

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114043.D
 Acq On : 30 Apr 2019 15:44
 Operator : JU/SJ
 Sample : K2194-01MSD 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

Manual Integrations
 APPROVED

Sohil
 5/1/2019 11:58:44 AM

Quant Time: May 01 05:16:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	115325	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	433623	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	212450	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	380094	20.00	ng	0.00
76) Chrysene-d12	14.05	240	290158	20.00	ng	-0.02
87) Perylene-d12	15.54	264	229066	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	496651	73.66	ng	0.00
7) Phenol-d6	6.52	99	665587	78.68	ng	0.00
23) Nitrobenzene-d5	7.45	82	388374	55.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	194822	75.28	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	768080	56.54	ng	-0.01
79) Terphenyl-d14	13.00	244	761987	53.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	8174	2.572	ng	# 85
3) Pyridine	3.46	79	18530	2.136	ng	# 86
4) n-Nitrosodimethylamine	3.35	42	8014	2.698	ng	# 98
6) Aniline	6.55	93	22273	1.917	ng	# 90
8) 2-Chlorophenol	6.67	128	24981	3.245	ng	97
9) Benzaldehyde	6.44	77	5244	Below Cal		96
10) Phenol	6.53	94	37098	3.667	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	24518	3.221	ng	94
12) 1,3-Dichlorobenzene	6.83	146	27881	3.198	ng	98
13) 1,4-Dichlorobenzene	6.91	146	28438	3.243	ng	98
14) 1,2-Dichlorobenzene	7.06	146	27064	3.358	ng	97
15) Benzyl Alcohol	7.02	79	26113m	4.583	ng	
16) 2,2'-oxybis(1-Chloropropan	7.16	45	26756	3.011	ng	87
17) 2-Methylphenol	7.14	107	21170	3.137	ng	97
18) Hexachloroethane	7.40	117	8030	2.612	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	19498	3.559	ng	98
20) 3+4-Methylphenols	7.29	107	26424	3.466	ng	# 44
22) Acetophenone	7.29	105	38362	3.976	ng	95
24) Nitrobenzene	7.46	77	29441	3.794	ng	99
25) Isophorone	7.70	82	49301	3.431	ng	# 93
26) 2-Nitrophenol	7.79	139	10239	2.892	ng	# 86
27) 2,4-Dimethylphenol	7.82	122	21524	3.732	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	30751	3.358	ng	97
29) 2,4-Dichlorophenol	8.03	162	21536	3.265	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	25063	3.408	ng	97
31) Naphthalene	8.19	128	81294	3.946	ng	99
32) Benzoic acid	7.82	122	21524	5.526	ng	# 18
33) 4-Chloroaniline	8.24	127	18592	2.133	ng	94
34) Hexachlorobutadiene	8.32	225	15379	3.354	ng	98
35) Caprolactam	8.60	113	1983	0.945	ng	# 1
36) 4-Chloro-3-methylphenol	8.72	107	24068	3.683	ng	97
37) 2-Methylnaphthalene	8.89	142	56411	4.061	ng	99
38) 1-Methylnaphthalene	8.98	142	52538	3.919	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	25919	3.756	ng	96

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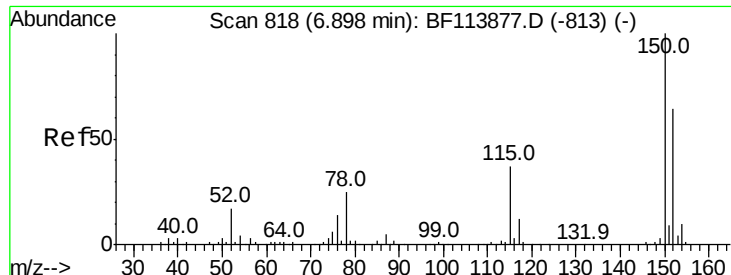
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	315	0.082	nq	89
43) 2,4,6-Trichlorophenol	9.16	196	16174	3.691	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	16880	3.434	nq #	83
46) 1,1'-Biphenyl	9.35	154	69197	4.264	nq	98
47) 2-Chloronaphthalene	9.37	162	50441	3.822	nq	97
48) 2-Nitroaniline	9.46	65	14465	4.181	nq	95
49) Acenaphthylene	9.79	152	83789	4.055	nq	99
50) Dimethylphthalate	9.63	163	198866	12.943	nq	99
51) 2,6-Dinitrotoluene	9.70	165	10258	3.112	nq	87
52) Acenaphthene	9.96	154	46356	3.796	nq	99
53) 3-Nitroaniline	9.87	138	10259	2.962	nq #	98
54) 2,4-Dinitrophenol	10.18	184	126	8.398	nq #	42
55) Dibenzofuran	10.13	168	73735	4.031	nq	97
56) 4-Nitrophenol	10.03	139	15948	5.815	nq #	80
57) 2,4-Dinitrotoluene	10.10	165	11037	2.653	nq #	93
58) Fluorene	10.47	166	57846	4.201	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	14082	3.260	nq #	53
60) Diethylphthalate	10.33	149	58017	3.976	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	27208	3.731	nq	95
62) 4-Nitroaniline	10.47	138	8736	2.584	nq	91
63) Azobenzene	10.62	77	48022	3.396	nq	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	123	7.368	nq #	1
66) n-Nitrosodiphenylamine	10.57	169	52601	4.612	nq	97
67) 4-Bromophenyl-phenylether	10.95	248	15841	3.450	nq #	88
68) Hexachlorobenzene	11.03	284	16635	3.297	nq	96
69) Atrazine	11.10	200	16481	4.442	nq	97
70) Pentachlorophenol	11.22	266	15444	5.406	nq	96
71) Phenanthrene	11.43	178	151745	7.944	nq	98
72) Anthracene	11.49	178	92780	4.810	nq	98
73) Carbazole	11.63	167	68186	3.962	nq	97
74) Di-n-butylphthalate	11.97	149	85430	4.220	nq	99
75) Fluoranthene	12.63	202	233408	11.200	nq	98
77) Benzidine	12.73	184	360	0.042	nq #	1
78) Pyrene	12.86	202	232915	11.479	nq	98
80) Butylbenzylphthalate	13.46	149	35050	4.390	nq	91
81) Benzo(a)anthracene	14.04	228	150036	8.776	nq	96
82) 3,3'-Dichlorobenzidine	14.00	252	9328	1.489	nq #	78
83) Chrysene	14.07	228	146737	8.813	nq	96
84) Bis(2-ethylhexyl)phthalate	14.03	149	55210	5.435	nq	98
85) Di-n-octyl phthalate	14.65	149	74212	4.668	nq #	89
86) Indeno(1,2,3-cd)pyrene	17.03	276	76402	4.845	nq	96
88) Benzo(b)fluoranthene	15.11	252	129475	8.934	nq #	88
89) Benzo(k)fluoranthene	15.13	252	85436	6.853	nq #	76
90) Benzo(a)pyrene	15.48	252	102574	8.183	nq #	86
91) Dibenzo(a,h)anthracene	17.05	278	44601	3.790	nq #	82
92) Benzo(g,h,i)perylene	17.49	276	68622	5.779	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

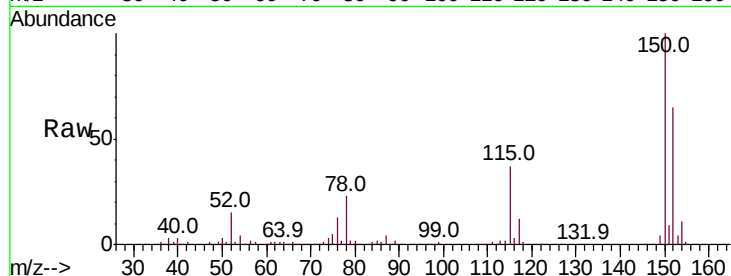
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.9	188.9
115	57.0	45.9	68.9

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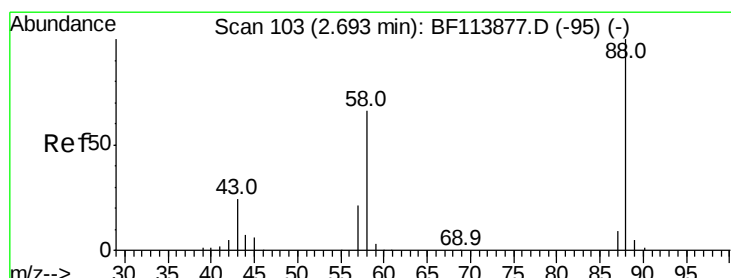
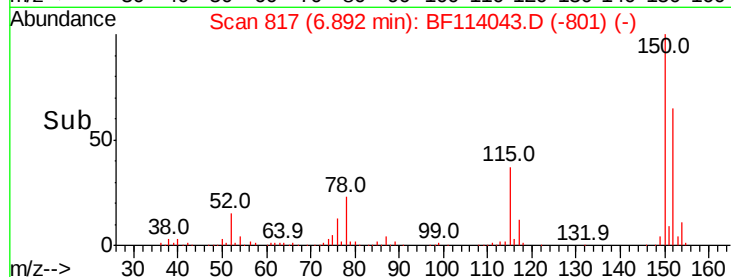
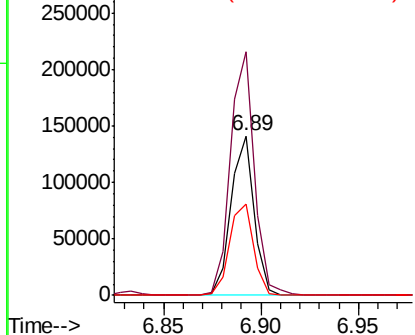


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

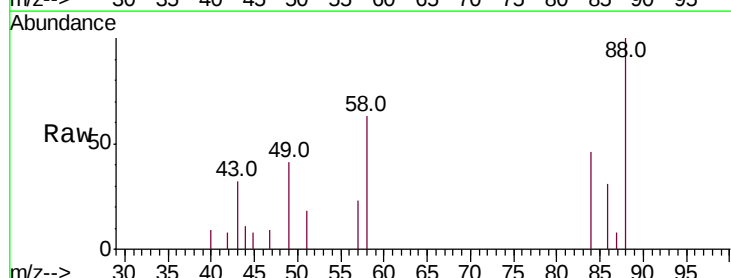
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.572 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.04 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.8	53.3	79.9
43	32.7	19.0	28.4

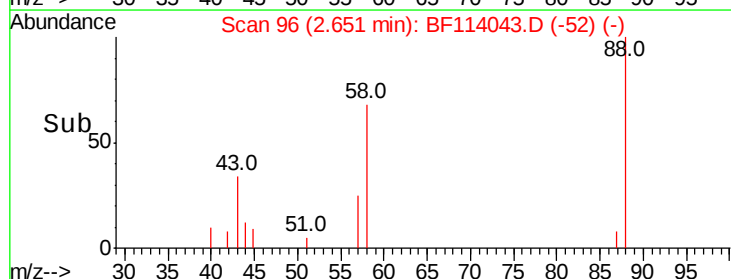
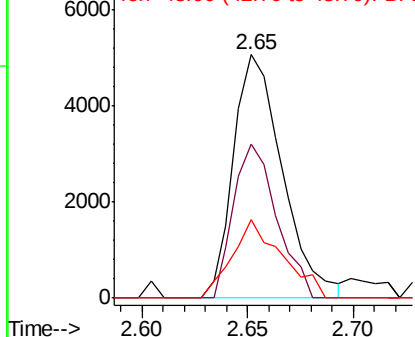


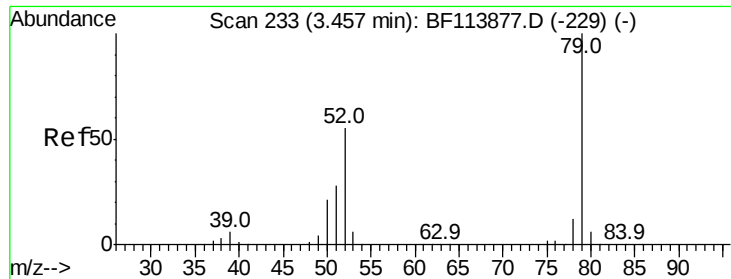
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 2.136 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

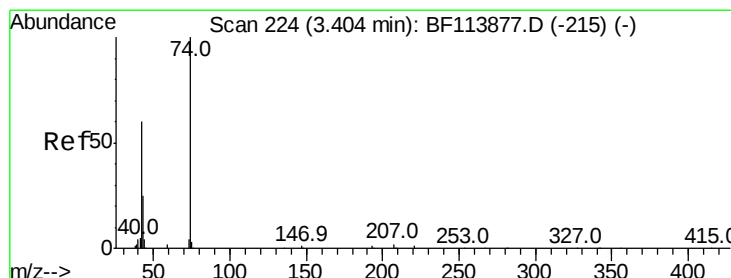
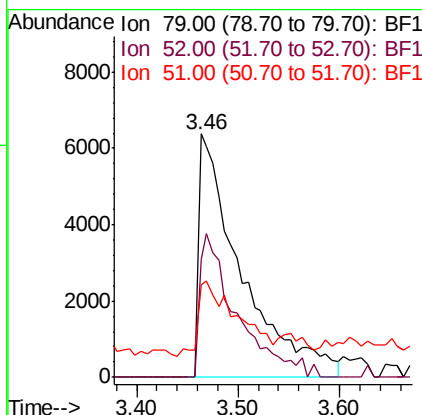
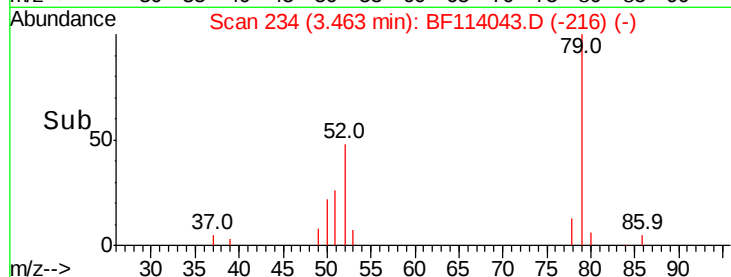
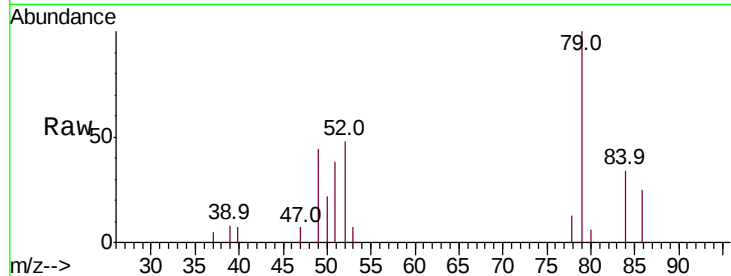
ClientSampleId :

JC-03-042919-AMSD

Tot Ion:	79	Resp:	18530
Ion Ratio	Lower	Upper	
79	100		
52	48.3	45.3	67.9
51	38.3	22.1	33.1#

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#4

n-Nitrosodimethylamine

Concen: 2.698 ng

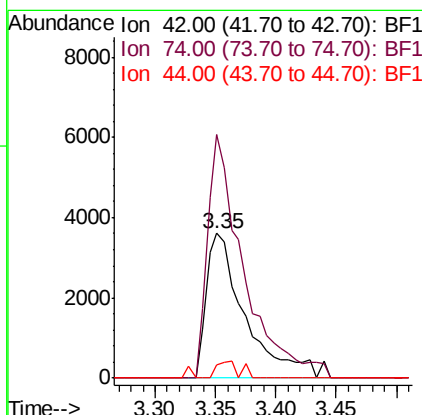
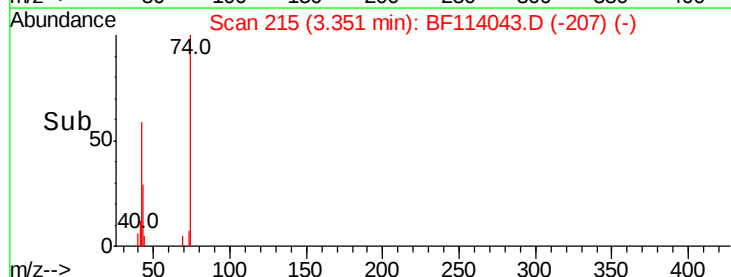
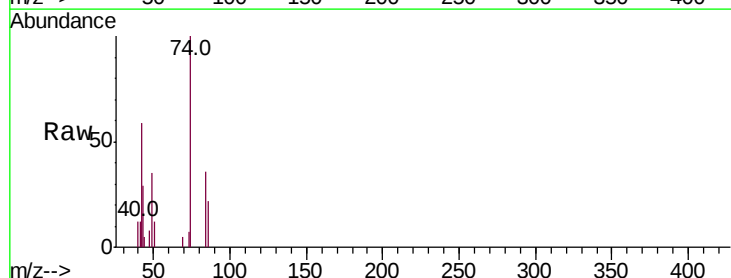
RT: 3.35 min Scan# 215

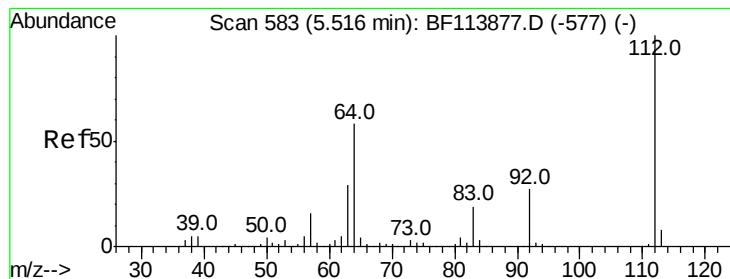
Delta R.T. -0.05 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	42	Resp:	8014
Ion Ratio	Lower	Upper	
42	100		
74	168.3	132.6	198.8
44	8.8	5.8	8.8#





#5

2-Fluorophenol

Concen: 73.657 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

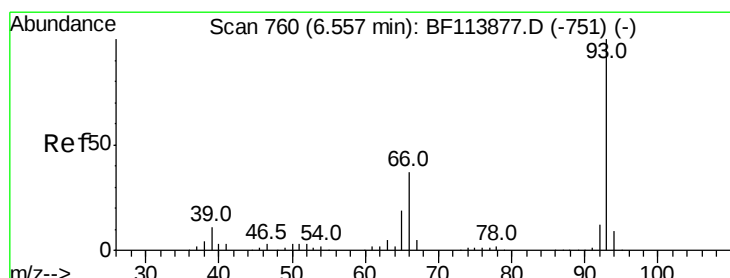
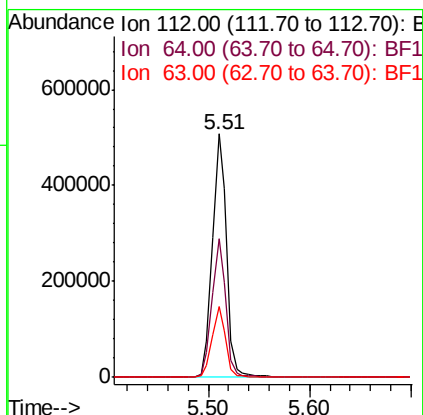
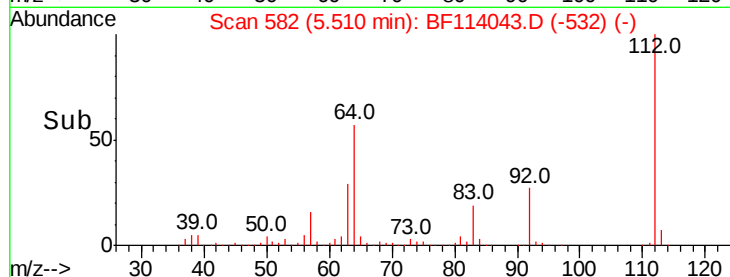
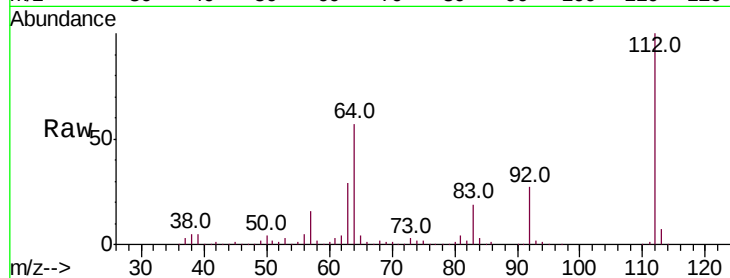
ClientSampleId :

JC-03-042919-AMSD

Tot Ion:	112	Resp:	496651
Ion Ratio	Lower	Upper	
112	100		
64	57.1	46.6	69.8
63	28.9	23.1	34.7

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#6

Aniline

Concen: 1.917 ng

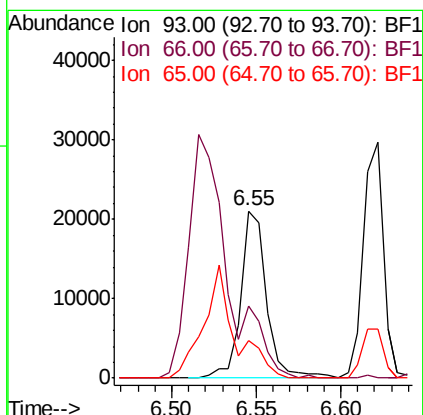
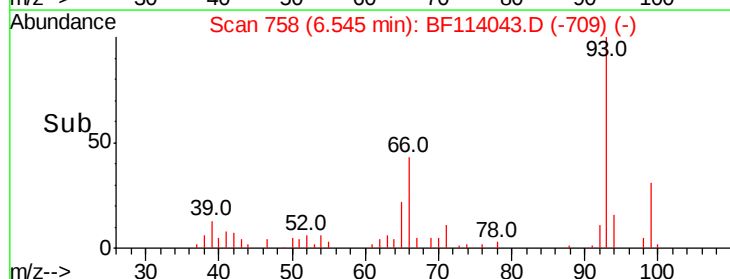
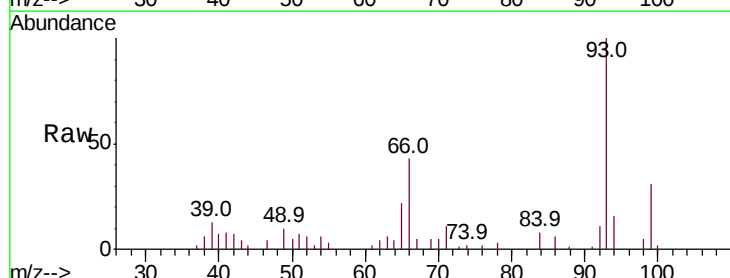
RT: 6.55 min Scan# 758

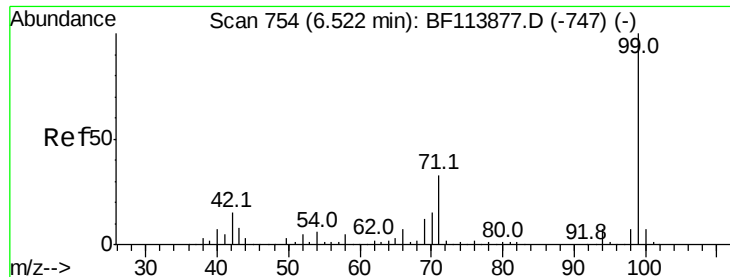
Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	93	Resp:	22273
Ion Ratio	Lower	Upper	
93	100		
66	43.2	29.8	44.6
65	22.4	14.9	22.3#





#7

Phenol-d6

Concen: 78.678 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

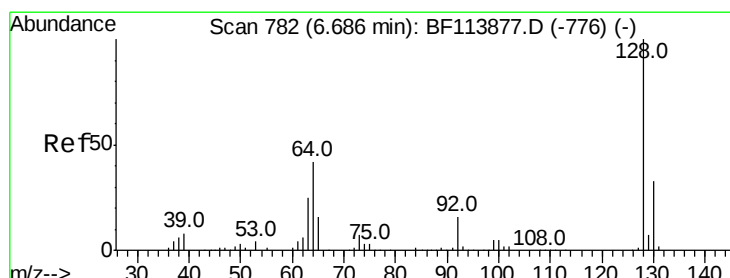
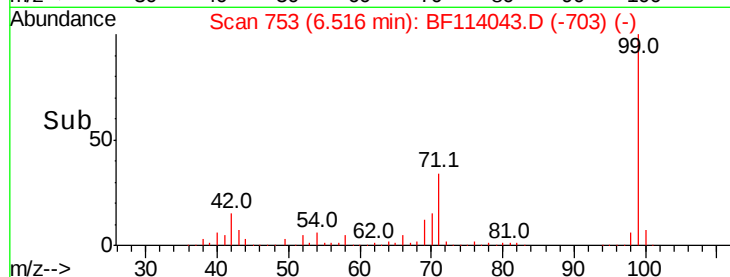
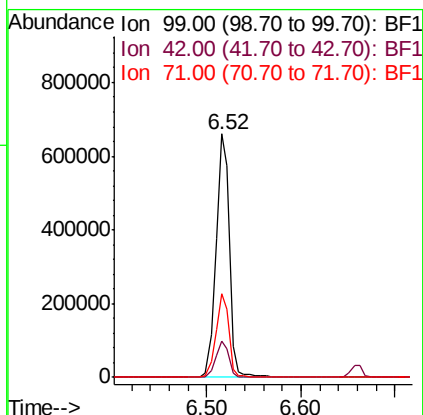
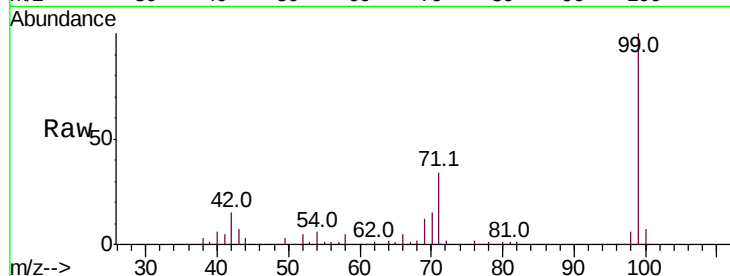
ClientSampleId :

JC-03-042919-AMSD

Tot Ion:	99	Resp:	665587
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.5	18.7
71	34.4	26.9	40.3

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#8

2-Chlorophenol

Concen: 3.245 ng

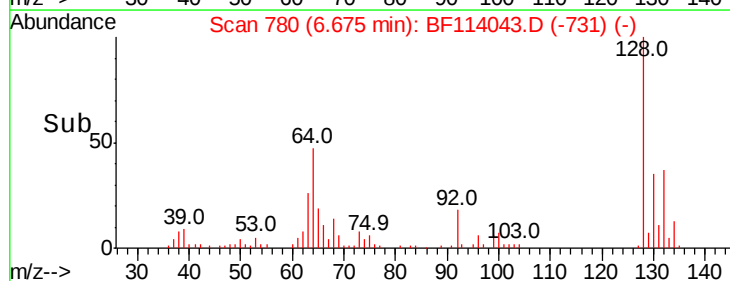
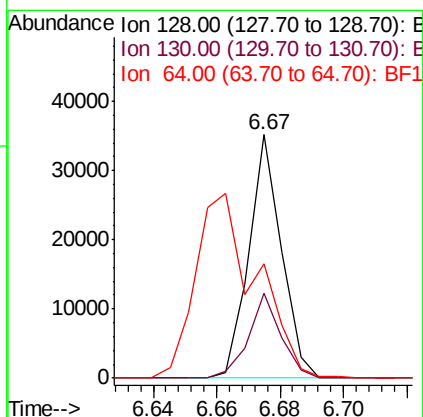
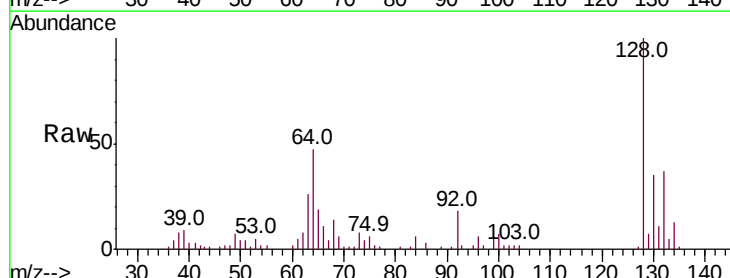
RT: 6.67 min Scan# 780

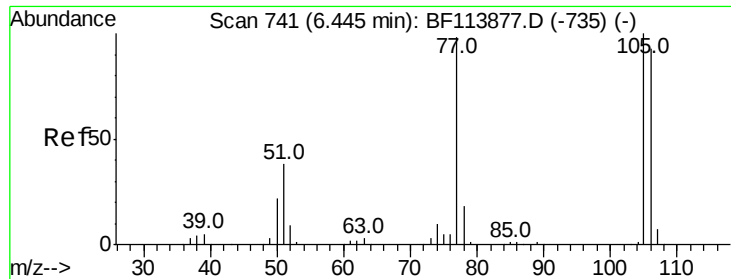
Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	128	Resp:	24981
Ion Ratio	Lower	Upper	
128	100		
130	35.0	12.3	52.3
64	46.8	26.1	66.1





#9

Benzaldehyde

Concen: Below Cal

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

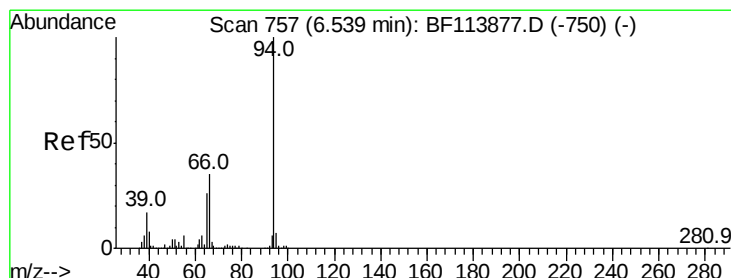
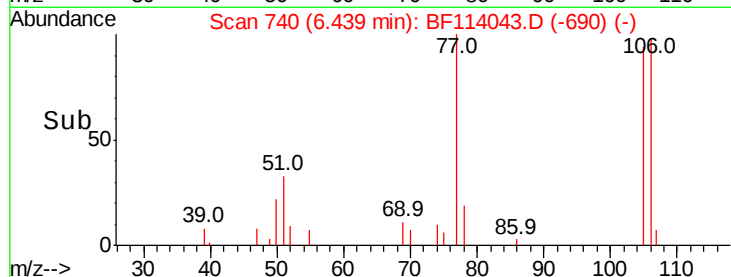
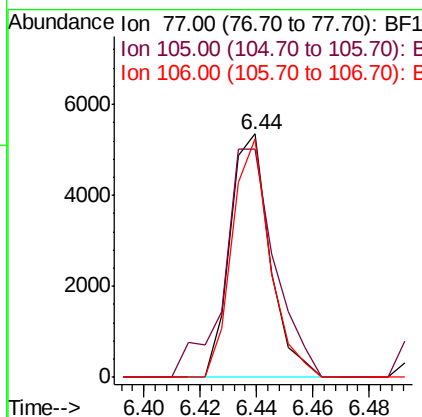
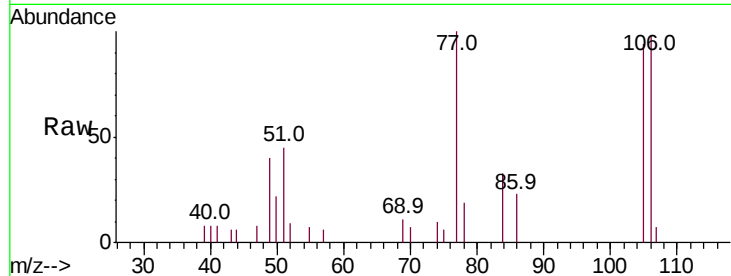
ClientSampleId :

