

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
 Data File : BF113266.D
 Acq On : 24 Mar 2019 14:23
 Operator : JU/SJ
 Sample : K2058-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMSD

Manual Integrations
 APPROVED

Sohil
 3/26/2019 6:34:50 PM

Quant Time: Mar 25 04:46:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	154665	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	587553	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	301058	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	618537	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	401636	20.00	ng	-0.01
87) Perylene-d12	15.26	264	401021	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1129693	113.62	ng	0.00
7) Phenol-d6	6.37	99	1476386	118.21	ng	0.00
23) Nitrobenzene-d5	7.28	82	925835	94.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	506249	158.40	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1650634	93.21	ng	-0.02
79) Terphenyl-d14	12.81	244	1822951	87.98	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	147863	29.667	ng	97
3) Pyridine	3.14	79	352654	26.448	ng	99
4) n-Nitrosodimethylamine	3.06	42	181788	31.166	ng	99
6) Aniline	6.38	93	366193	21.300	ng	# 1
8) 2-Chlorophenol	6.50	128	387852	35.042	ng	97
9) Benzaldehyde	6.26	77	96690	10.744	ng	96
10) Phenol	6.38	94	490550	33.657	ng	89
11) bis(2-Chloroethyl)ether	6.45	93	382275	34.172	ng	97
12) 1,3-Dichlorobenzene	6.66	146	406192	35.526	ng	95
13) 1,4-Dichlorobenzene	6.73	146	419346	36.572	ng	96
14) 1,2-Dichlorobenzene	6.89	146	388791	36.988	ng	98
15) Benzyl Alcohol	6.86	79	322938	33.908	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	604291	32.369	ng	74
17) 2-Methylphenol	6.98	107	321901	35.850	ng	96
18) Hexachloroethane	7.23	117	149046	33.934	ng	# 86
19) n-Nitroso-di-n-propylamine	7.13	70	271904	34.374	ng	99
20) 3+4-Methylphenols	7.14	107	407564	40.205	ng	# 65
22) Acetophenone	7.13	105	540311	39.328	ng	# 90
24) Nitrobenzene	7.30	77	412869	37.779	ng	97
25) Isophorone	7.54	82	769913	36.396	ng	98
26) 2-Nitrophenol	7.62	139	220493	48.467	ng	99
27) 2,4-Dimethylphenol	7.66	122	357758	42.270	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	492347	37.227	ng	99
29) 2,4-Dichlorophenol	7.86	162	353349	43.052	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	366572	41.566	ng	99
31) Naphthalene	8.02	128	1142202	39.156	ng	100
32) Benzoic acid	7.75	122	38828	6.545	ng	97
33) 4-Chloroaniline	8.07	127	246444	19.946	ng	99
34) Hexachlorobutadiene	8.14	225	214302	43.088	ng	99
35) Caprolactam	8.44	113	111889m	38.706	ng	
36) 4-Chloro-3-methylphenol	8.57	107	355181	39.103	ng	92
37) 2-Methylnaphthalene	8.71	142	777552	41.276	ng	99
38) 1-Methylnaphthalene	8.81	142	729512	39.977	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	354976	40.434	ng	98

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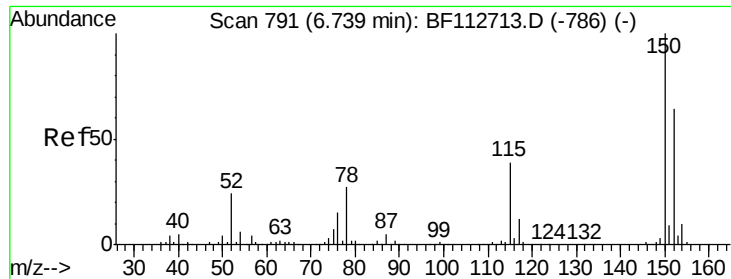
Manual Integrations
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 3/26/2019 6:34:50 PM

Quant Time: Mar 25 04:46:32 2019
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	357867	74.440	nq	100
43) 2,4,6-Trichlorophenol	8.99	196	251385	41.606	nq	99
44) 2,4,5-Trichlorophenol	9.04	196	273044	41.809	nq	97
46) 1,1'-Biphenyl	9.17	154	955724	38.920	nq	98
47) 2-Chloronaphthalene	9.20	162	730265	38.086	nq	98
48) 2-Nitroaniline	9.29	65	239034	41.014	nq	98
49) Acenaphthylene	9.61	152	1211109	37.206	nq	99
50) Dimethylphthalate	9.47	163	975436	43.941	nq	99
51) 2,6-Dinitrotoluene	9.54	165	201654	43.623	nq #	73
52) Acenaphthene	9.78	154	703795	36.972	nq	100
53) 3-Nitroaniline	9.70	138	165479	29.378	nq	98
54) 2,4-Dinitrophenol	9.82	184	135691	72.426	nq	93
55) Dibenzofuran	9.96	168	1074126	38.824	nq	95
56) 4-Nitrophenol	9.89	139	307067	67.077	nq	94
57) 2,4-Dinitrotoluene	9.95	165	270706	47.112	nq	85
58) Fluorene	10.30	166	805406	41.016	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.08	232	247894	45.560	nq #	92
60) Diethylphthalate	10.17	149	918329	39.169	nq	98
61) 4-Chlorophenyl-phenylether	10.29	204	412470	45.147	nq	95
62) 4-Nitroaniline	10.32	138	230053	44.199	nq	96
63) Azobenzene	10.45	77	861912	35.892	nq	96
65) 4,6-Dinitro-2-methylphenol	10.36	198	123810	48.647	nq #	71
66) n-Nitrosodiphenylamine	10.41	169	765501	38.589	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	269461	41.360	nq	94
68) Hexachlorobenzene	10.85	284	309421	42.132	nq #	86
69) Atrazine	10.94	200	250902	41.298	nq	97
70) Pentachlorophenol	11.05	266	294506	68.132	nq	98
71) Phenanthrene	11.25	178	1200384	39.006	nq	99
72) Anthracene	11.30	178	1267153	39.335	nq	99
73) Carbazole	11.46	167	1203514	38.297	nq	99
74) Di-n-butylphthalate	11.79	149	1470561	39.027	nq	100
75) Fluoranthene	12.44	202	1295961	39.306	nq	96
77) Benzidine	12.56	184	428384	20.558	nq	99
78) Pyrene	12.66	202	1267911	37.447	nq	100
80) Butylbenzylphthalate	13.28	149	559800	37.456	nq	96
81) Benzo(a)anthracene	13.85	228	909628	32.678	nq	99
82) 3,3'-Dichlorobenzidine	13.81	252	254166	24.143	nq	99
83) Chrysene	13.89	228	928625	34.058	nq	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	707080	40.335	nq	100
85) Di-n-octyl phthalate	14.45	149	1179605	39.187	nq	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1191974	51.278	nq	94
88) Benzo(b)fluoranthene	14.87	252	905362	34.903	nq #	97
89) Benzo(k)fluoranthene	14.90	252	862414	36.705	nq #	97
90) Benzo(a)pyrene	15.21	252	884000	38.529	nq	98
91) Dibenzo(a,h)anthracene	16.64	278	1001593	51.159	nq	97
92) Benzo(g,h,i)perylene	17.04	276	1047991	53.308	nq	95

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



#1

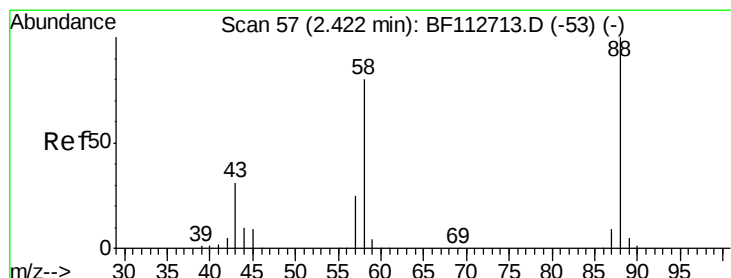
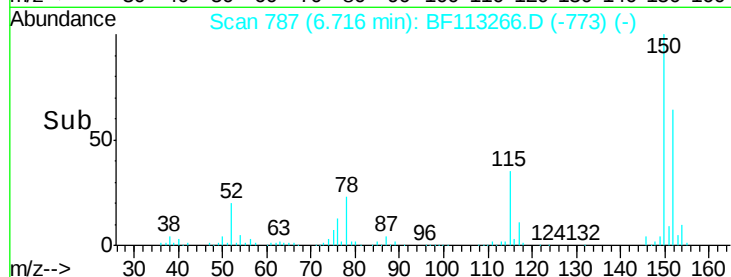
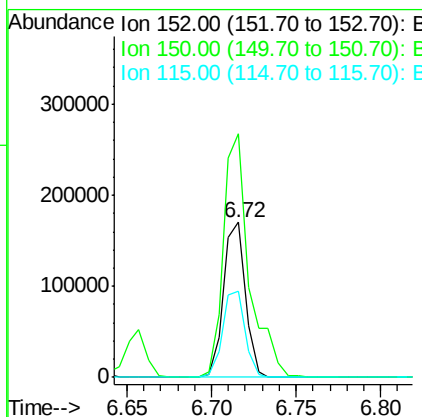
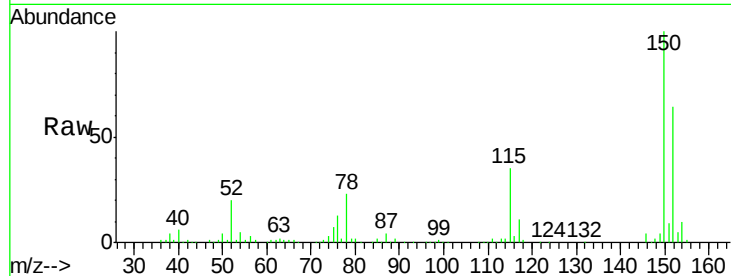
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.2	186.2
115	55.7	48.2	72.4

Manual Integrations
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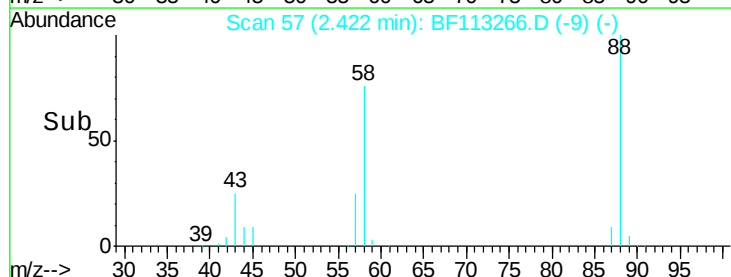
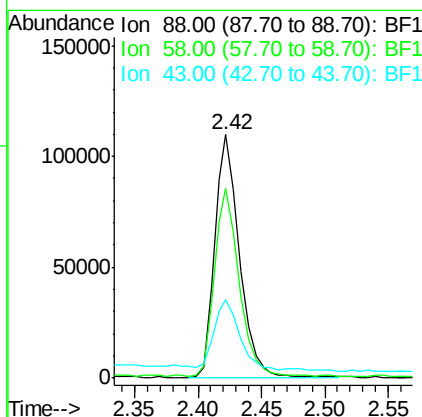
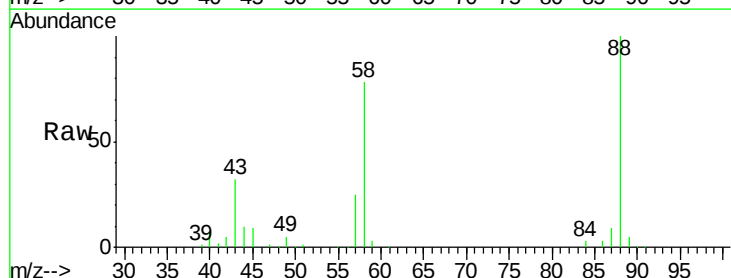
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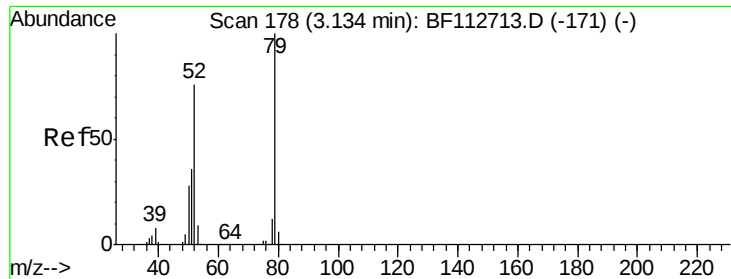


#2

1,4-Dioxane
Concen: 29.667 ng
RT: 2.42 min Scan# 57
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.7	63.1	94.7
43	32.7	24.3	36.5





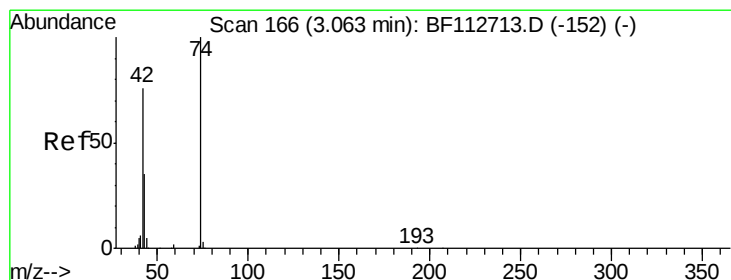
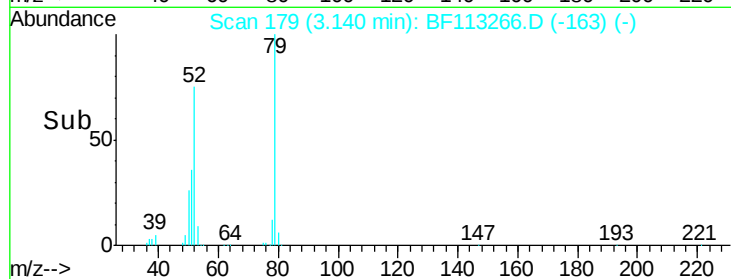
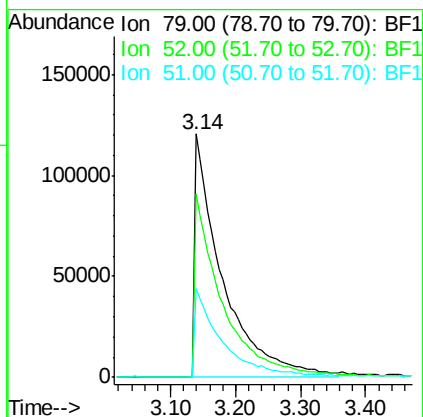
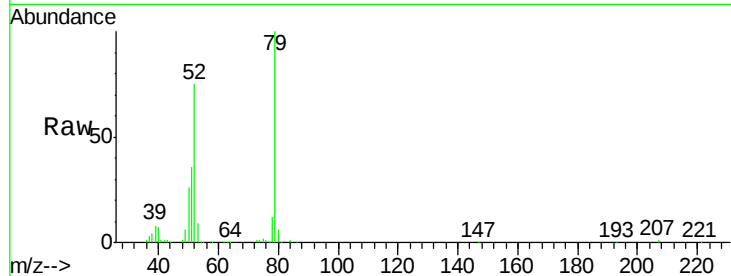
#3
 Pvridine
 Concen: 26.448 ng
 RT: 3.14 min Scan# 179
 Delta R.T. -0.01 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	75.3	60.5	90.7	
51	36.5	28.8	43.2	

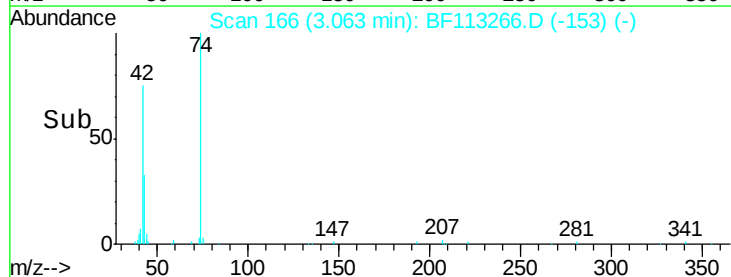
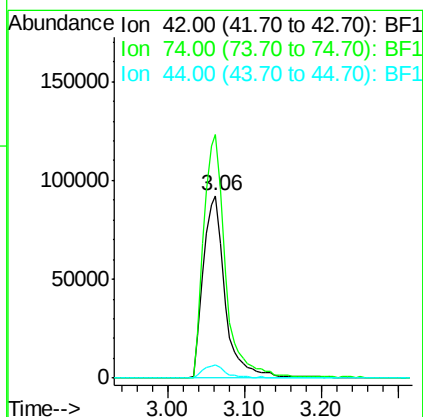
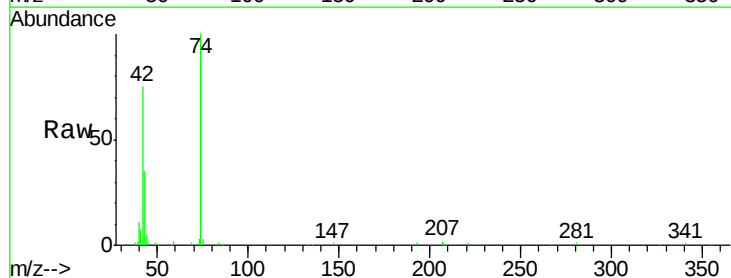
Manual Integrations
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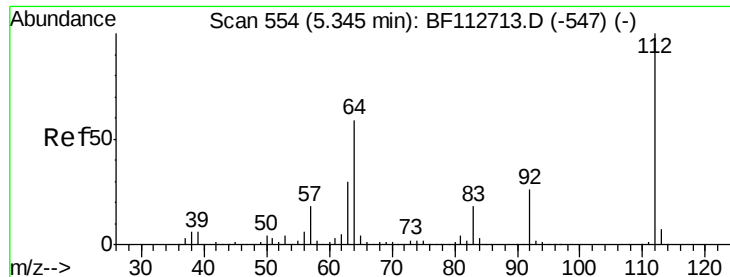
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#4
 n-Nitrosodimethylamine
 Concen: 31.166 ng
 RT: 3.06 min Scan# 166
 Delta R.T. -0.02 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	133.5	105.8	158.8	
44	7.2	6.2	9.2	





#5

2-Fluorophenol

Concen: 113.619 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMPMSD

Tot Ion: 112 Resp: 1129693

Ion Ratio Lower Upper

112 100

64 60.7 47.6 71.4

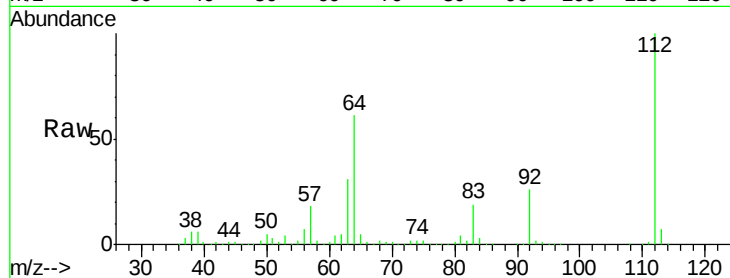
63 31.1 24.4 36.6

Manual Integrations

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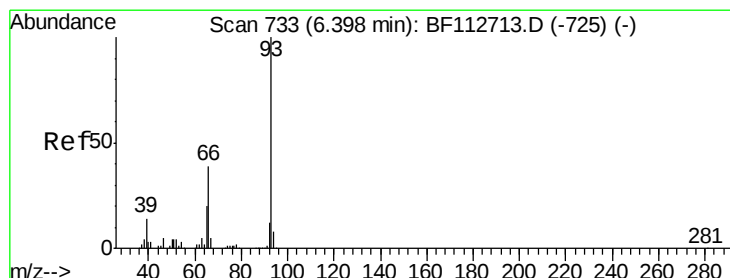
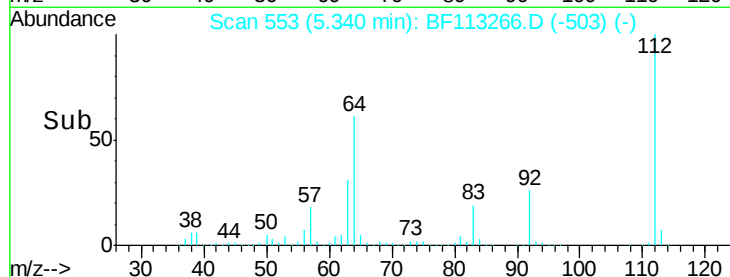
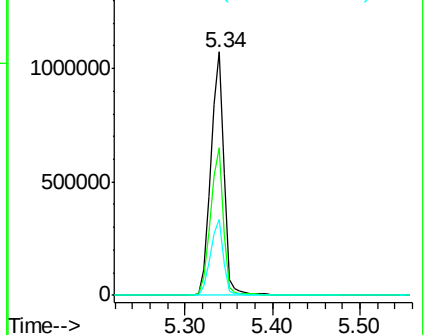
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.300 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

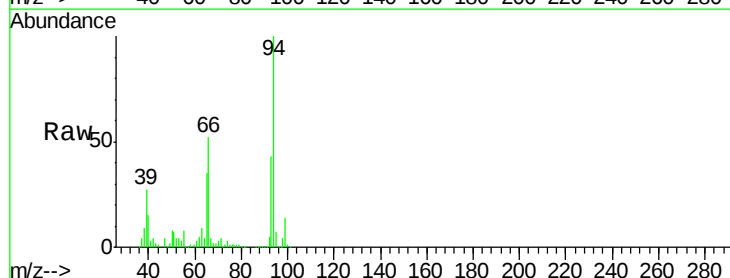
Tgt Ion: 93 Resp: 366193

Ion Ratio Lower Upper

93 100

66 121.1 32.2 48.2#

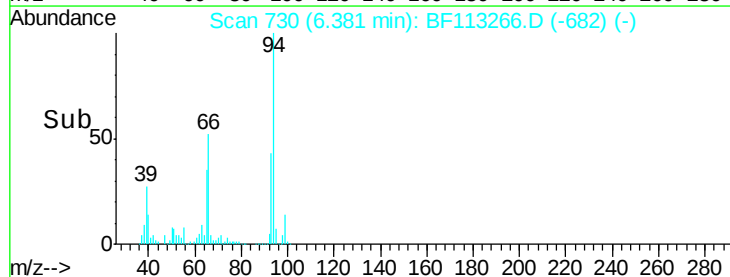
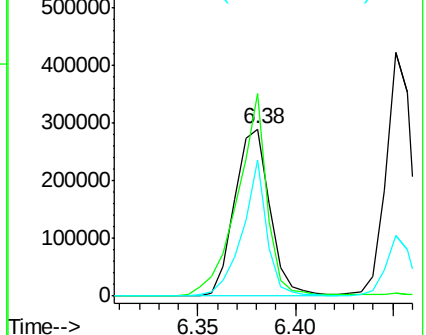
65 81.5 16.2 24.4#