JC-03-042919-AMSD

Tot Ion:	77	Resp:	5244
Ion	Ratio	Lower	Upper
77	100		
105	93.8	74.1	114.1
106	97.9	70.3	110.3

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#10

Phenol

Concen: 3.667 ng

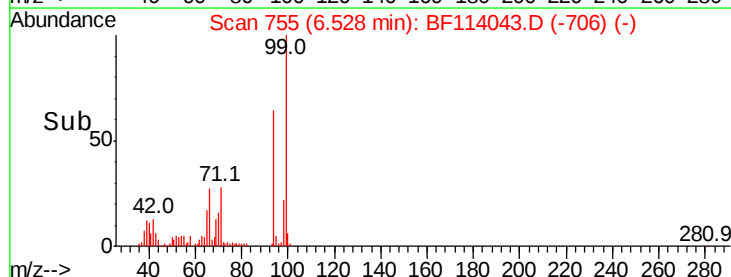
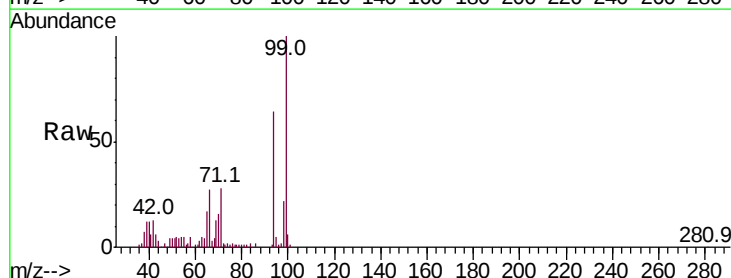
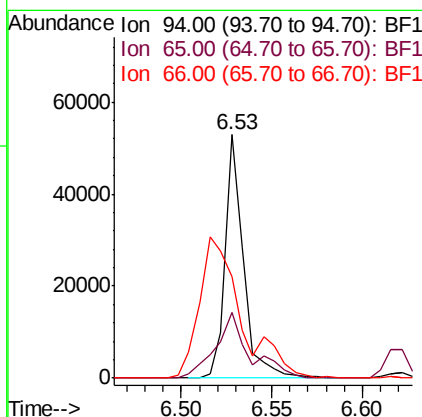
RT: 6.53 min Scan# 755

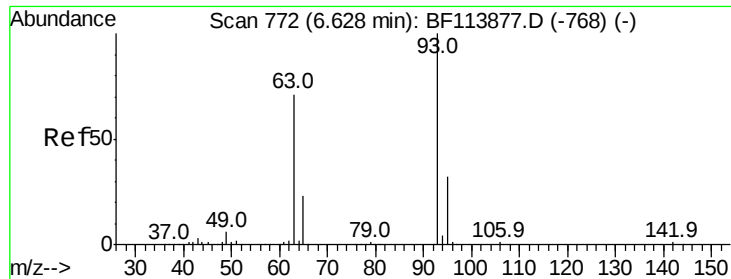
Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	94	Resp:	37098
Ion	Ratio	Lower	Upper
94	100		
65	26.8	8.1	48.1
66	41.7	16.6	56.6





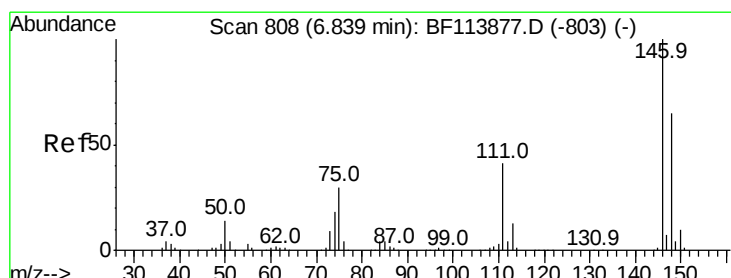
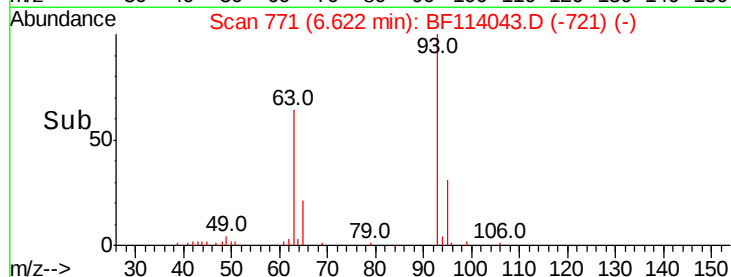
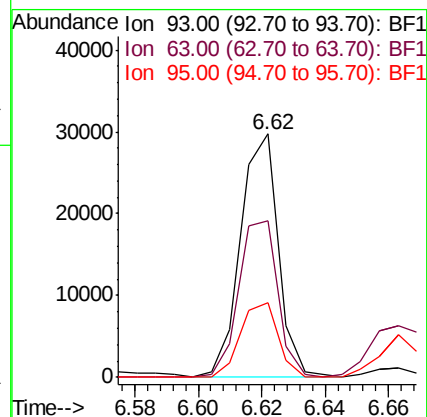
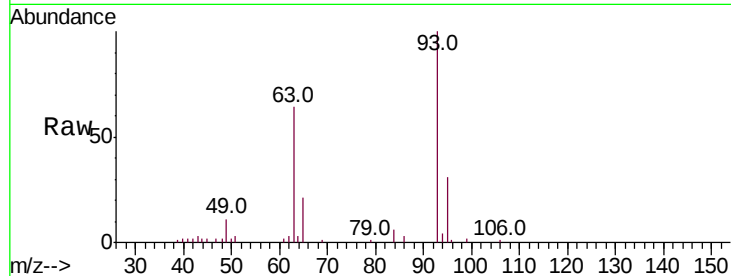
#11
bis(2-Chloroethyl)ether
Concen: 3.221 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.1	50.7	90.7
95	30.6	12.3	52.3

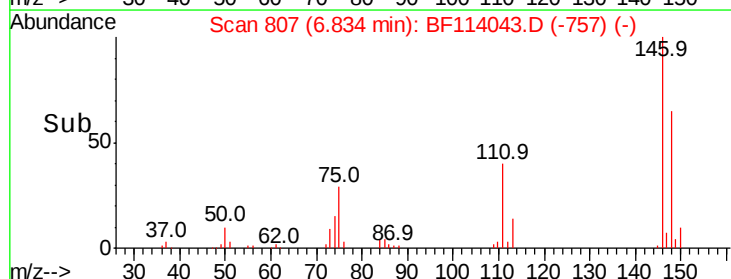
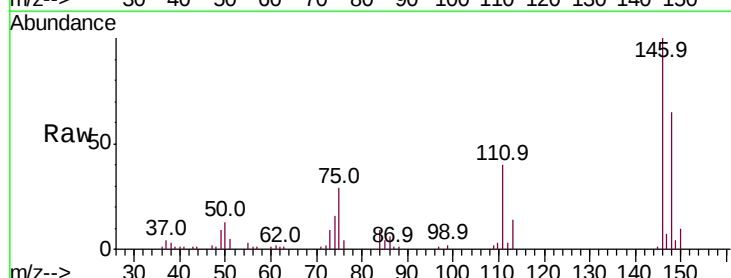
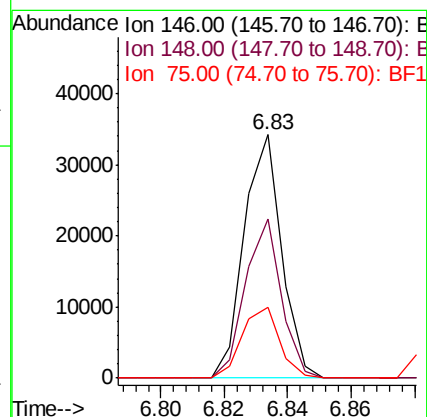
Manual Integrations
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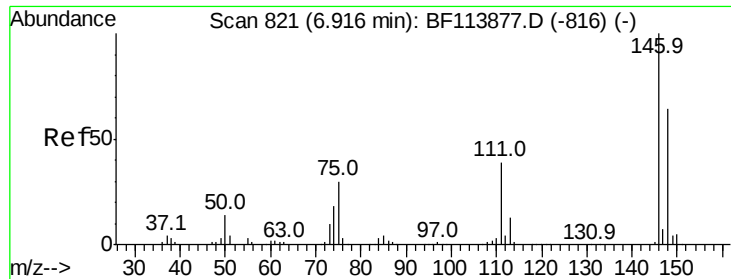
Sohil
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#12
1,3-Dichlorobenzene
Concen: 3.198 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.6
75	29.1	23.8	35.8





#13

1,4-Dichlorobenzene

Concen: 3.243 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

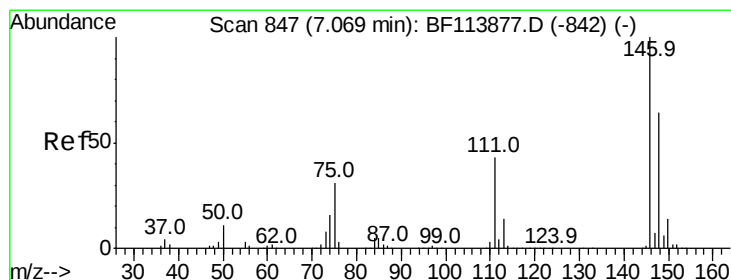
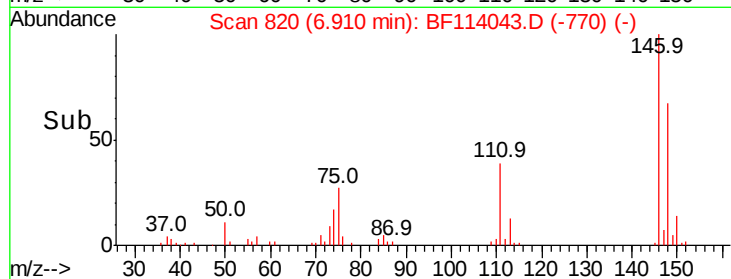
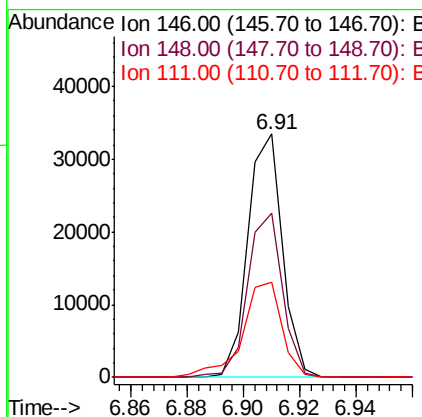
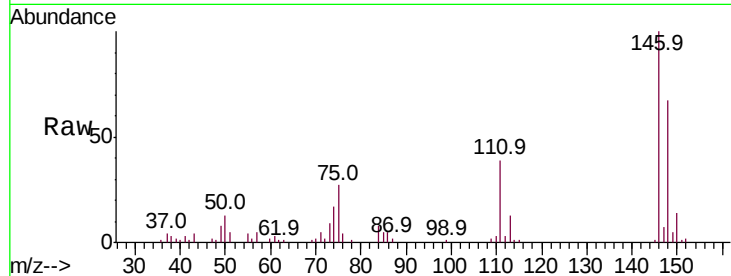
ClientSampleId :

JC-03-042919-AMSD

Tot Ion:	146	Resp:	28438
Ion Ratio	Lower	Upper	
146	100		
148	67.3	51.8	77.8
111	38.9	30.9	46.3

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#14

1,2-Dichlorobenzene

Concen: 3.358 ng

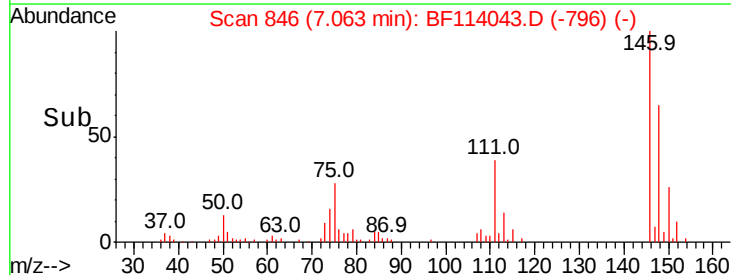
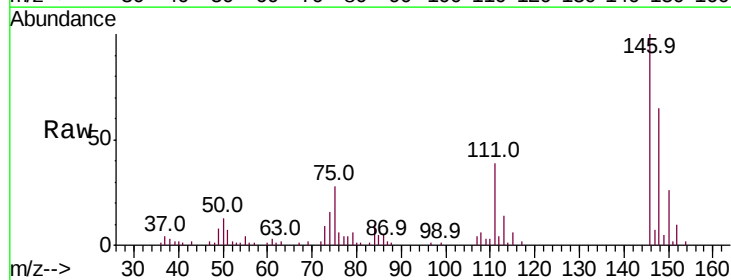
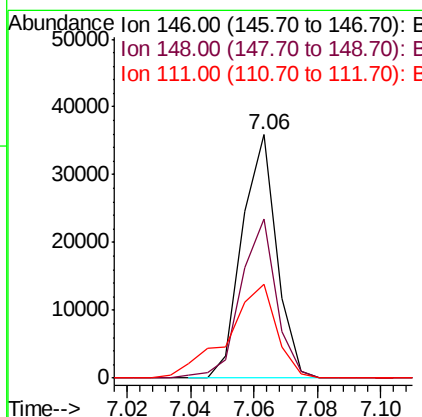
RT: 7.06 min Scan# 846

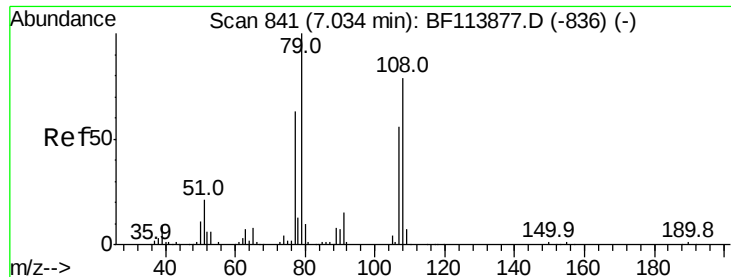
Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	146	Resp:	27064
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.1	78.1
111	38.8	34.2	51.4





#15

Benzyl Alcohol

Concen: 4.583 ng/ml

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

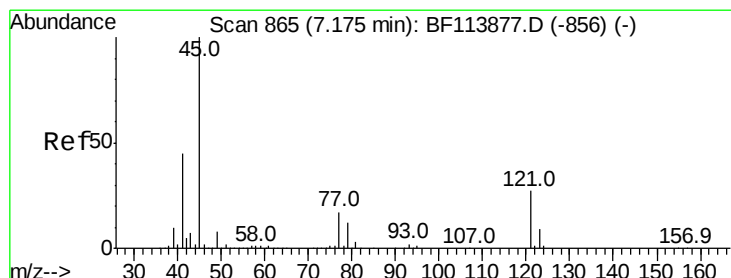
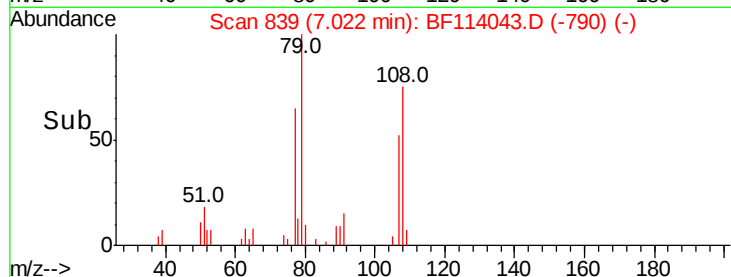
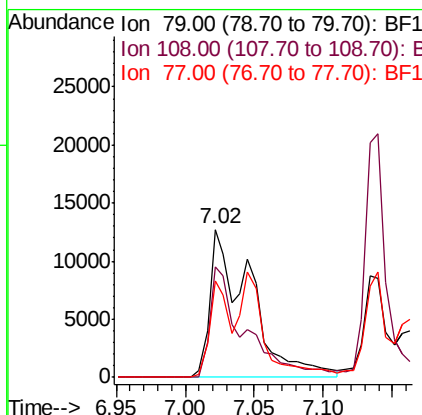
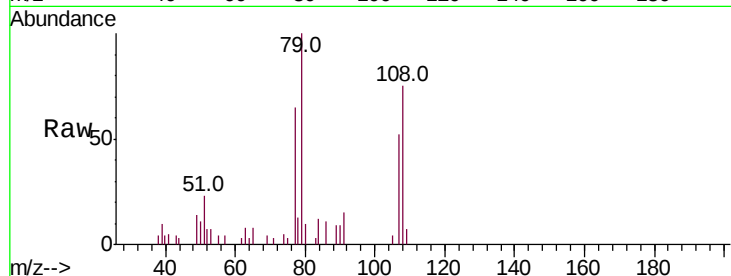
ClientSampleId :

JC-03-042919-AMSD

Tot Ion:	79	Resp:	26113
Ion	Ratio	Lower	Upper
79	100		
108	74.5	61.4	92.0
77	64.9	51.6	77.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 3.011 ng/ml

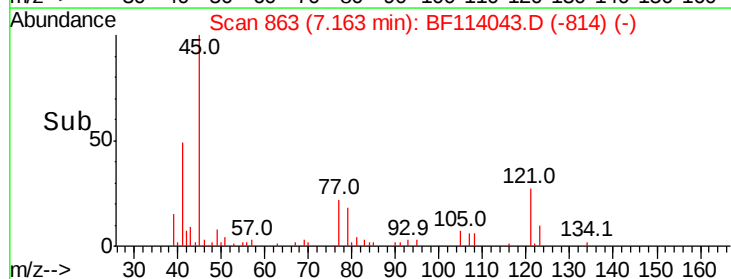
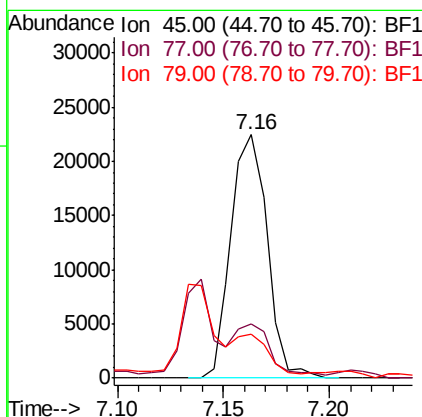
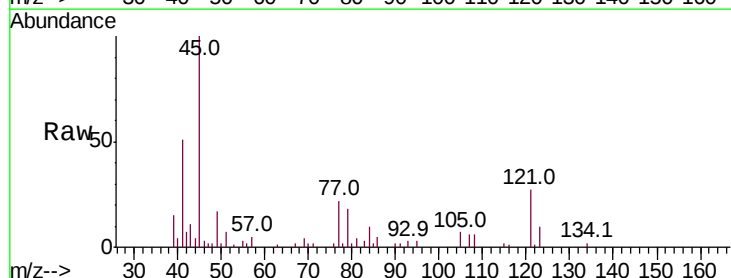
RT: 7.16 min Scan# 863

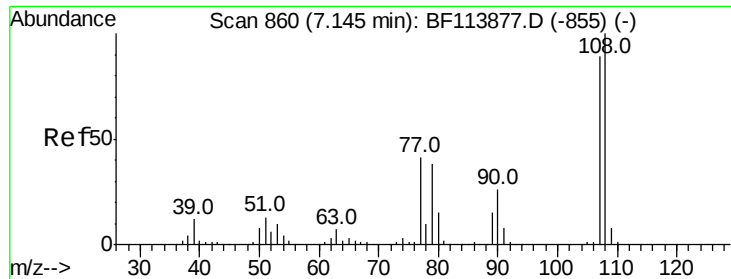
Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	45	Resp:	26756
Ion	Ratio	Lower	Upper
45	100		
77	22.4	0.0	37.0
79	17.9	0.0	32.7





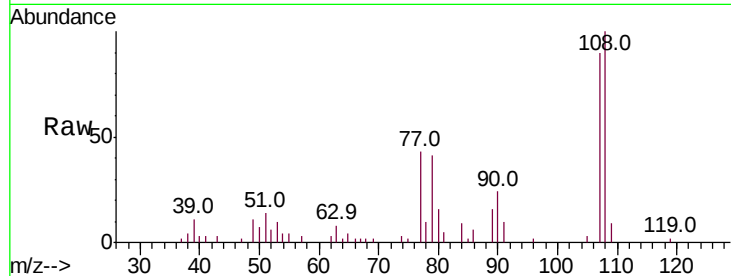
#17
2-Methylphenol
Concen: 3.137 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion:	107	Resp:	21170
Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.5	137.3
77	48.2	36.2	54.4
79	45.2	35.4	53.0

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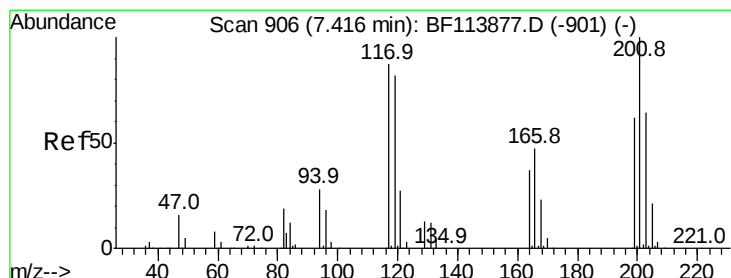
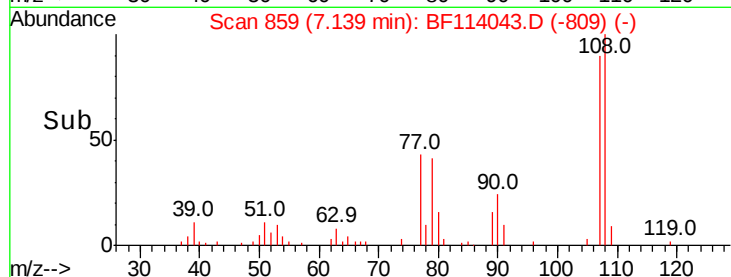
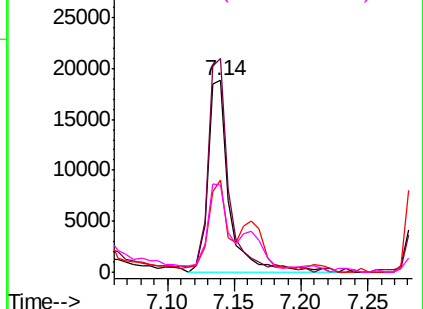
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 2.612 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

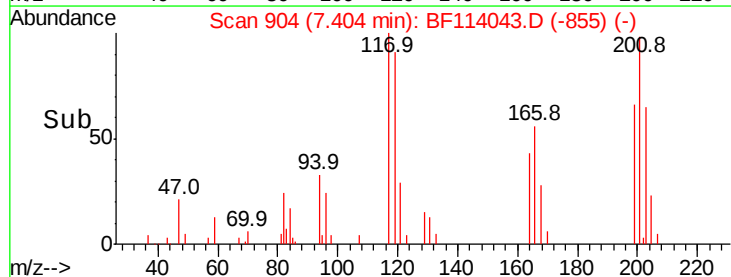
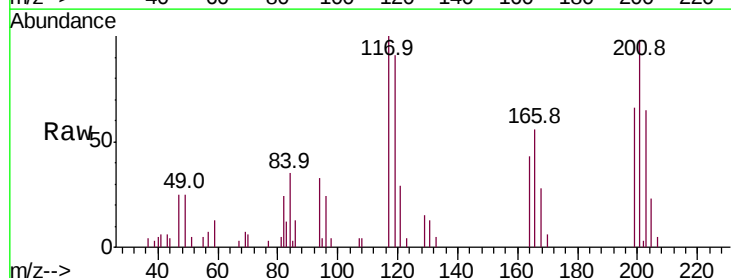
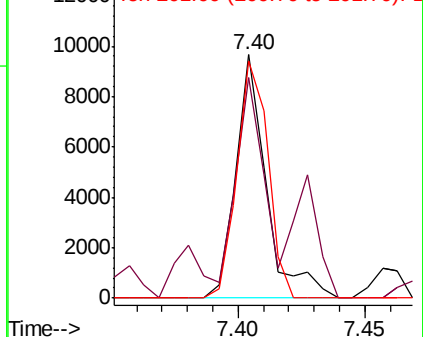
Tgt Ion:	117	Resp:	8030
Ion	Ratio	Lower	Upper
117	100		
119	90.7	74.4	111.6
201	97.6	90.2	135.2

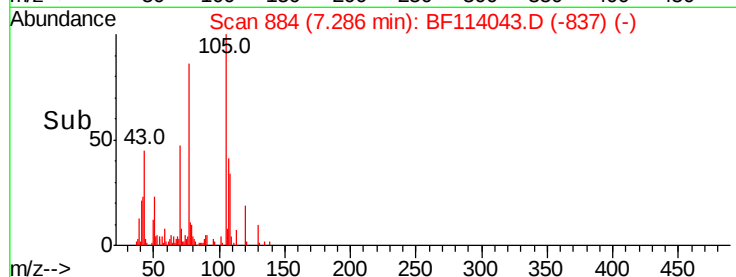
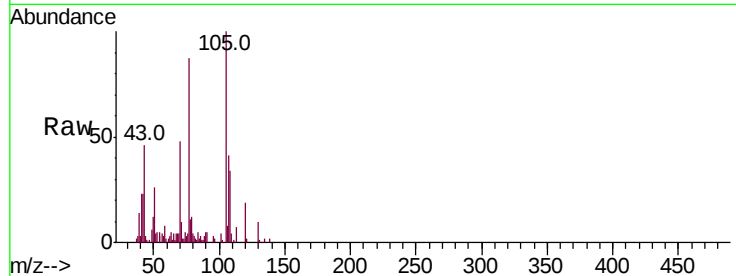
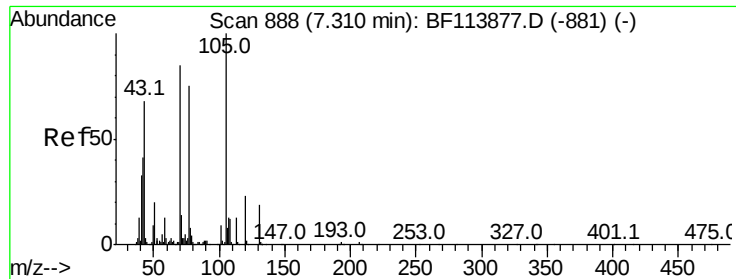
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





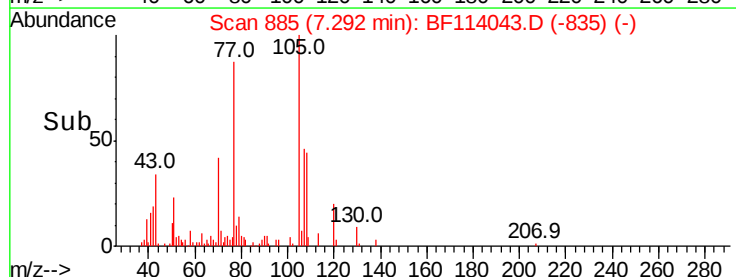
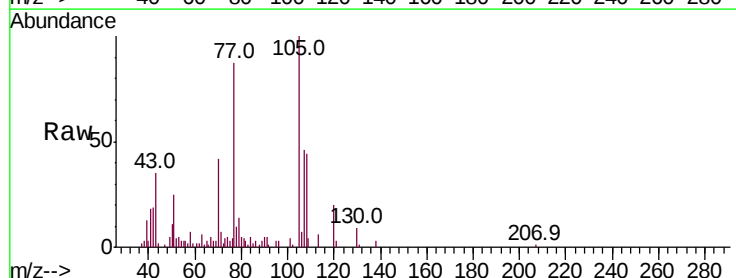
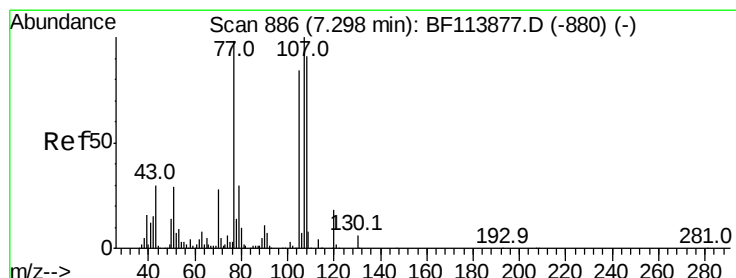
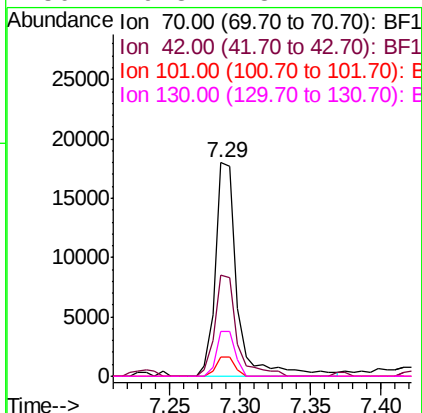
#19
n-Nitroso-di-n-propylamine
Concen: 3.559 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.3	37.3	55.9	
101	9.2	7.8	11.8	
130	20.8	18.2	27.2	

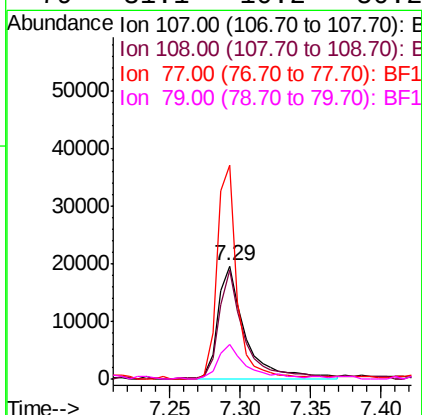
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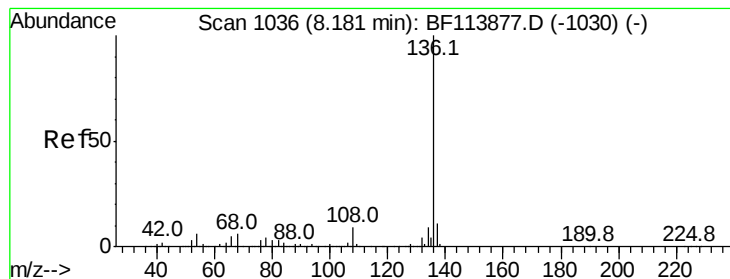
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#20
3+4-Methylphenols
Concen: 3.466 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	96.1	70.1	110.1	
77	189.6	52.9	92.9#	
79	31.1	10.2	50.2	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

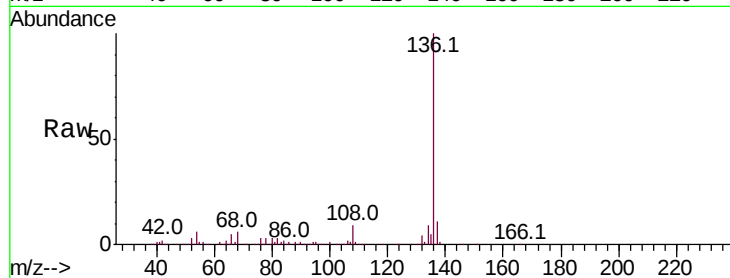
ClientSampleId :

JC-03-042919-AMSD

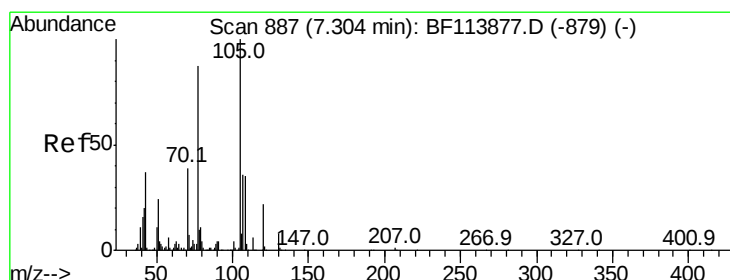
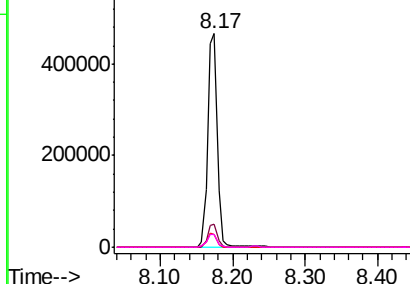
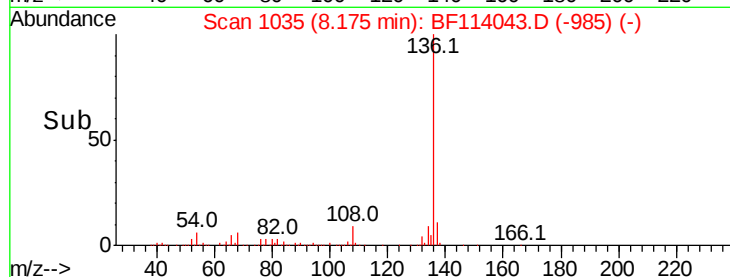
Tot Ion	Ratio	Resp	Lower	Upper
136	100	433623		
137	10.8		8.6	12.8
54	5.7		5.0	7.6
68	5.9		4.9	7.3

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 3.976 ng

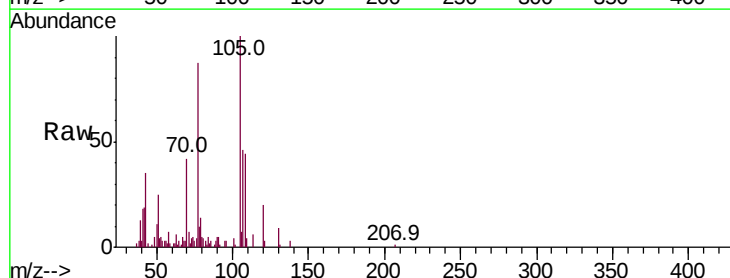
RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

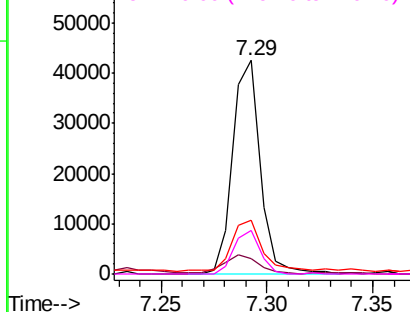
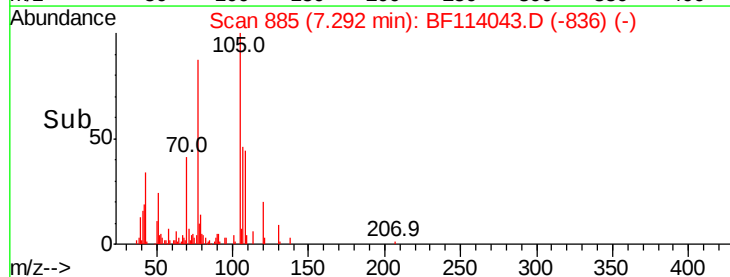
Lab File: BF114043.D

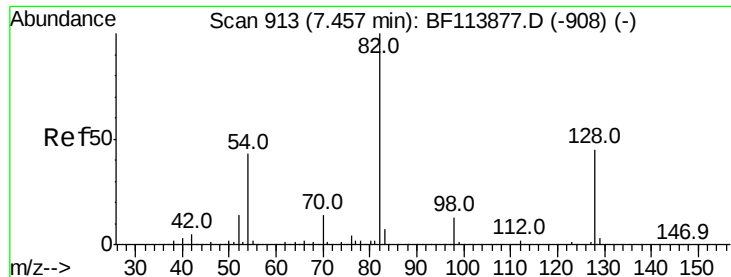
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	38362		
71	7.5		6.1	9.1
51	25.1		16.8	25.2
120	20.4		17.6	26.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





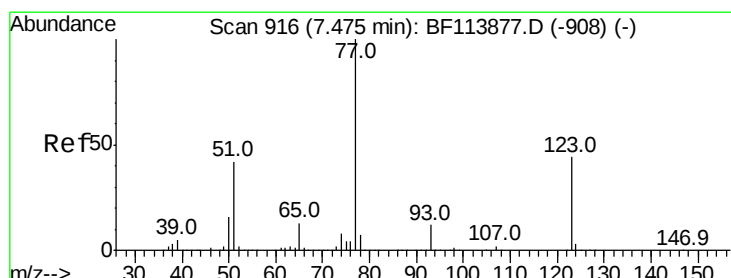
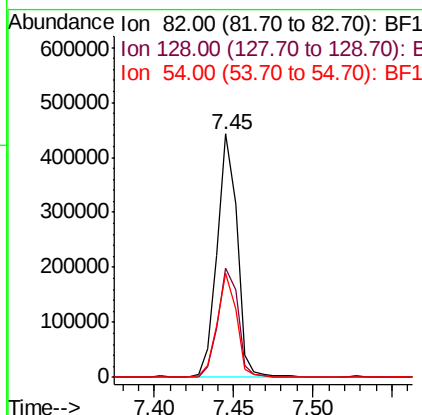
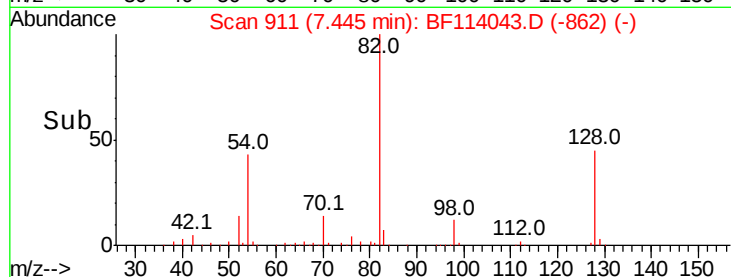
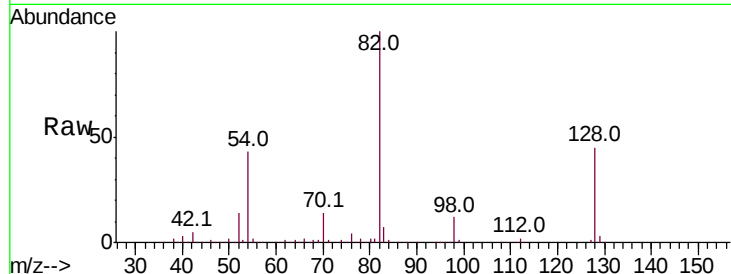
#23
 Nitrobenzene-d5
 Concen: 55.301 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.8	55.2
54	42.6	33.8	50.6

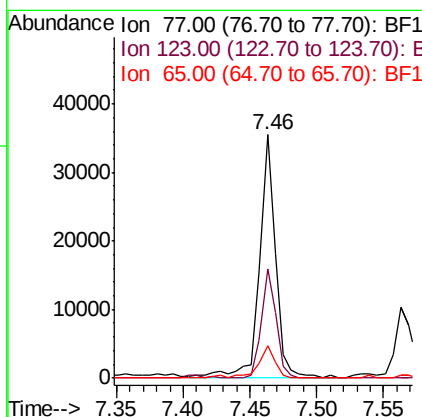
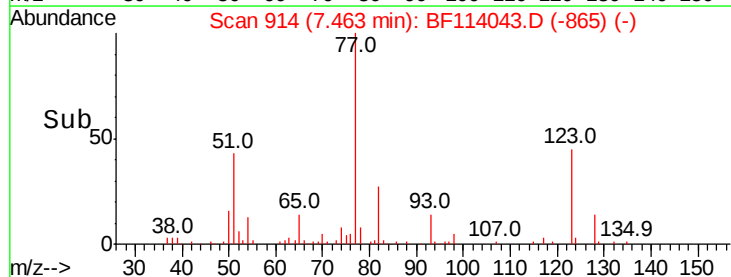
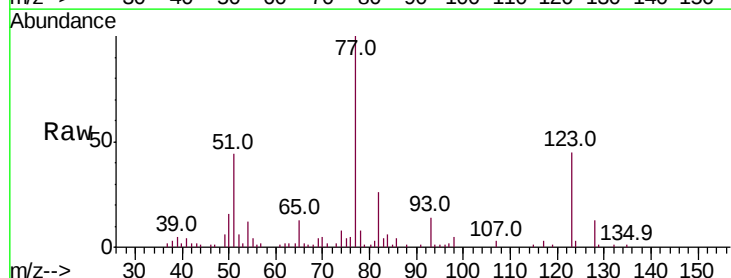
Manual Integrations
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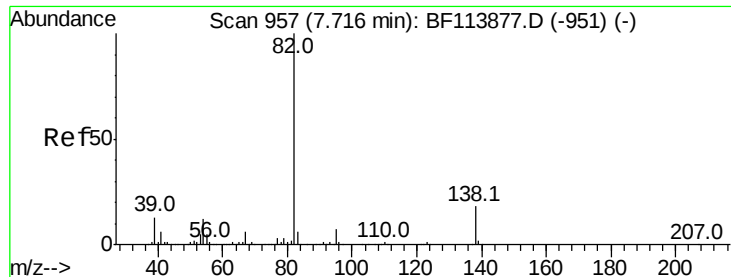
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#24
 Nitrobenzene
 Concen: 3.794 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	36.3	54.5
65	13.4	10.3	15.5





#25

Isophorone

Concen: 3.431 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

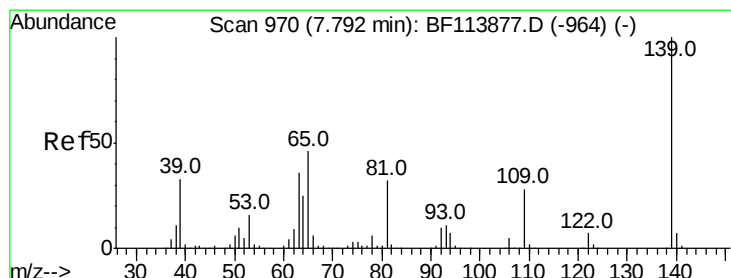
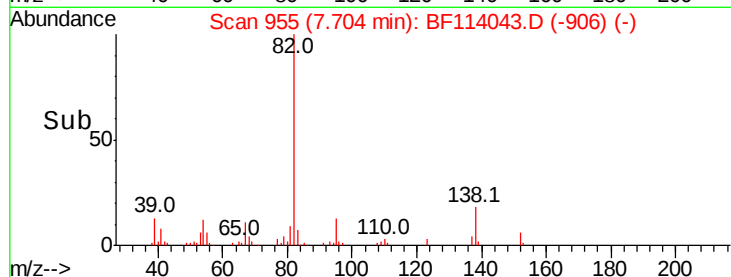
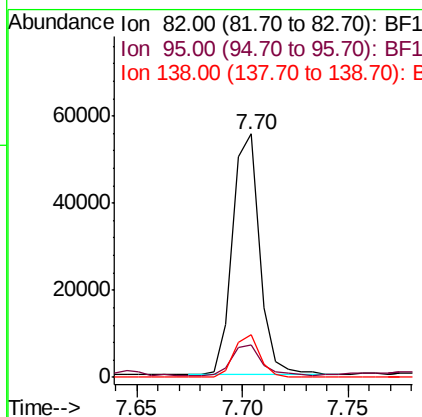
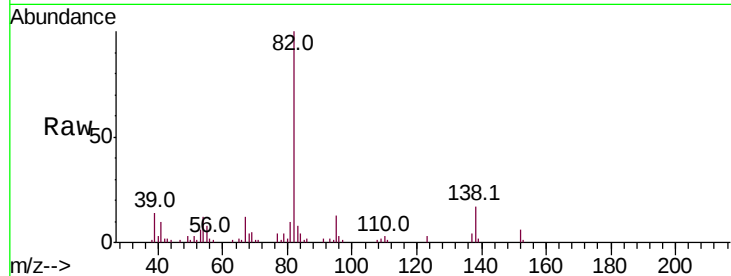
ClientSampleId :

JC-03-042919-AMSD

Tot Ion:	82	Resp:	49301
Ion Ratio	Lower	Upper	
82	100		
95	13.4	5.4	8.2#
138	17.3	14.6	22.0

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#26

2-Nitrophenol

Concen: 2.892 ng

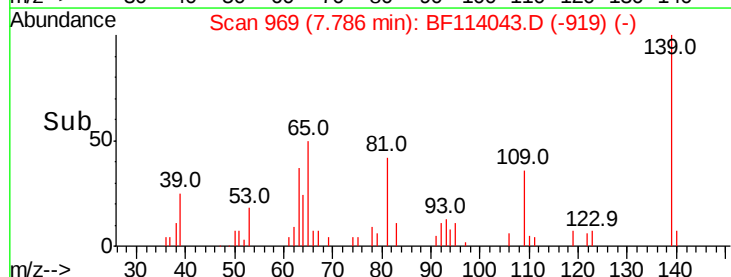
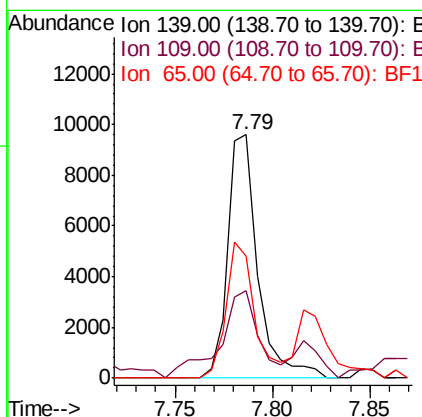
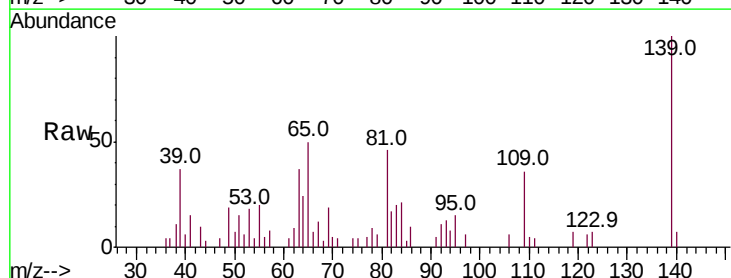
RT: 7.79 min Scan# 969

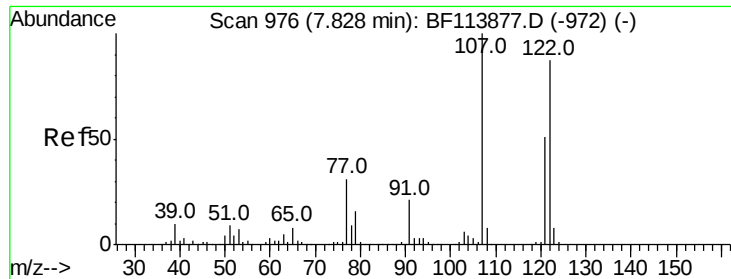
Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	139	Resp:	10239
Ion Ratio	Lower	Upper	
139	100		
109	35.8	20.6	31.0#
65	50.2	34.6	52.0





#27

2,4-Dimethylphenol

Concen: 3.732 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

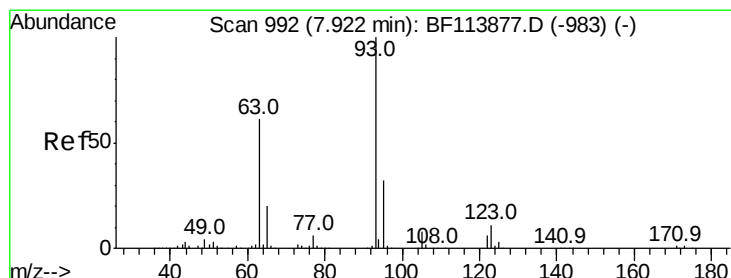
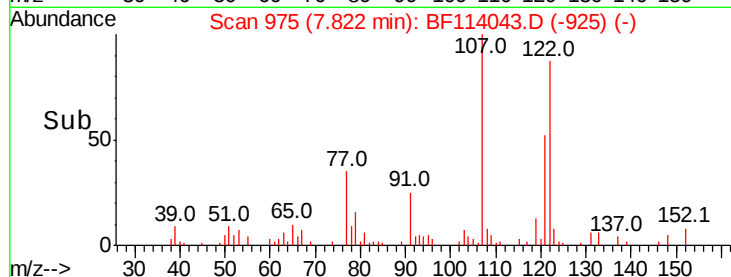
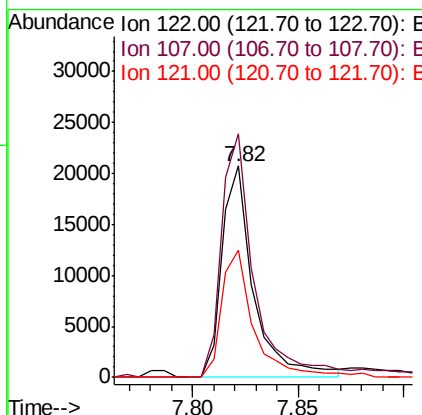
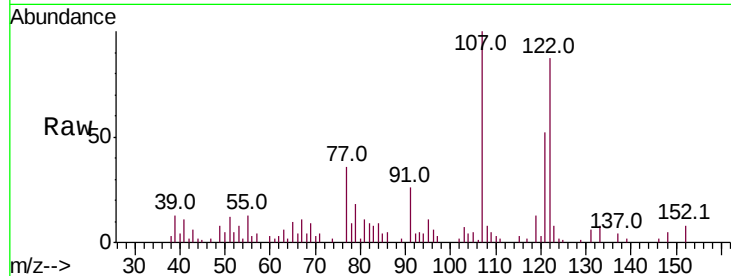
ClientSampleId :

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Tot Ion:	122	Resp:	21524
Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.2	136.8
121	59.9	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 3.358 ng

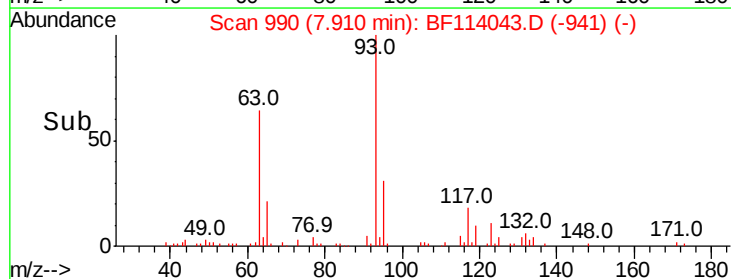
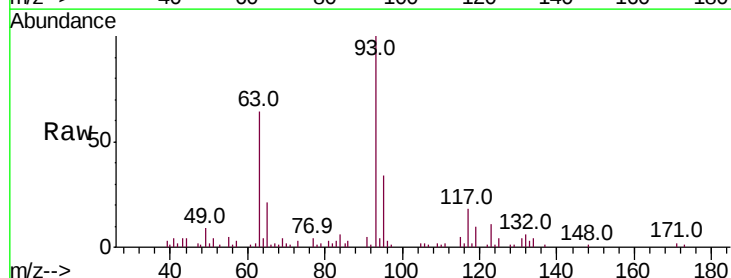
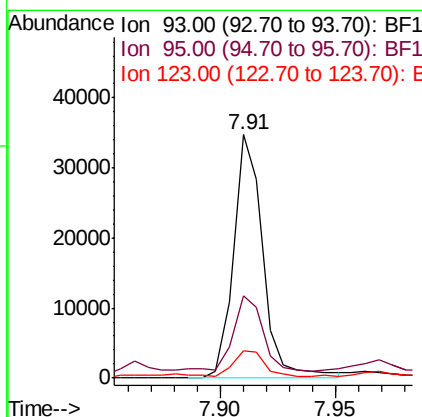
RT: 7.91 min Scan# 990

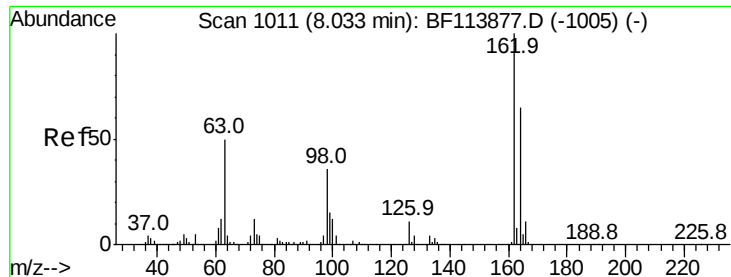
Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	93	Resp:	30751
Ion	Ratio	Lower	Upper
93	100		
95	34.0	25.8	38.6
123	11.0	9.0	13.6





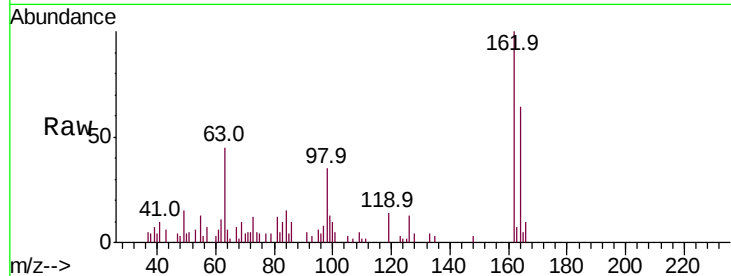
#29
 2,4-Dichlorophenol
 Concen: 3.265 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

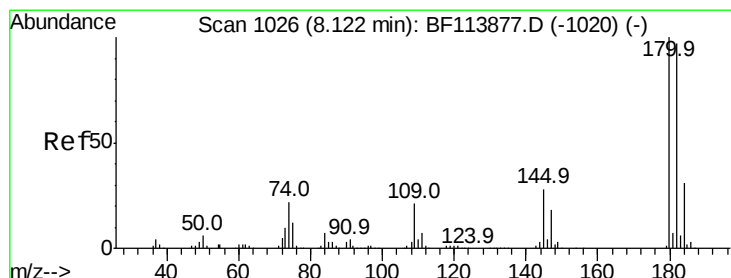
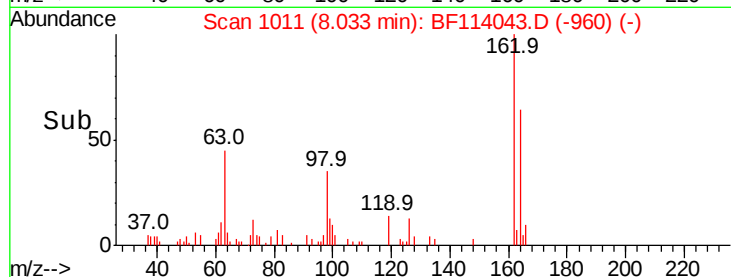
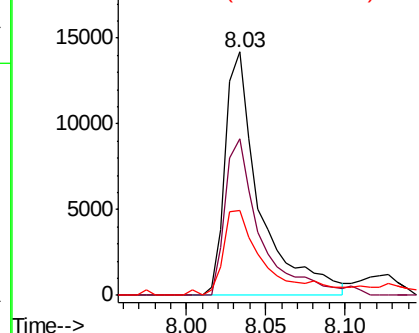
Tot Ion	Ratio	Resp	Lower	Upper
162	100	21536		
164	64.4		43.7	83.7
98	35.0		15.5	55.5

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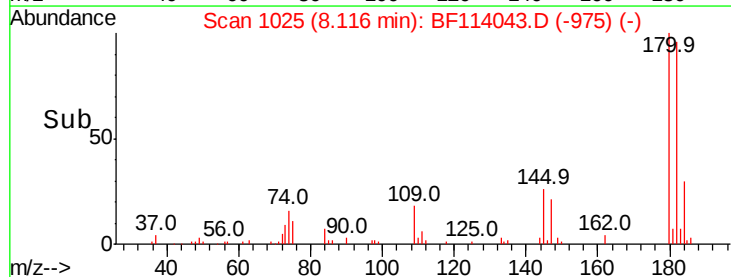
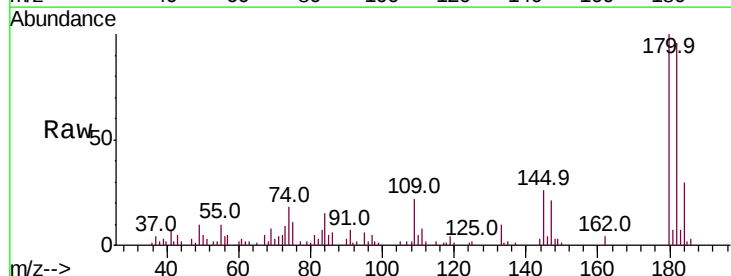
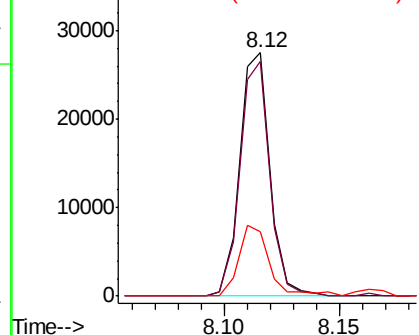
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

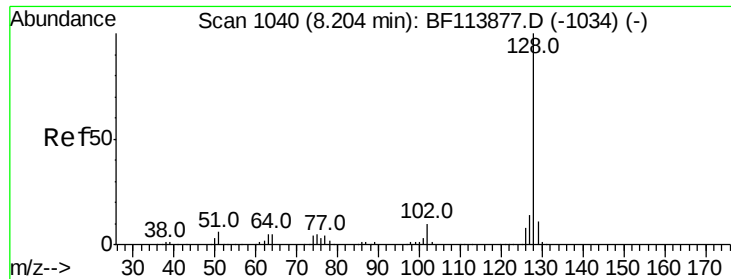


#30
 1,2,4-Trichlorobenzene
 Concen: 3.408 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	25063		
182	96.2		75.4	113.0
145	26.4		23.0	34.4

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





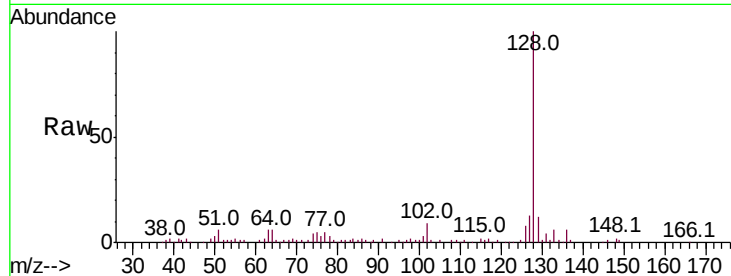
#31
Naphthalene
Concen: 3.946 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

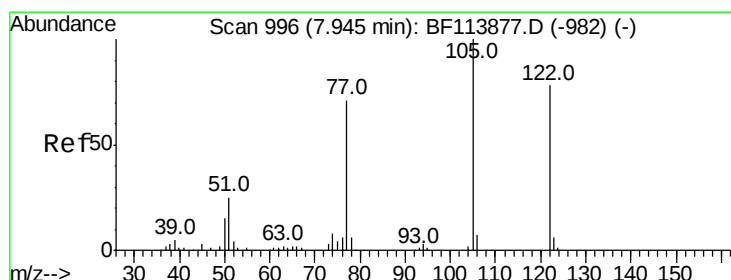
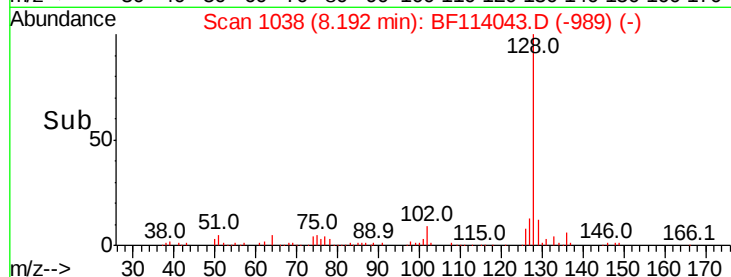
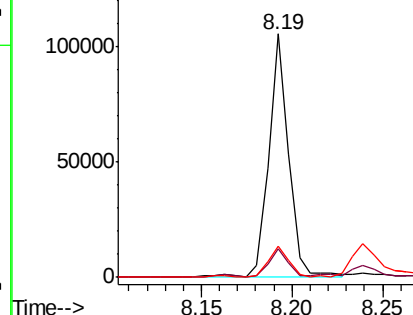
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	12.9	10.8	16.2

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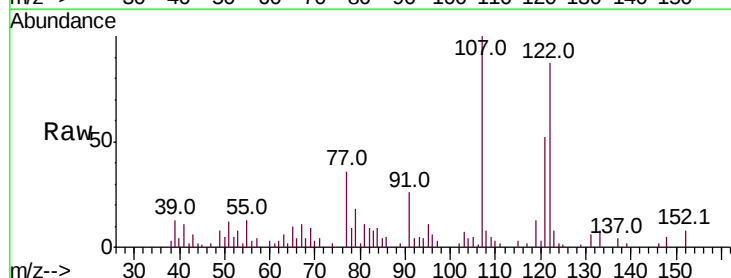


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

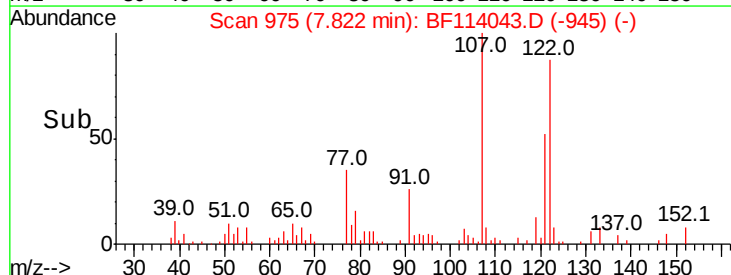
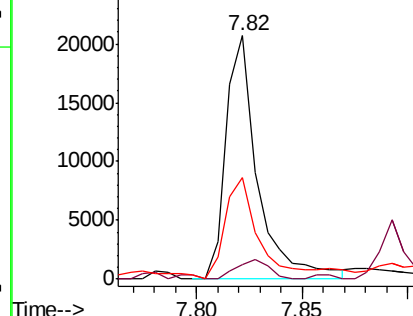


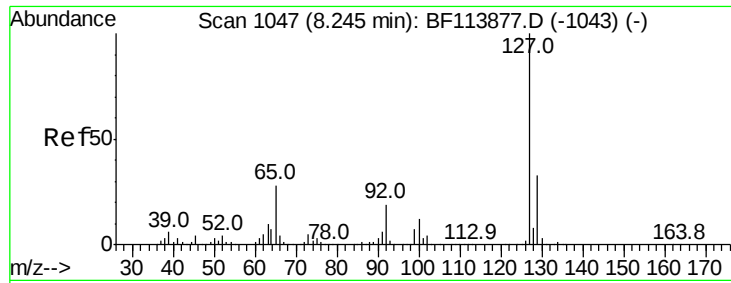
#32
Benzoic acid
Concen: 5.526 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.12 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	6.1	104.3	144.3#
77	41.9	70.4	110.4#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