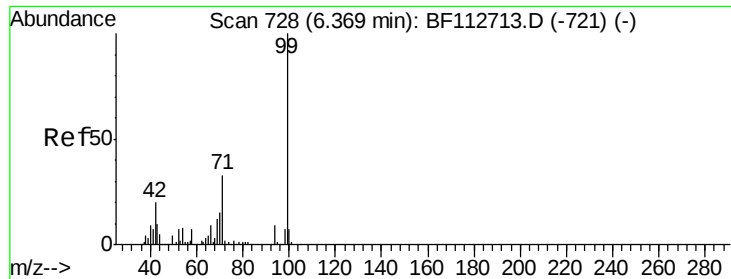


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.207 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMPMSD

Tot Ion: 99 Resp: 1476386

Ion Ratio Lower Upper

99 100

42 19.3 16.3 24.5

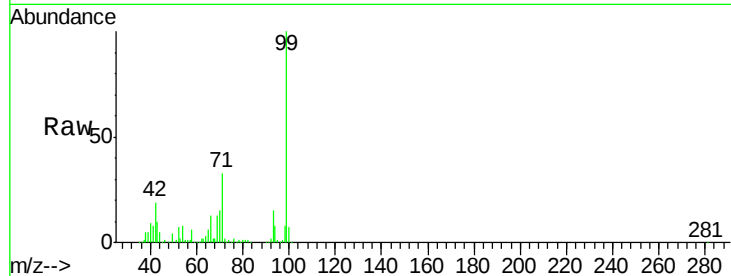
71 32.7 26.2 39.4

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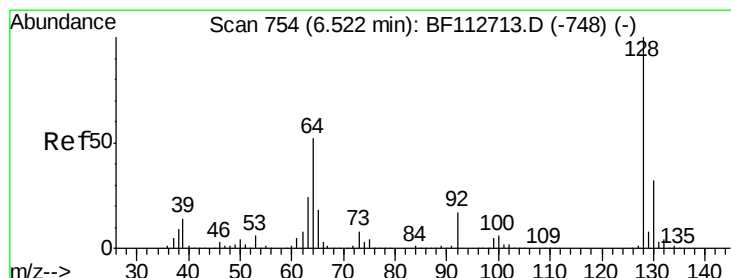
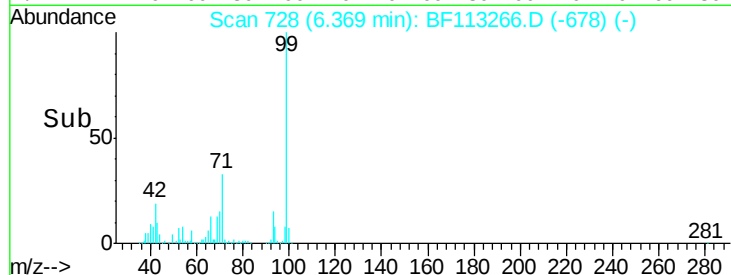
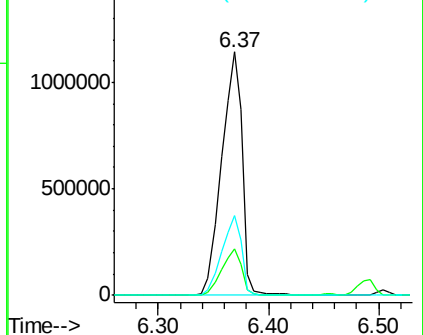
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.042 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

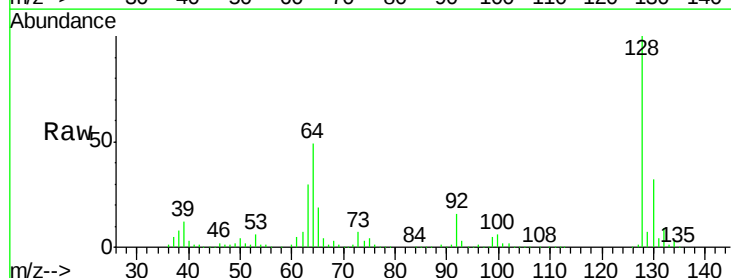
Tgt Ion: 128 Resp: 387852

Ion Ratio Lower Upper

128 100

130 32.5 12.4 52.4

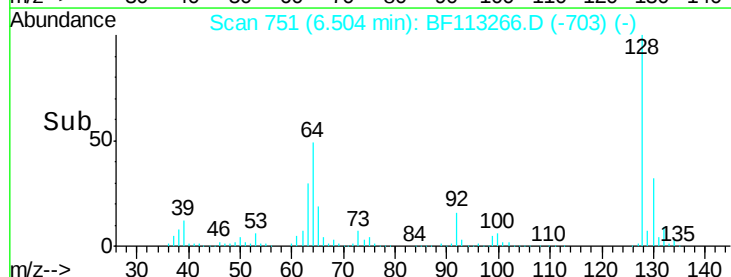
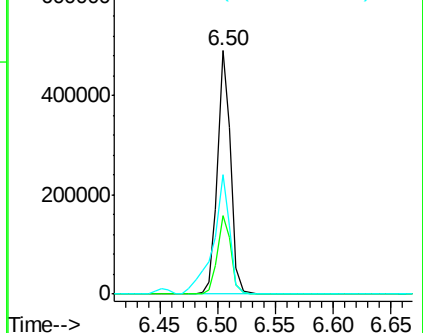
64 49.2 32.2 72.2

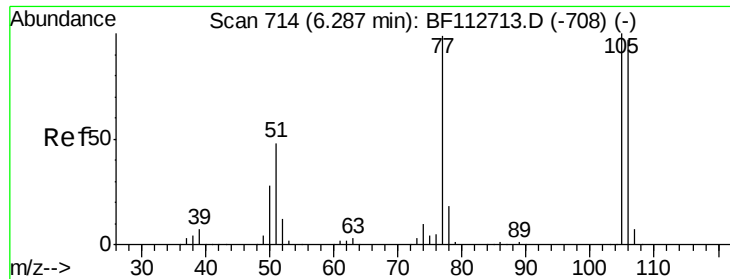


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





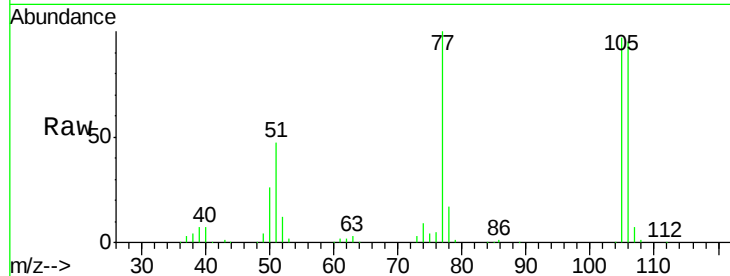
#9
Benzaldehyde
Concen: 10.744 ng
RT: 6.26 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

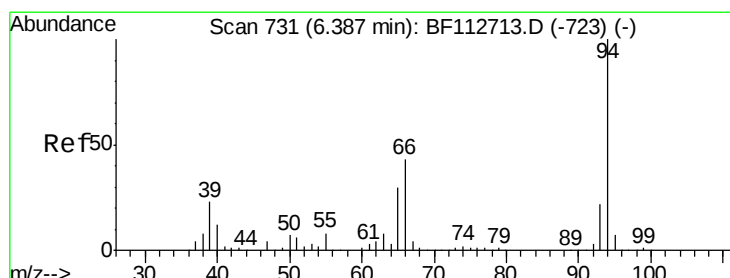
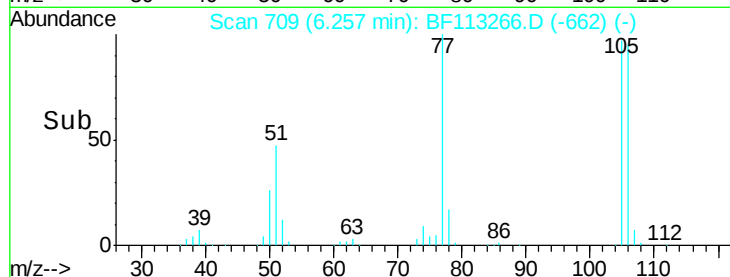
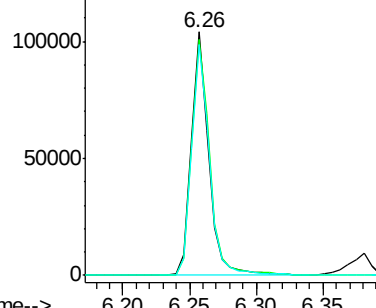
Tot Ion	Ratio	Lower	Upper
77	100		
105	96.8	81.4	121.4
106	94.6	78.3	118.3

Manual Integrations
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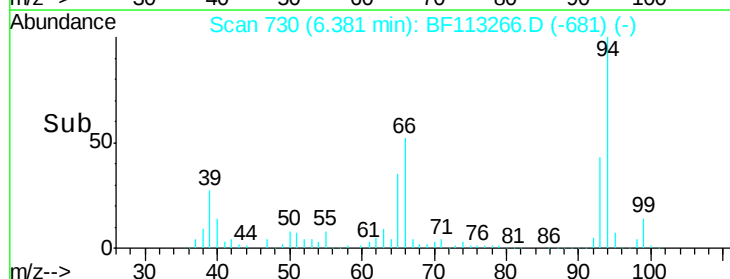
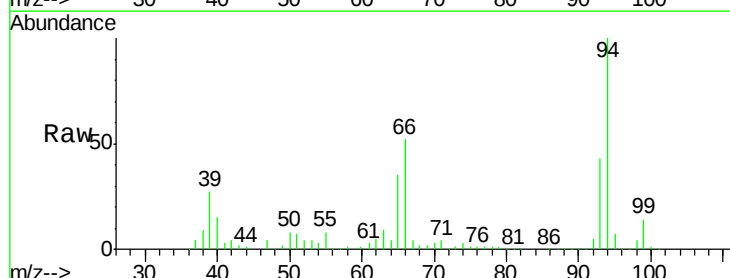
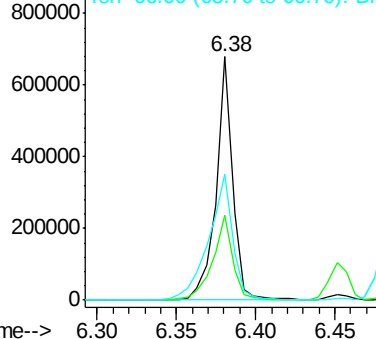
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

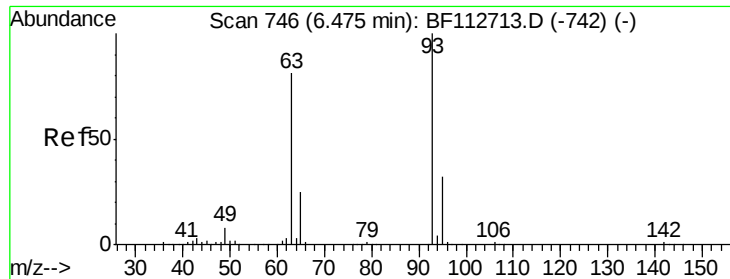


#10
Phenol
Concen: 33.657 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.7	10.5	50.5
66	51.6	22.6	62.6

Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





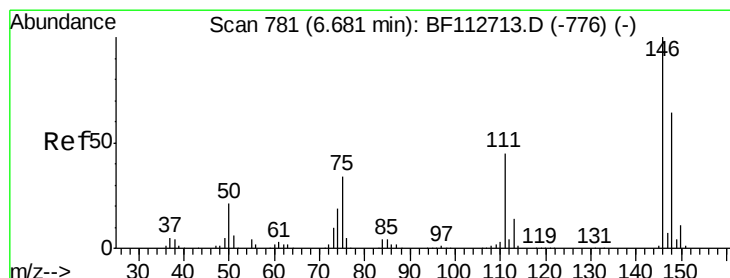
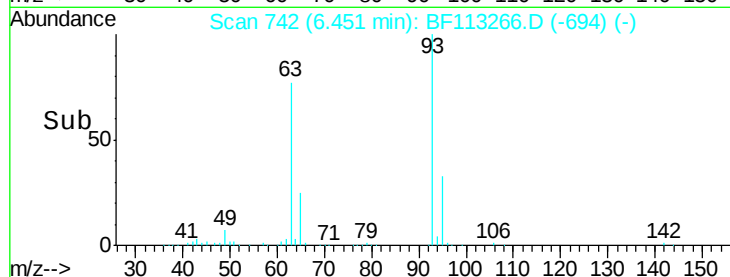
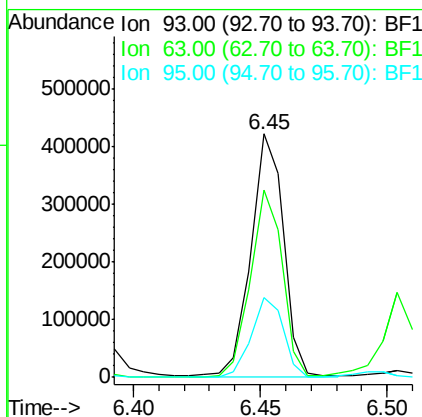
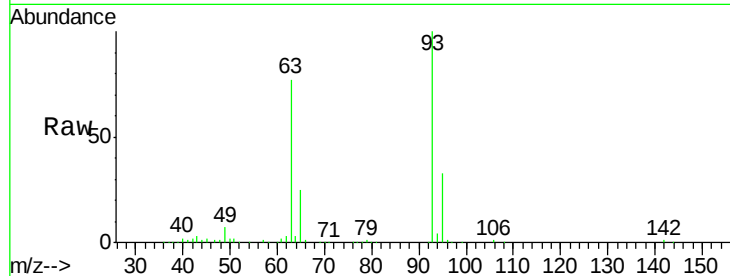
#11
bis(2-Chloroethyl)ether
Concen: 34.172 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.0	60.5	100.5
95	32.7	12.1	52.1

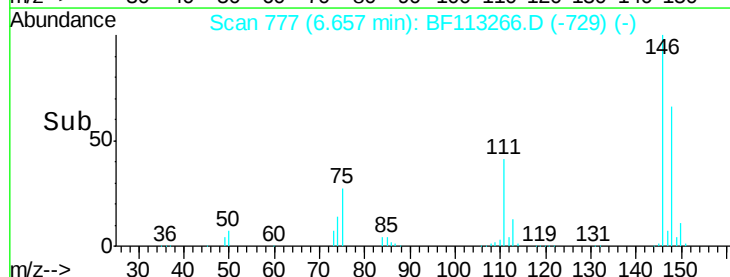
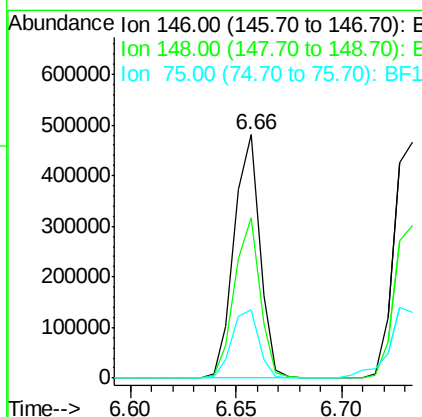
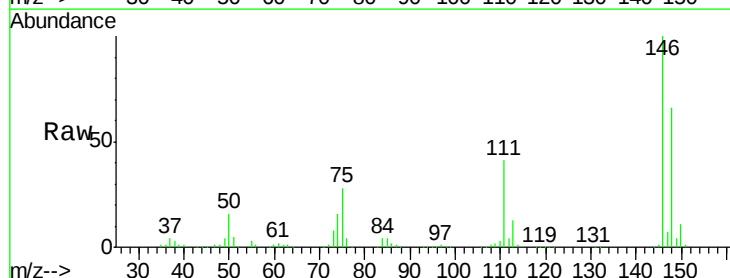
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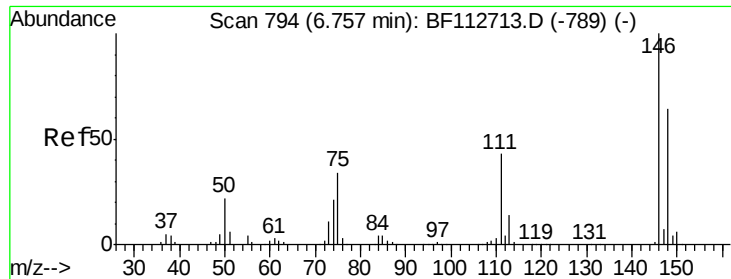
Sohil
3/26/2019 6:34:50 PM



#12
1,3-Dichlorobenzene
Concen: 35.526 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.9	76.3
75	28.1	26.9	40.3





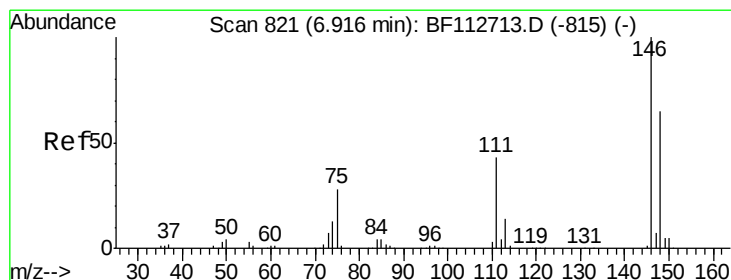
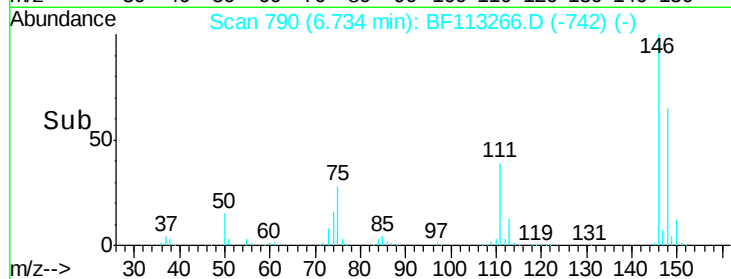
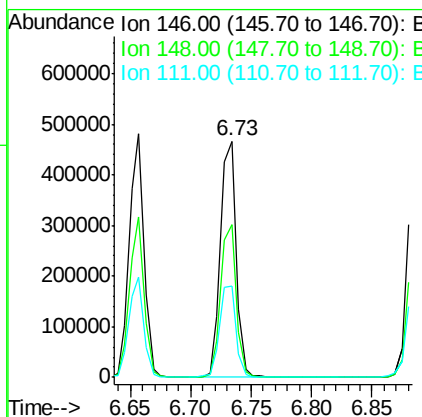
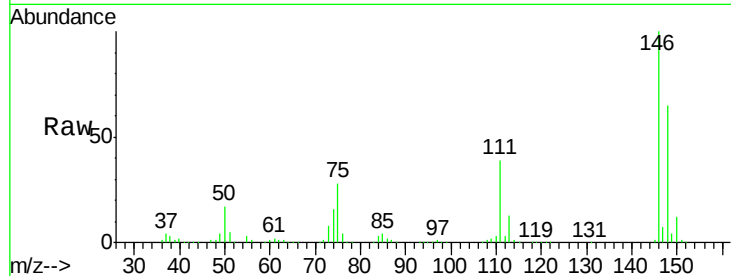
#13
 1,4-Dichlorobenzene
 Concen: 36.572 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.4
111	38.7	34.5	51.7

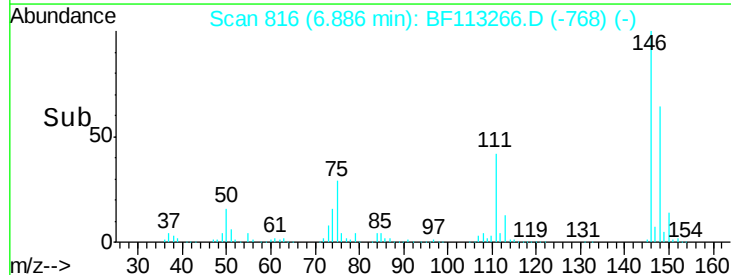
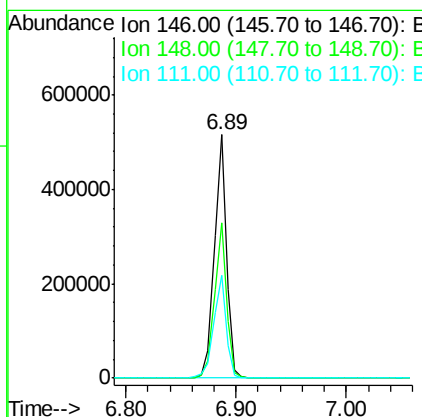
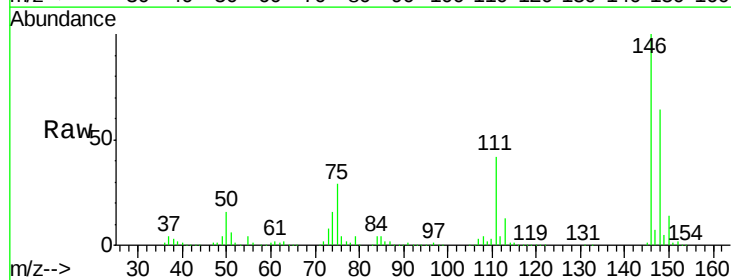
Manual Integrations
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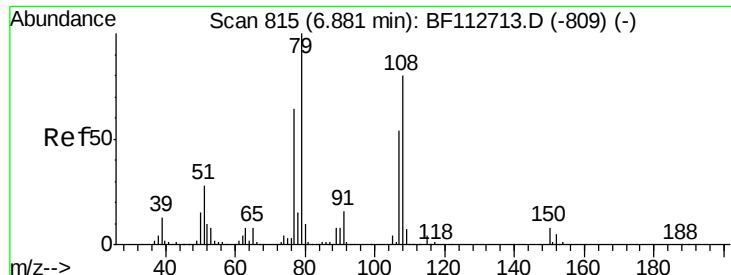
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.988 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.0	78.0
111	42.1	34.8	52.2





#15

Benzyl Alcohol

Concen: 33.908 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Instrument :