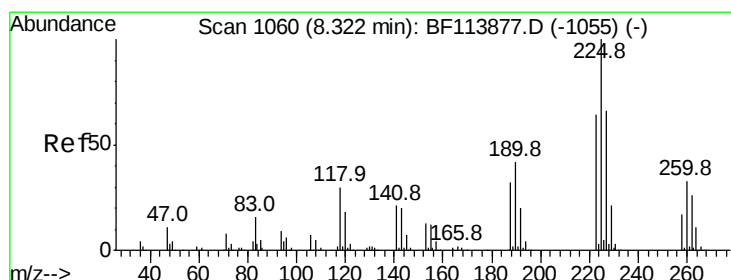
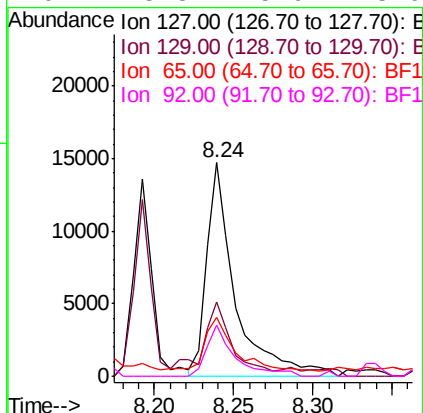
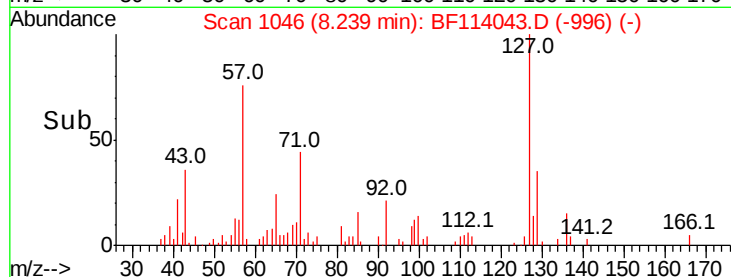
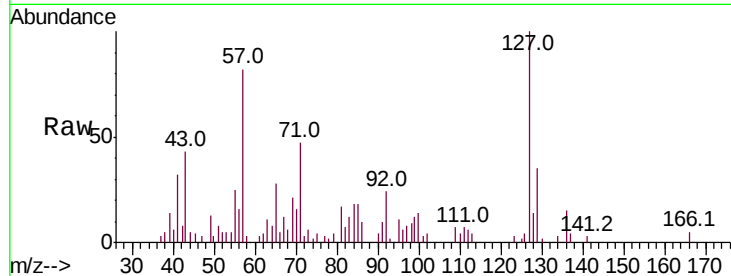
#33
4-Chloroaniline
Concen: 2.133 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.0	26.4	39.6		
65	27.6	24.9	37.3		
92	23.8	15.9	23.9		

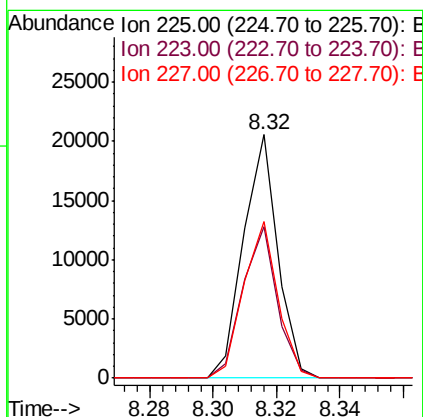
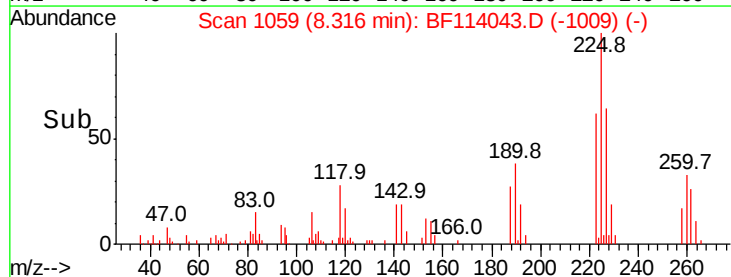
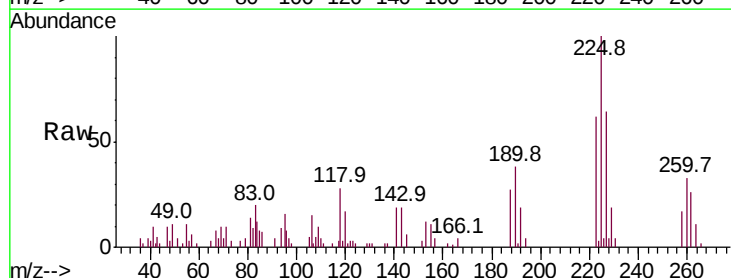
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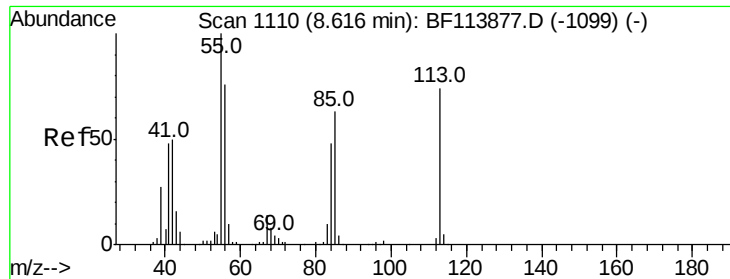
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#34
Hexachlorobutadiene
Concen: 3.354 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	51.1	76.7		
227	64.1	49.9	74.9		





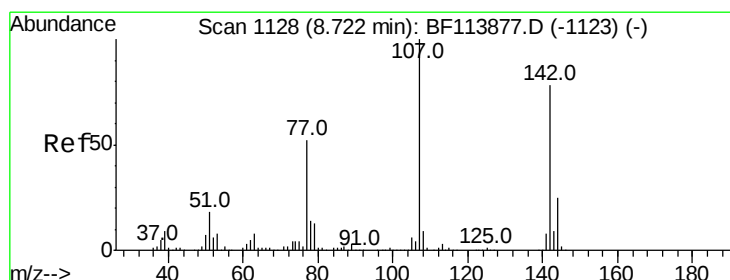
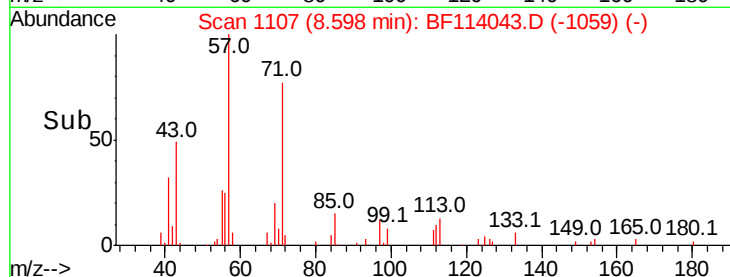
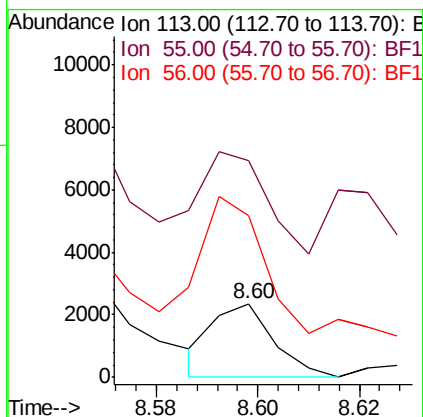
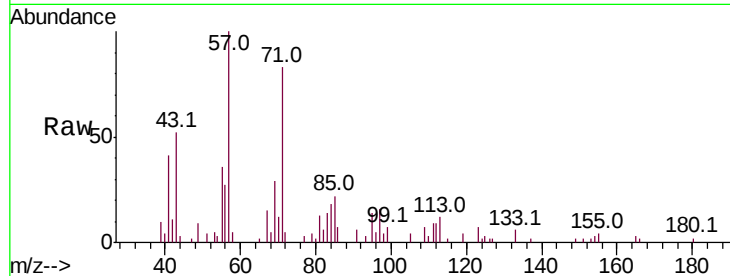
#35
 Caprolactam
 Concen: 0.945 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	293.1	128.6	168.6#
56	219.6	91.9	131.9#

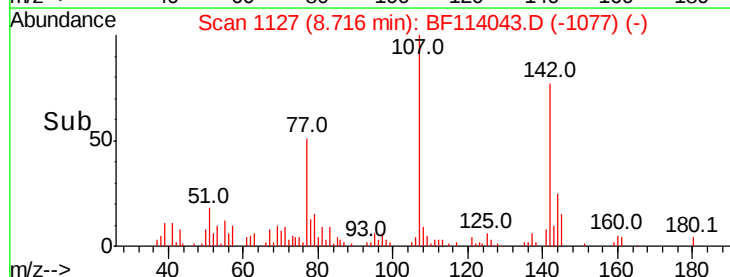
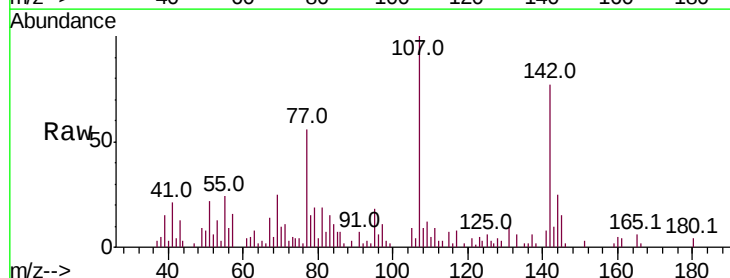
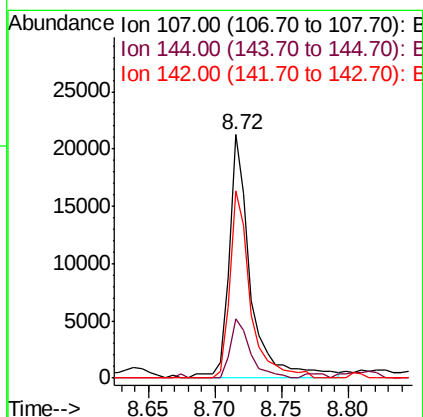
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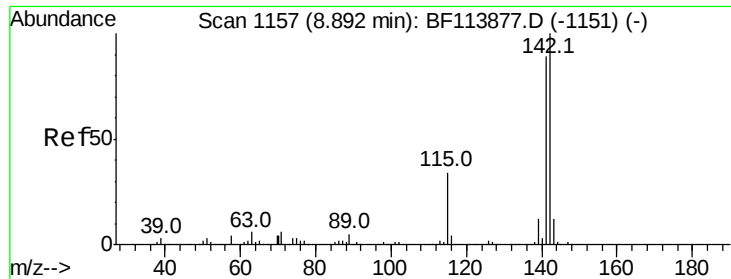
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#36
 4-Chloro-3-methylphenol
 Concen: 3.683 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.5	30.7
142	77.1	64.2	96.4





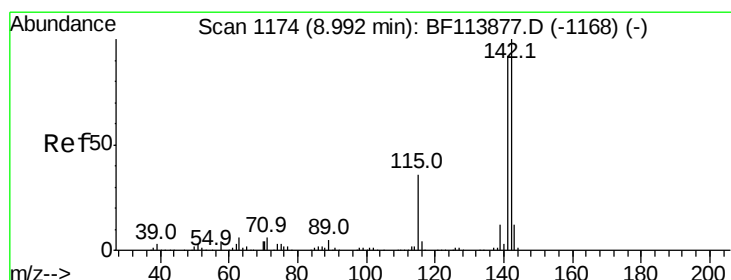
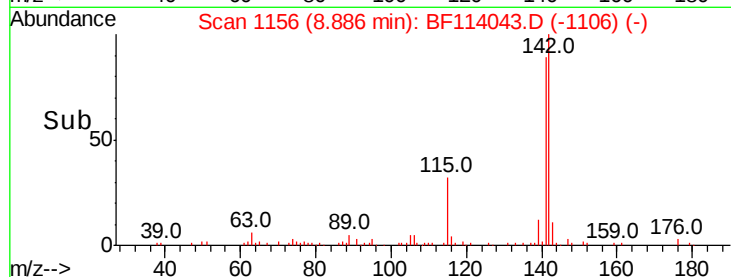
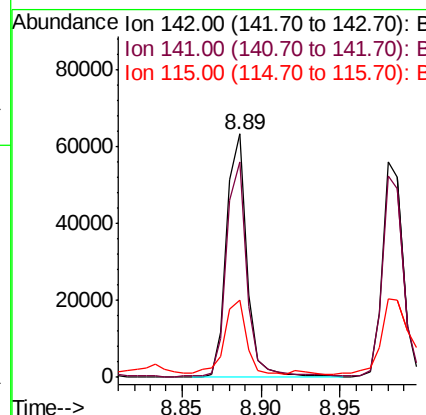
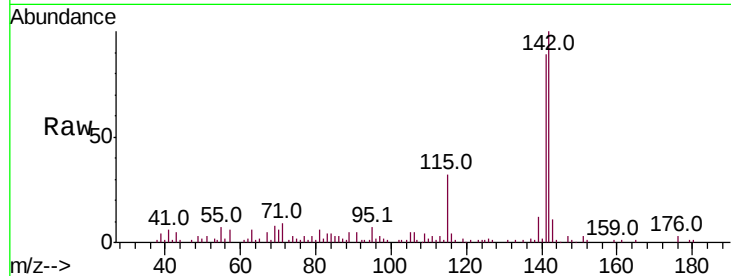
#37
2-Methylnaphthalene
Concen: 4.061 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	31.8	26.3	39.5

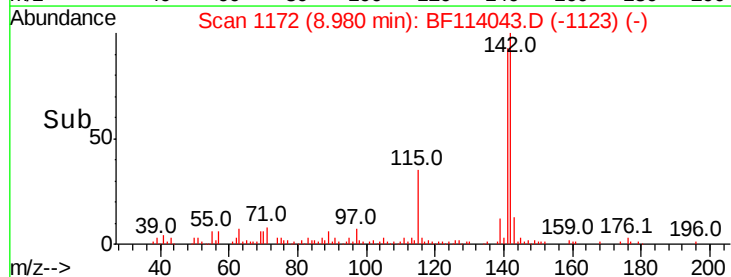
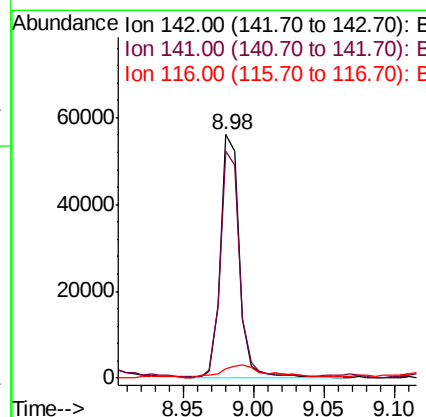
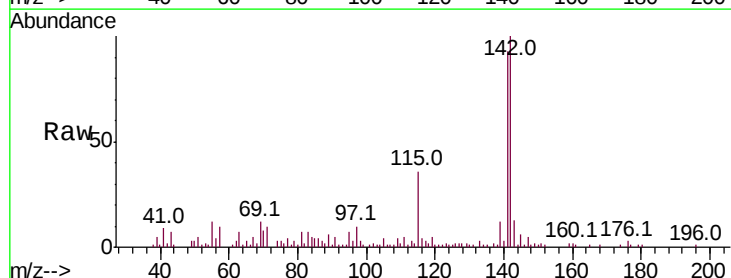
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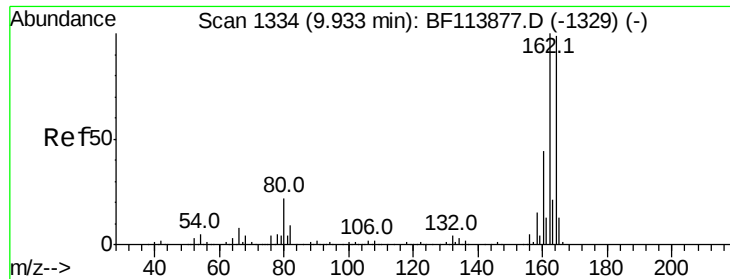
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#38
1-Methylnaphthalene
Concen: 3.919 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.3	108.5
116	4.0	3.0	4.4





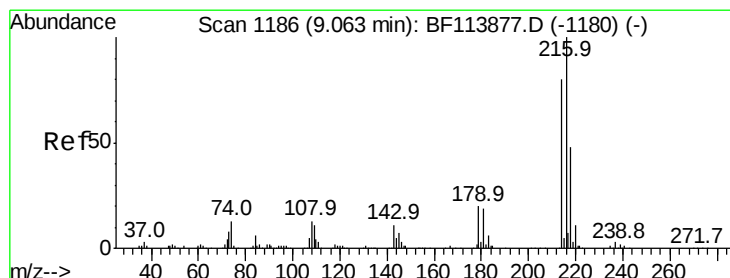
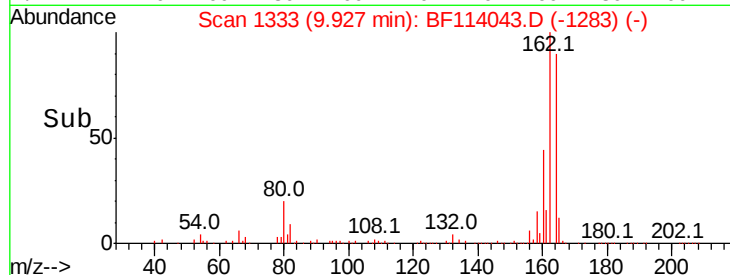
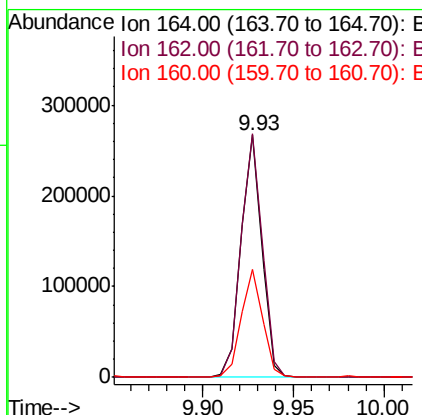
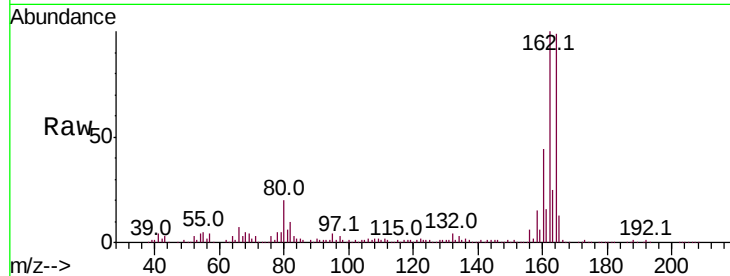
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.1	121.7
160	44.5	35.8	53.6

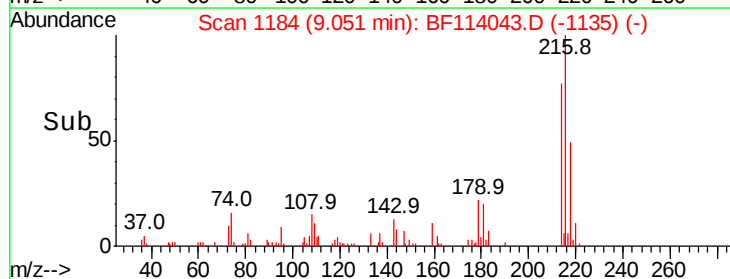
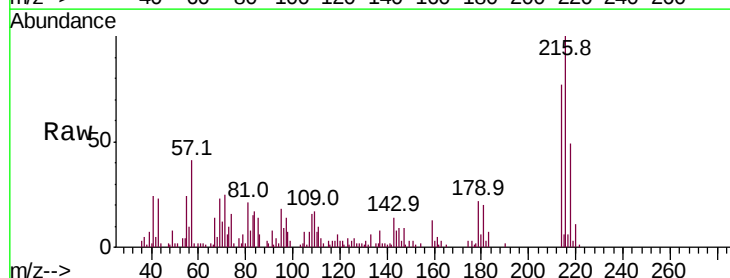
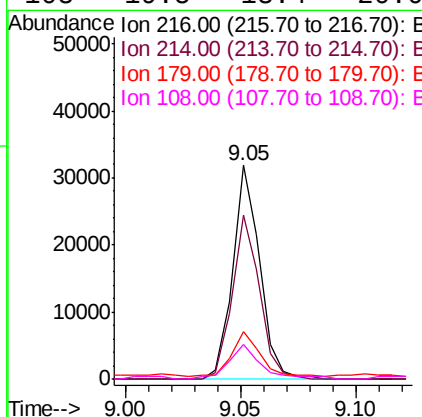
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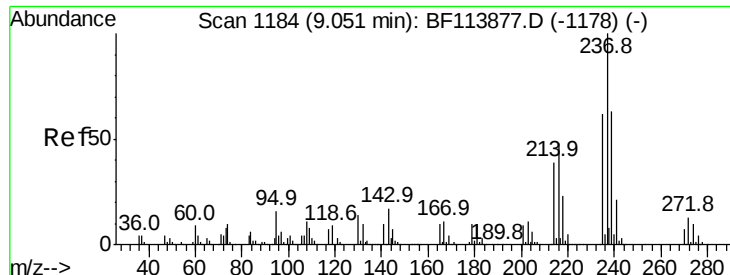
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.756 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.5	95.3
179	23.3	16.1	24.1
108	19.5	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 0.082 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

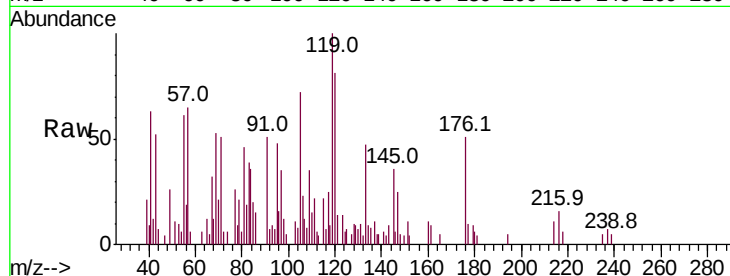
ClientSampleId :

JC-03-042919-AMSD

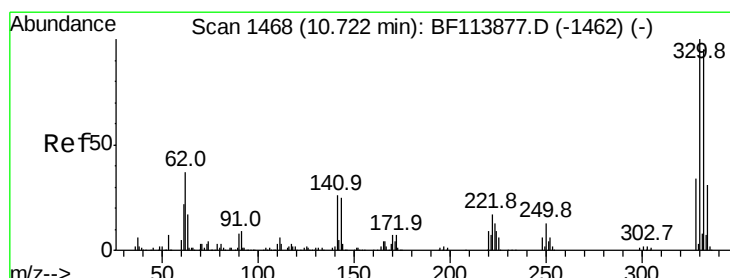
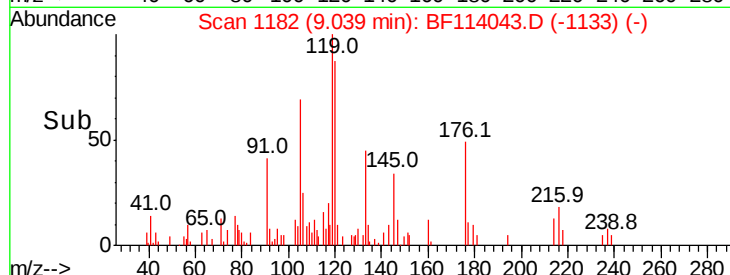
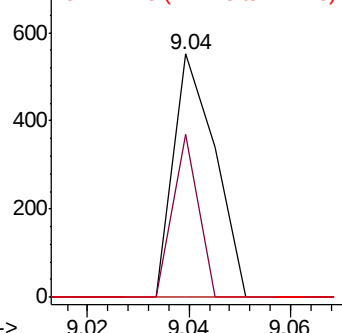
Tot Ion:	237	Resp:	315
Ion Ratio	Lower	Upper	
237	100		
235	66.8	42.6	82.6
272	0.0	0.0	33.8

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 75.277 ng

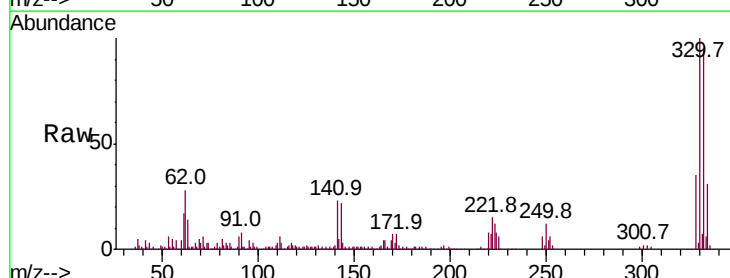
RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

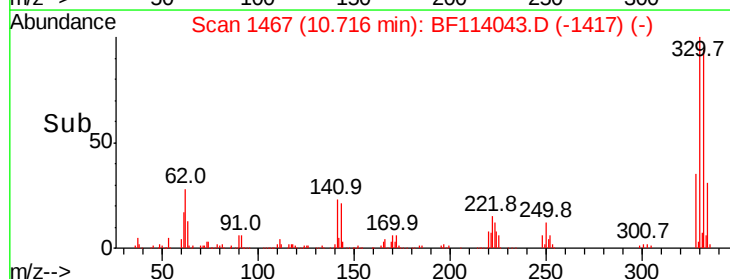
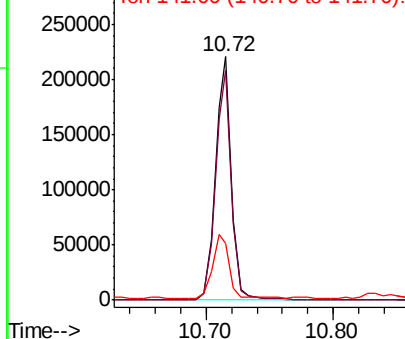
Lab File: BF114043.D

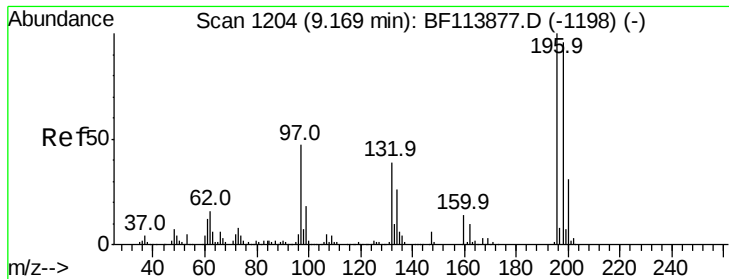
Acq: 30 Apr 2019 15:44

Tgt Ion:	330	Resp:	194822
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.5	116.3
141	27.2	22.2	33.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





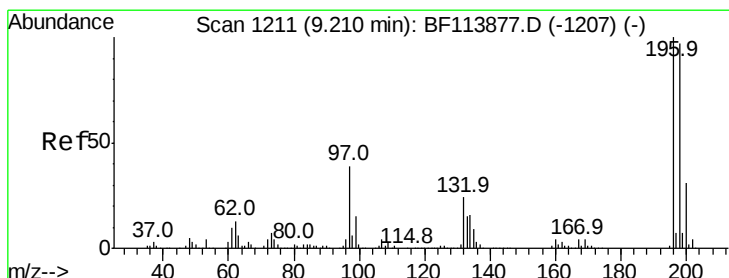
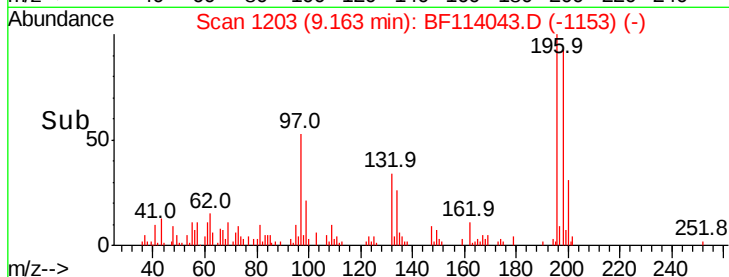
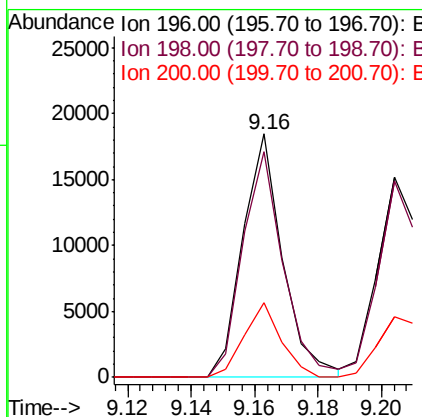
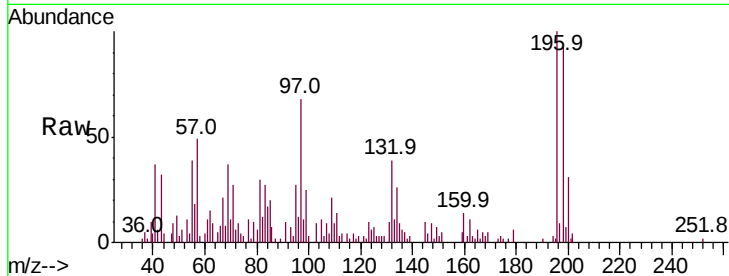
#43
 2,4,6-Trichlorophenol
 Concen: 3.691 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

Tot Ion:	196	Resp:	16174
Ion Ratio	Lower	Upper	
196	100		
198	92.9	75.6	113.4
200	30.7	24.7	37.1

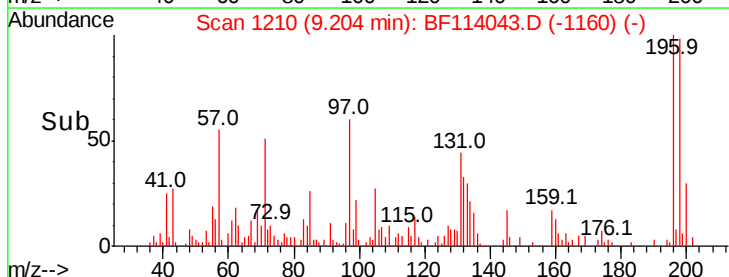
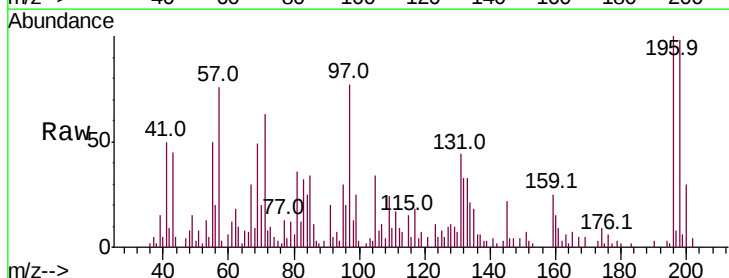
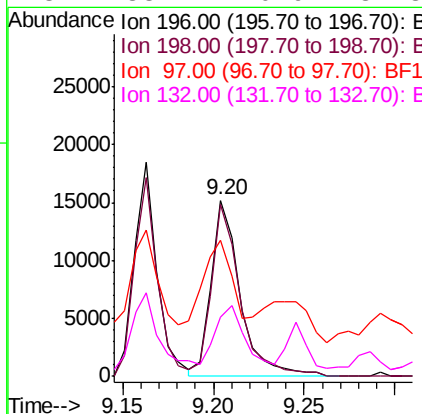
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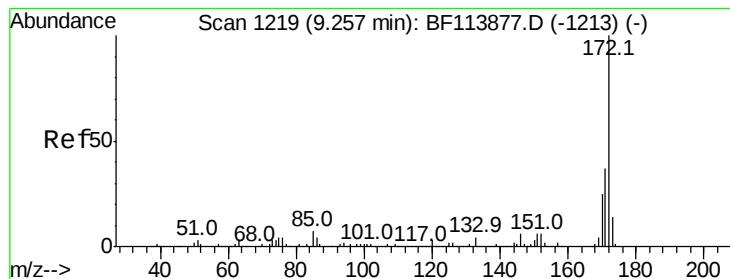
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#44
 2,4,5-Trichlorophenol
 Concen: 3.434 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion:	196	Resp:	16880
Ion Ratio	Lower	Upper	
196	100		
198	97.7	76.2	114.4
97	76.9	35.8	53.8#
132	33.4	20.9	31.3#