BNA_F

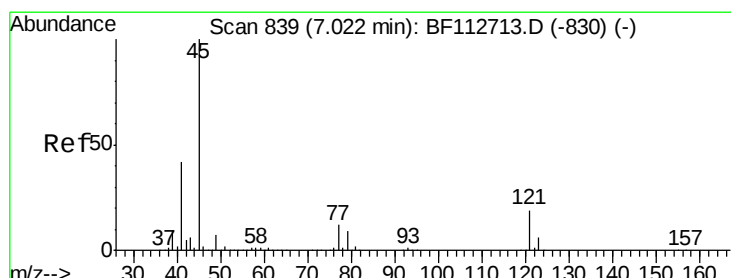
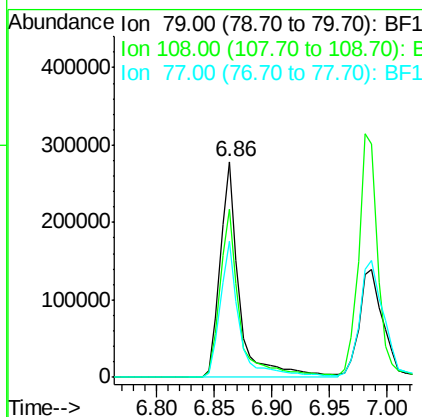
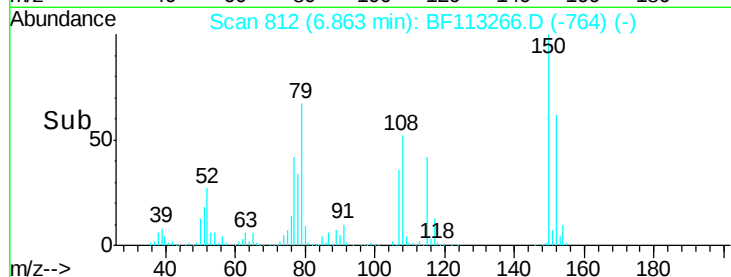
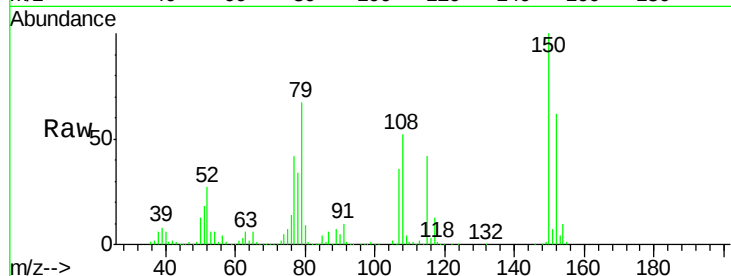
ClientSampleId :

S3B(5-15)COMPMSD

Tot Ion:	79	Resp:	322938
Ion Ratio	Lower	Upper	
79	100		
108	78.1	64.2	96.4
77	62.8	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.369 ng

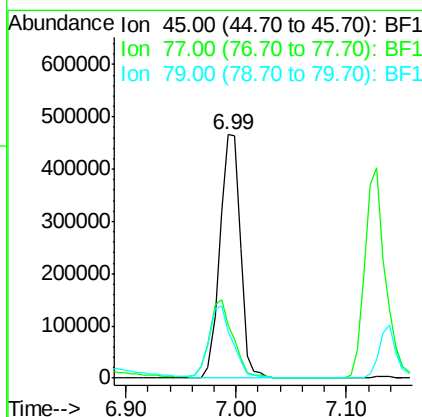
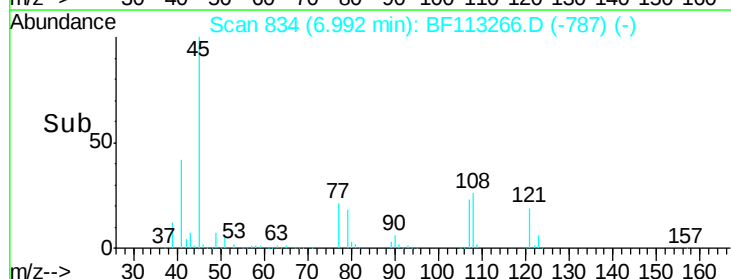
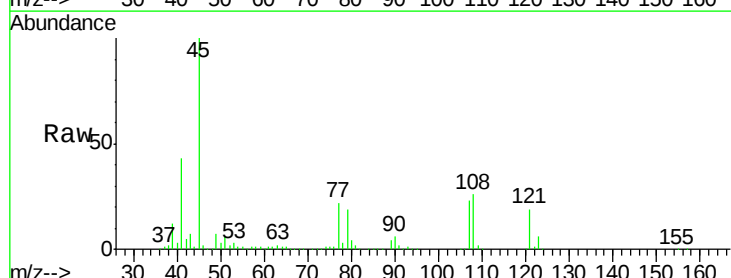
RT: 6.99 min Scan# 834

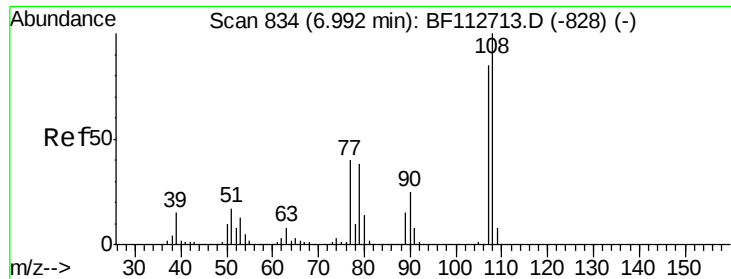
Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Tgt Ion:	45	Resp:	604291
Ion Ratio	Lower	Upper	
45	100		
77	21.9	0.0	32.1
79	19.2	0.0	29.4





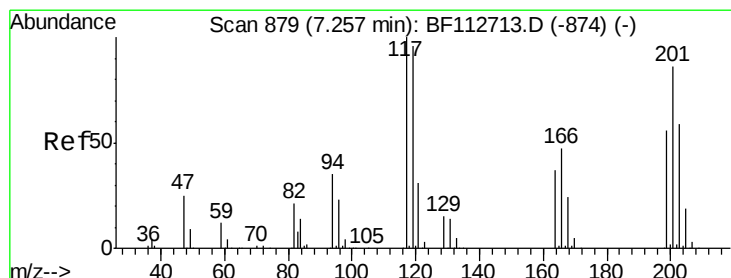
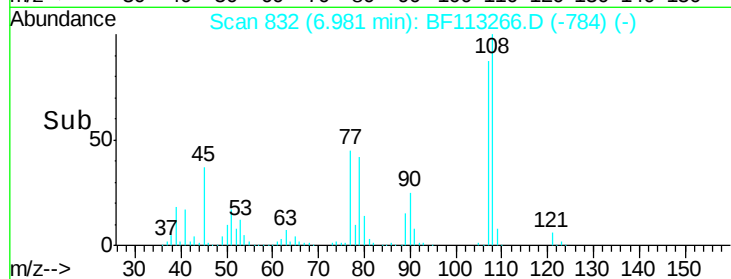
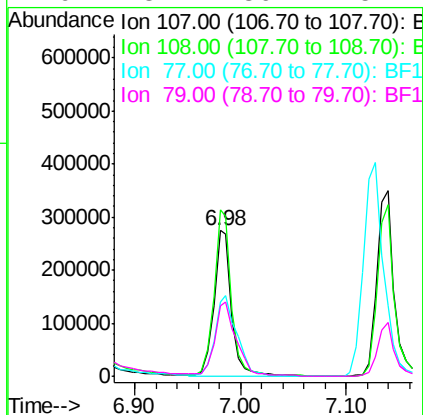
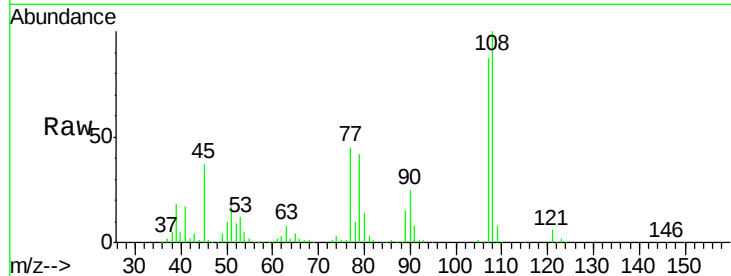
#17
2-Methylphenol
Concen: 35.850 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	321901		
108	108.00	114.3		94.6	142.0
77	77.00	50.9		37.8	56.8
79	79.00	48.2		36.2	54.2

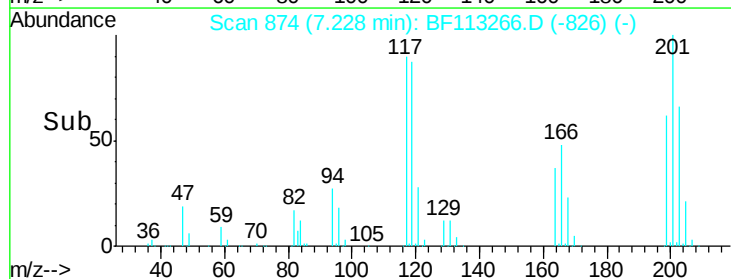
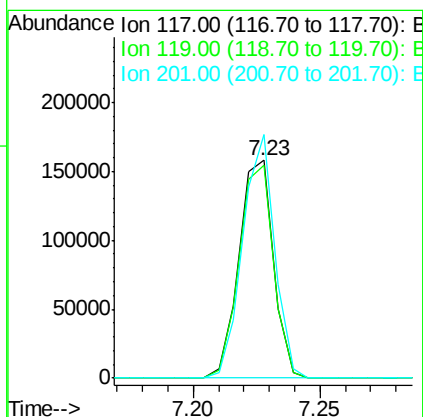
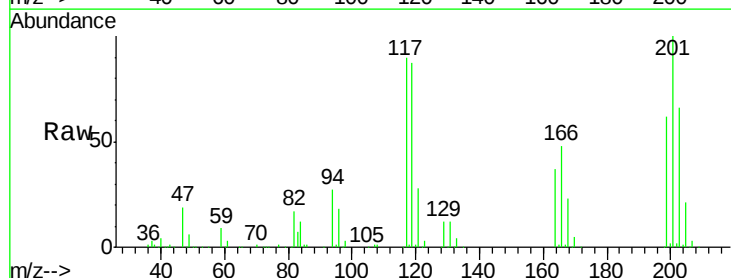
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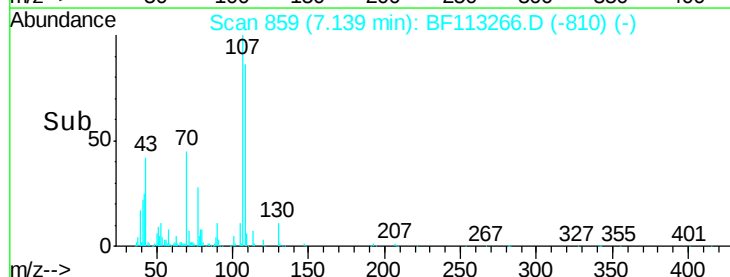
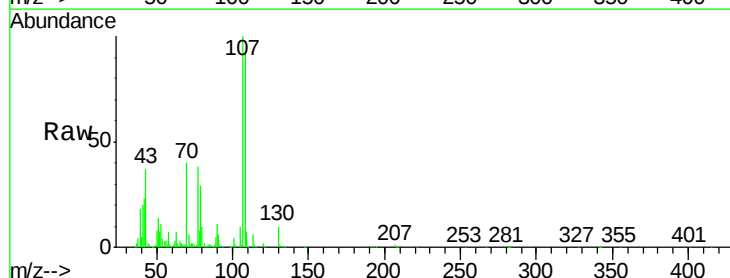
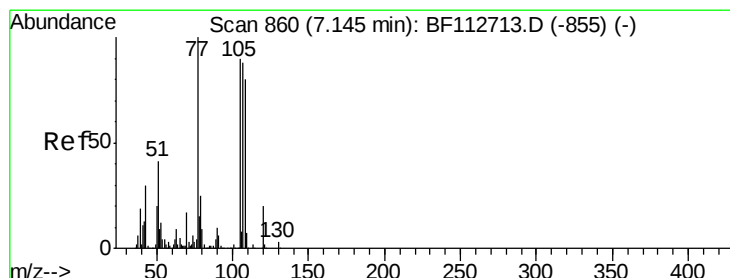
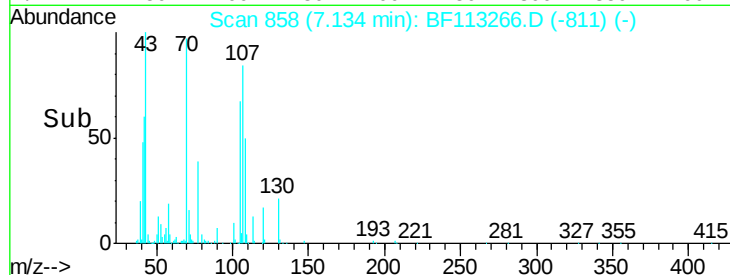
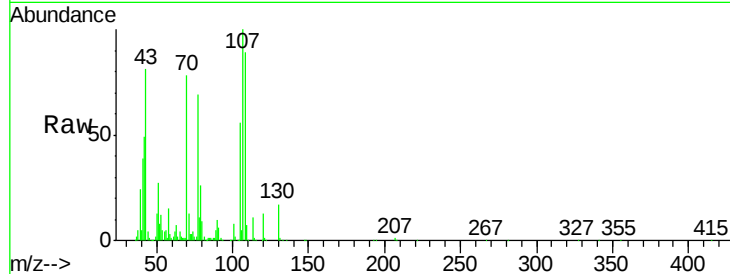
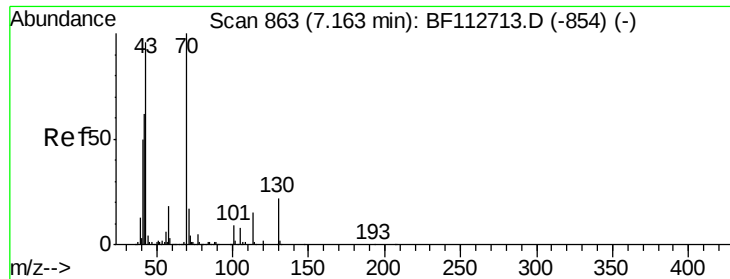
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#18
Hexachloroethane
Concen: 33.934 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

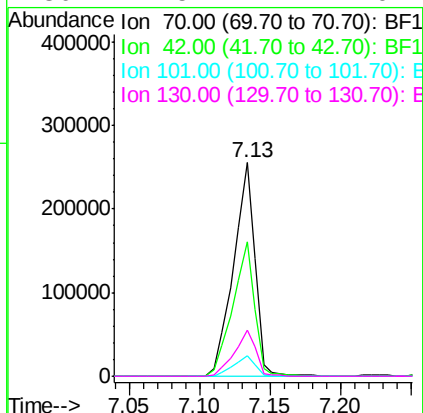
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	149046		
119	119.00	97.5		76.6	115.0
201	201.00	111.7		68.9	103.3#





#19
n-Nitroso-di-n-propylamine
Concen: 34.374 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.8	49.9	74.9
101	9.8	7.4	11.2
130	21.5	17.4	26.2



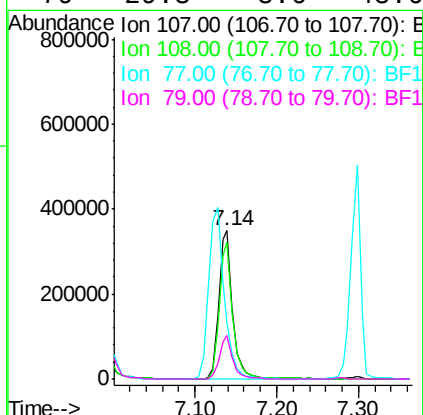
Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

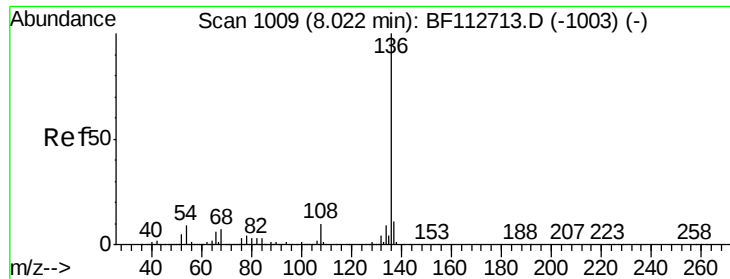
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#20
3+4-Methylphenols
Concen: 40.205 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	71.4	111.4
77	38.3	94.1	134.1#
79	29.3	8.6	48.6





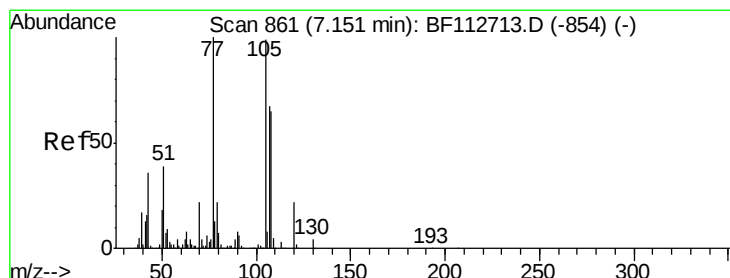
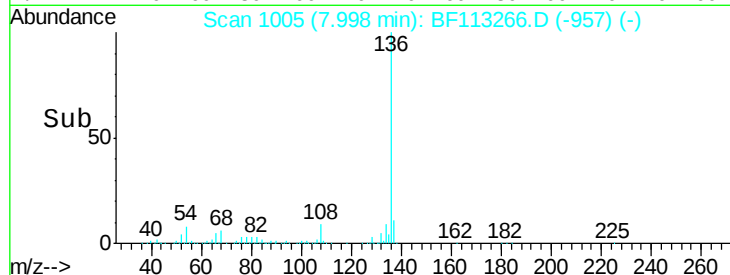
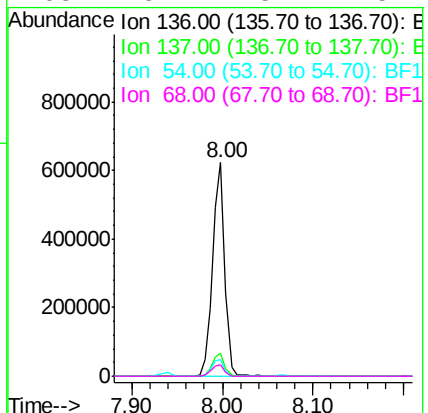
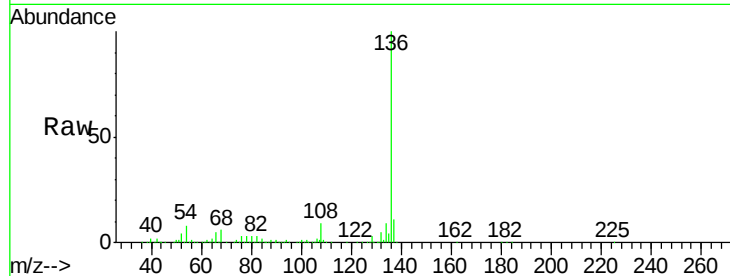
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	587553		
137	10.9		8.9	13.3
54	8.1		7.3	10.9
68	5.7		5.4	8.2

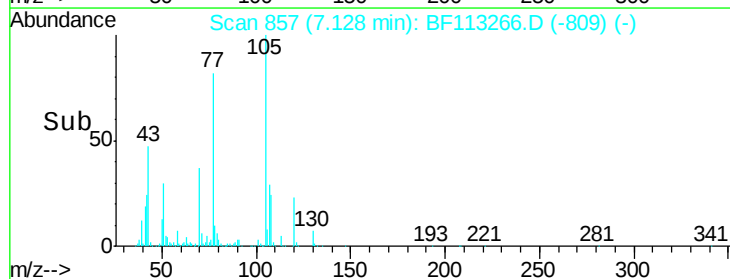
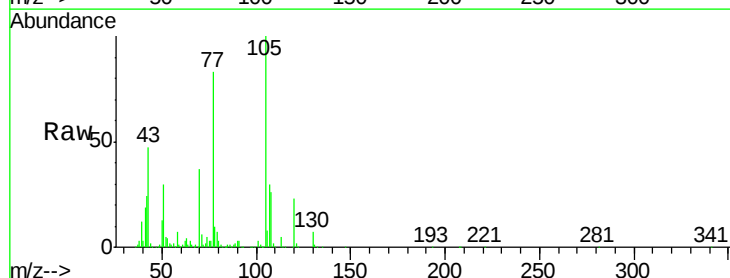
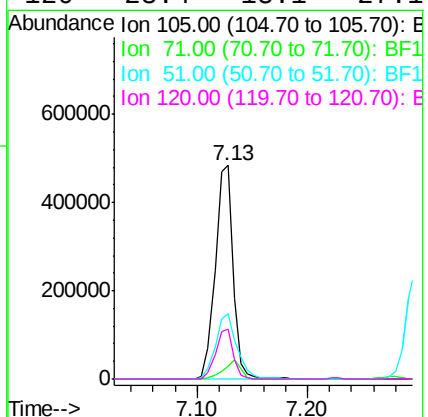
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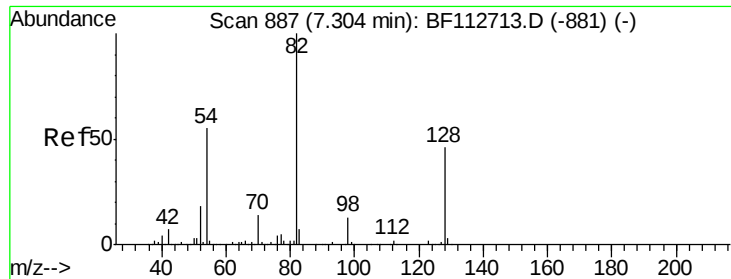
Sohil
3/26/2019 6:34:50 PM



#22
Acetophenone
Concen: 39.328 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	540311		
71	6.1		3.0	4.4#
51	30.3		31.5	47.3#
120	23.4		18.1	27.1





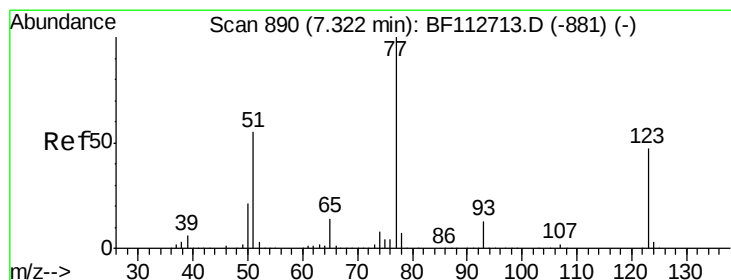
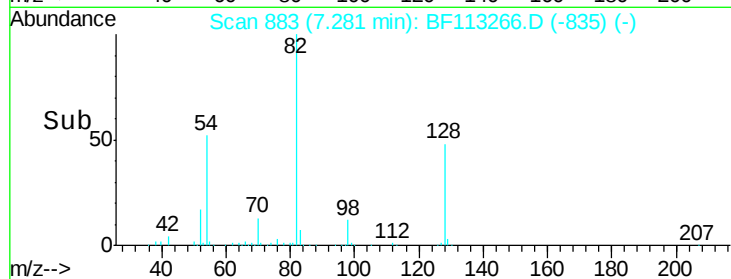
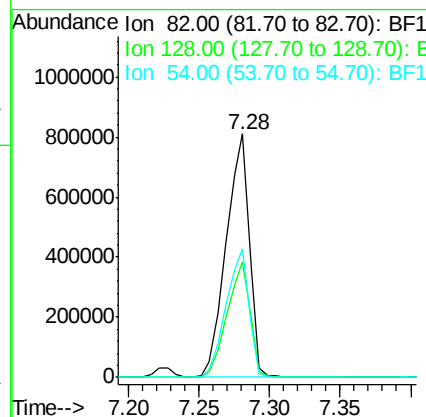
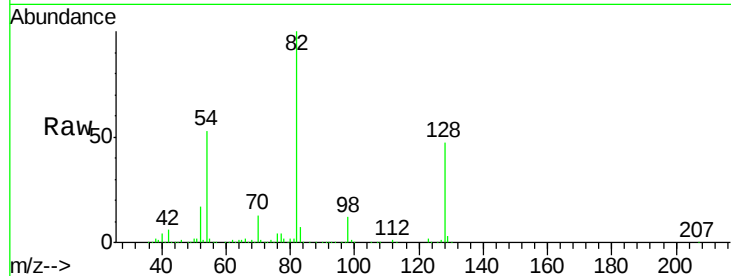
#23
Nitrobenzene-d5
Concen: 94.289 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.3	54.5
54	52.7	43.7	65.5