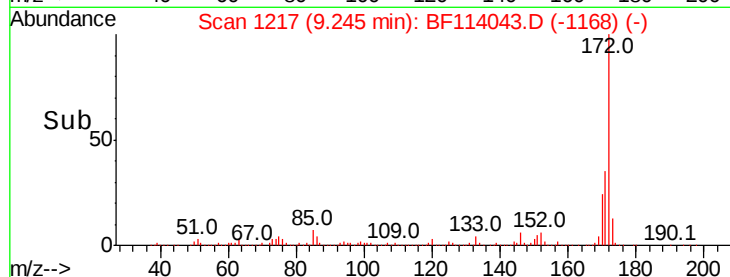
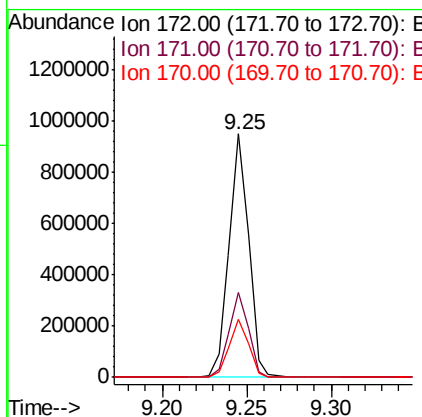
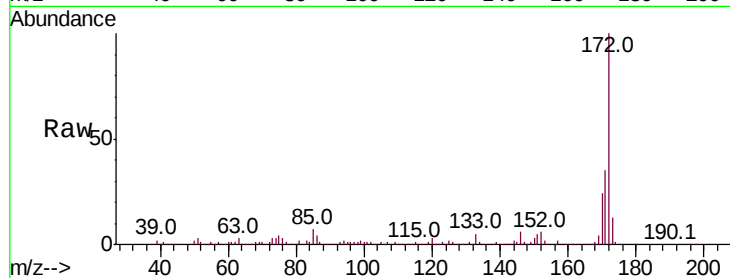
#45
2-Fluorobiphenyl
Concen: 56.545 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	29.4	44.0	
170	23.8	19.9	29.9	

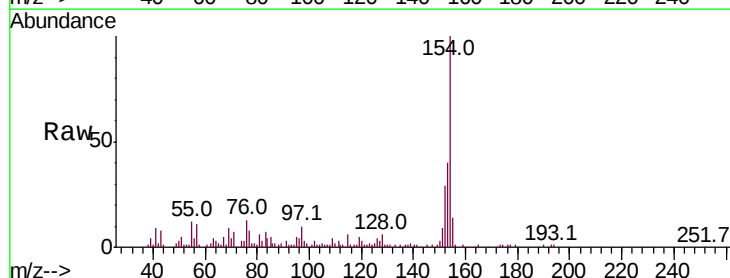
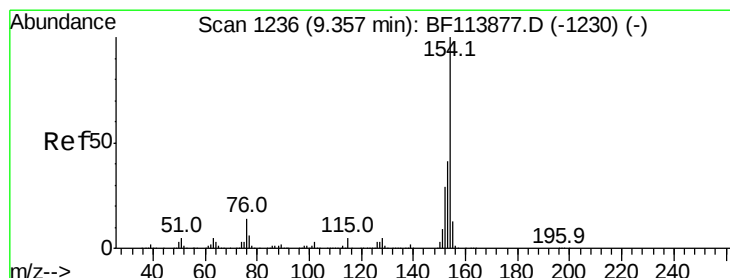
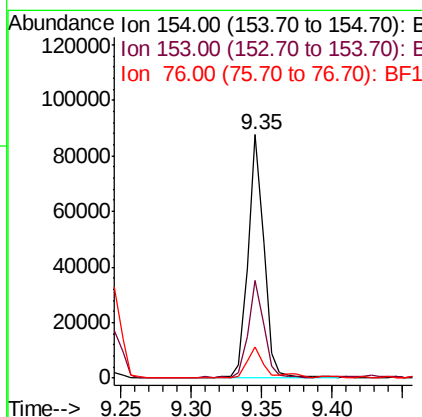
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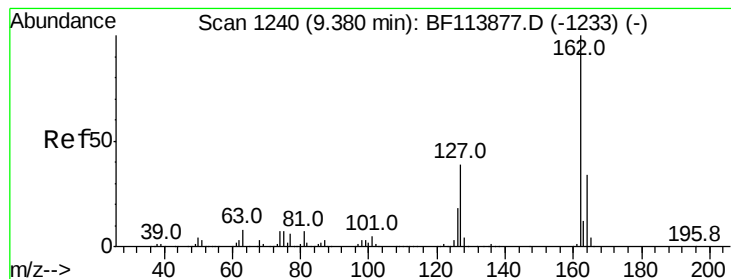
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#46
1,1'-Biphenyl
Concen: 4.264 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	20.8	60.8	
76	12.7	0.0	35.2	





#47

2-Chloronaphthalene

Concen: 3.822 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

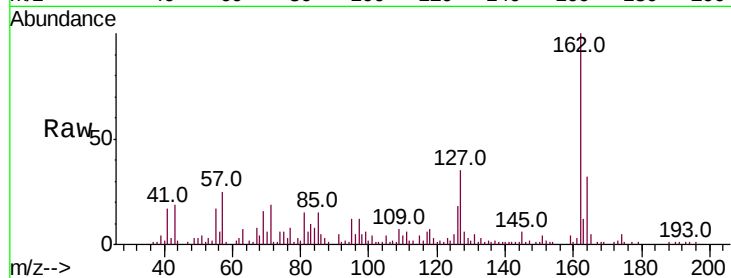
ClientSampleId :

JC-03-042919-AMSD

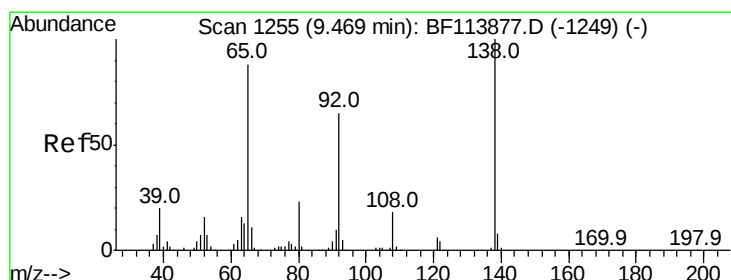
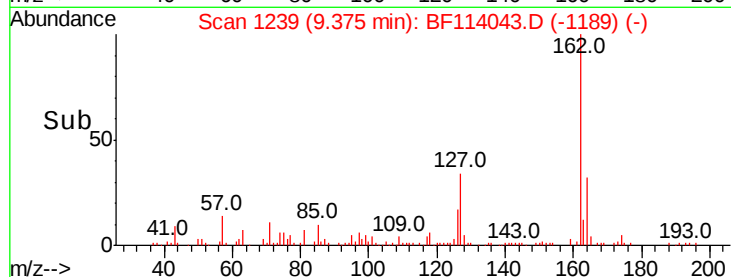
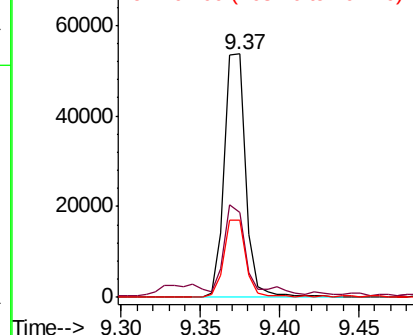
Tot Ion:	162	Resp:	50441
Ion Ratio	Lower	Upper	
162	100		
127	35.0	29.3	43.9
164	32.0	27.1	40.7

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 4.181 ng

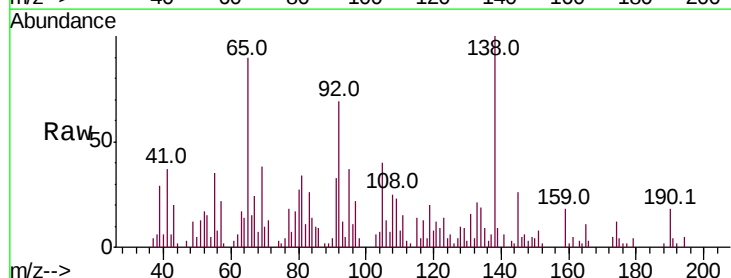
RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

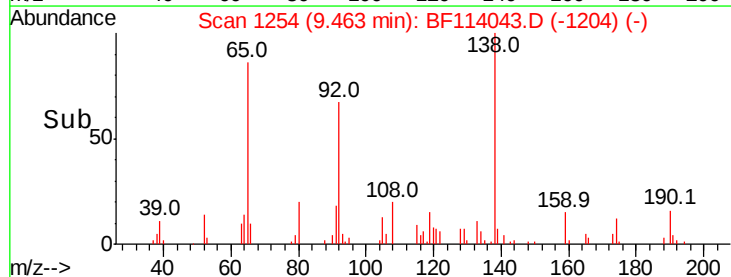
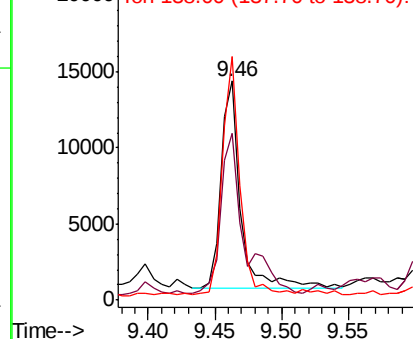
Lab File: BF114043.D

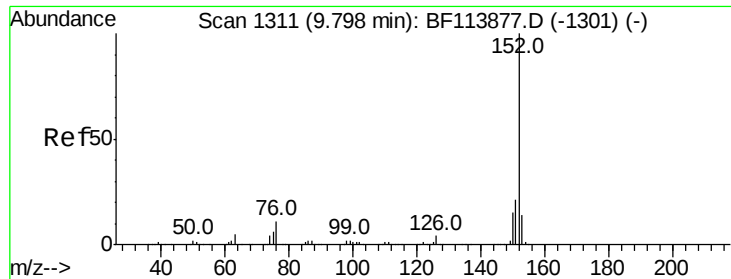
Acq: 30 Apr 2019 15:44

Tgt Ion:	65	Resp:	14465
Ion Ratio	Lower	Upper	
65	100		
92	76.5	57.4	86.0
138	111.3	85.4	128.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 4.055 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

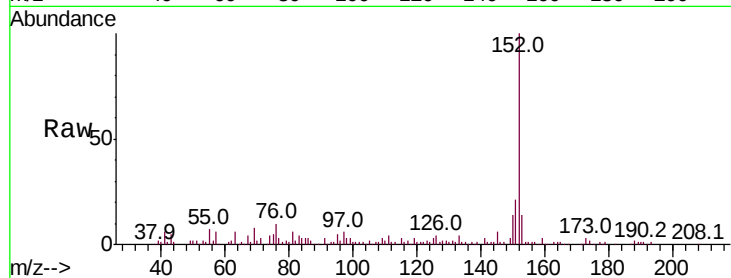
ClientSampleId :

JC-03-042919-AMSD

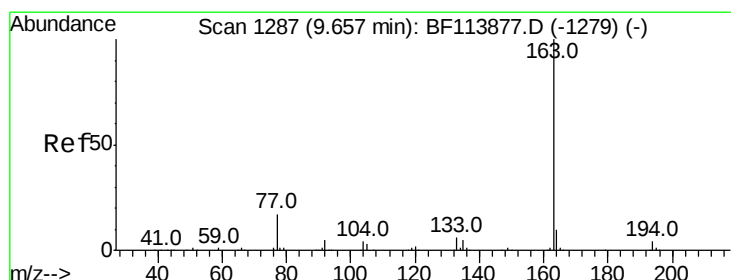
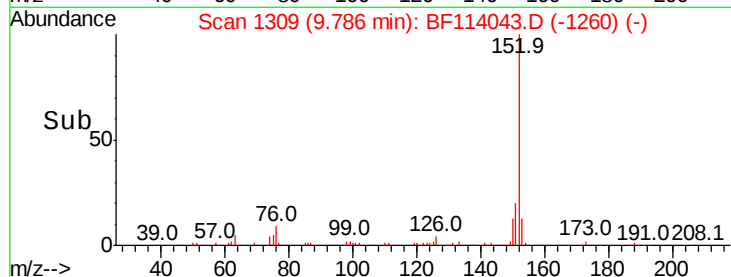
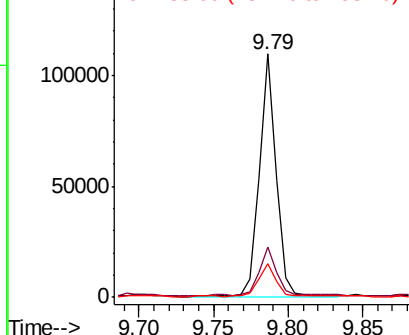
Tot Ion:	152	Resp:	83789
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.0	25.4
153	13.7	11.0	16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 12.943 ng

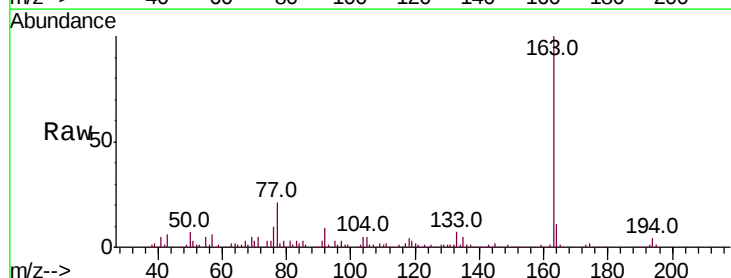
RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

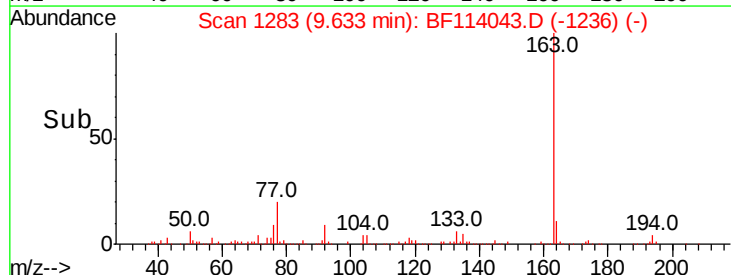
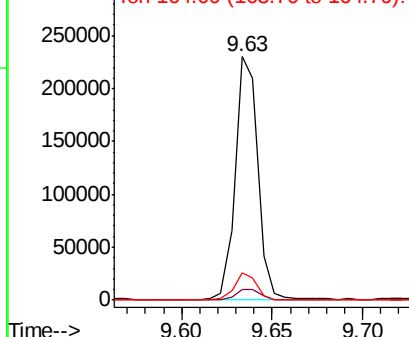
Lab File: BF114043.D

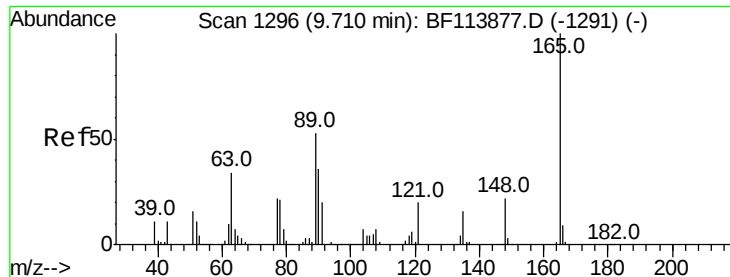
Acq: 30 Apr 2019 15:44

Tgt Ion:	163	Resp:	198866
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	11.0	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 3.112 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

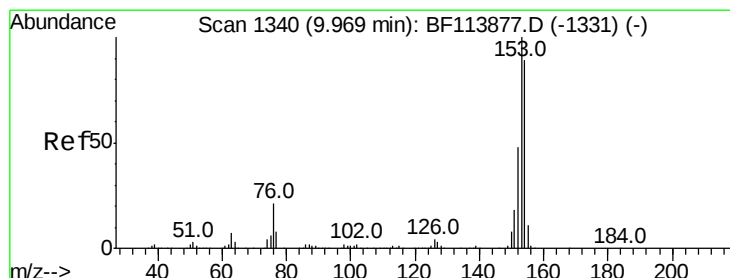
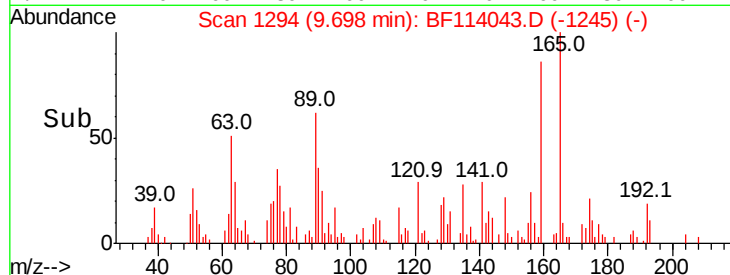
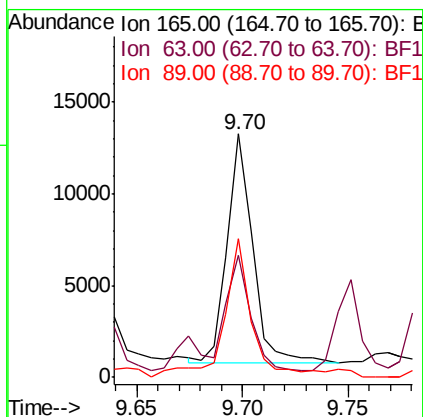
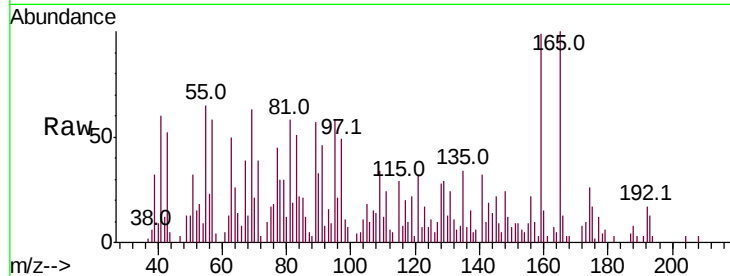
ClientSampleId :

JC-03-042919-AMSD

Tot Ion:	165	Resp:	10258
Ion Ratio	Lower	Upper	
165	100		
63	49.9	33.8	50.8
89	56.9	38.2	57.2

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#52

Acenaphthene

Concen: 3.796 ng

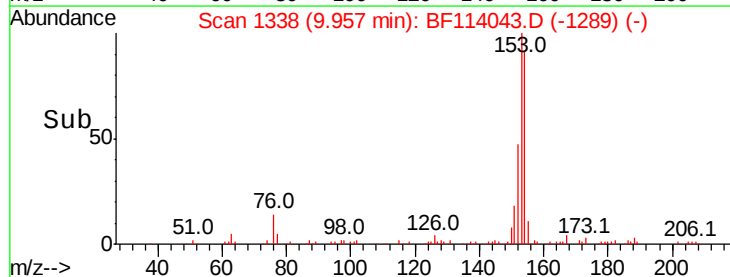
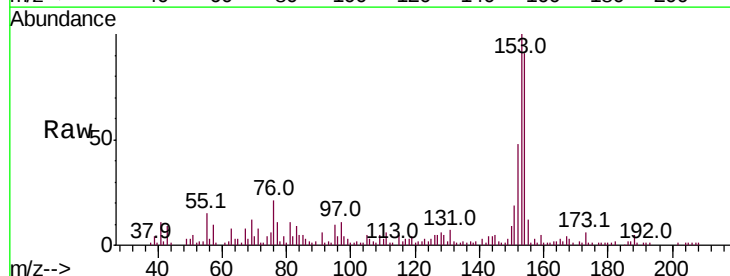
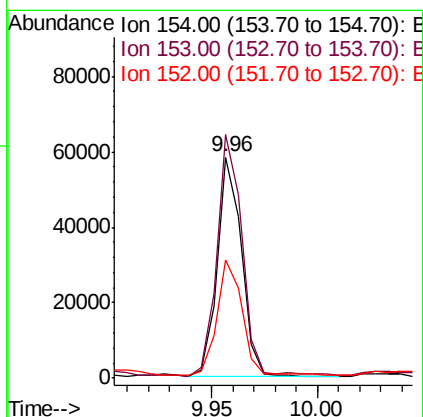
RT: 9.96 min Scan# 1338

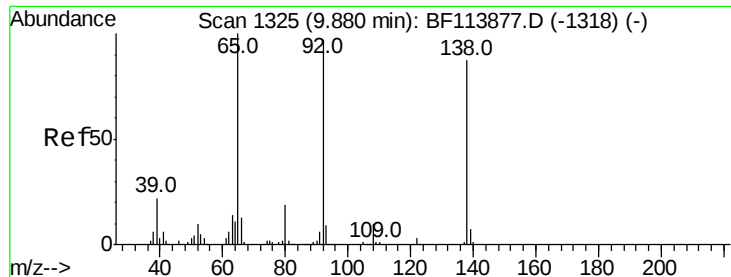
Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	154	Resp:	46356
Ion Ratio	Lower	Upper	
154	100		
153	110.2	87.2	130.8
152	53.3	42.3	63.5





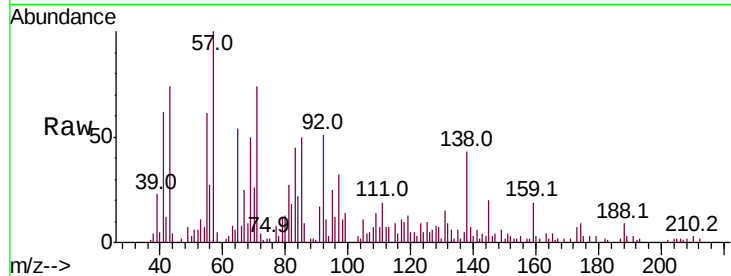
#53
3-Nitroaniline
Concen: 2.962 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

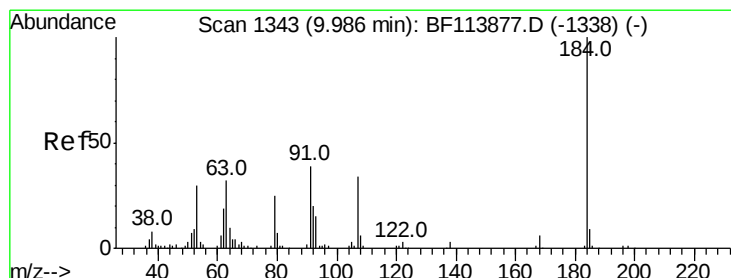
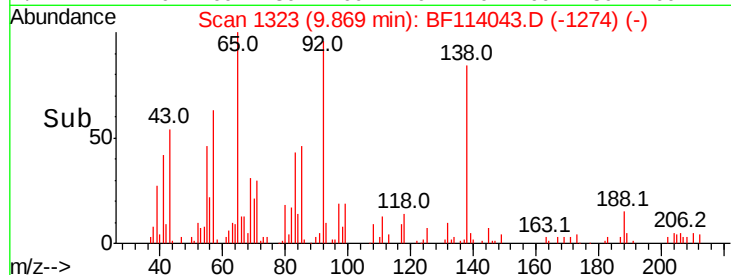
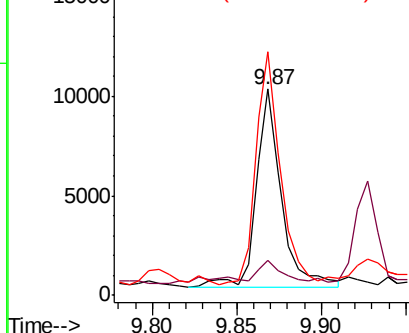
Tot Ion:138 Resp: 10259
Ion Ratio Lower Upper
138 100
108 17.0 9.4 14.2#
92 118.0 94.1 141.1

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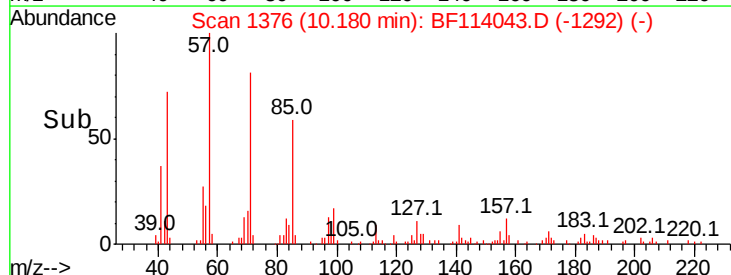
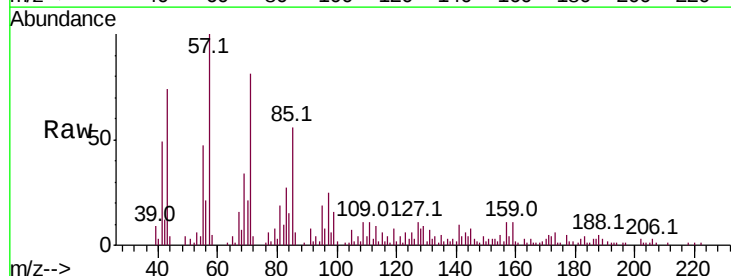
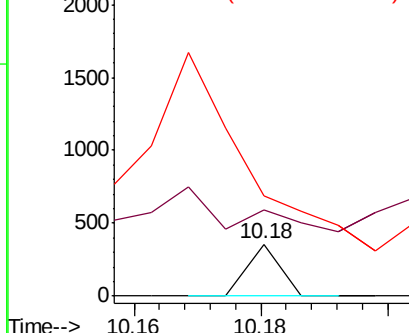
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

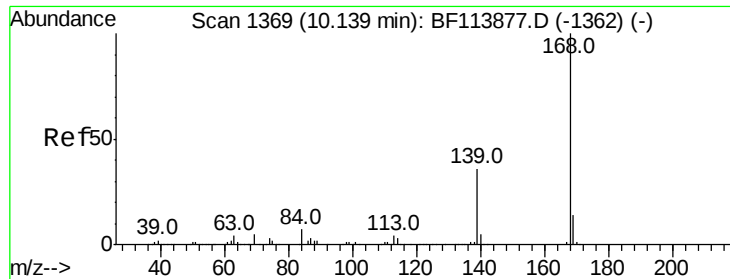


#54
2,4-Dinitrophenol
Concen: 8.398 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.19 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion:184 Resp: 126
Ion Ratio Lower Upper
184 100
63 165.0 54.6 81.8#
154 193.6 218.6 328.0#

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





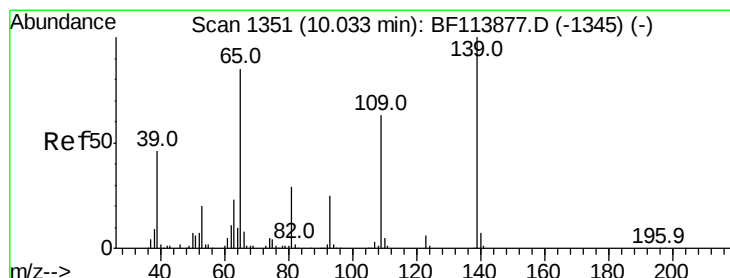
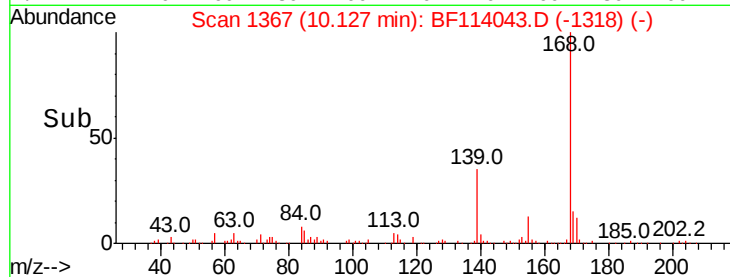
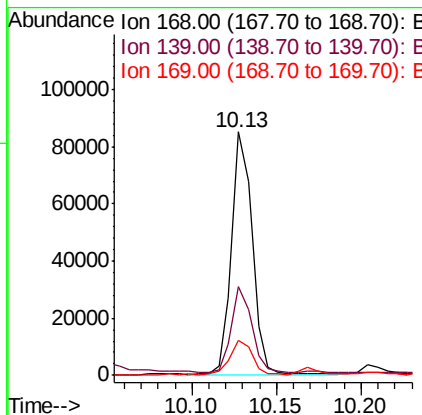
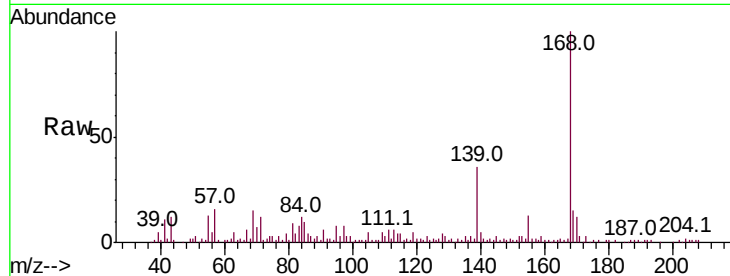
#55
Dibenzofuran
Concen: 4.031 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	27.8	41.6
169	14.6	11.0	16.6

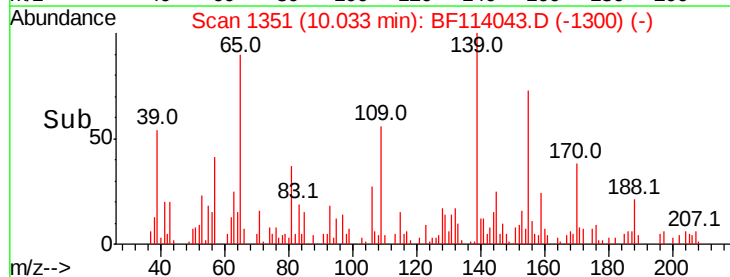
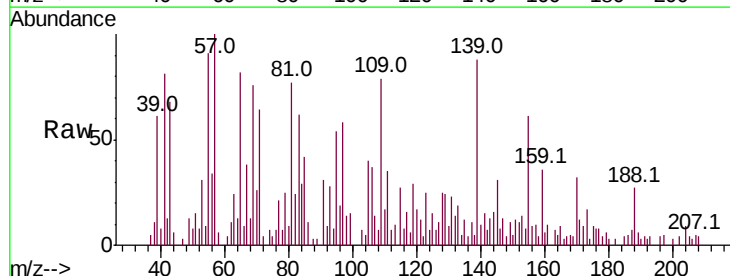
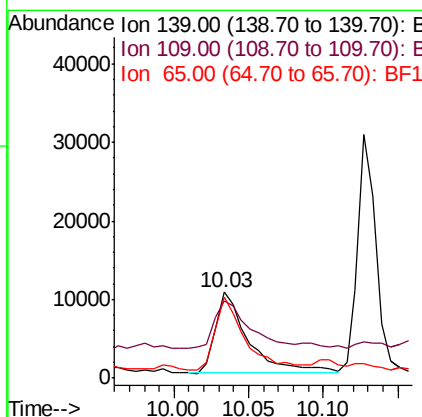
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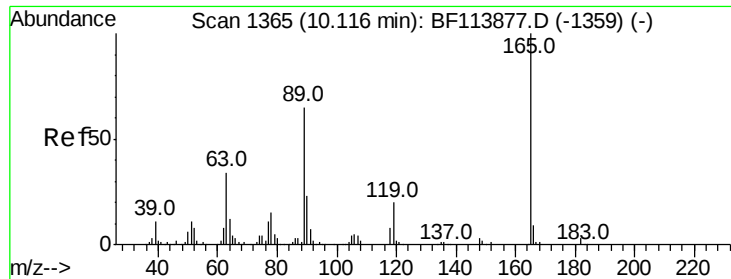
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#56
4-Nitrophenol
Concen: 5.815 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.3	42.9	82.9#
65	93.6	64.4	104.4