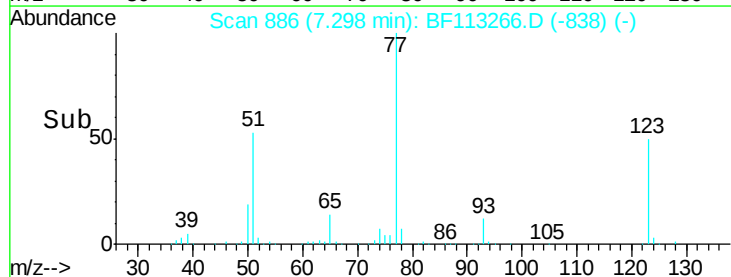
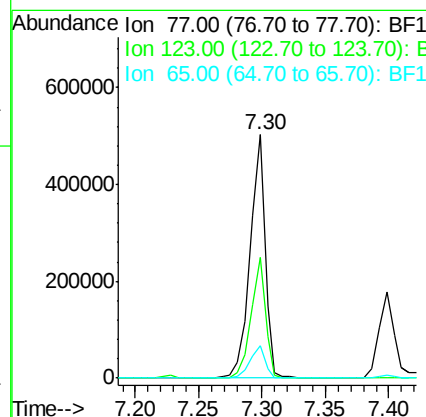
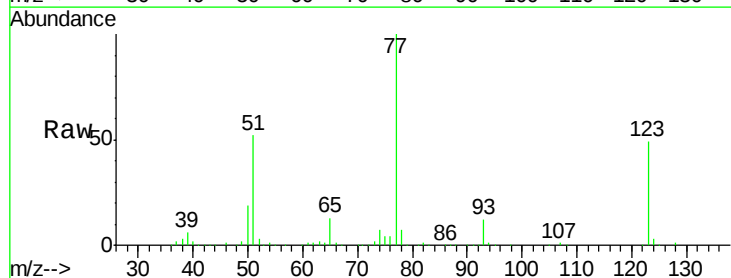
Manual Integrations
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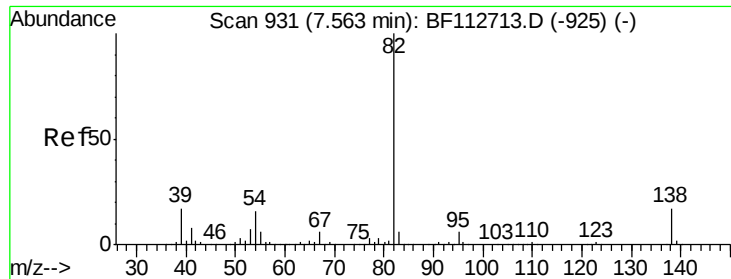
Sohil
3/26/2019 6:34:50 PM



#24
Nitrobenzene
Concen: 37.779 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.8	56.6
65	13.4	11.1	16.7





#25

Isophorone

Concen: 36.396 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Instrument :

BNA_F

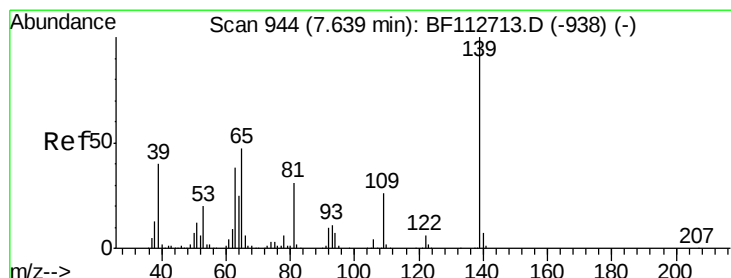
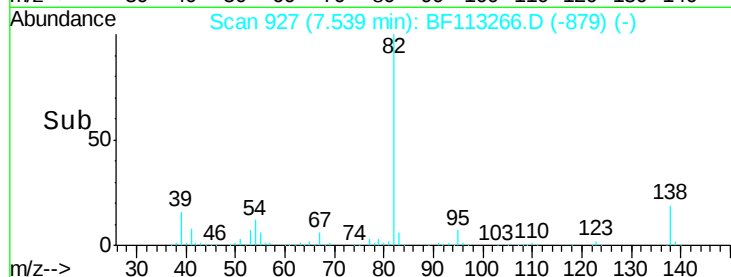
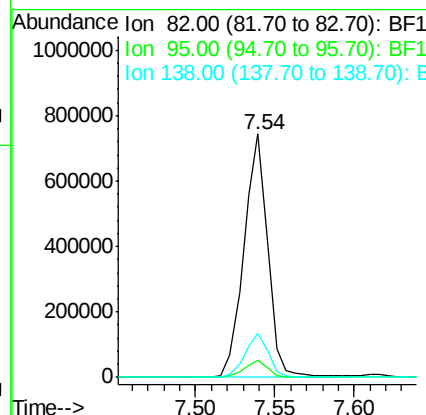
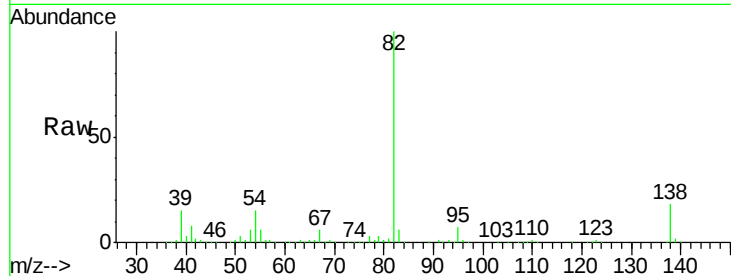
ClientSampleId :

S3B(5-15)COMPMSD

Tot Ion:	82	Resp:	769913
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	18.1	13.8	20.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.467 ng

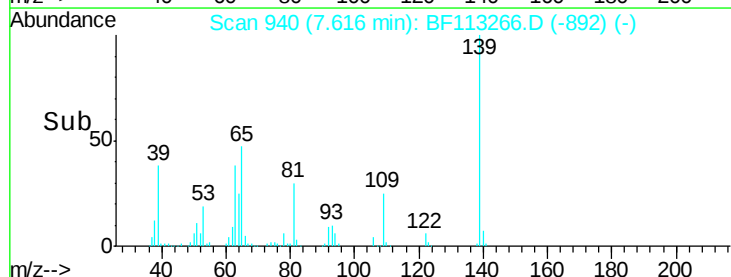
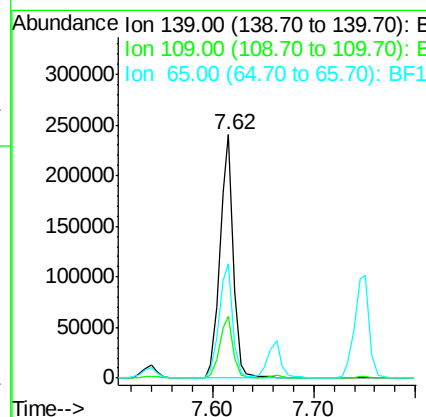
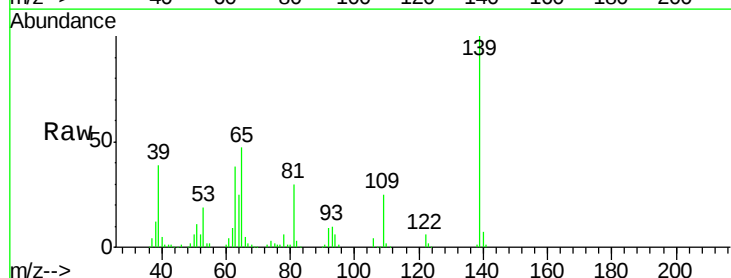
RT: 7.62 min Scan# 940

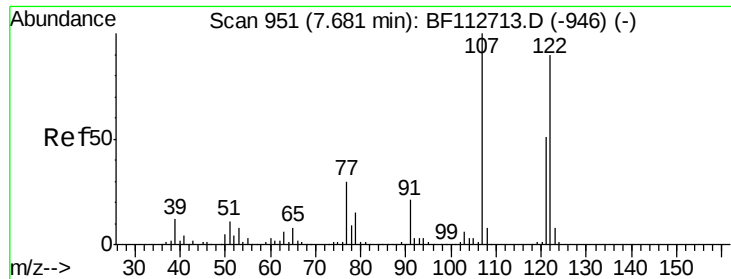
Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Tgt Ion:	139	Resp:	220493
Ion Ratio	Lower	Upper	
139	100		
109	25.3	20.6	31.0
65	47.0	37.9	56.9





#27

2,4-Dimethylphenol

Concen: 42.270 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Instrument :

BNA_F

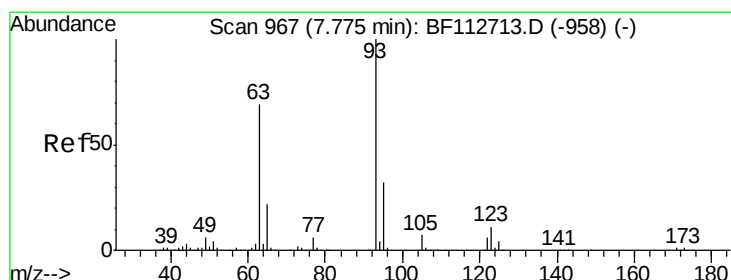
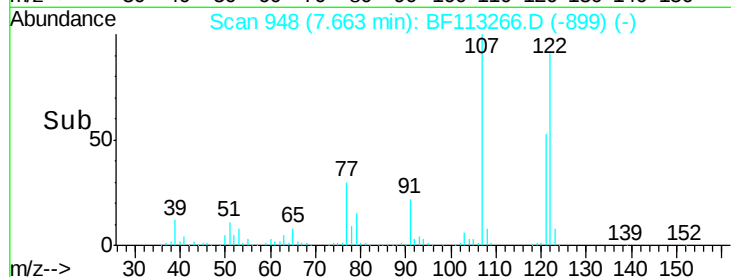
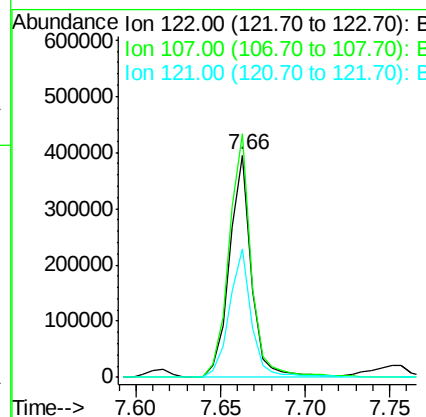
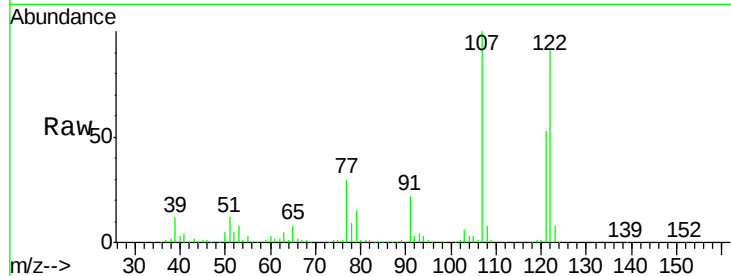
ClientSampleId :

S3B(5-15)COMPMSD

Tot Ion:	122	Resp:	357758
Ion Ratio	Lower	Upper	
122	100		
107	109.7	89.4	134.0
121	57.9	45.5	68.3

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#28

bis(2-Chloroethoxy)methane

Concen: 37.227 ng

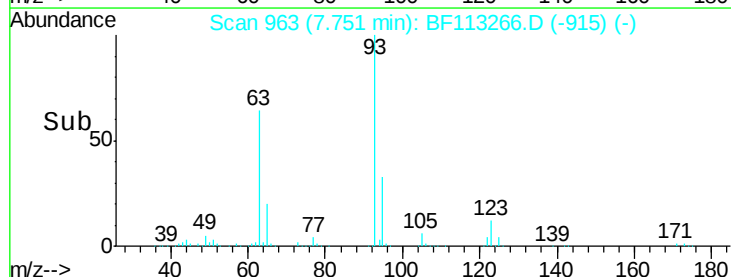
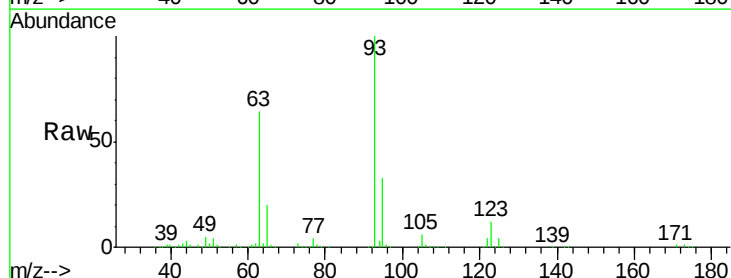
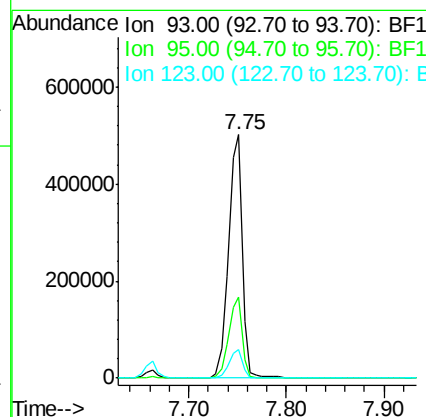
RT: 7.75 min Scan# 963

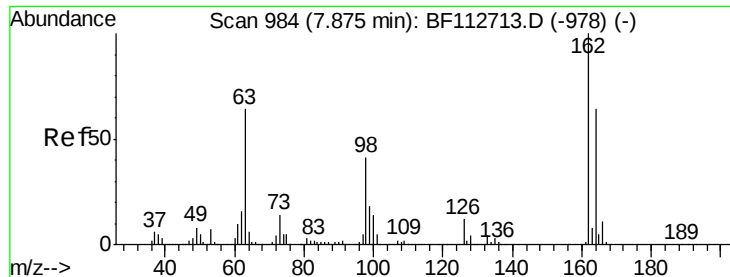
Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Tgt Ion:	93	Resp:	492347
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.0	39.0
123	11.8	9.3	13.9





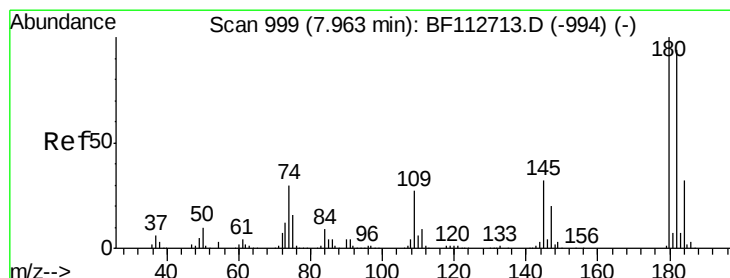
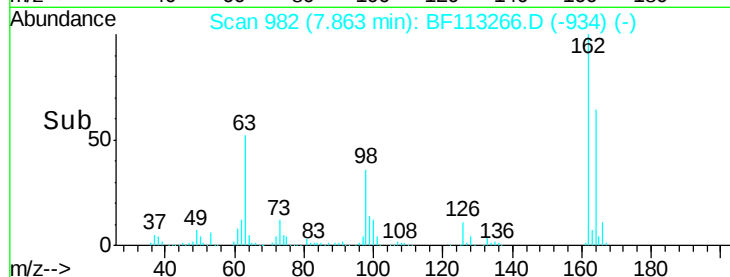
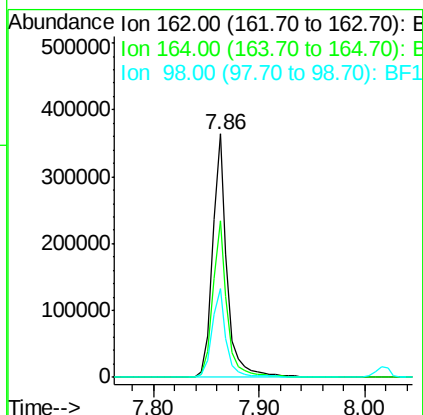
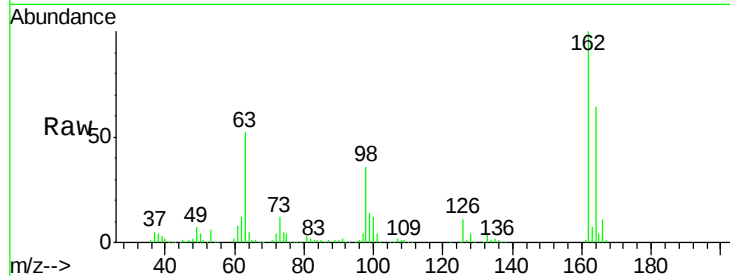
#29
2,4-Dichlorophenol
Concen: 43.052 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	353349		
164	64.2	44.0	84.0	
98	36.2	20.7	60.7	

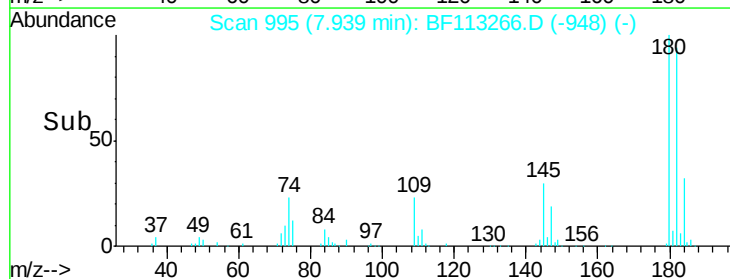
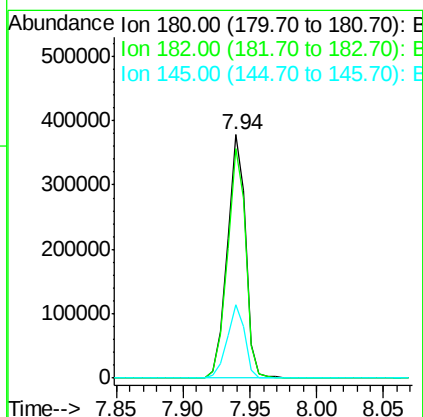
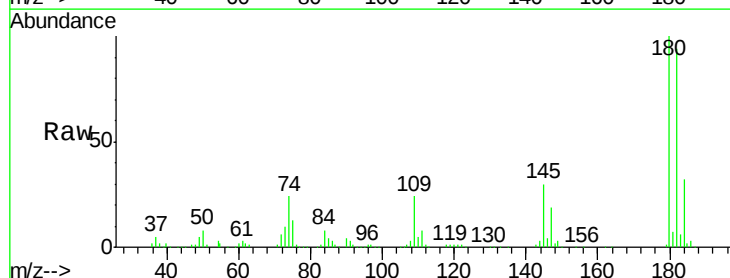
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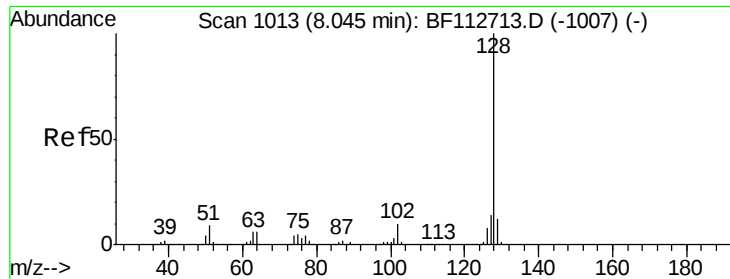
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#30
1,2,4-Trichlorobenzene
Concen: 41.566 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	366572		
182	94.1	75.2	112.8	
145	30.3	25.4	38.0	





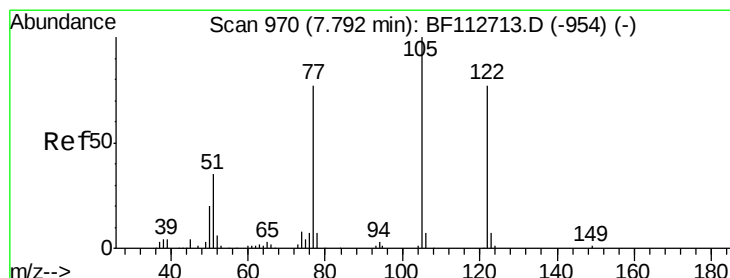
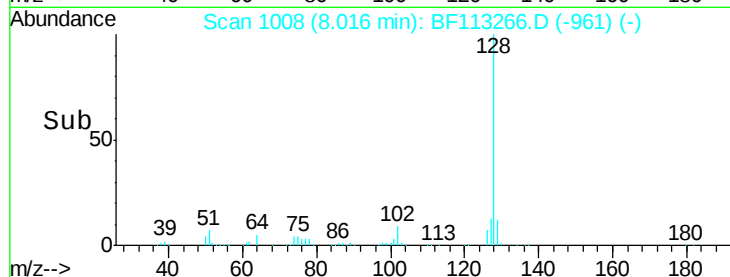
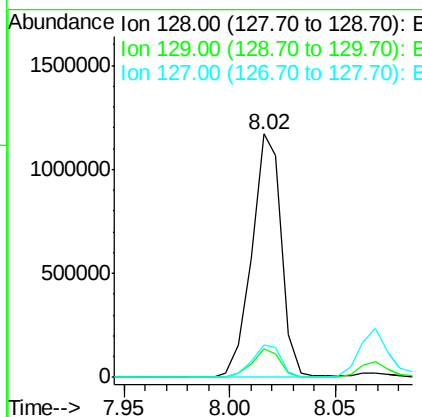
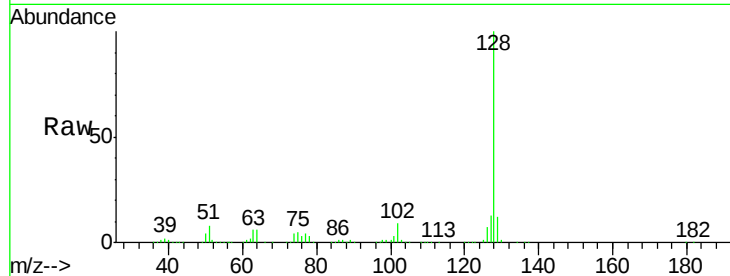
#31
Naphthalene
Concen: 39.156 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion:128 Resp: 1142202
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 10.9 16.3