#57

2,4-Dinitrotoluene

Concen: 2.653 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

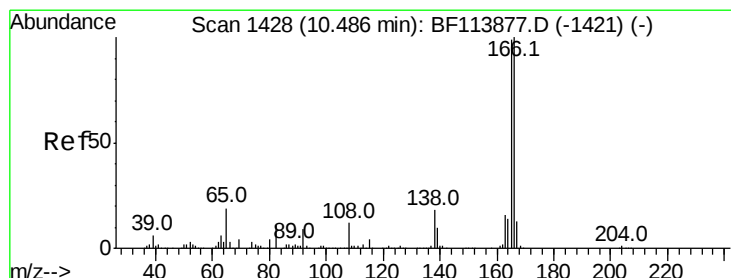
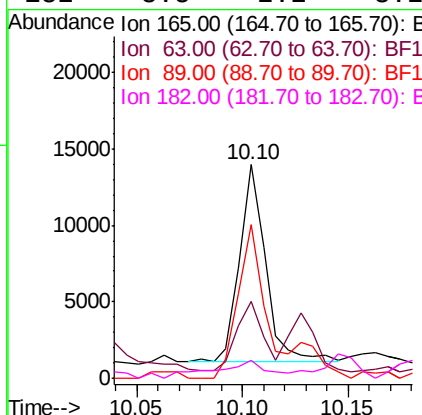
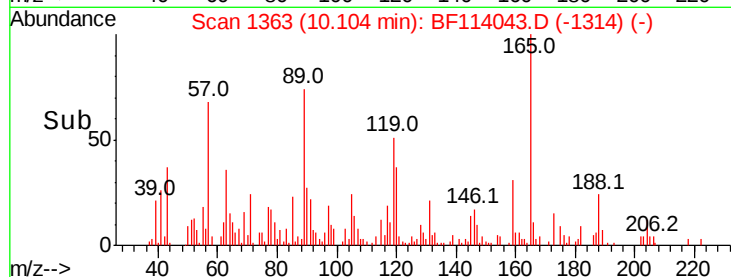
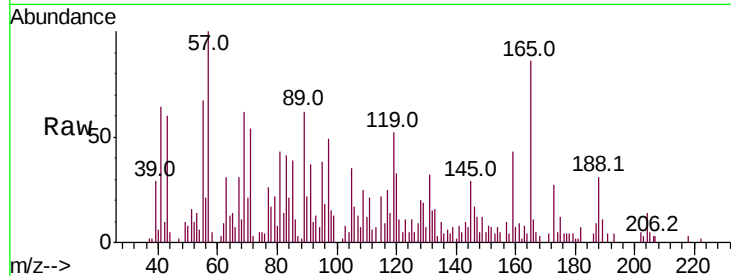
ClientSampleId :

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Tot Ion:	165	Resp:	11037
Ion Ratio	Lower	Upper	
165	100		
63	35.9	27.4	41.0
89	71.9	51.8	77.6
182	8.5	2.2	3.2#

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#58

Fluorene

Concen: 4.201 ng

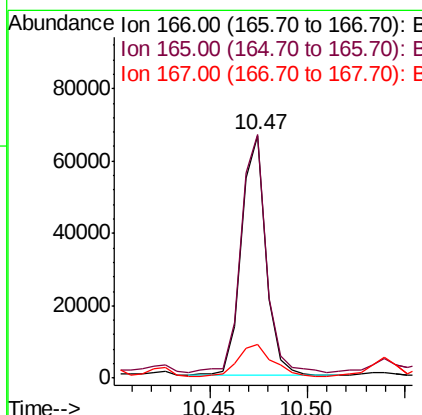
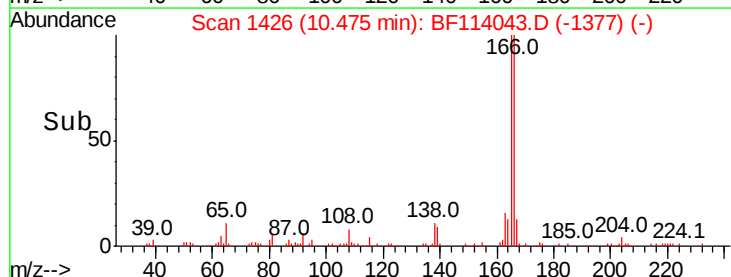
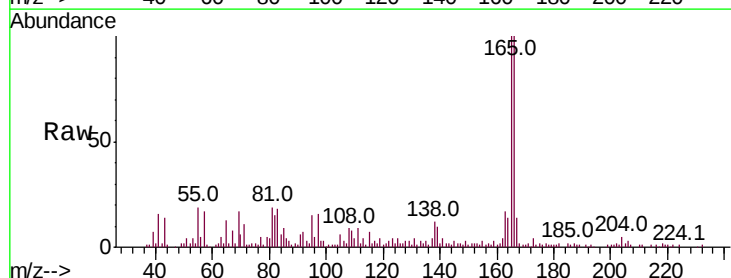
RT: 10.47 min Scan# 1426

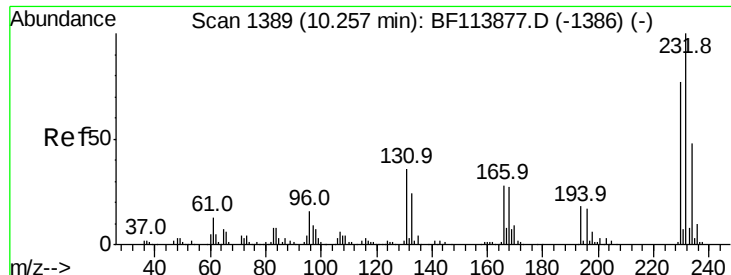
Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	166	Resp:	57846
Ion Ratio	Lower	Upper	
166	100		
165	100.3	78.4	117.6
167	14.1	10.9	16.3





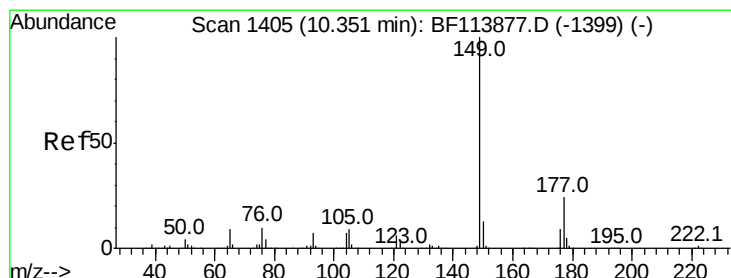
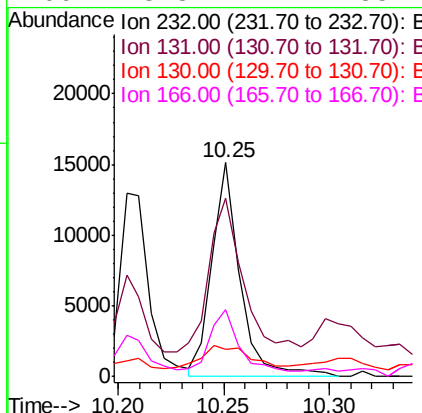
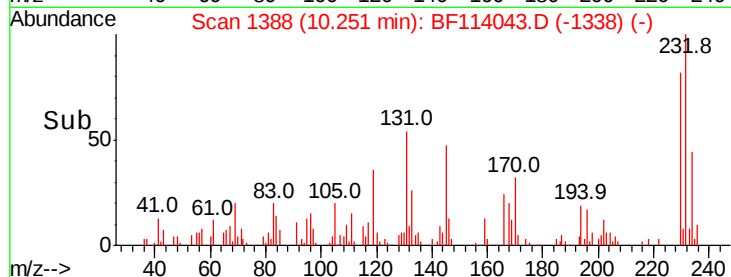
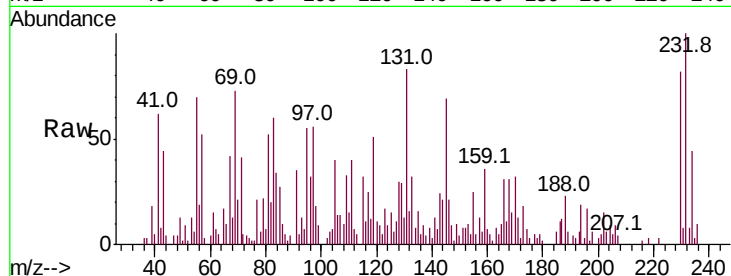
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.260 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	86.2	30.2	45.2#
130	18.5	1.5	2.3#
166	28.8	22.2	33.4

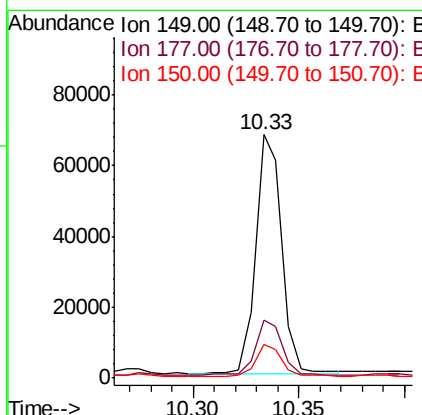
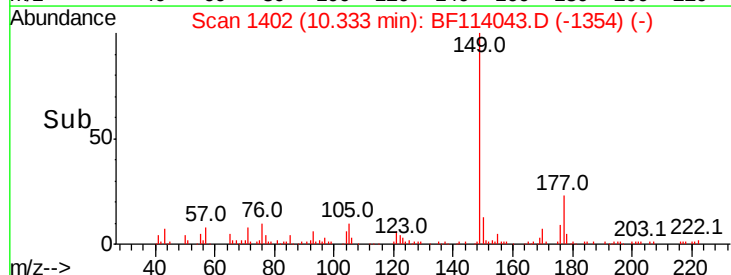
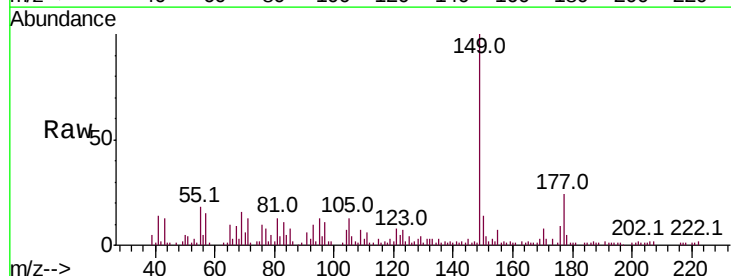
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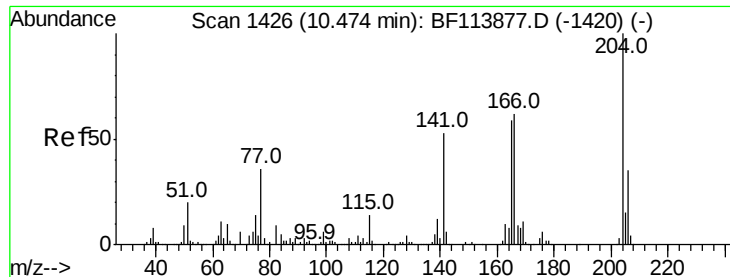
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#60
Diethylphthalate
Concen: 3.976 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.2	28.8
150	13.8	10.3	15.5





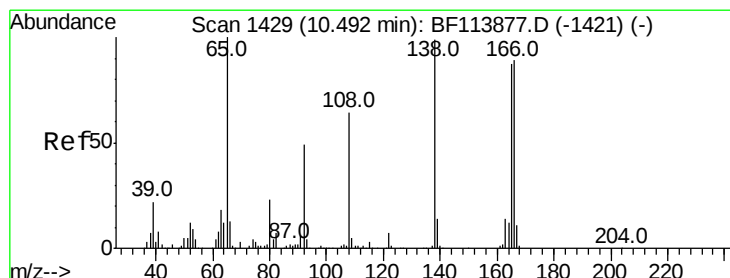
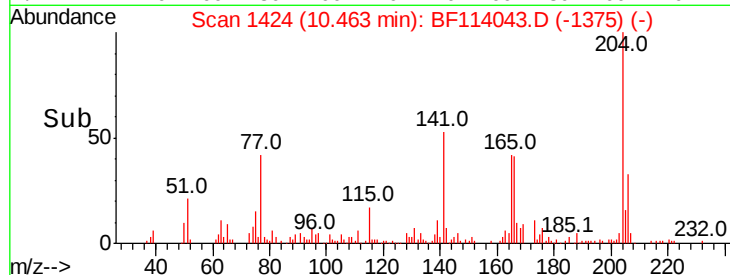
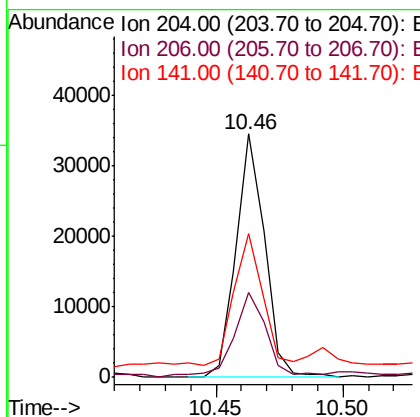
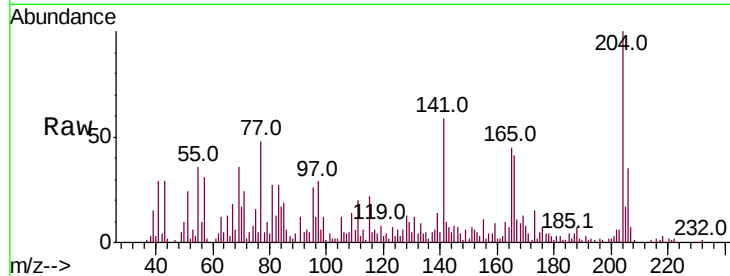
#61
4-Chlorophenyl-phenylether
Concen: 3.731 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.4	41.2
141	59.2	42.6	63.8

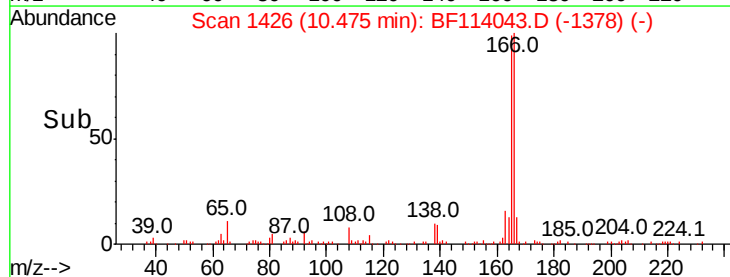
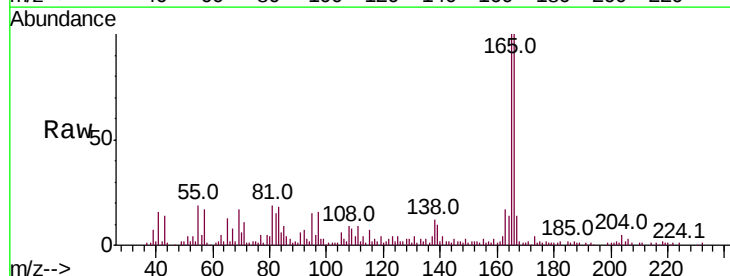
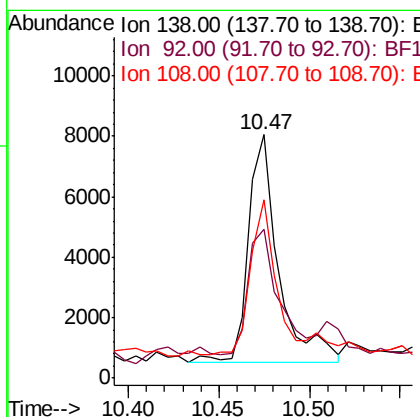
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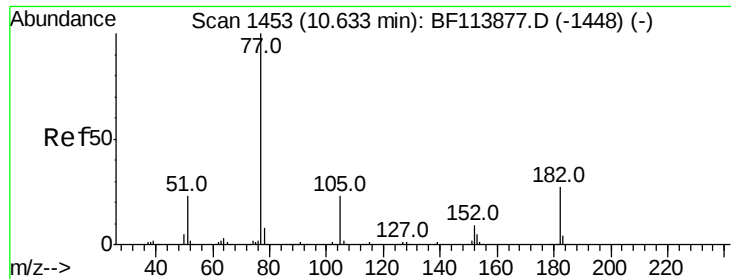
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#62
4-Nitroaniline
Concen: 2.584 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.2	31.3	71.3
108	73.2	48.9	88.9





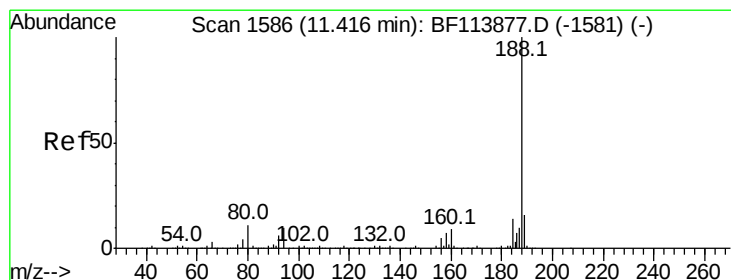
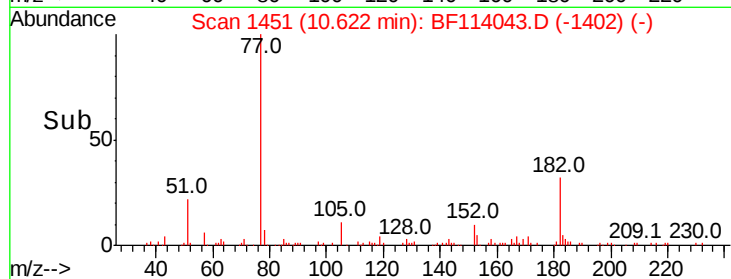
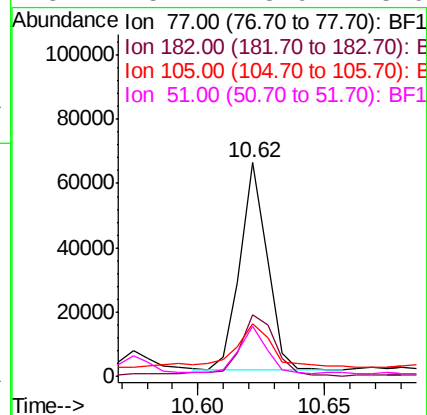
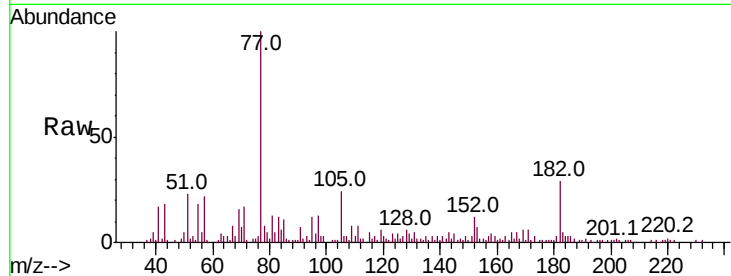
#63
Azobenzene
Concen: 3.396 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	4.4	44.4
105	24.3	2.2	42.2
51	23.4	3.9	43.9

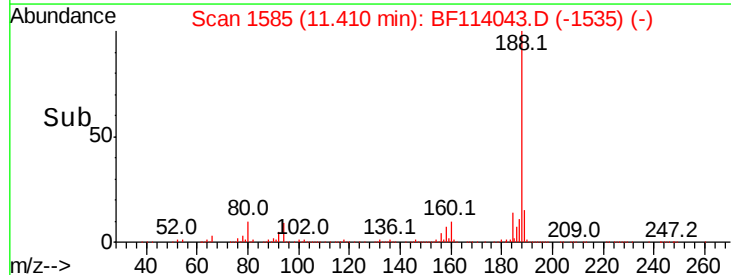
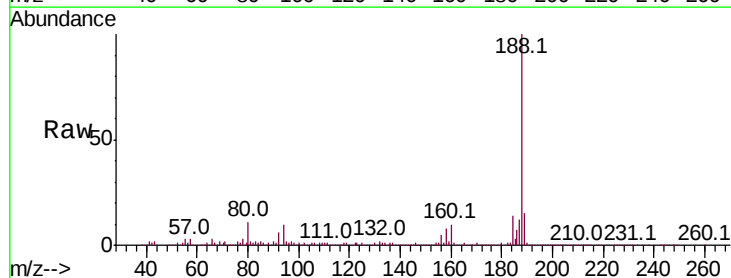
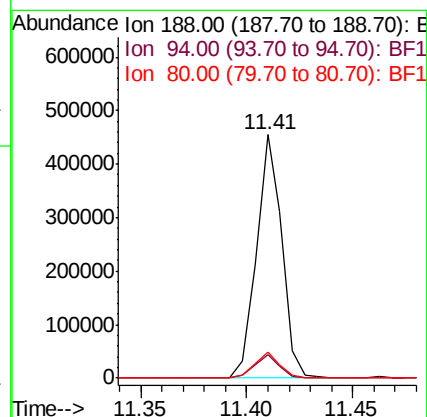
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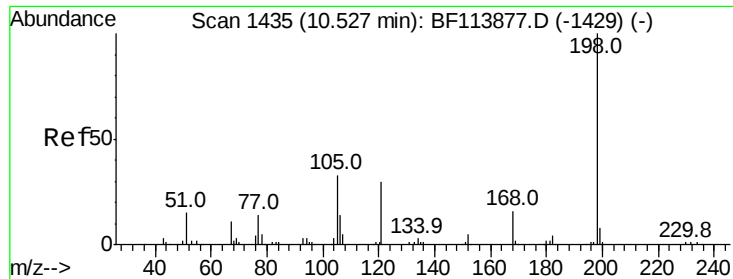
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.4
80	10.5	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.368 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

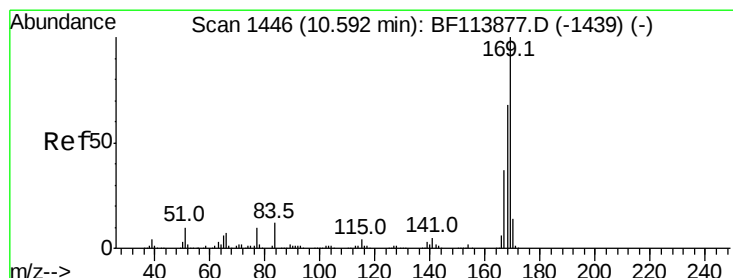
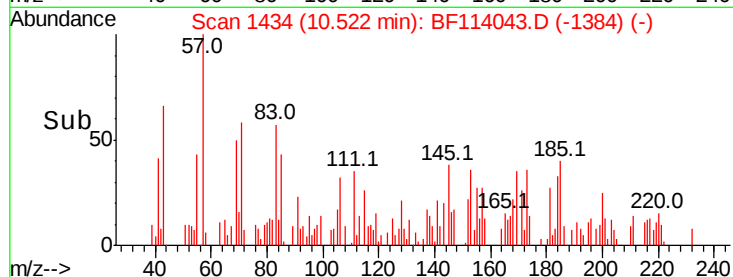
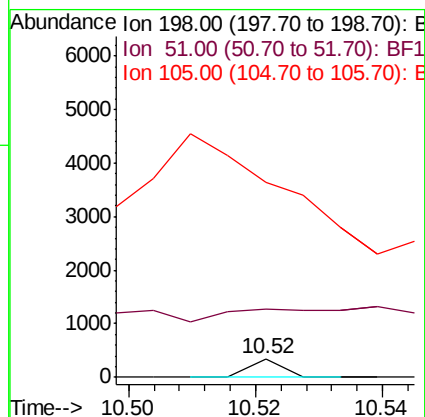
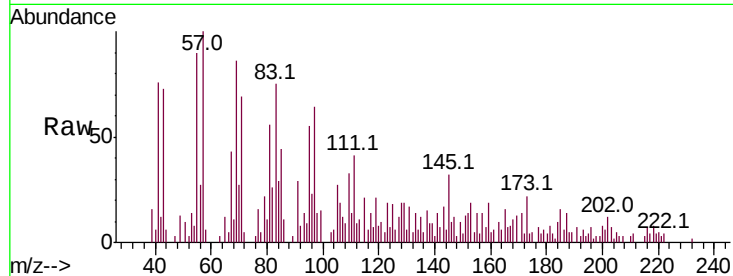
ClientSampleId :

JC-03-042919-AMSD

Tot Ion:	198	Resp:	123
Ion Ratio	Lower	Upper	
198	100		
51	365.5	11.1	51.1#
105	1043.4	20.7	60.7

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#66

n-Nitrosodiphenylamine

Concen: 4.612 ng

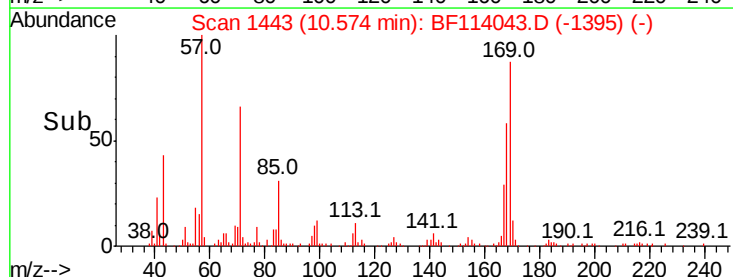
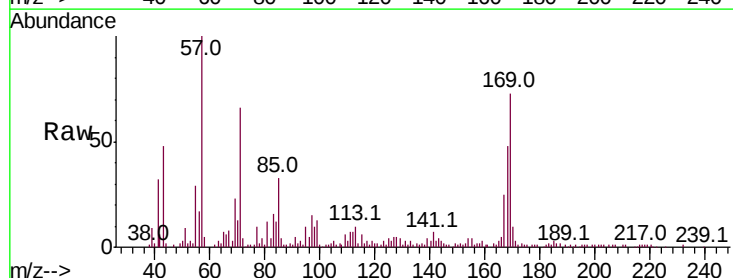
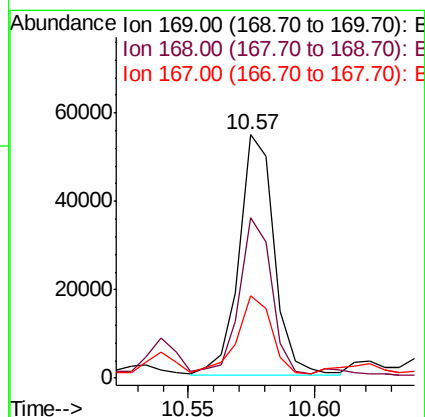
RT: 10.57 min Scan# 1443

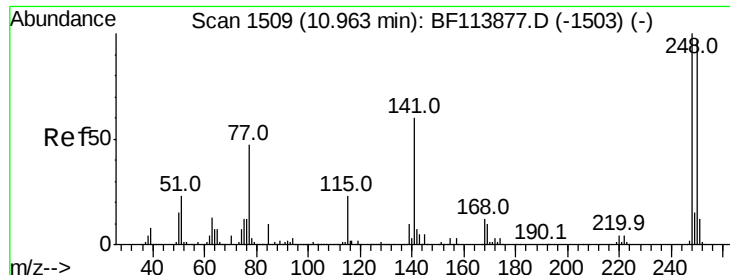
Delta R.T. -0.02 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	169	Resp:	52601
Ion Ratio	Lower	Upper	
169	100		
168	66.1	54.3	81.5
167	33.7	29.4	44.0





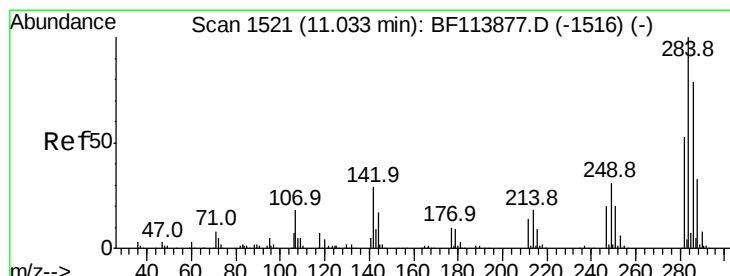
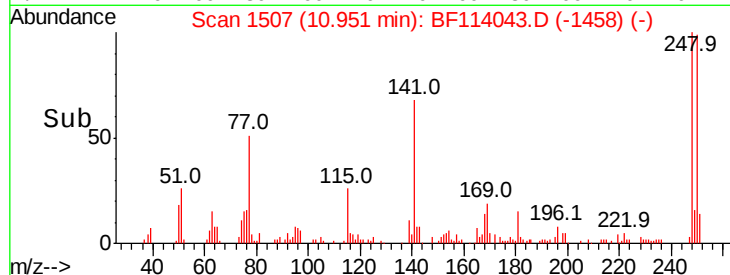
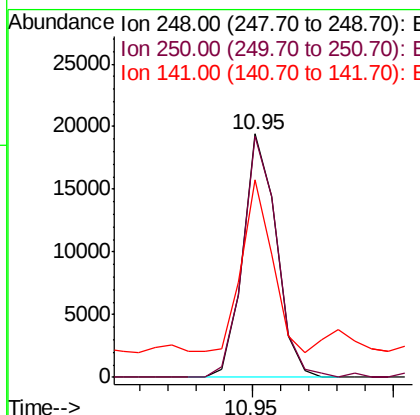
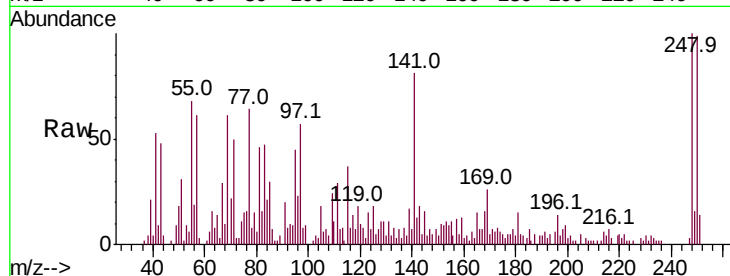
#67
 4-Bromophenyl-phenylether
 Concen: 3.450 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

Tot Ion:	248	Resp:	15841
Ion Ratio	Lower	Upper	
248	100		
250	99.3	75.8	113.6
141	81.3	50.2	75.4#

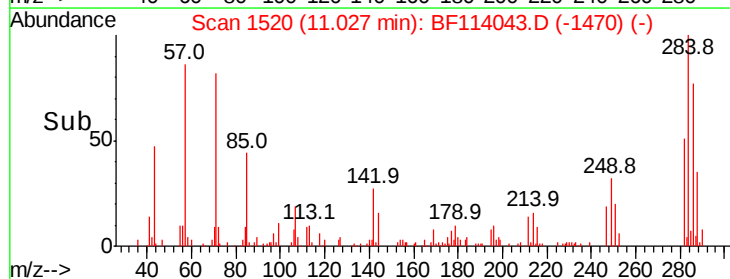
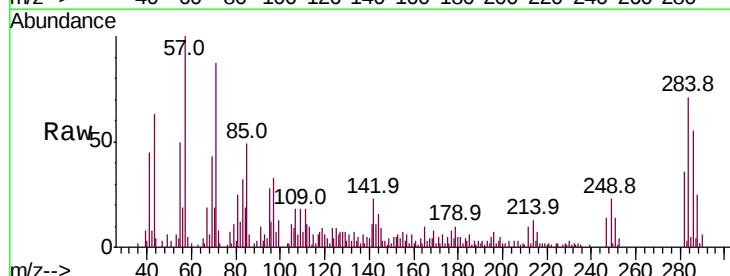
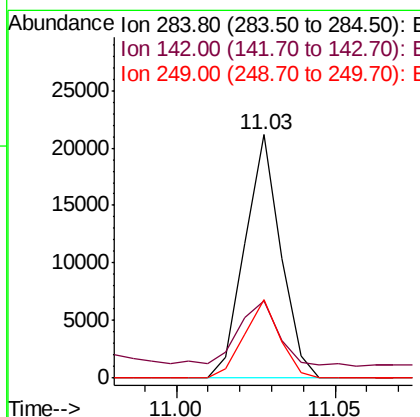
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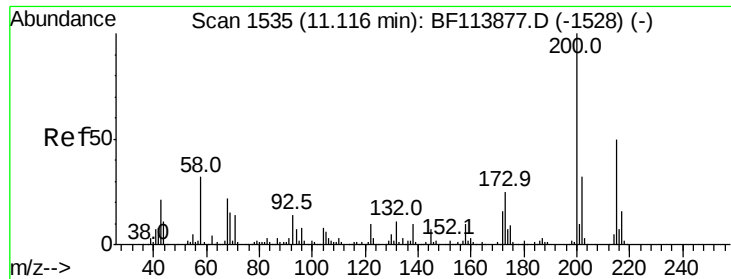
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#68
 Hexachlorobenzene
 Concen: 3.297 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion:	284	Resp:	16635
Ion Ratio	Lower	Upper	
284	100		
142	31.6	23.0	34.4
249	32.1	24.4	36.6