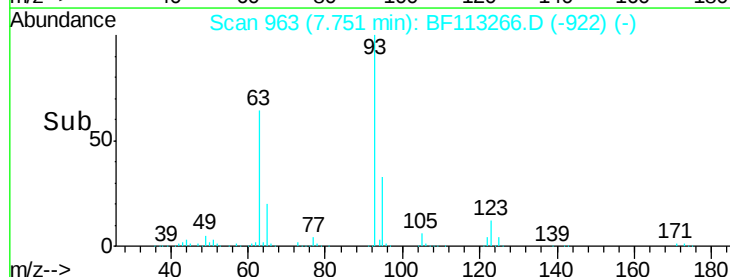
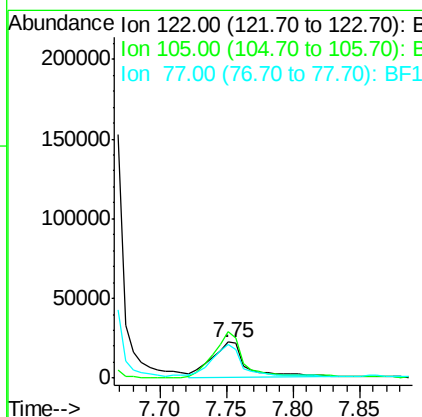
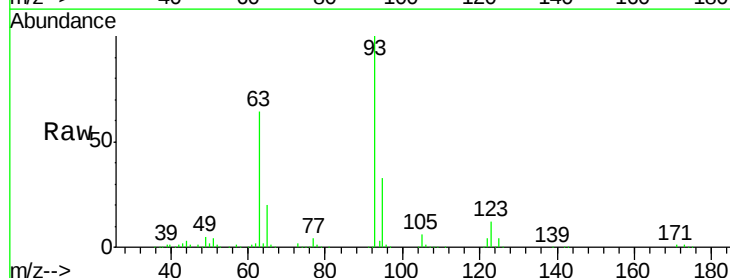
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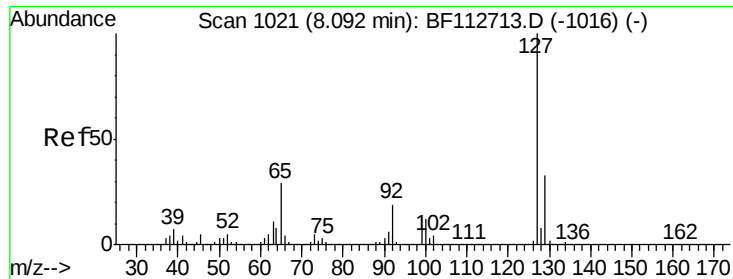
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#32
Benzoic acid
Concen: 6.545 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.06 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion:122 Resp: 38828
Ion Ratio Lower Upper
122 100
105 129.7 106.8 146.8
77 94.9 79.4 119.4





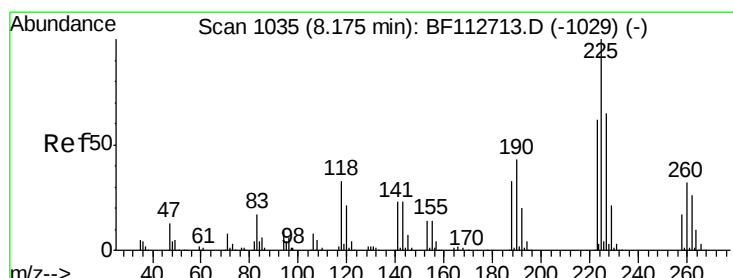
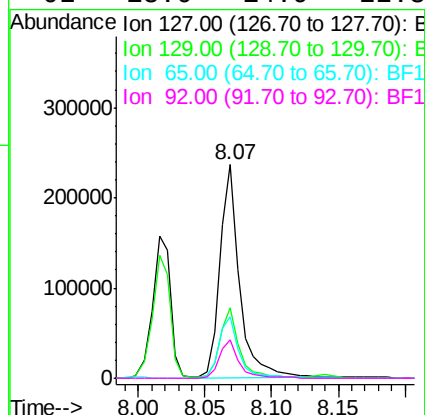
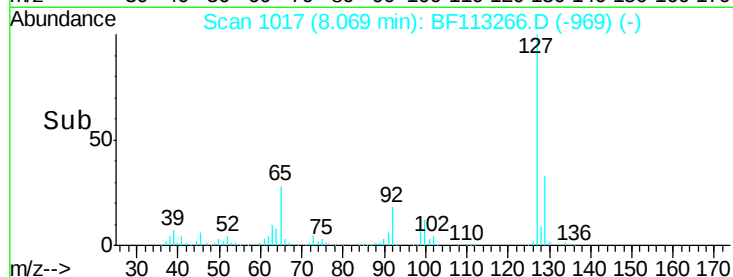
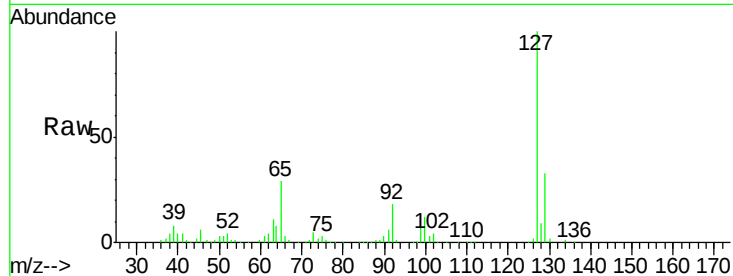
#33
4-Chloroaniline
Concen: 19.946 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampled :
S3B(5-15)COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.4	39.6		
65	28.5	23.1	34.7		
92	18.0	14.9	22.3		

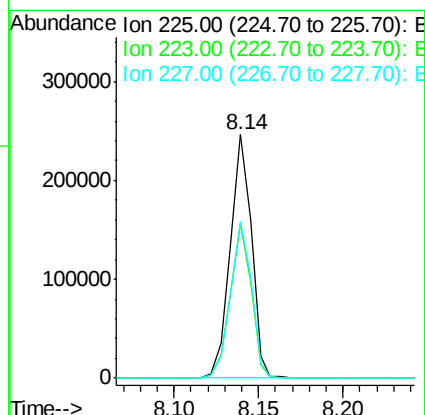
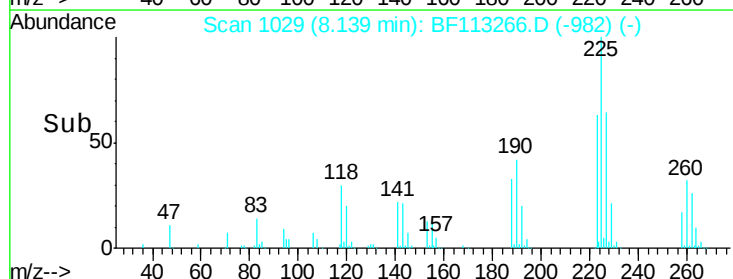
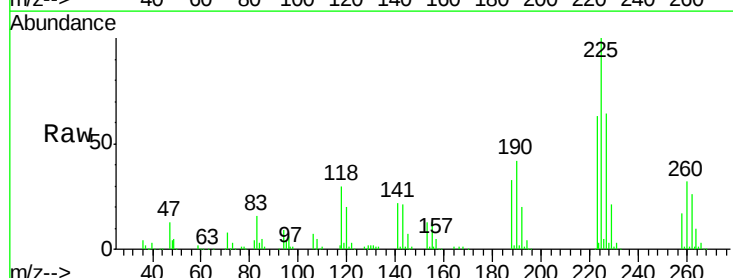
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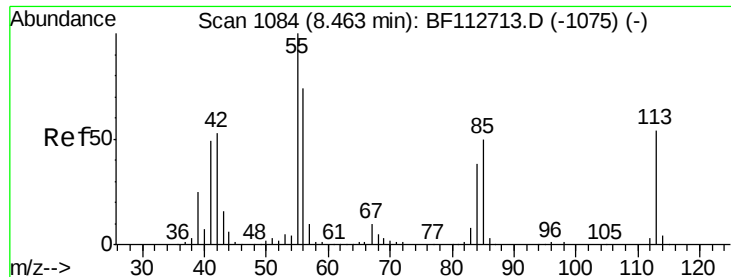
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#34
Hexachlorobutadiene
Concen: 43.088 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	49.7	74.5		
227	64.3	52.1	78.1		





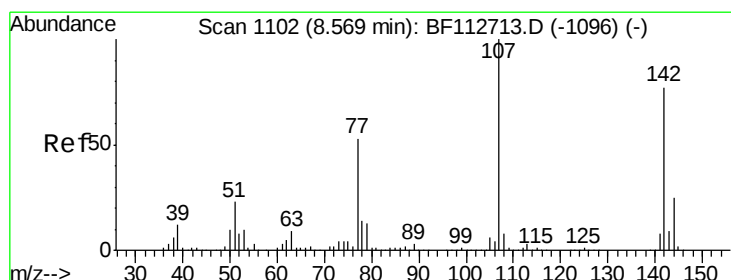
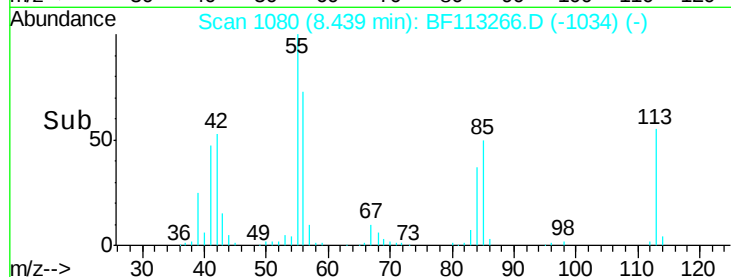
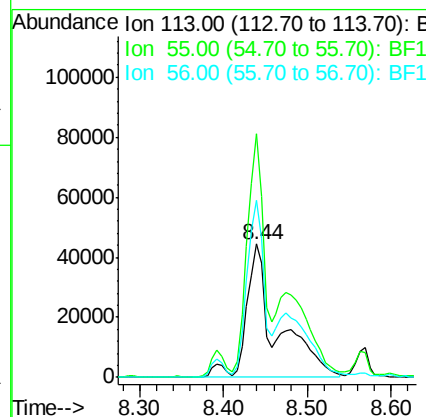
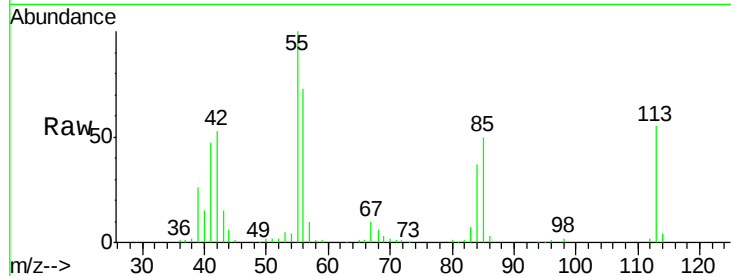
#35
Caprolactam
Concen: 38.706 ng/ml
RT: 8.44 min Scan# 1080
Delta R.T. -0.03 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.1	163.5	203.5
56	133.0	115.3	155.3

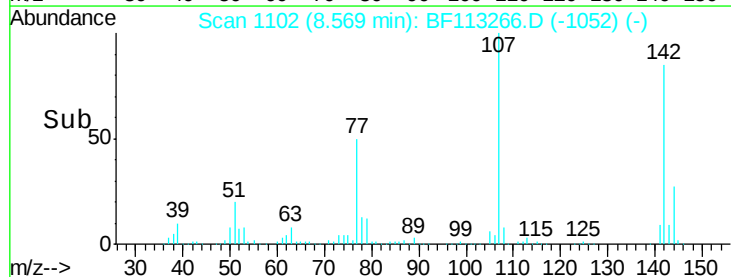
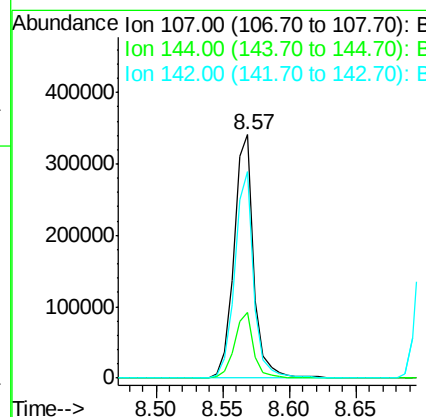
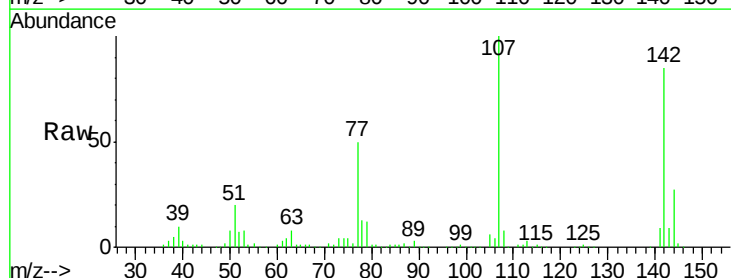
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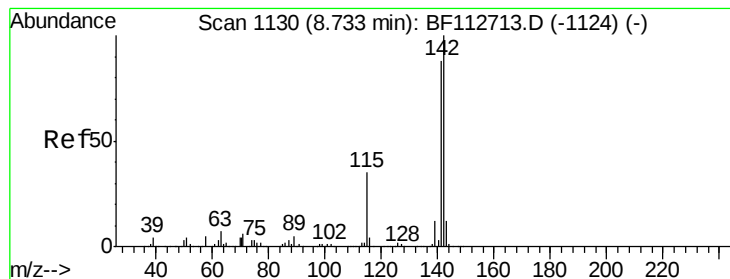
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#36
4-Chloro-3-methylphenol
Concen: 39.103 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	20.1	30.1
142	84.9	61.9	92.9





#37

2-Methylnaphthalene

Concen: 41.276 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Instrument :

BNA_F

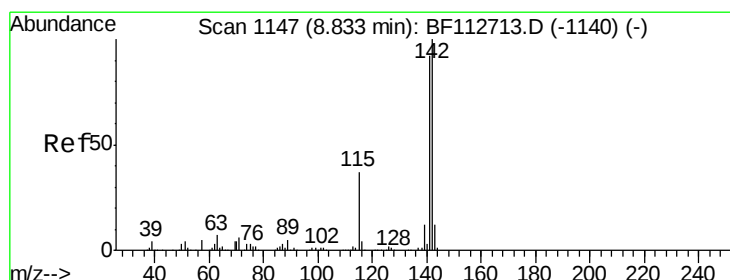
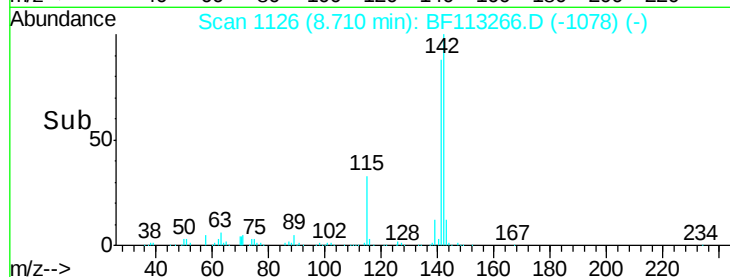
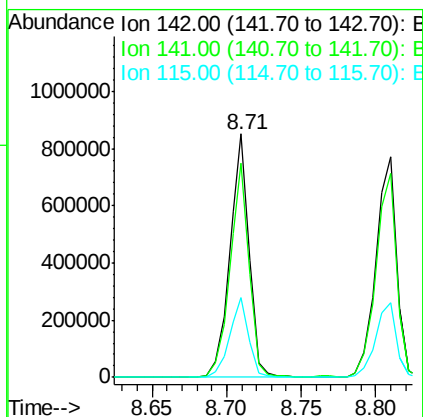
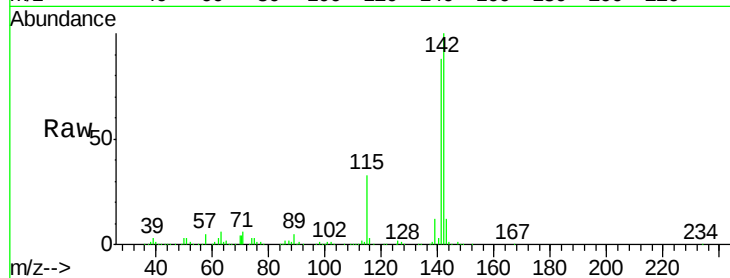
ClientSampleId :

S3B(5-15)COMPMSD

Tot Ion:	142	Resp:	777552
Ion Ratio	Lower	Upper	
142	100		
141	87.8	70.3	105.5
115	32.8	27.8	41.6

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 39.977 ng

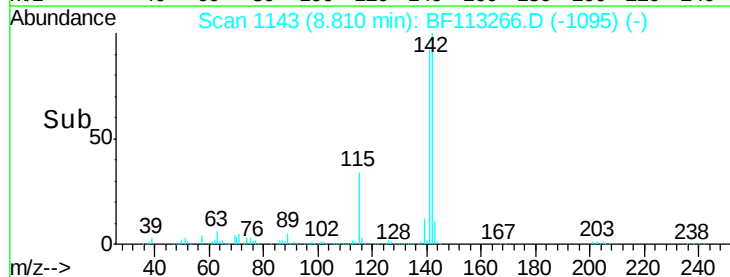
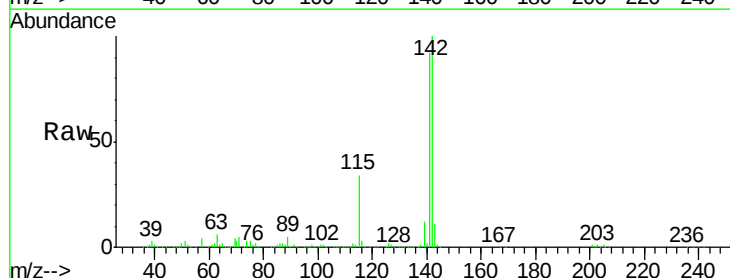
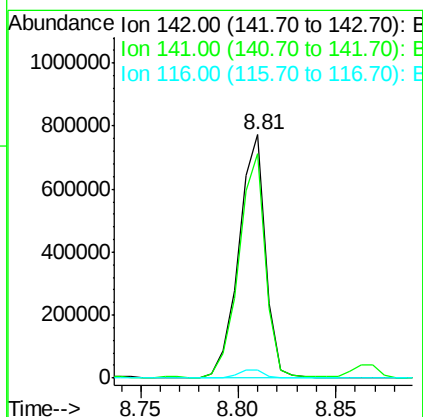
RT: 8.81 min Scan# 1143

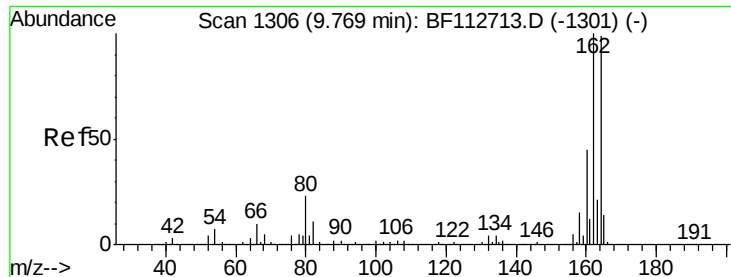
Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Tgt Ion:	142	Resp:	729512
Ion Ratio	Lower	Upper	
142	100		
141	92.3	73.7	110.5
116	3.4	3.1	4.7





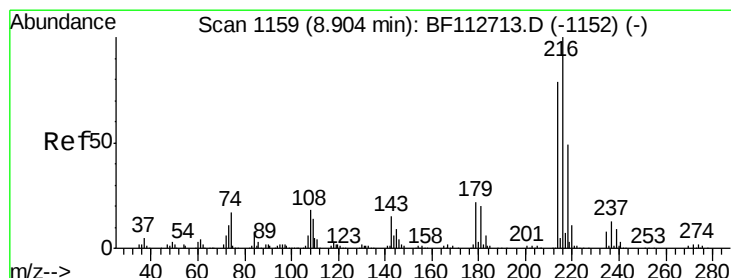
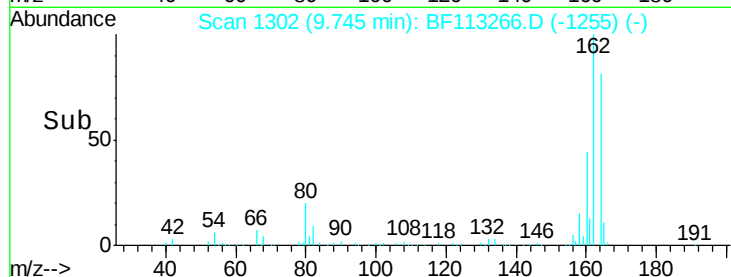
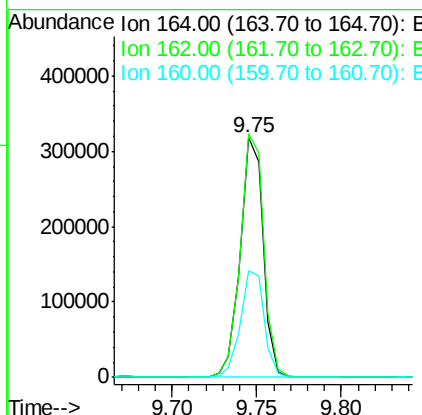
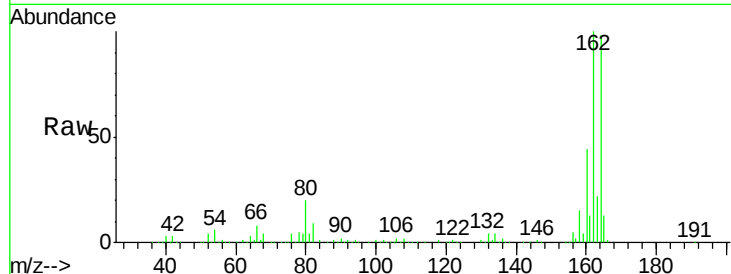
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	44.3	36.0	54.0

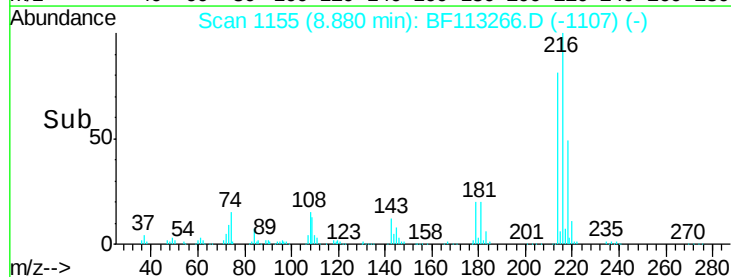
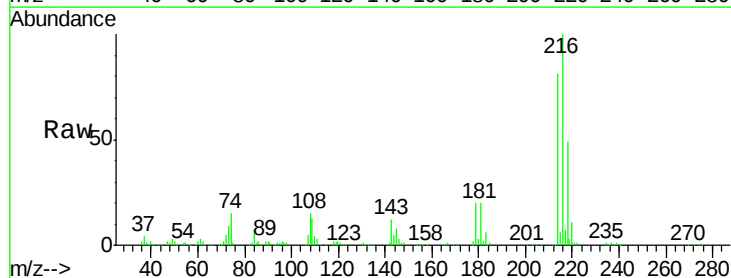
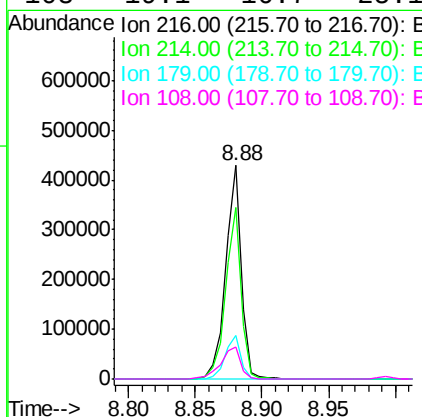
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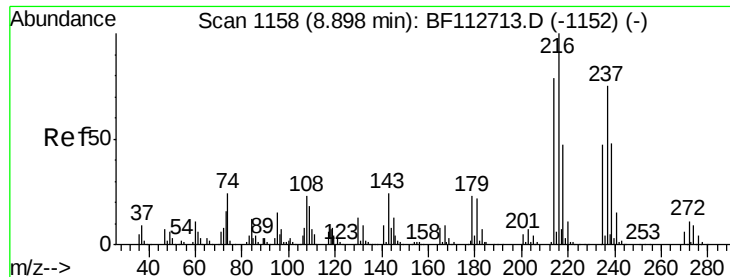
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.434 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.2	94.8
179	20.6	17.5	26.3
108	19.1	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 74.440 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Instrument :

BNA_F

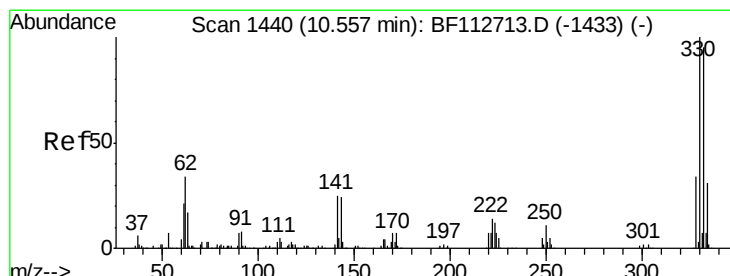
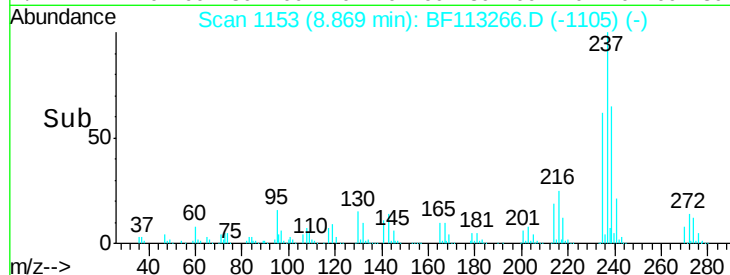
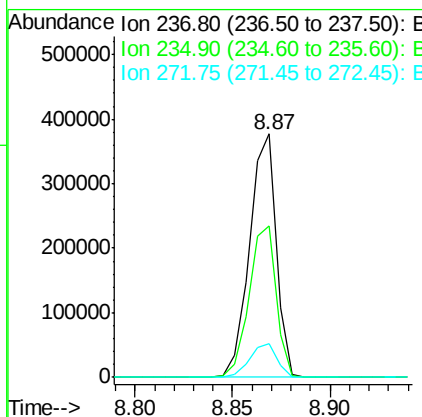
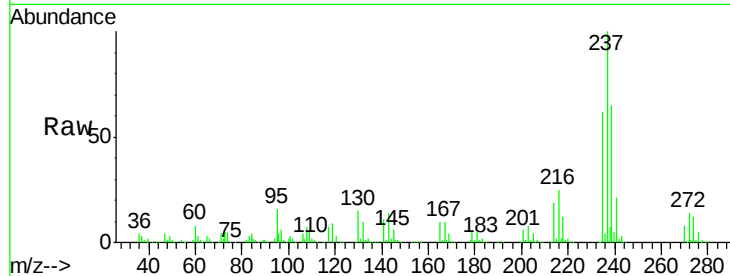
ClientSampleId :

S3B(5-15)COMPMSD

Tot Ion:	237	Resp:	357867
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.2	82.2
272	14.1	0.0	34.0

Manual Integrations
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3/26/2019 6:34:50 PM



#42

2,4,6-Tribromophenol

Concen: 158.395 ng

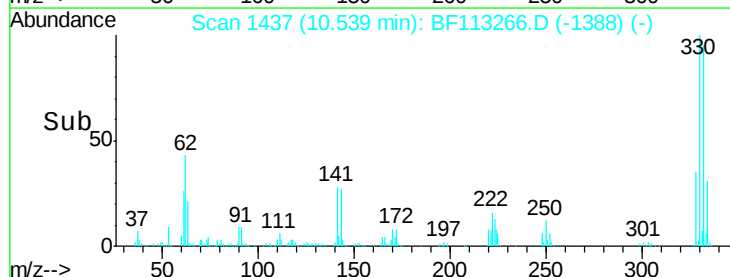
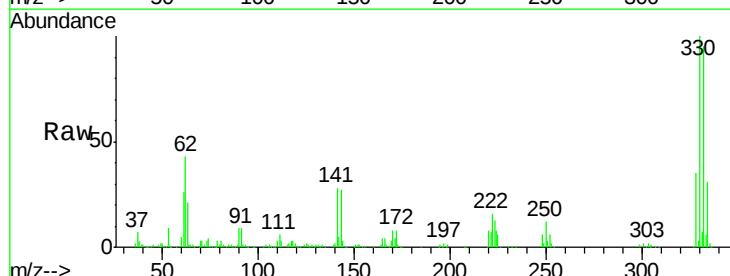
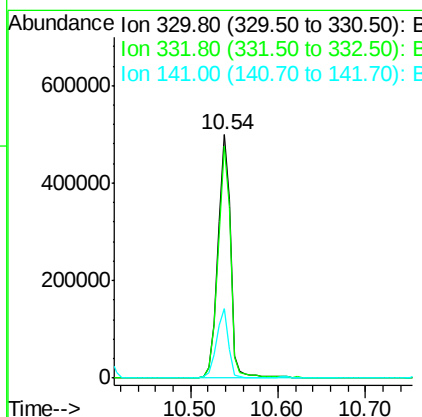
RT: 10.54 min Scan# 1437

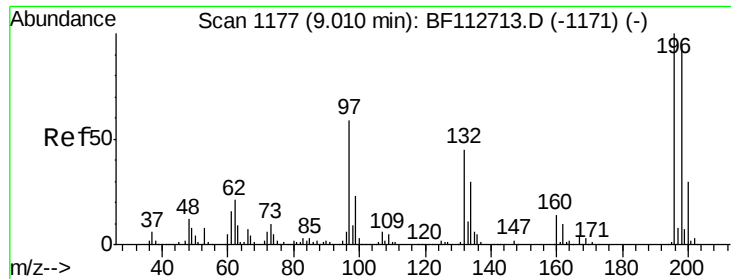
Delta R.T. -0.01 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Tgt Ion:	330	Resp:	506249
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.2	114.4
141	27.2	27.0	40.6





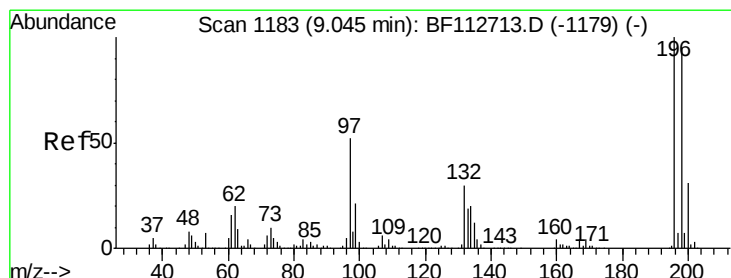
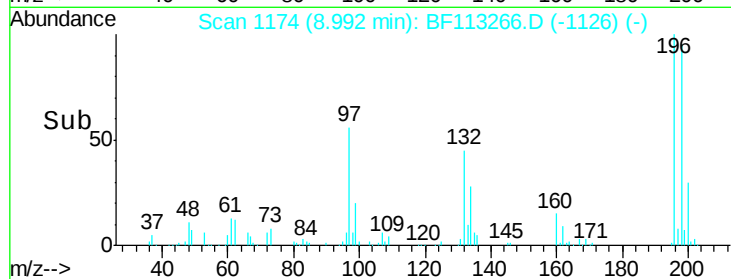
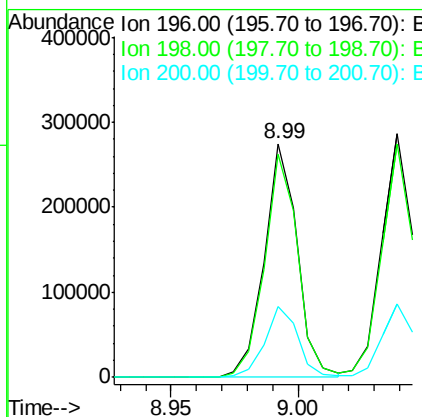
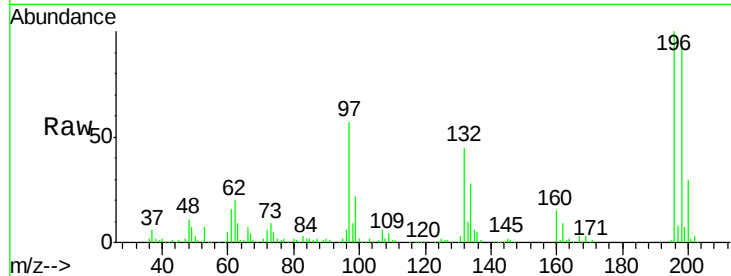
#43
 2,4,6-Trichlorophenol
 Concen: 41.606 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	251385		
198	95.3	75.8	113.8	
200	30.1	24.3	36.5	

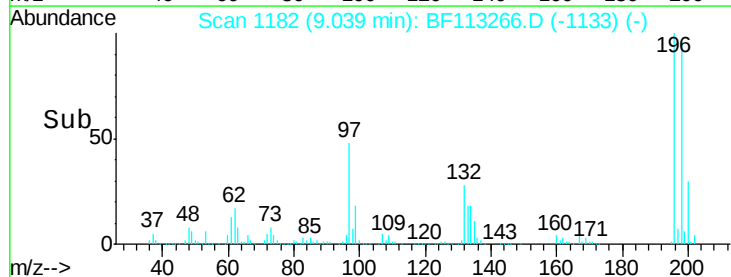
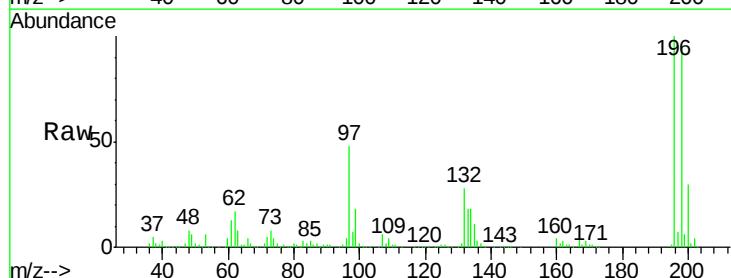
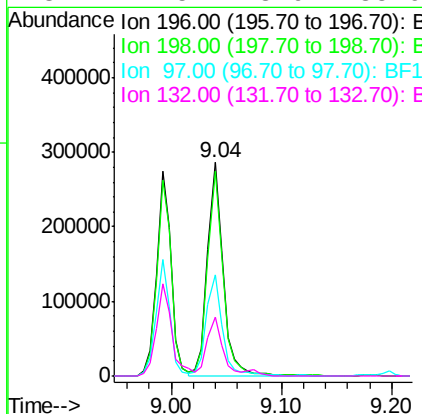
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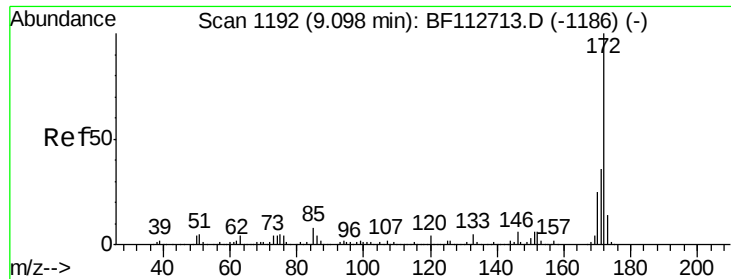
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#44
 2,4,5-Trichlorophenol
 Concen: 41.809 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273044		
198	96.1	76.2	114.2	
97	47.5	41.5	62.3	
132	27.5	23.9	35.9	





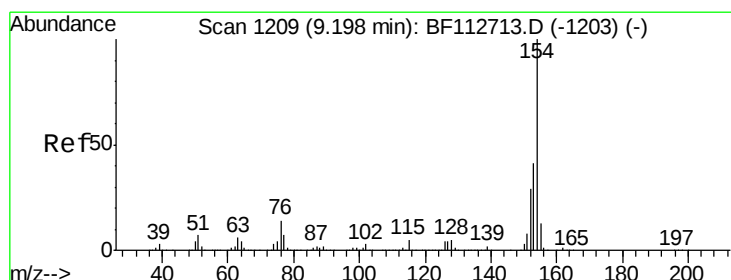
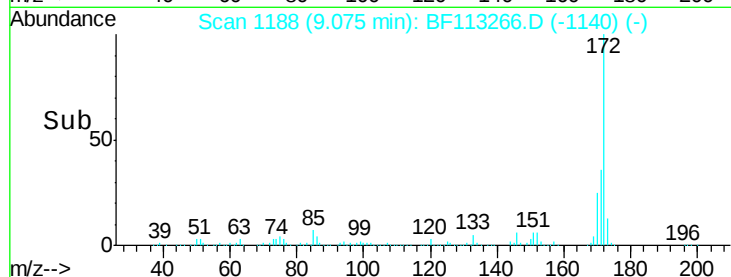
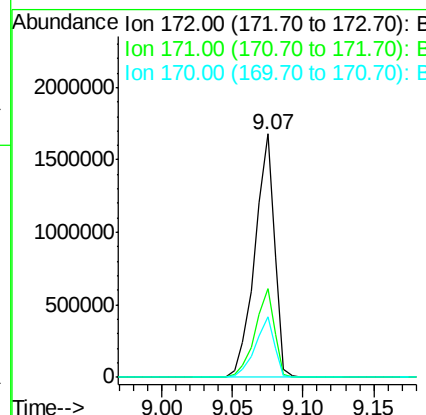
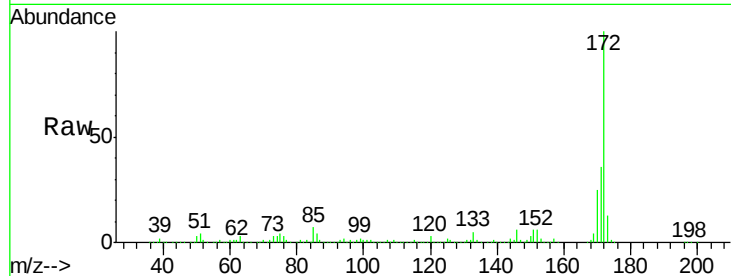
#45
2-Fluorobiphenyl
Concen: 93.212 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.8	20.0	30.0

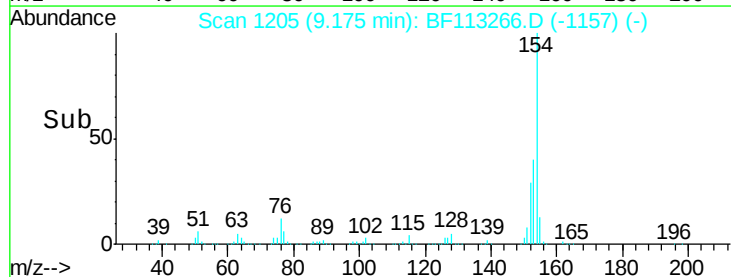
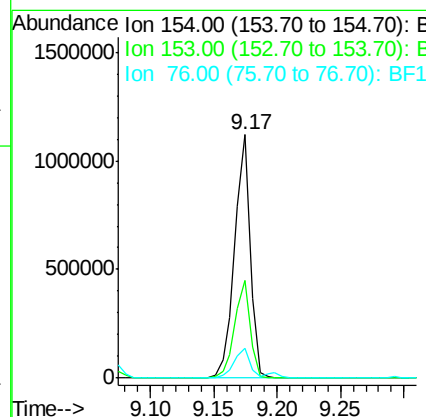
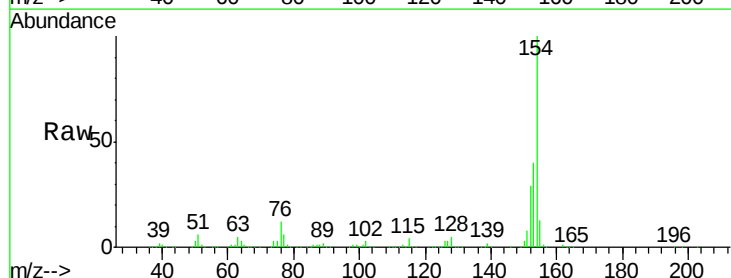
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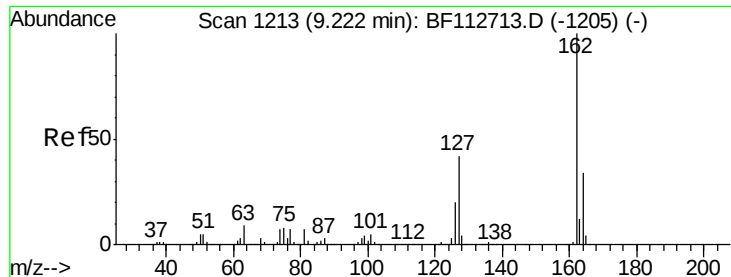
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#46
1,1'-Biphenyl
Concen: 38.920 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.8	60.8
76	12.0	0.0	33.8





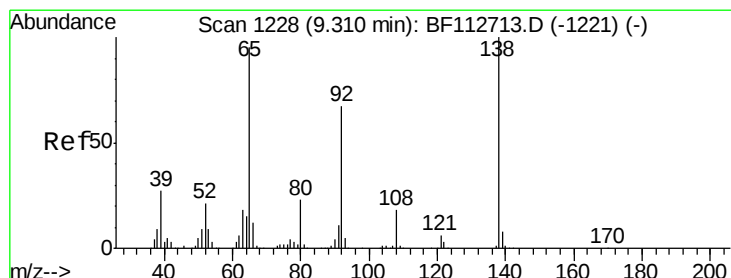
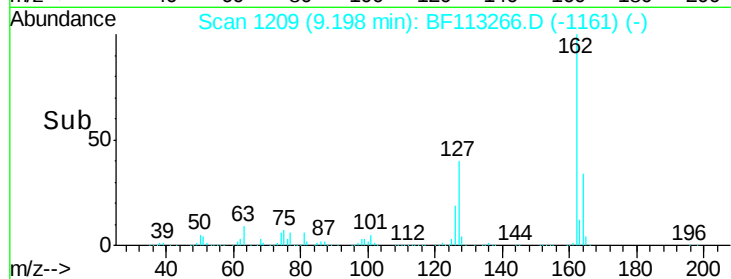
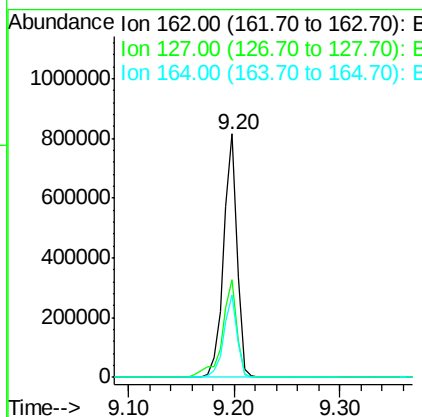
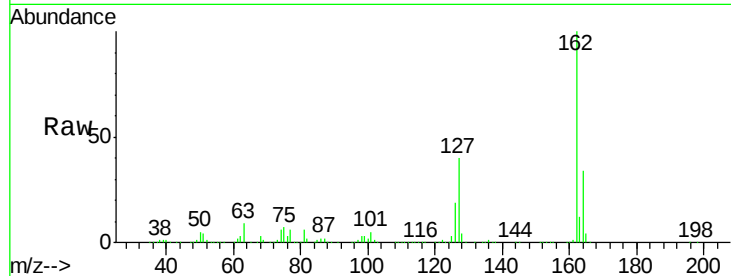
#47
 2-Chloronaphthalene
 Concen: 38.086 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMSD

Tot Ion:	162	Resp:	730265
Ion Ratio	Lower	Upper	
162	100		
127	39.9	33.4	50.2
164	34.0	26.9	40.3