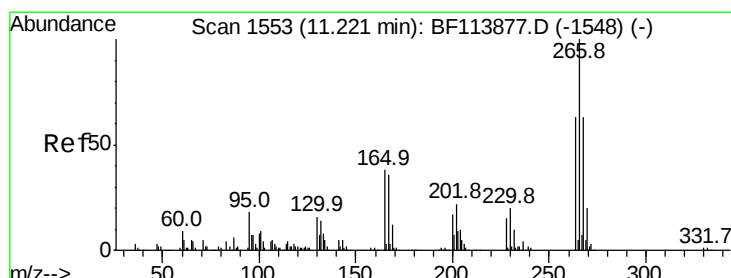
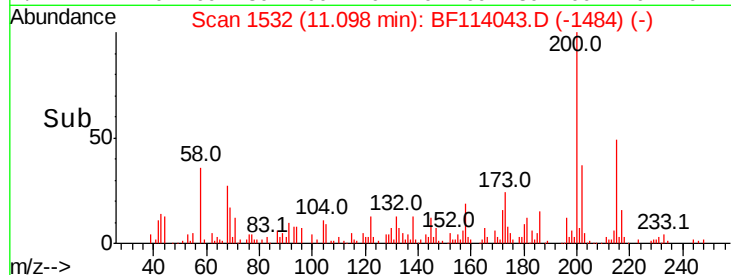
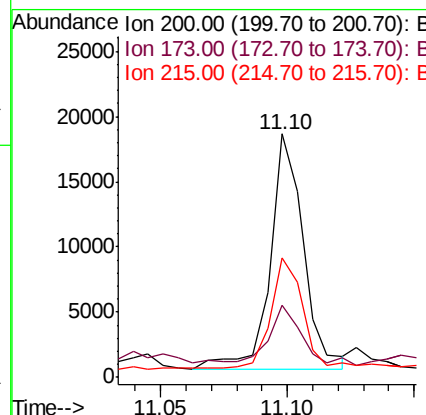
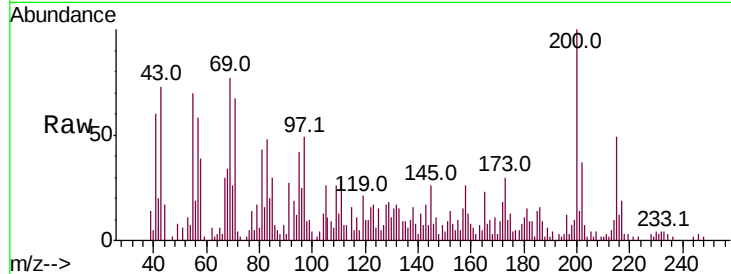
#69
Atrazine
Concen: 4.442 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.02 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.6	5.9	45.9
215	49.0	29.3	69.3

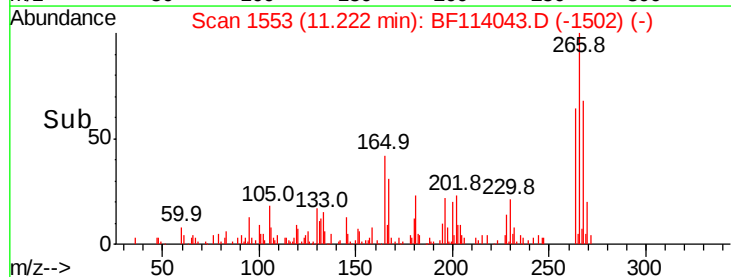
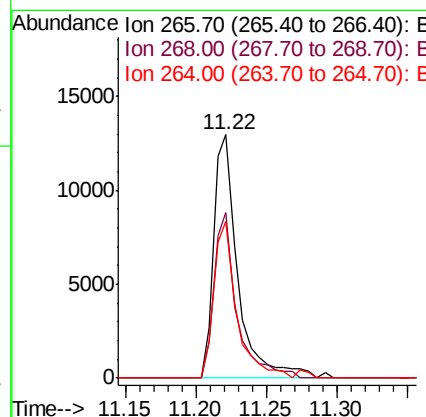
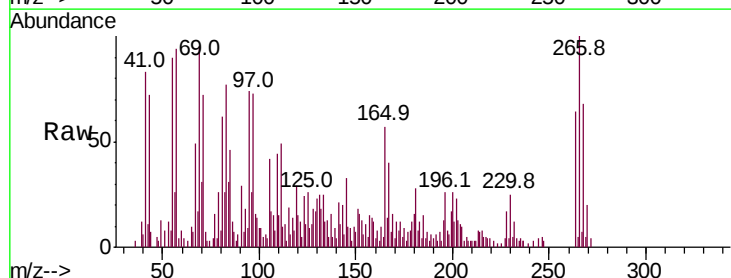
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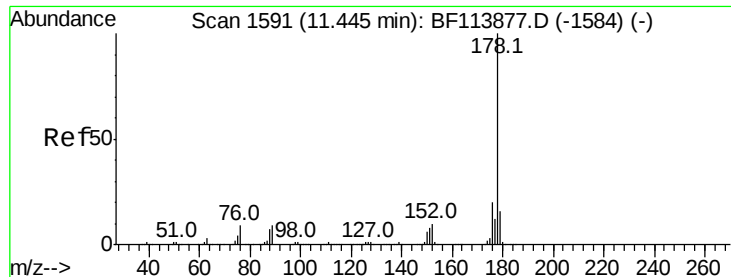
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#70
Pentachlorophenol
Concen: 5.406 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	53.5	80.3
264	69.3	51.0	76.6





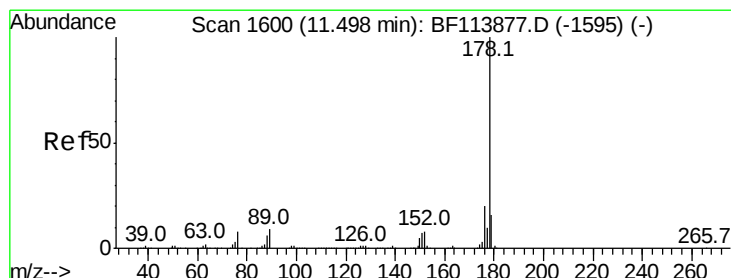
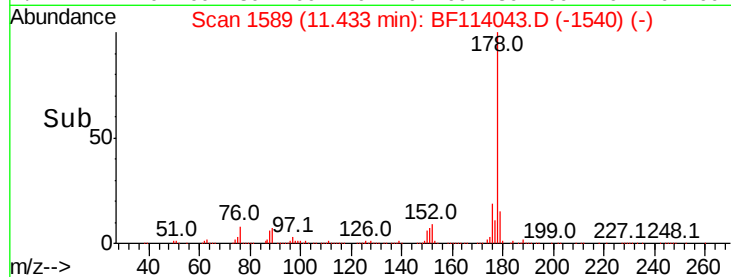
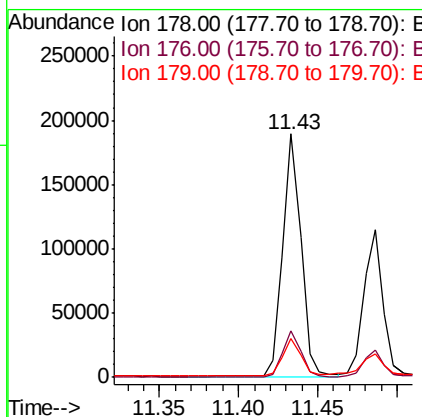
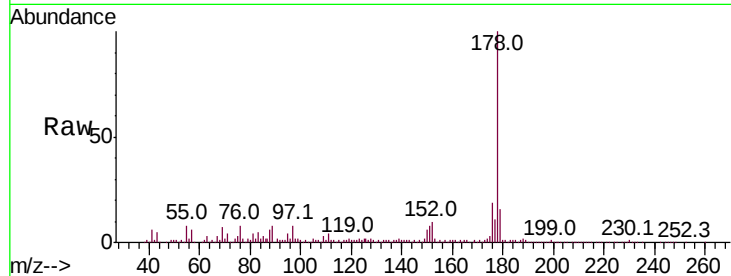
#71
Phenanthrene
Concen: 7.944 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.1	24.1
179	15.8	12.8	19.2

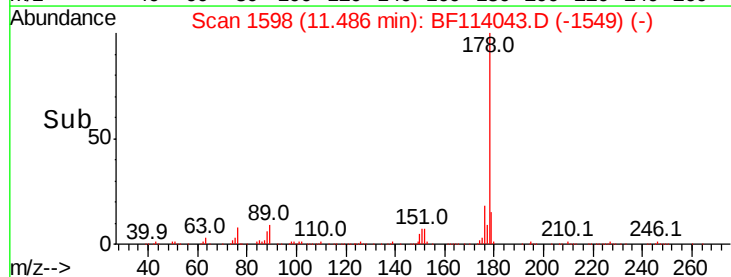
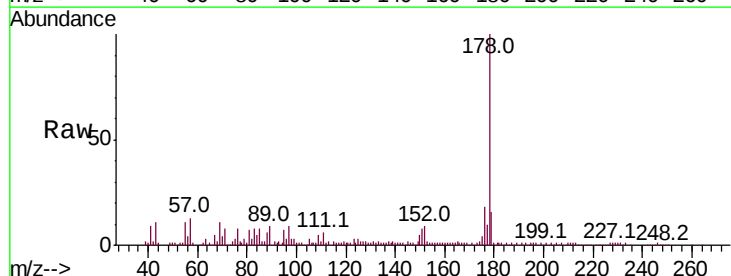
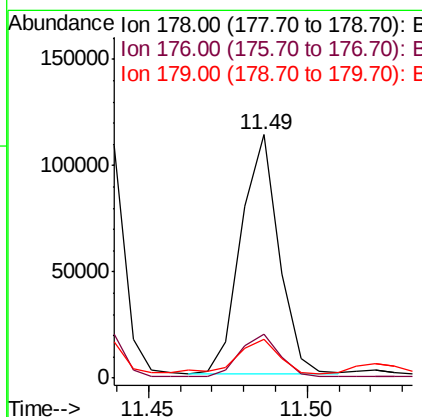
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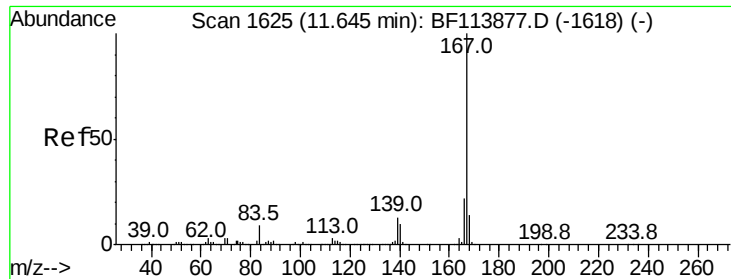
Sohil
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#72
Anthracene
Concen: 4.810 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.7	23.5
179	16.1	13.0	19.4





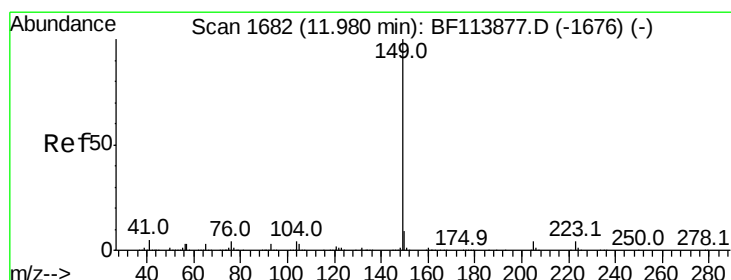
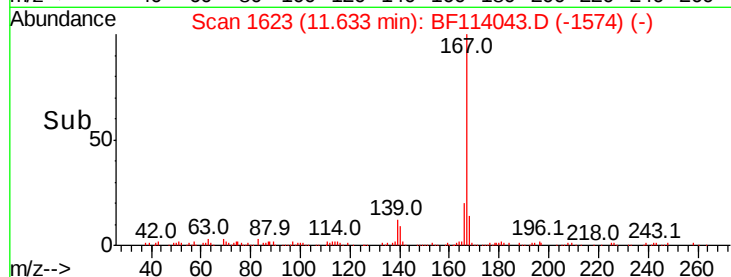
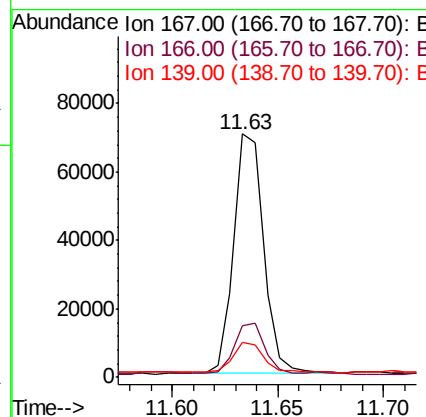
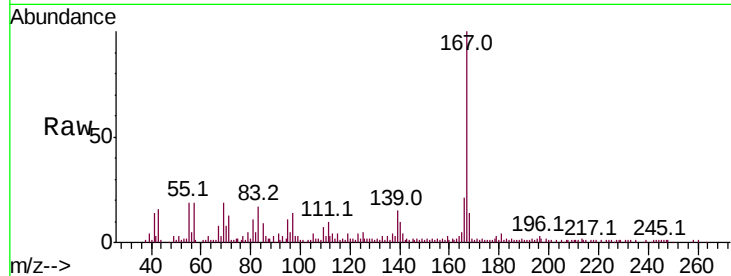
#73
 Carbazole
 Concen: 3.962 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.7	26.5
139	14.5	10.0	15.0

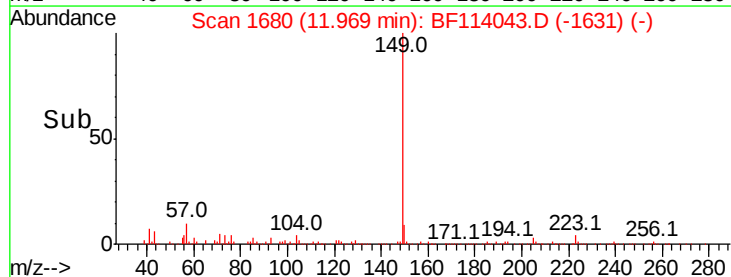
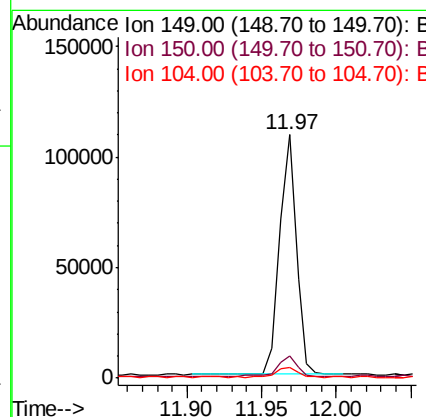
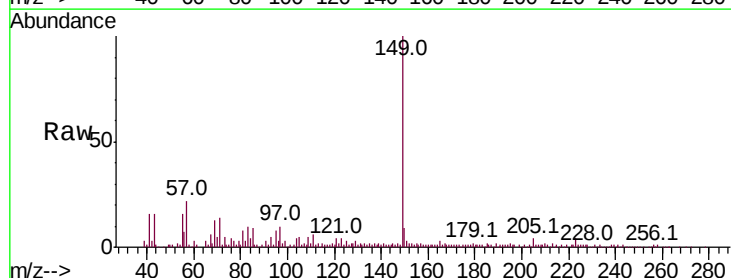
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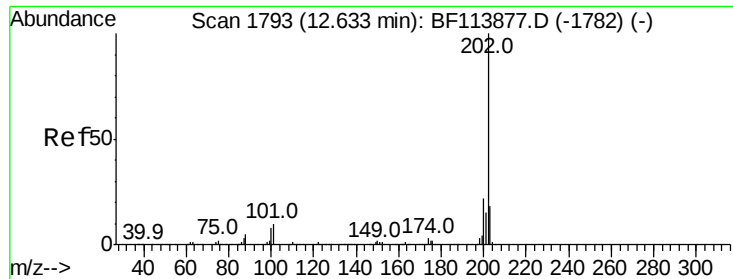
Sohil
 5/1/2019 11:58:44 AM



#74
 Di-n-butylphthalate
 Concen: 4.220 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.8
104	4.5	3.8	5.8





#75

Fluoranthene

Concen: 11.200 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

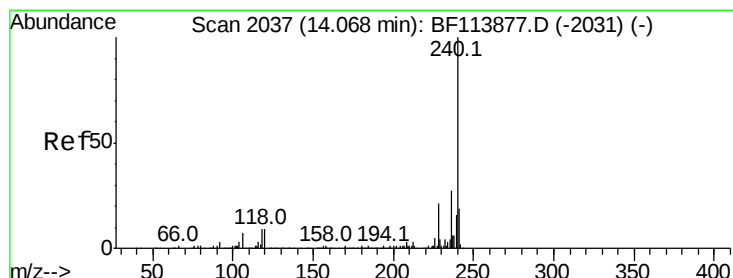
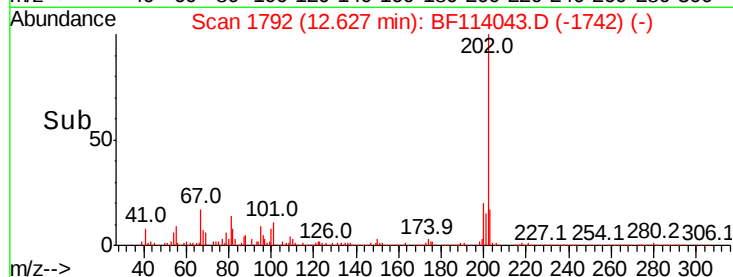
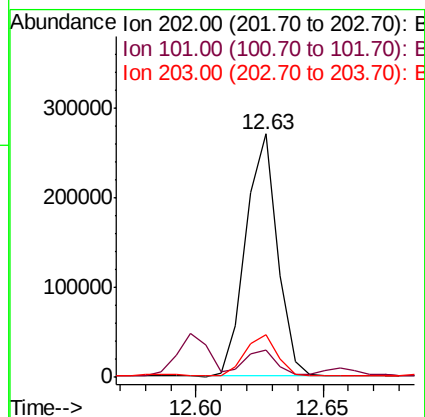
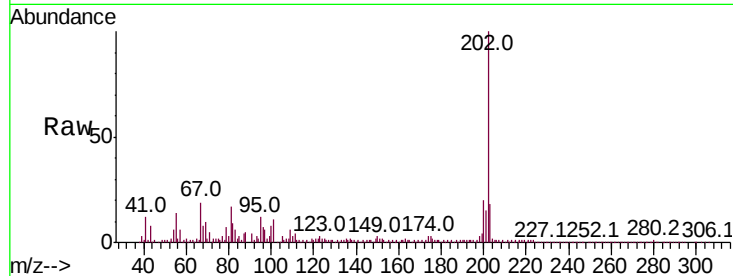
ClientSampleId :

JC-03-042919-AMSD

Tot Ion:	202	Resp:	233408
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	32.9
203	17.7	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

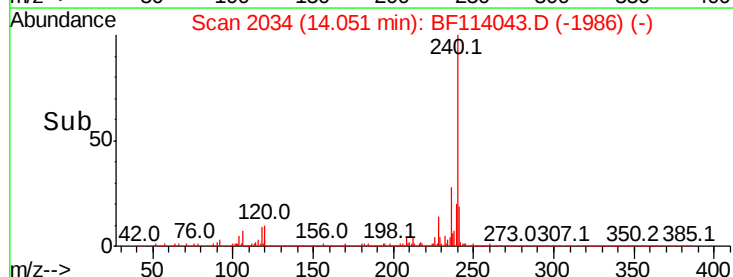
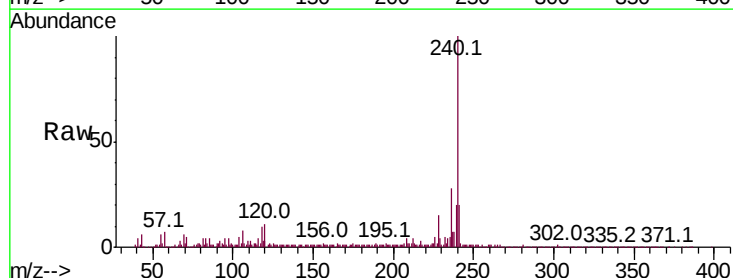
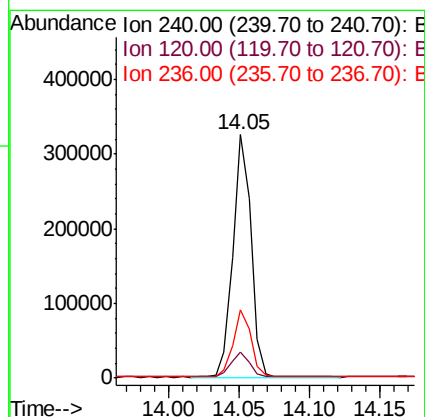
RT: 14.05 min Scan# 2034

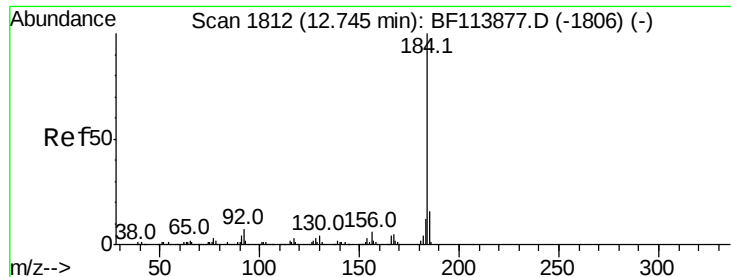
Delta R.T. -0.02 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	240	Resp:	290158
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.3	13.9
236	27.9	21.2	31.8





#77

Benzidine

Concen: 0.042 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.02 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

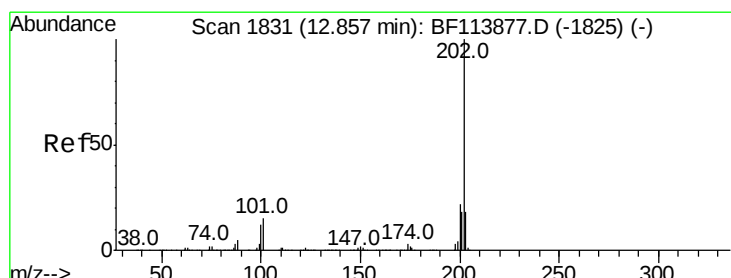
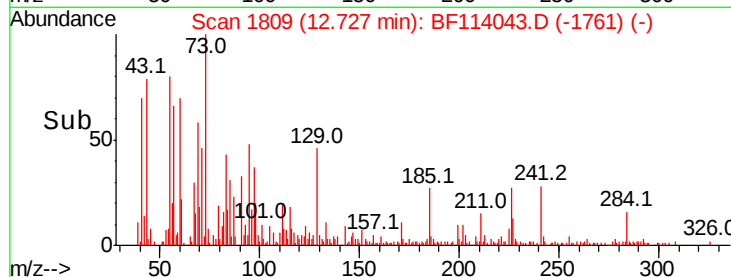
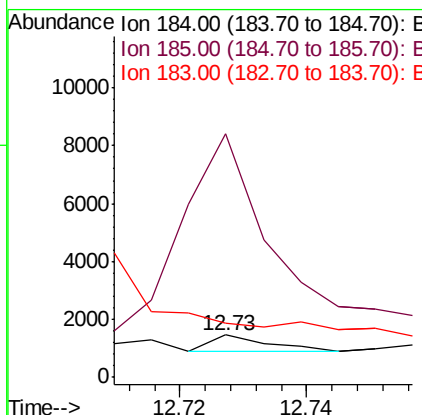
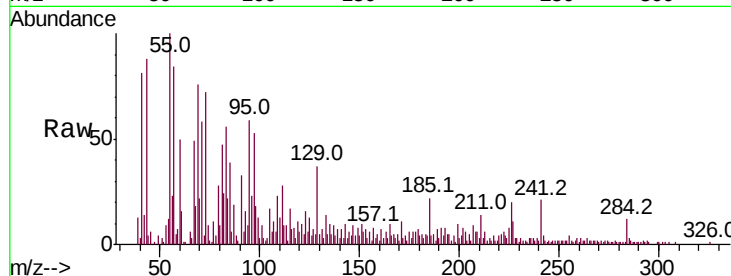
ClientSampleId :

JC-03-042919-AMSD

Tot Ion:	184	Resp:	360
Ion Ratio	Lower	Upper	
184	100		
185	575.2	13.0	19.6#
183	129.0	9.4	14.0#

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#78

Pyrene

Concen: 11.479 ng

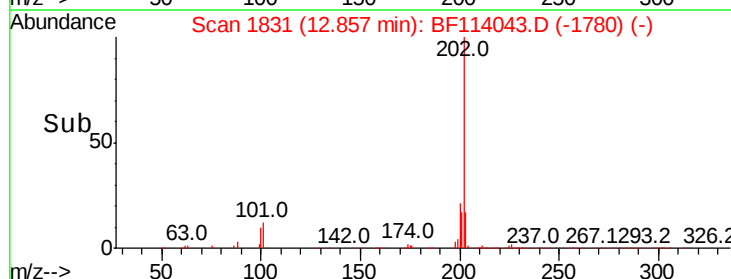
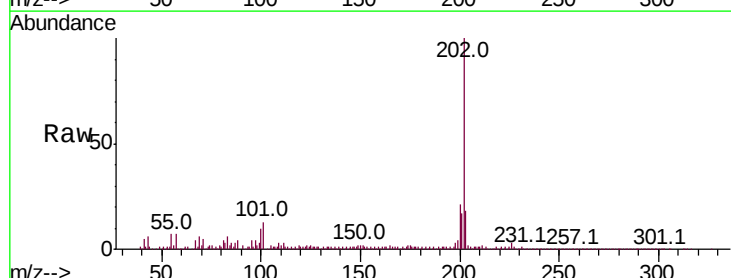
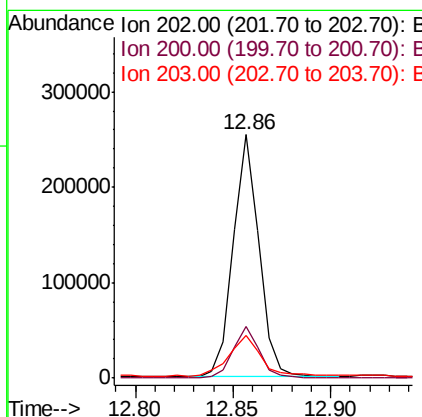
RT: 12.86 min Scan# 1831

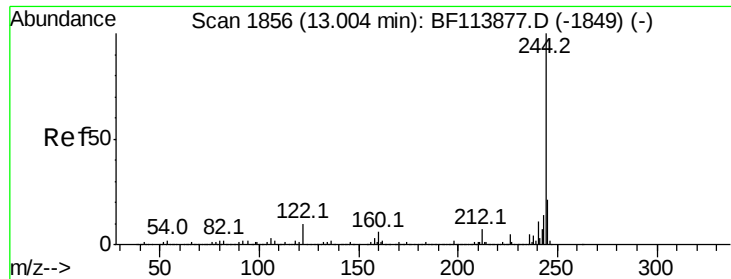
Delta R.T. 0.00 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	202	Resp:	232915
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	17.7	15.0	22.6





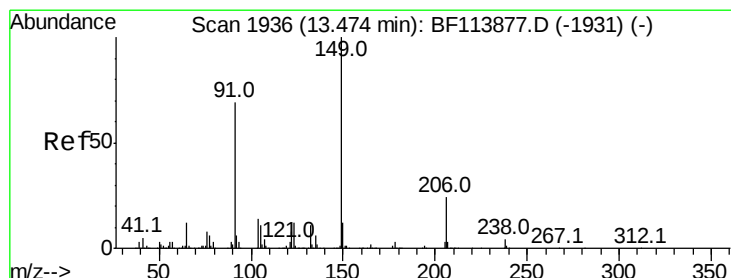
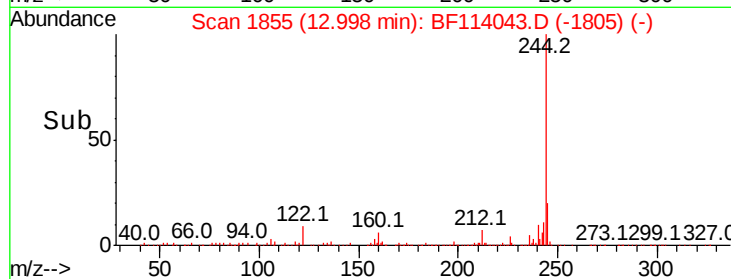
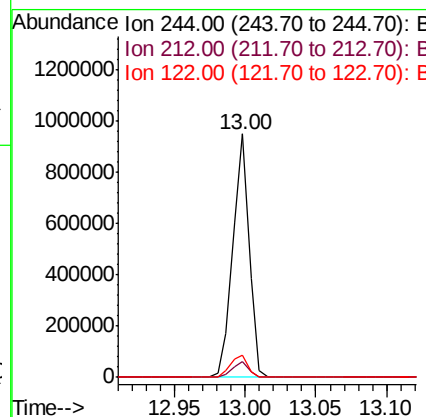
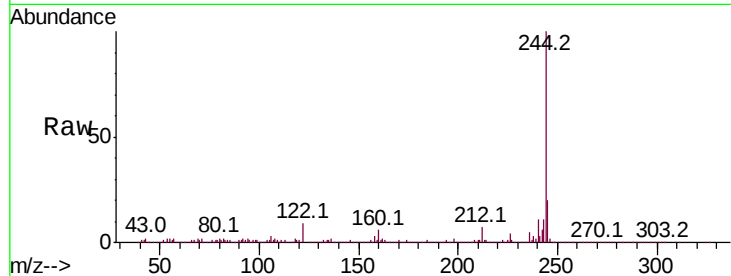
#79
 Terphenyl-d14
 Concen: 53.839 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	9.3	7.6	11.4