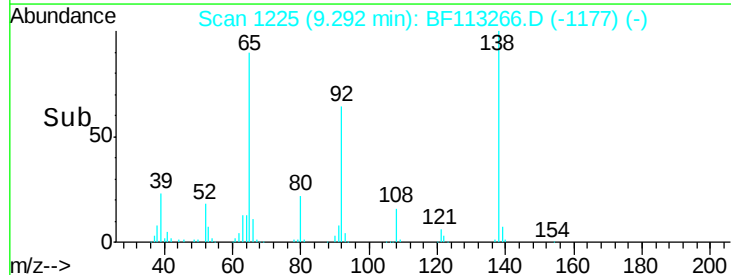
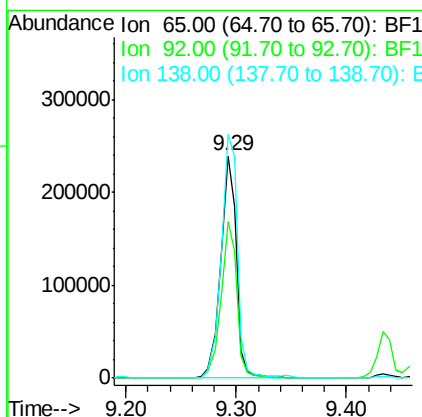
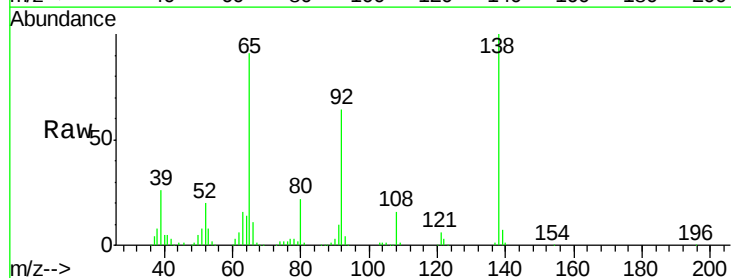
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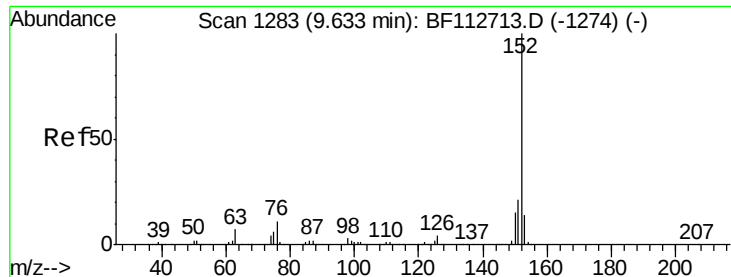
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#48
 2-Nitroaniline
 Concen: 41.014 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.02 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Tgt Ion:	65	Resp:	239034
Ion Ratio	Lower	Upper	
65	100		
92	70.5	56.4	84.6
138	109.6	84.6	126.8





#49

Acenaphthylene

Concen: 37.206 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMPMSD

Tot Ion:152 Resp: 1211109

Ion Ratio Lower Upper

152 100

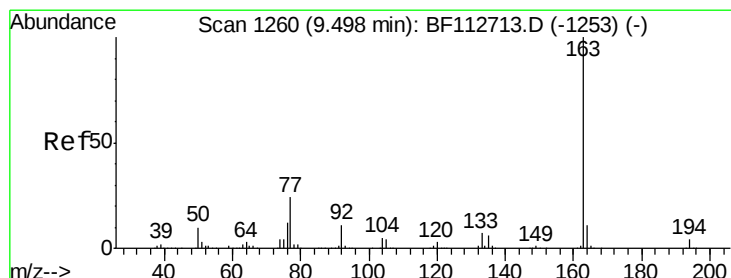
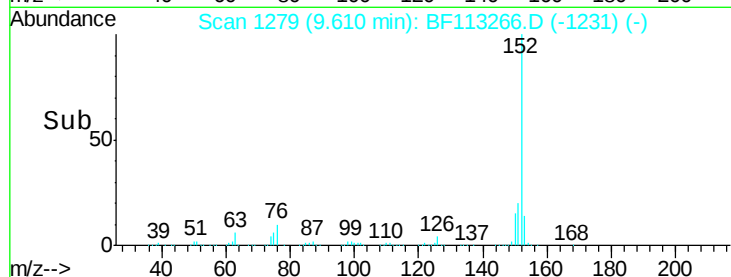
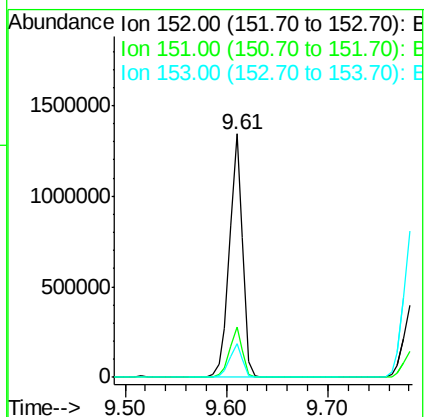
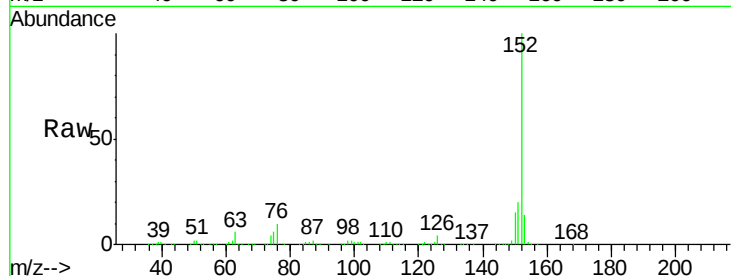
151 20.5 16.9 25.3

153 13.7 11.0 16.6

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#50

Dimethylphthalate

Concen: 43.941 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

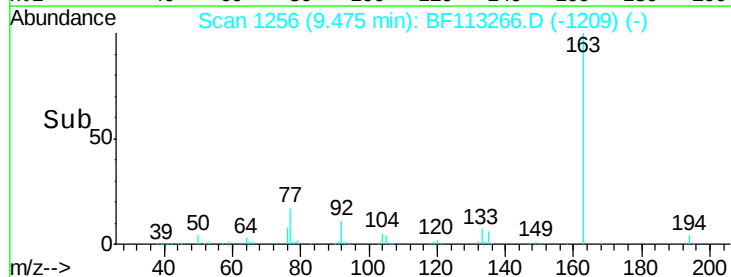
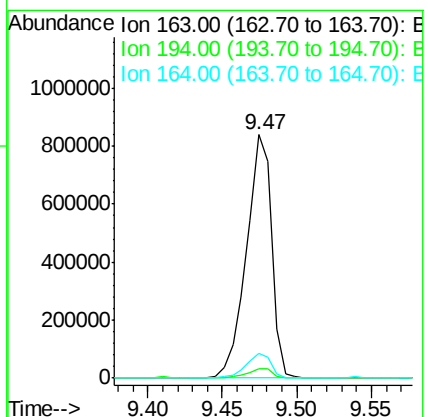
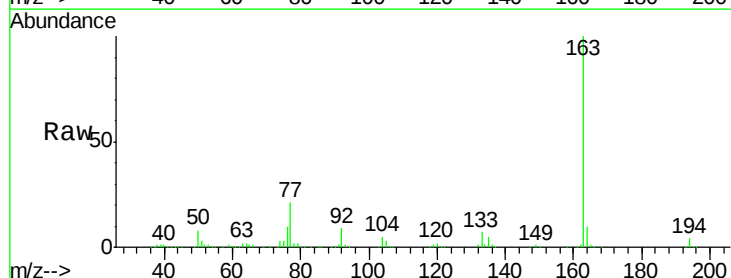
Tgt Ion:163 Resp: 975436

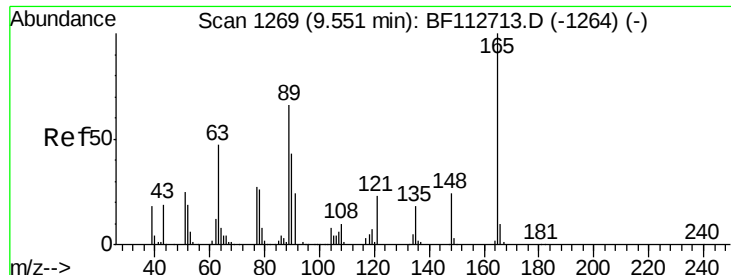
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.1 8.4 12.6





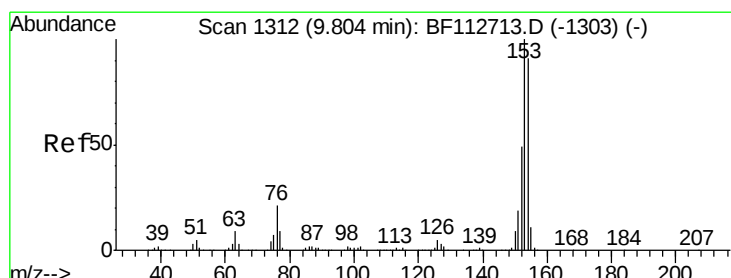
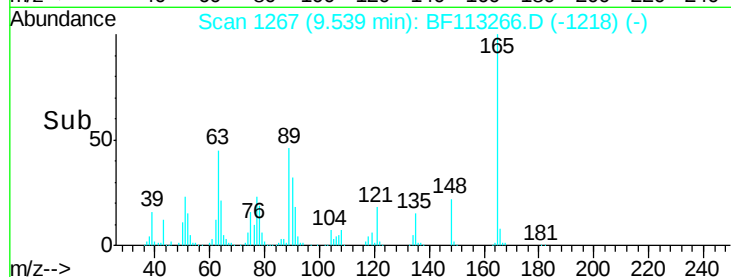
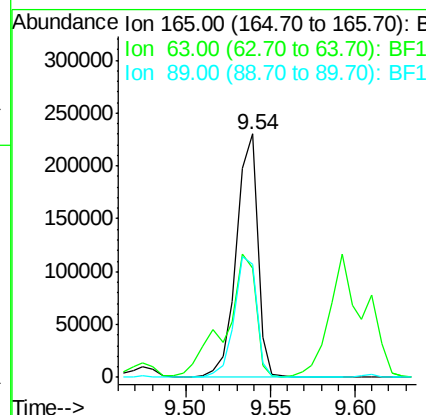
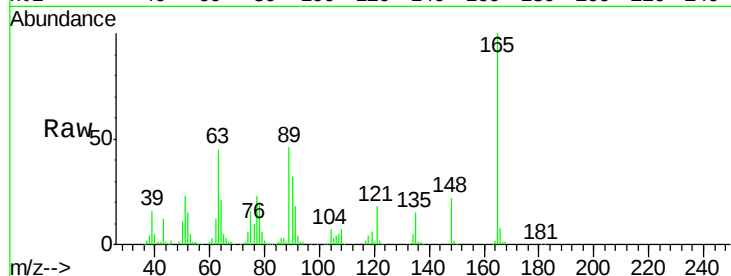
#51
2,6-Dinitrotoluene
Concen: 43.623 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	201654		
63	44.7		54.1	81.1#
89	46.4		52.8	79.2#

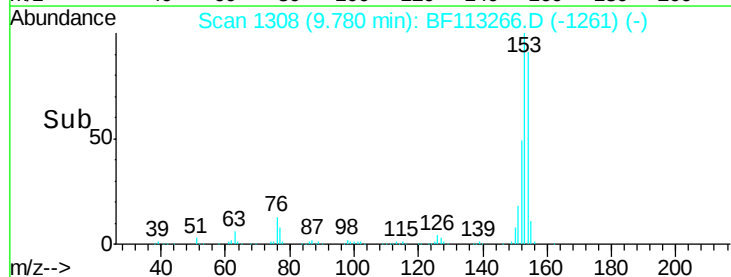
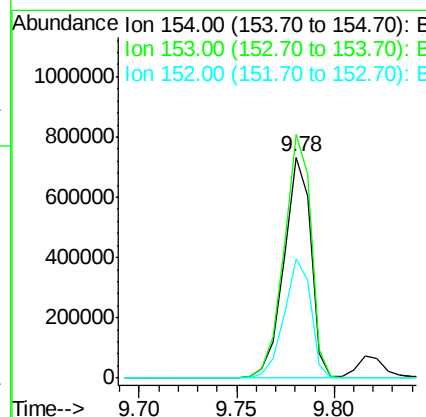
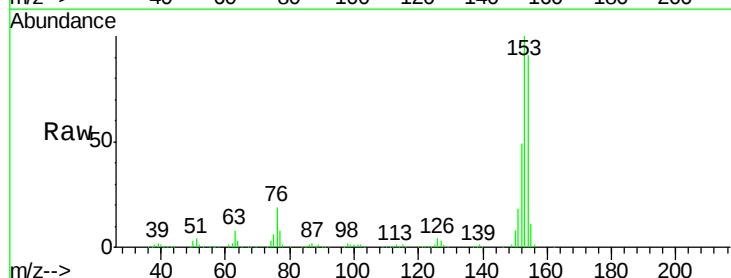
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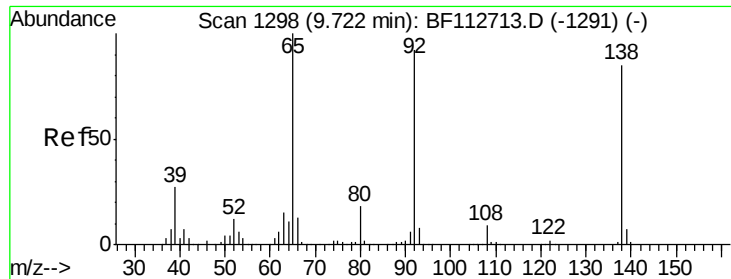
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#52
Acenaphthene
Concen: 36.972 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	703795		
153	110.2		87.8	131.8
152	53.9		43.0	64.6





#53

3-Nitroaniline

Concen: 29.378 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Instrument :

BNA_F

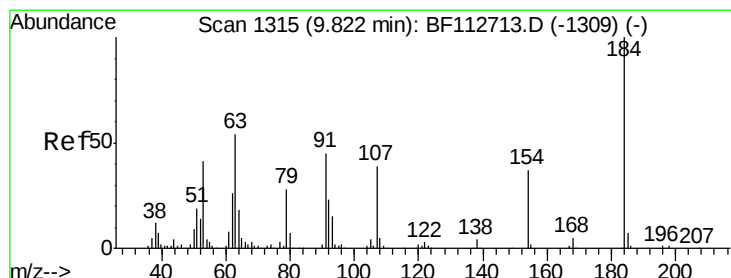
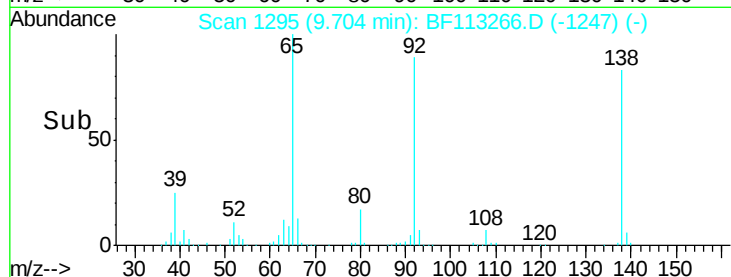
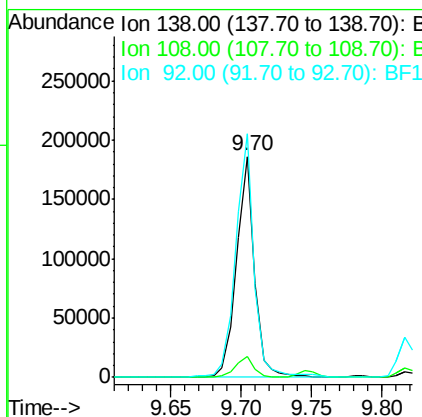
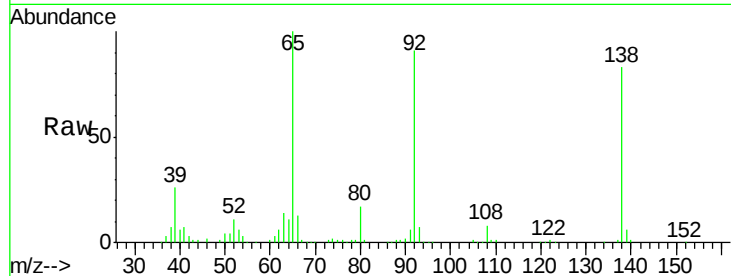
ClientSampleId :

S3B(5-15)COMPMSD

Tot Ion:	138	Resp:	165479
Ion Ratio	Lower	Upper	
138	100		
108	9.2	8.6	13.0
92	110.1	86.6	129.8

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#54

2,4-Dinitrophenol

Concen: 72.426 ng

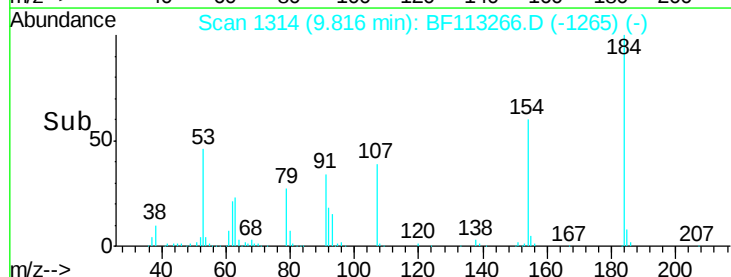
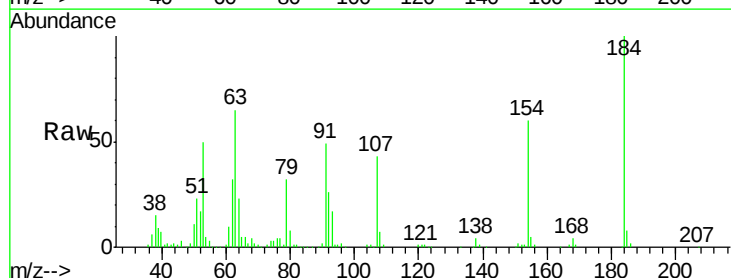
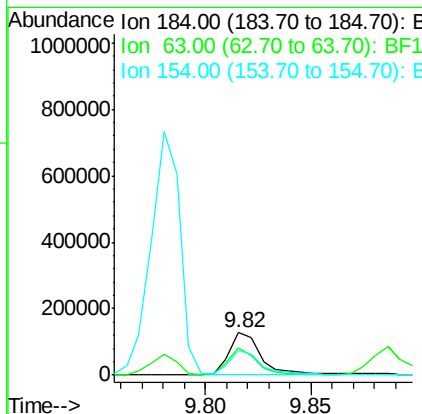
RT: 9.82 min Scan# 1314

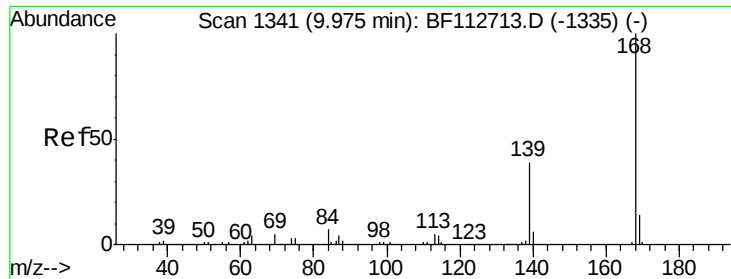
Delta R.T. -0.01 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Tgt Ion:	184	Resp:	135691
Ion Ratio	Lower	Upper	
184	100		
63	64.7	45.3	67.9
154	59.6	46.0	69.0





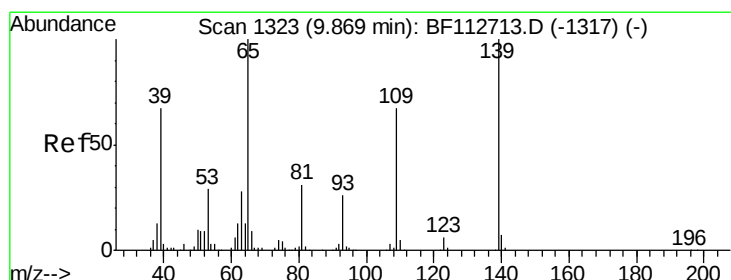
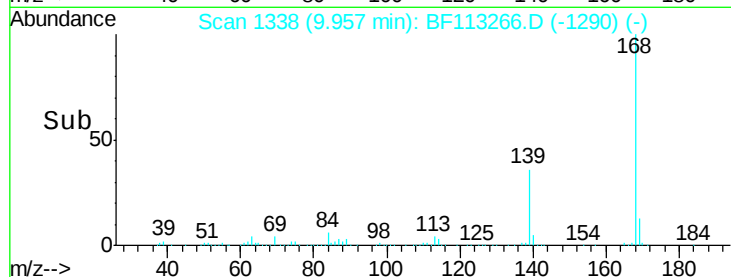
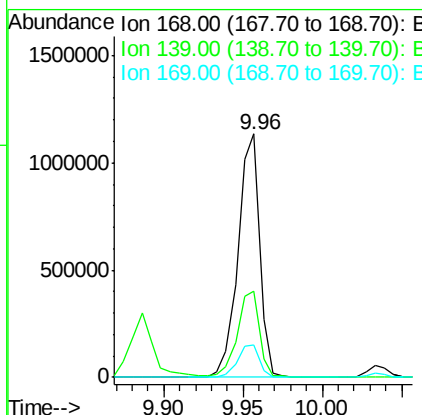
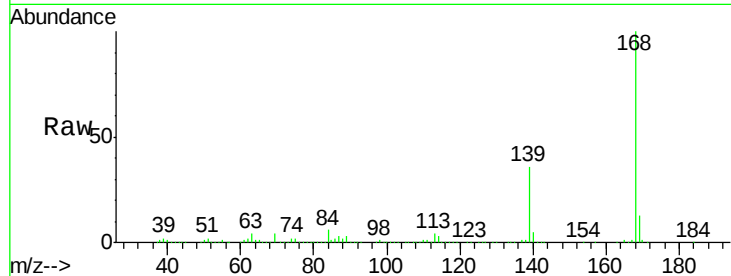
#55
Dibenzofuran
Concen: 38.824 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.5	31.3	46.9
169	13.4	11.3	16.9

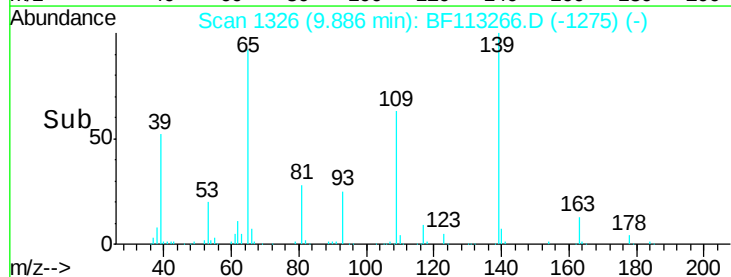
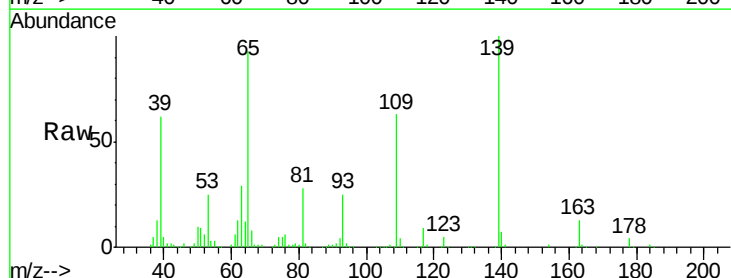
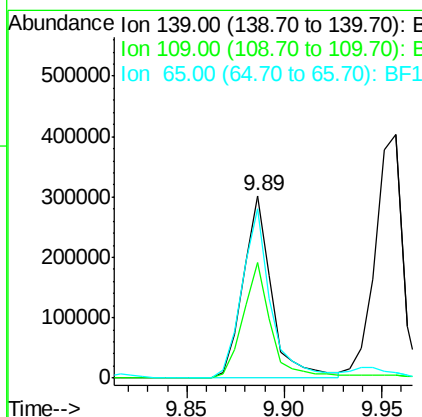
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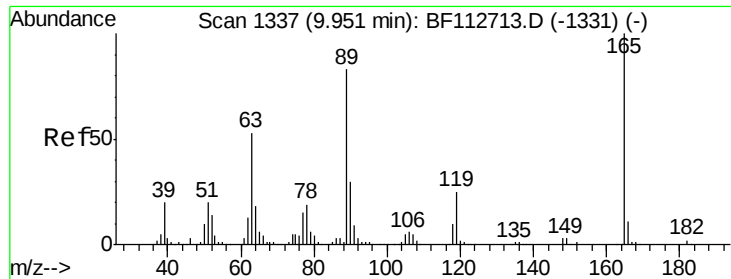
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#56
4-Nitrophenol
Concen: 67.077 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.4	46.8	86.8
65	93.2	80.7	120.7