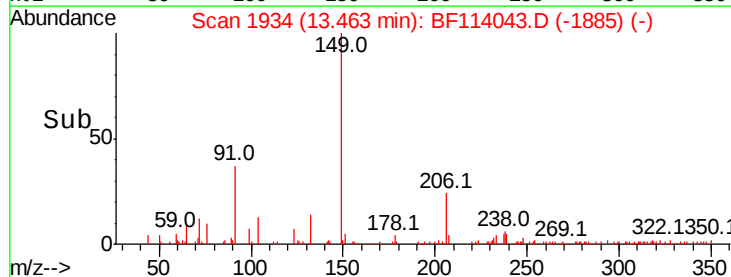
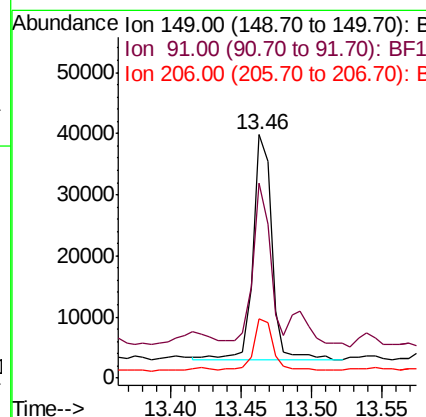
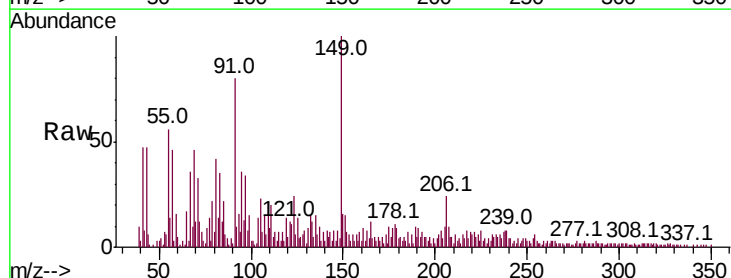
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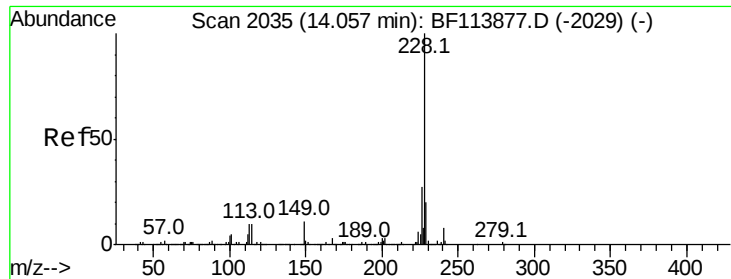
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#80
 Butylbenzylphthalate
 Concen: 4.390 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.1	56.3	84.5
206	24.3	19.0	28.6





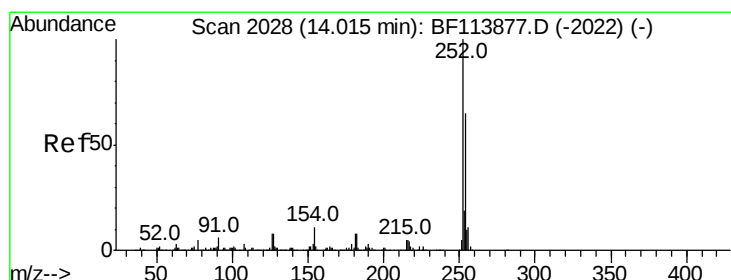
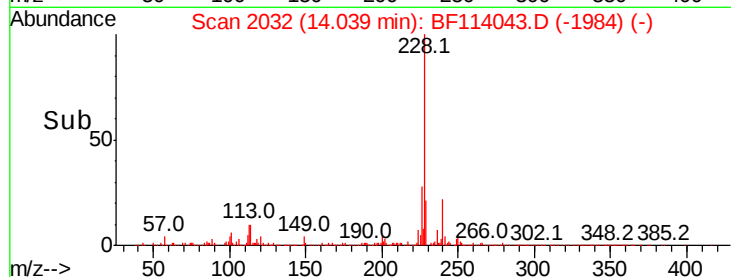
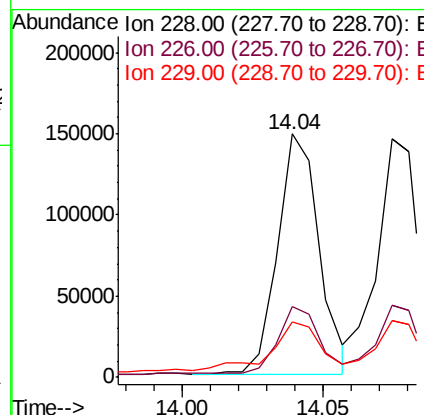
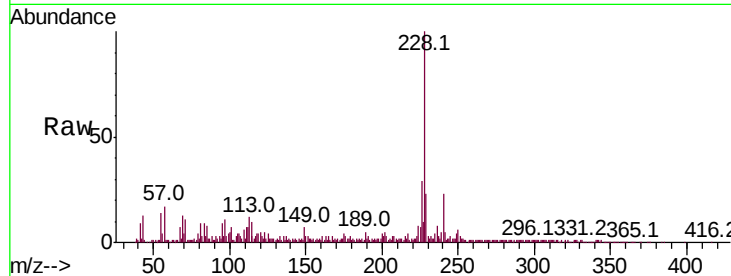
#81
Benzo(a)anthracene
Concen: 8.776 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.2	33.2
229	22.6	16.0	24.0

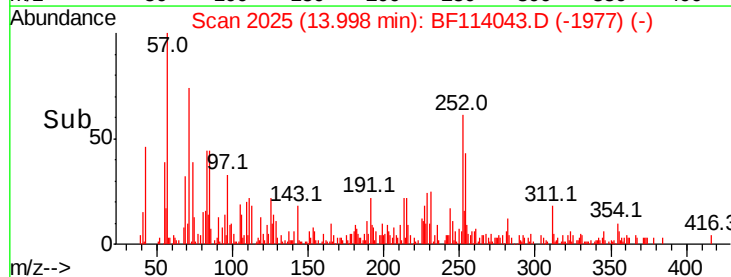
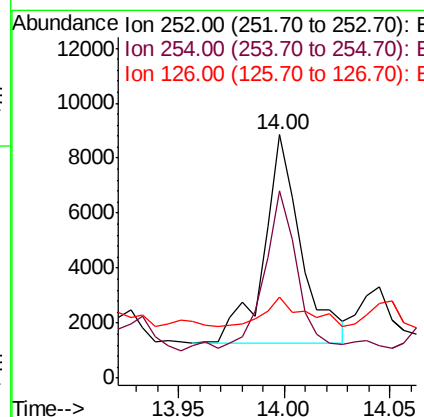
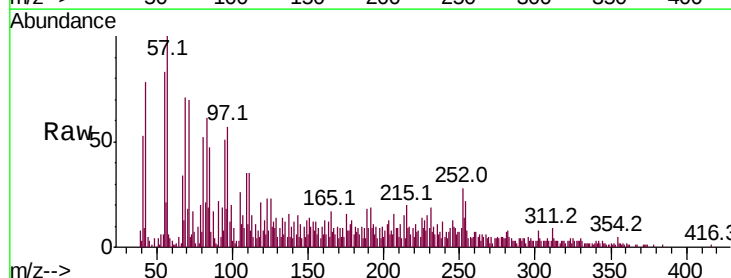
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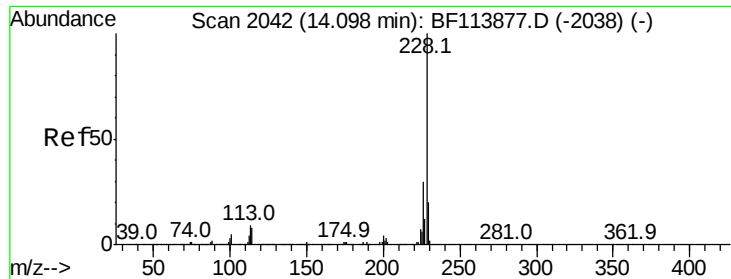
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 1.489 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	77.2	52.1	78.1
126	33.5	9.3	13.9#





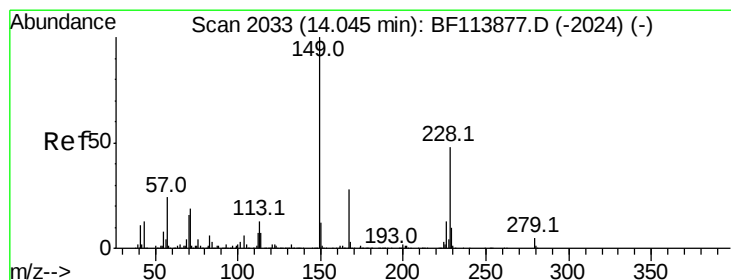
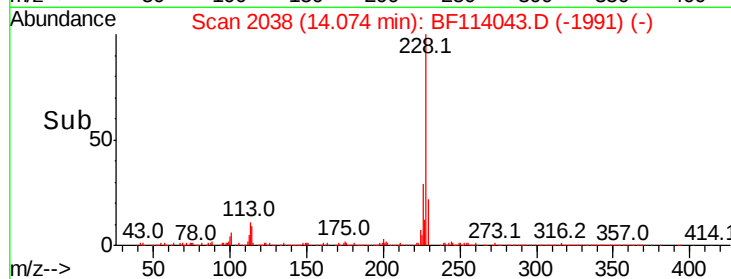
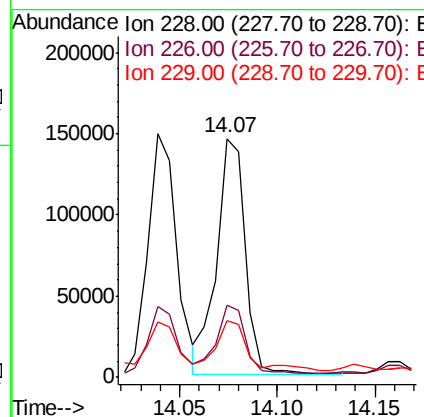
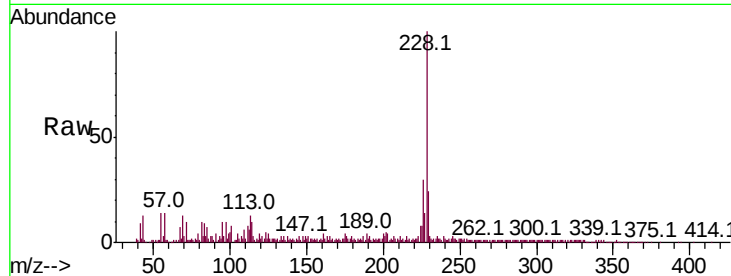
#83
 Chrysene
 Concen: 8.813 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

Tot Ion:	228	Resp:	146737
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.2	37.8
229	23.6	16.7	25.1

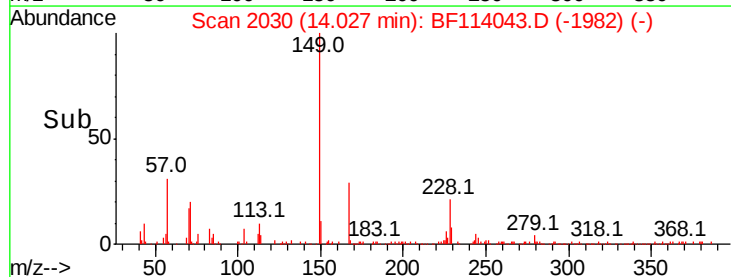
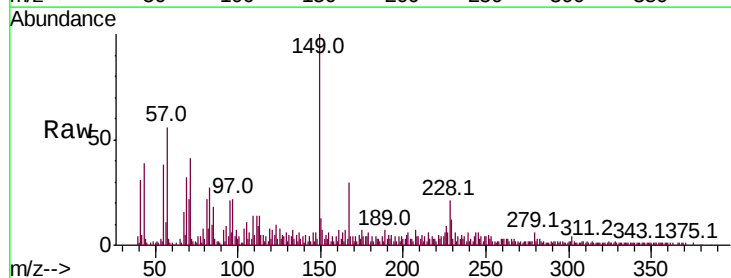
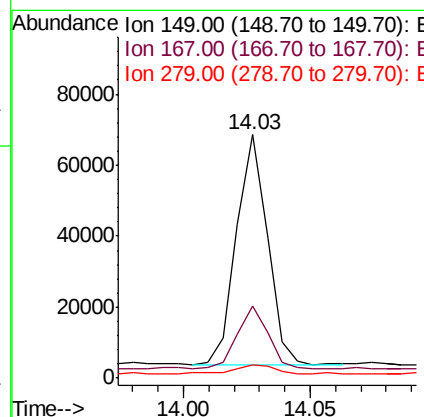
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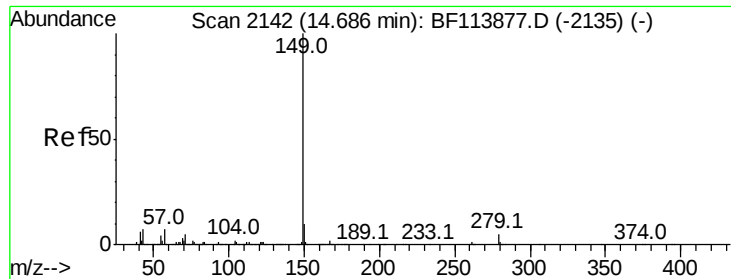
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.435 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion:	149	Resp:	55210
Ion Ratio	Lower	Upper	
149	100		
167	29.8	22.9	34.3
279	5.6	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 4.668 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.04 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

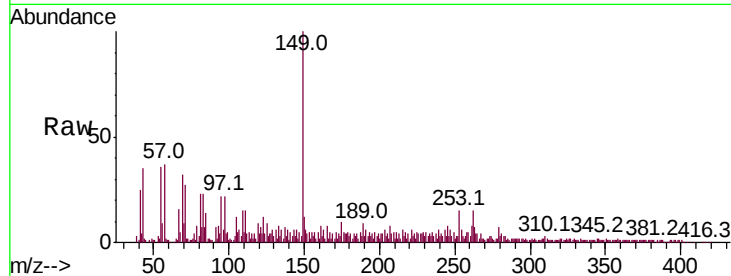
ClientSampleId :

JC-03-042919-AMSD

Tot Ion:	149	Resp:	74212
Ion Ratio	Lower	Upper	
149	100		
167	3.3	1.3	1.9#
43	12.7	6.6	10.0#

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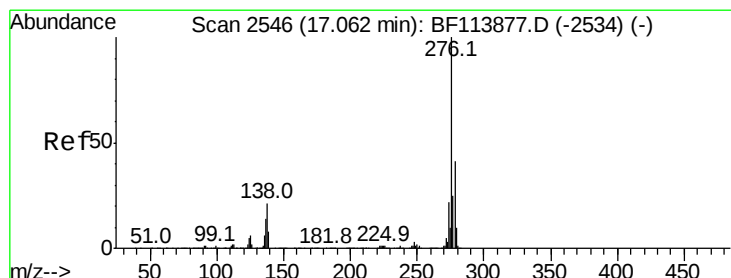
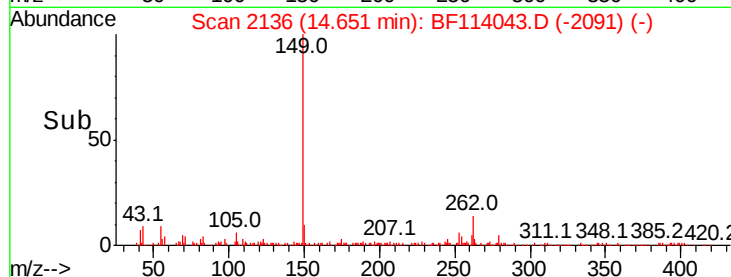
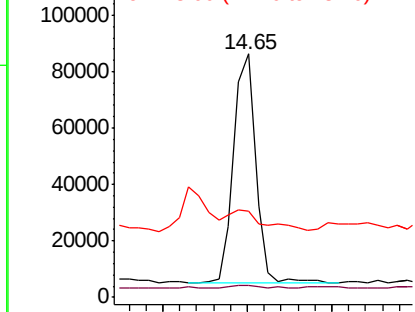


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 4.845 ng

RT: 17.03 min Scan# 2541

Delta R.T. -0.03 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

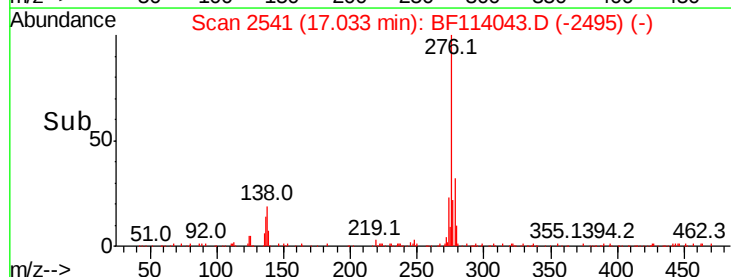
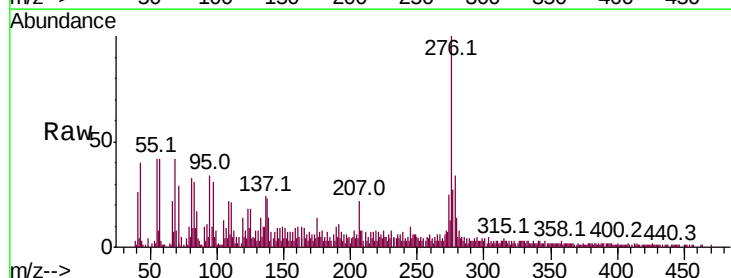
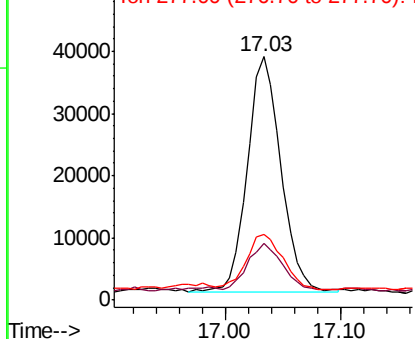
Tgt Ion:	276	Resp:	76402
Ion Ratio	Lower	Upper	
276	100		
138	20.4	19.6	29.4
277	25.6	20.2	30.4

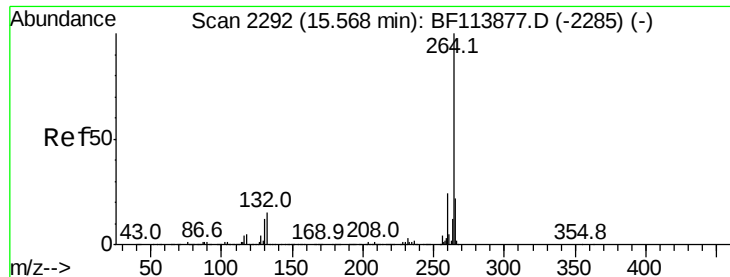
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

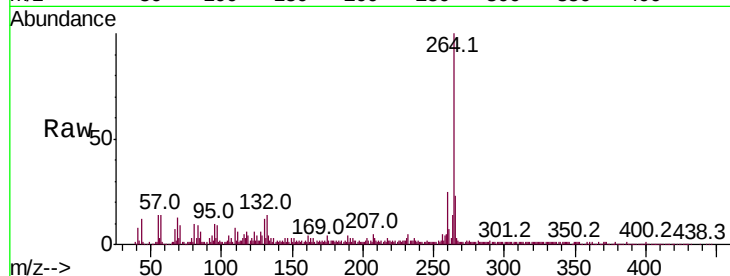
ClientSampleId :

JC-03-042919-AMSD

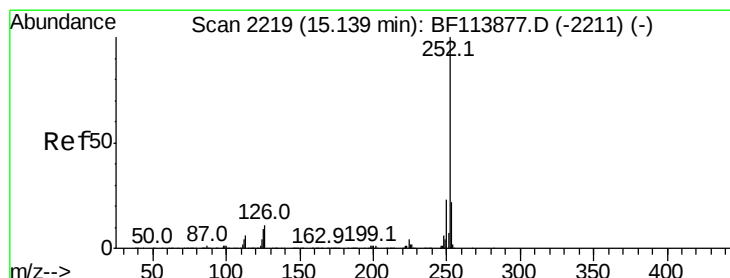
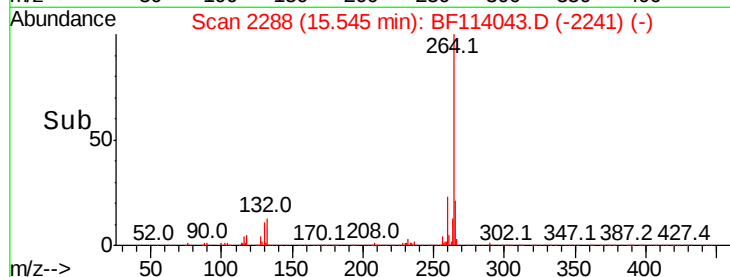
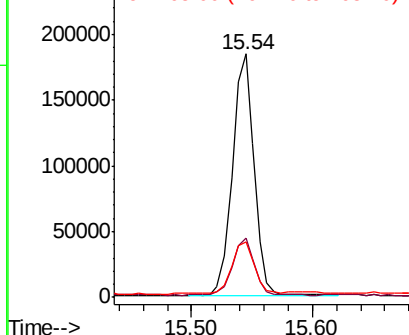
Tot Ion:	264	Resp:	229066
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.9	28.3
265	22.6	17.3	25.9

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 8.934 ng

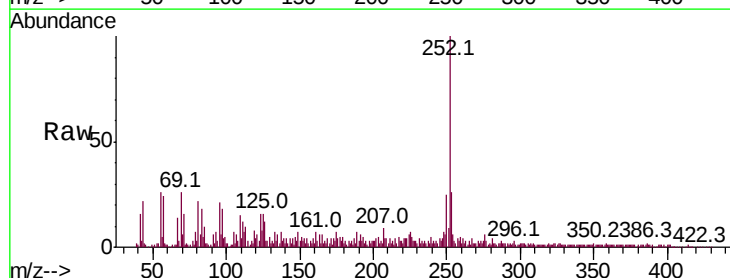
RT: 15.11 min Scan# 2214

Delta R.T. -0.03 min

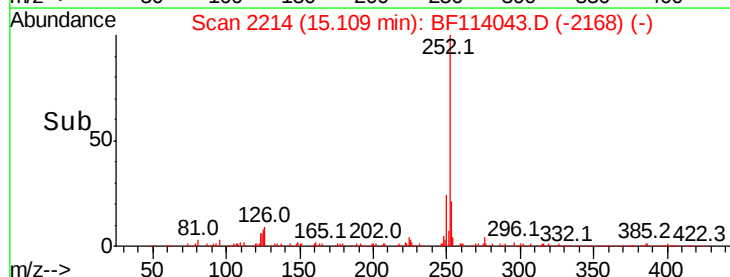
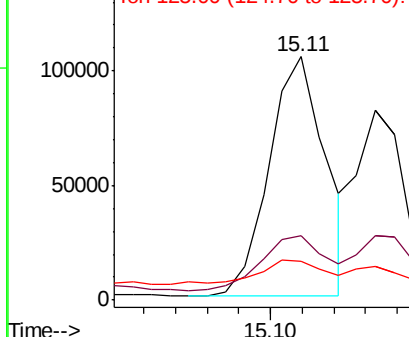
Lab File: BF114043.D

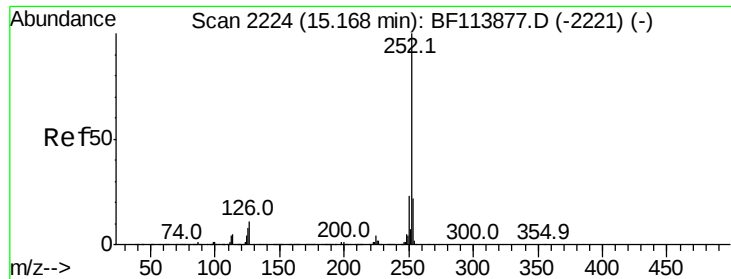
Acq: 30 Apr 2019 15:44

Tgt Ion:	252	Resp:	129475
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.8	26.6
125	16.0	7.0	10.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 6.853 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.04 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

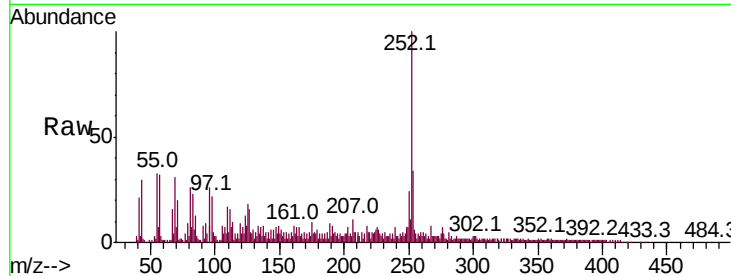
ClientSampleId :

JC-03-042919-AMSD

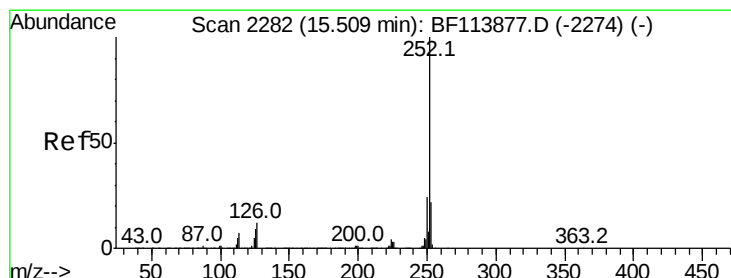
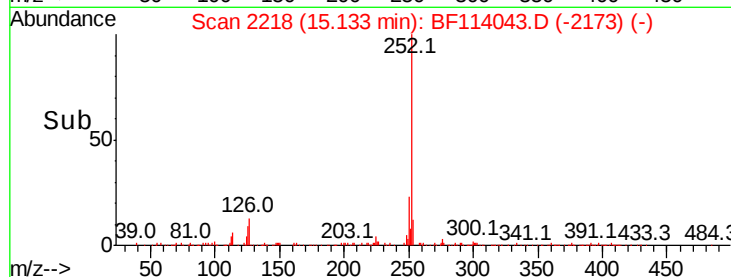
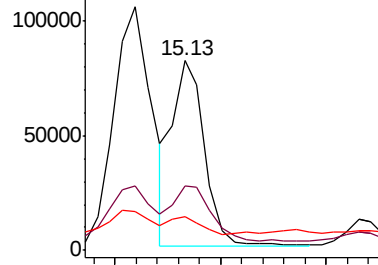
Tot Ion:	252	Resp:	85436
Ion Ratio	Lower	Upper	
252	100		
253	34.1	18.2	27.2#
125	18.0	7.4	11.2#

Manual Integrations
APPROVED

Sohil
5/1/2019 11:58:44 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 8.183 ng

RT: 15.48 min Scan# 2277

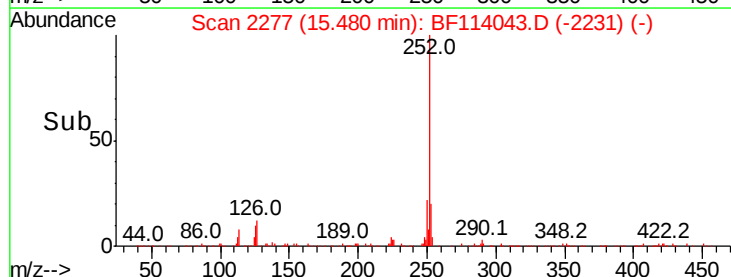
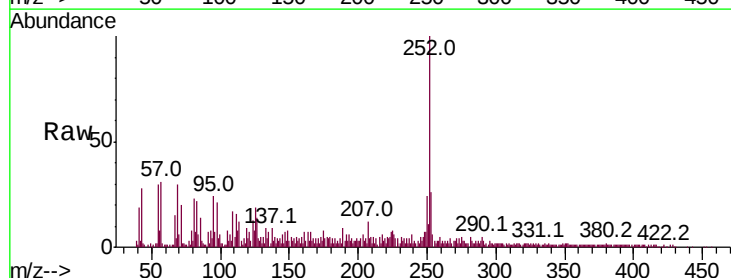
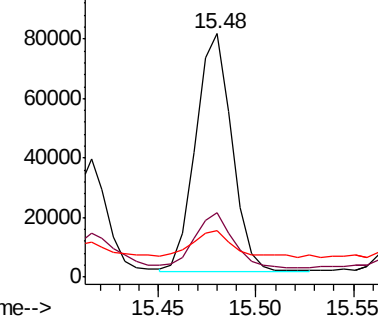
Delta R.T. -0.03 min

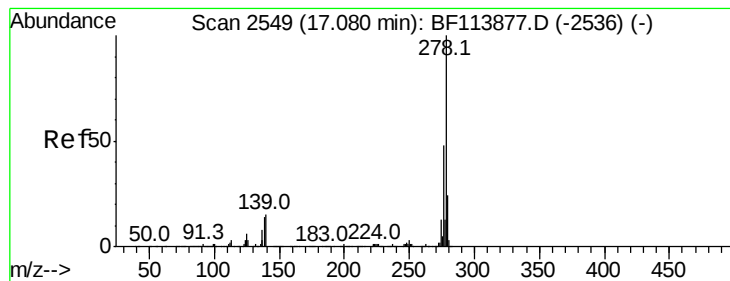
Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:	252	Resp:	102574
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.5	26.3
125	19.1	8.5	12.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 3.790 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.03 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

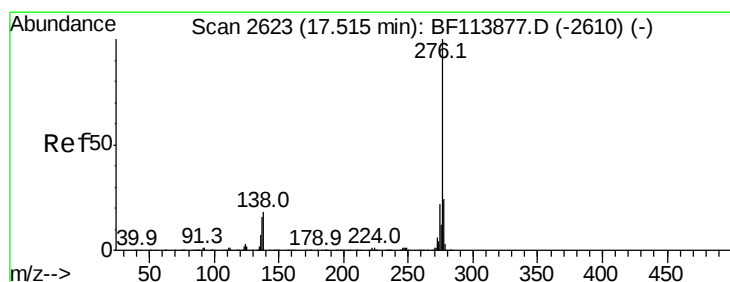
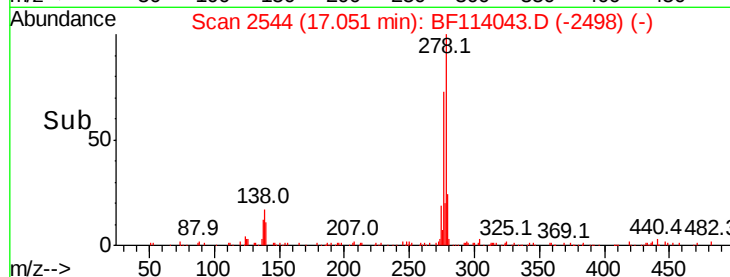
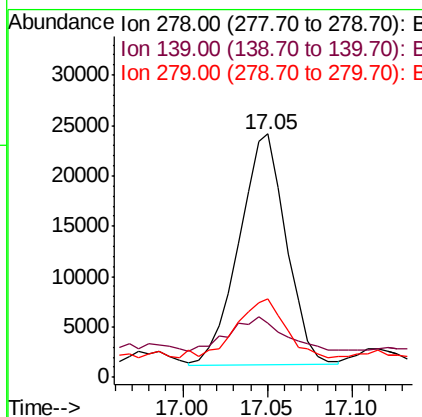
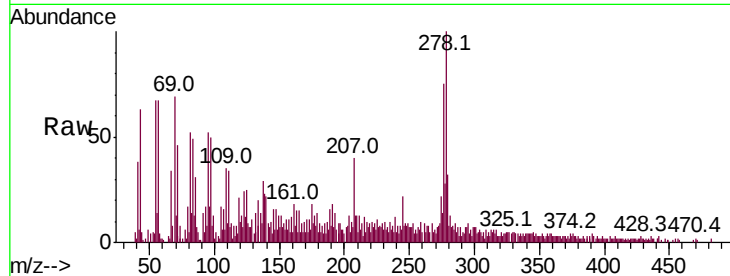
ClientSampleId :

JC-03-042919-AMSD

Tot Ion:278	Resp:	44601
Ion Ratio	Lower	Upper
278 100		
139 22.2	11.6	17.4#
279 32.1	19.0	28.6#

Manual Integrations
APPROVED

Sohil
5/1/2019 11:58:44 AM



#92

Benzo(g,h,i)perylene

Concen: 5.779 ng

RT: 17.49 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:276	Resp:	68622
Ion Ratio	Lower	Upper
276 100		
277 24.2	19.0	28.4
138 21.6	16.6	25.0