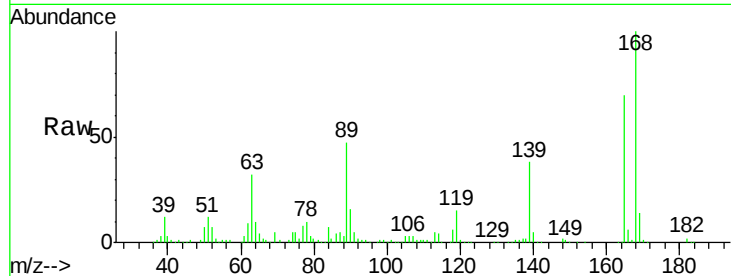
#57
 2,4-Dinitrotoluene
 Concen: 47.112 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMSD

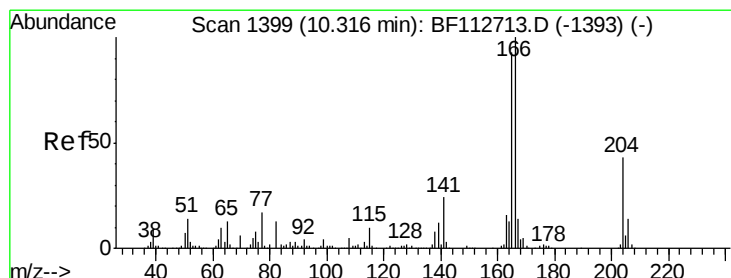
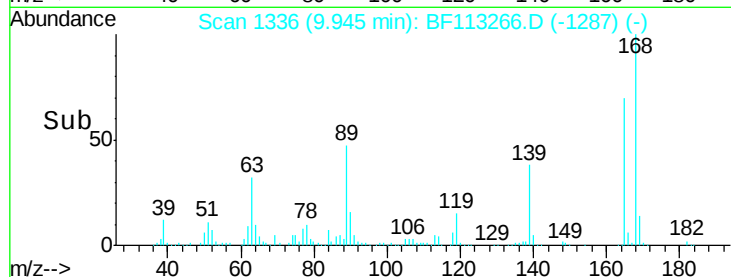
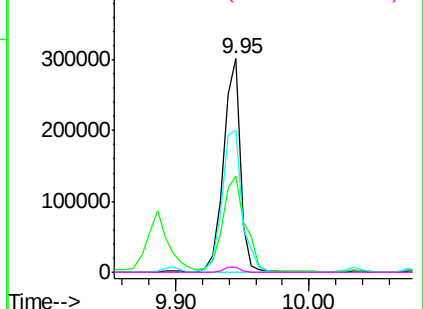
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		270706		
63	45.1		42.2	63.2	
89	66.8		66.2	99.4	
182	2.3		1.8	2.6	

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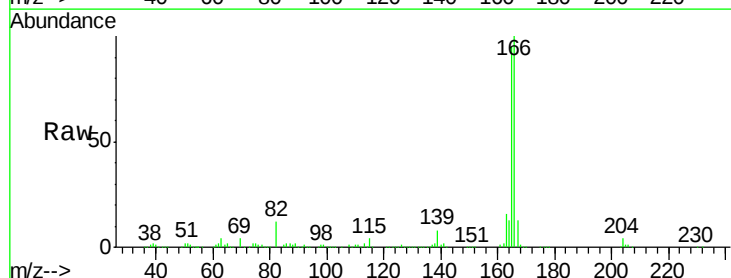


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

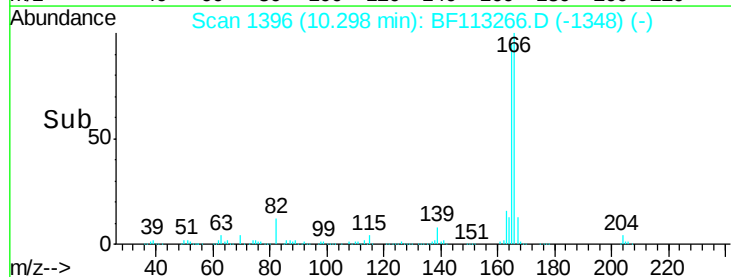
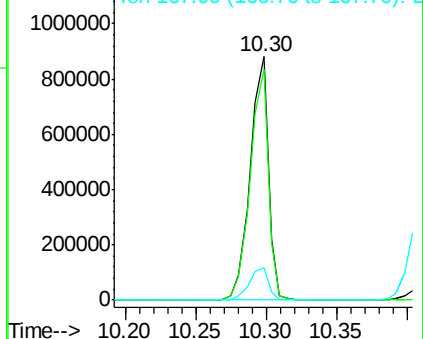


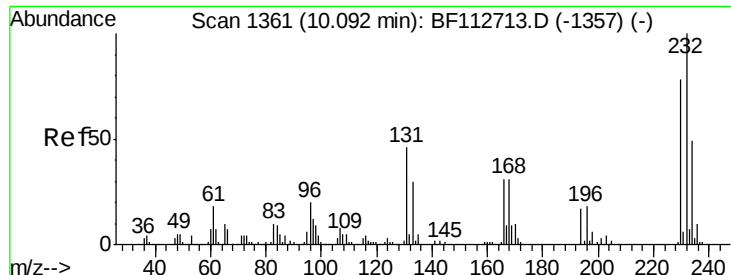
#58
 Fluorene
 Concen: 41.016 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		805406		
165	95.0		74.7	112.1	
167	13.4		11.0	16.6	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





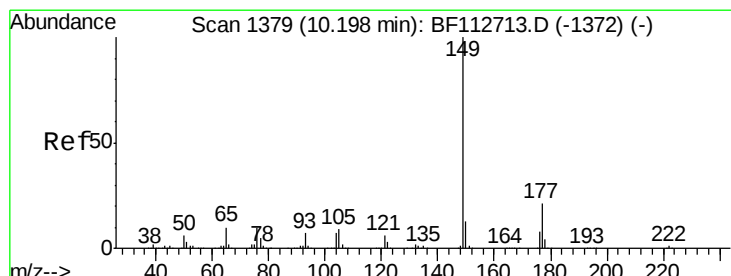
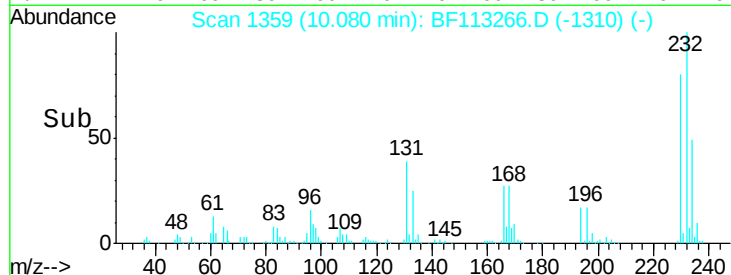
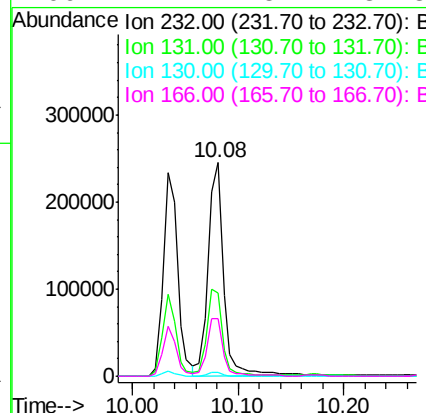
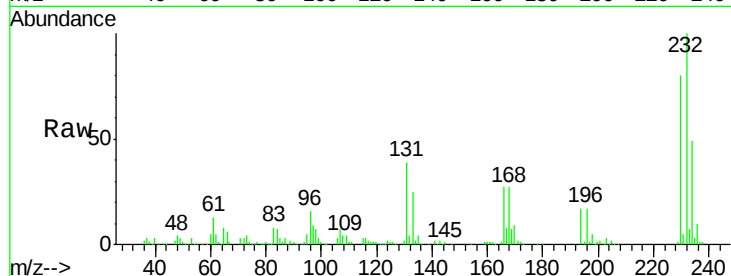
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.560 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.2	38.7	58.1
130	1.9	1.9	2.9
166	27.4	25.2	37.8

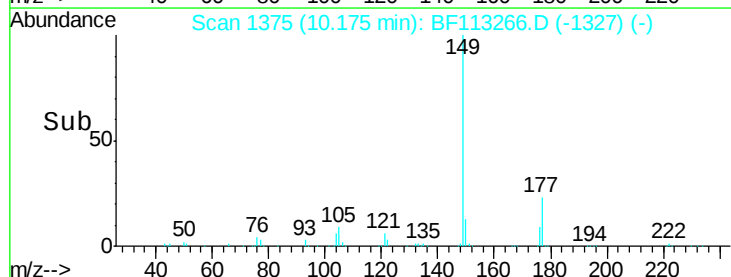
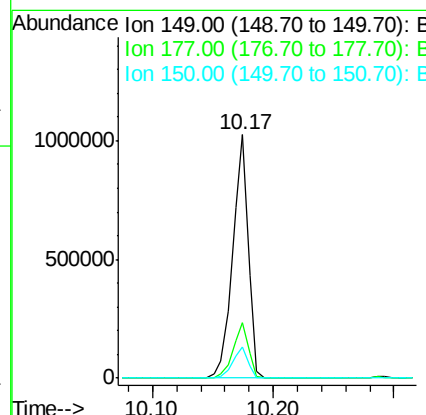
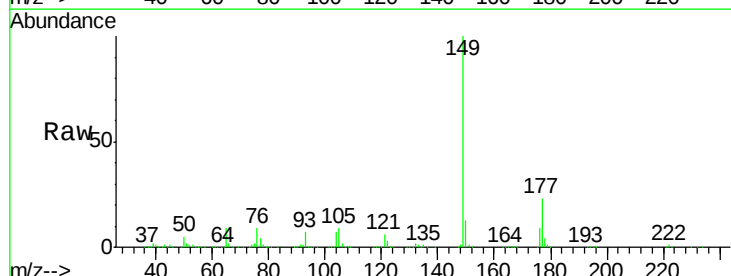
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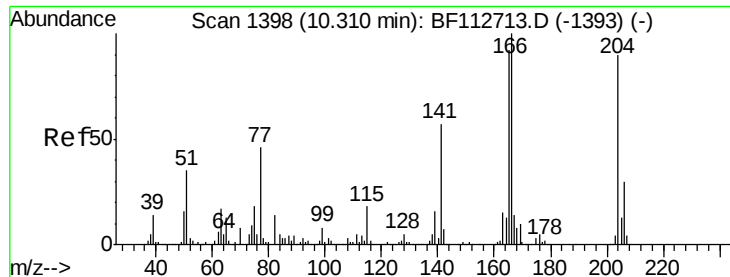
Sohil
 3/26/2019 6:34:50 PM



#60
 Diethylphthalate
 Concen: 39.169 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.02 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.0	25.6
150	12.6	10.0	15.0





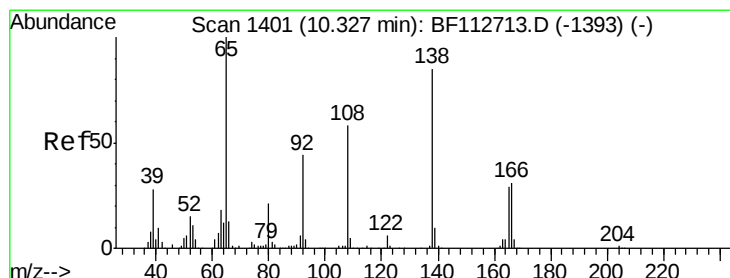
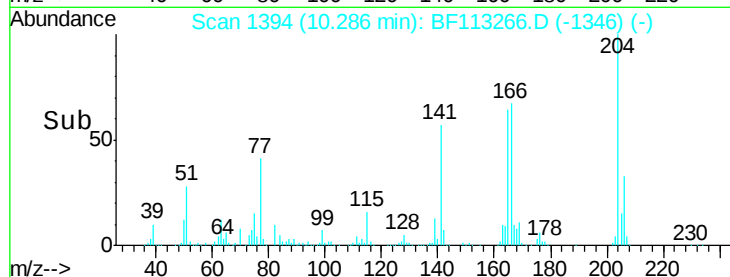
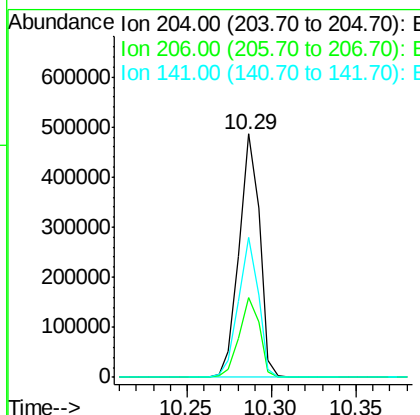
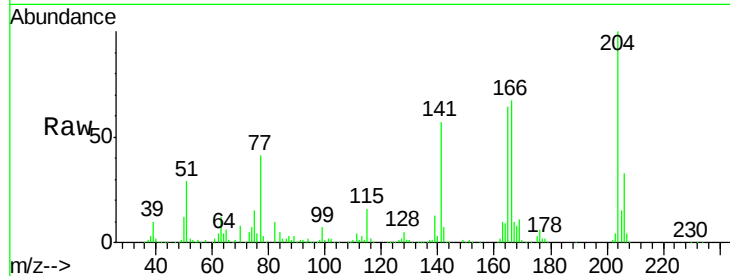
#61
4-Chlorophenyl-phenylether
Concen: 45.147 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	40.0
141	57.4	50.8	76.2

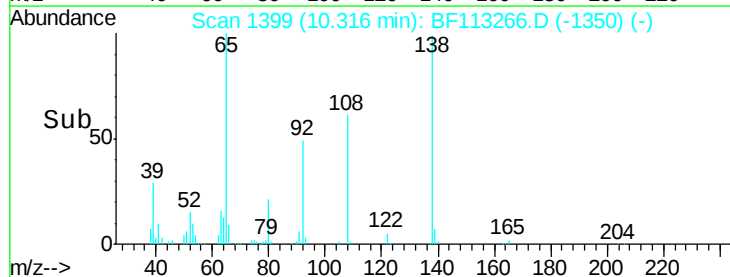
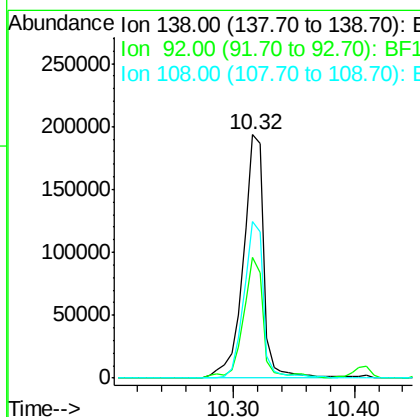
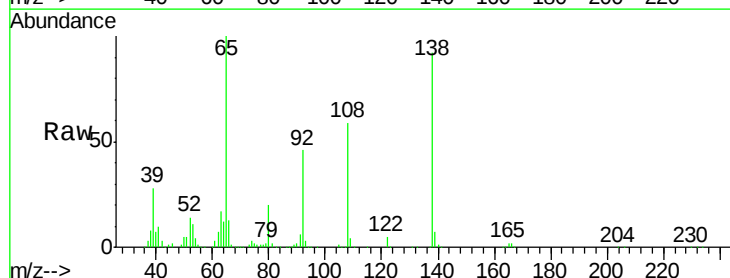
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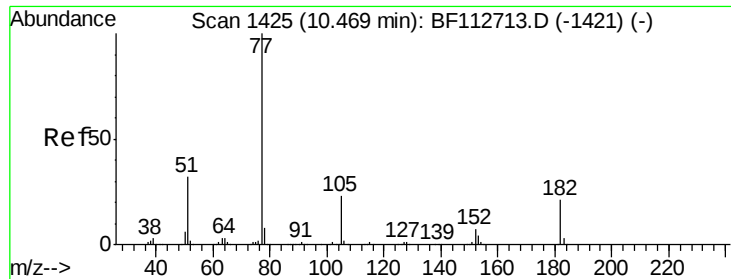
Sohil
3/26/2019 6:34:50 PM



#62
4-Nitroaniline
Concen: 44.199 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	31.3	71.3
108	64.2	48.1	88.1





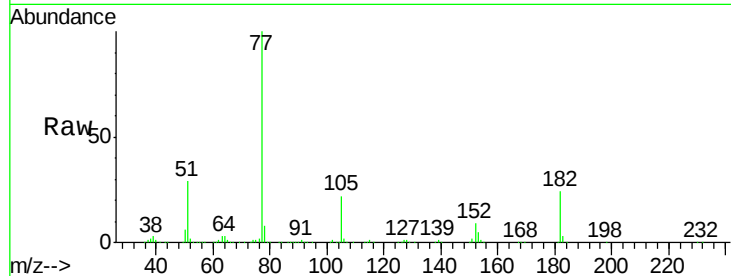
#63
Azobenzene
Concen: 35.892 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

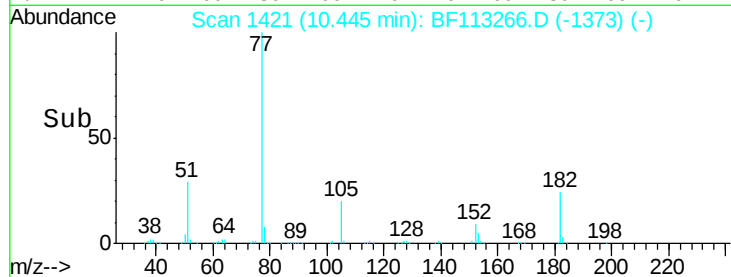
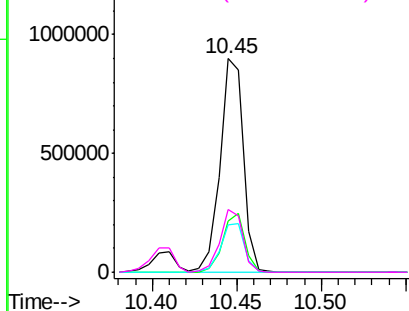
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.8	1.4	41.4	
105	22.3	2.6	42.6	
51	29.2	12.0	52.0	

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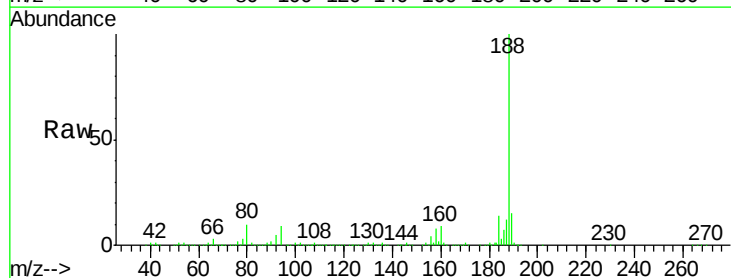
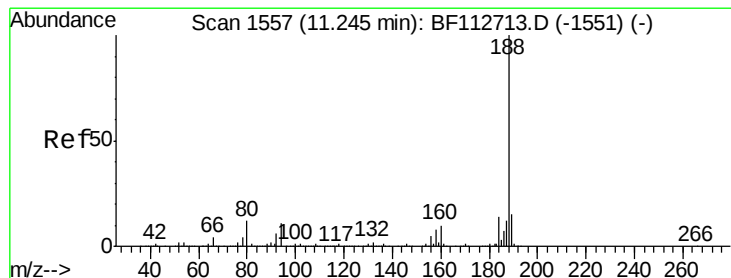
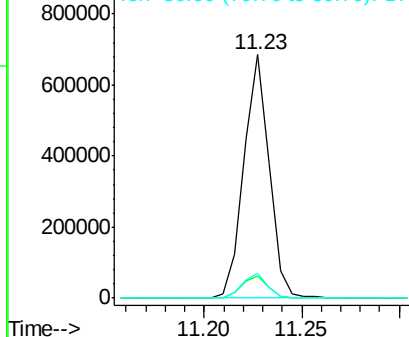
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

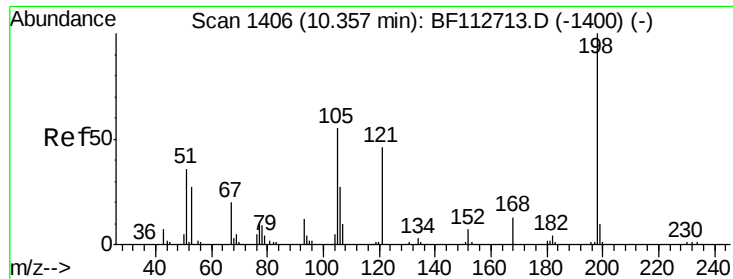


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	9.0	13.4	
80	9.9	9.2	13.8	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 48.647 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Instrument :

BNA_F

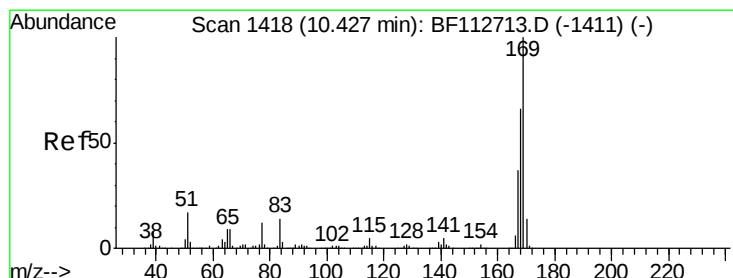
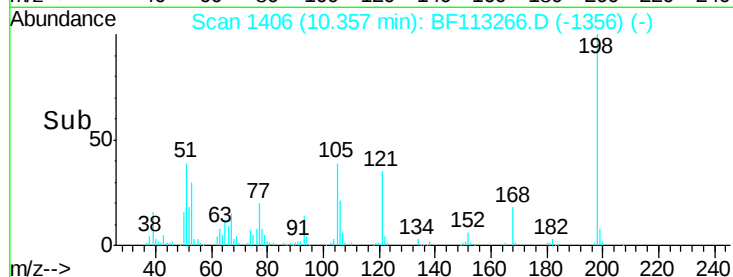
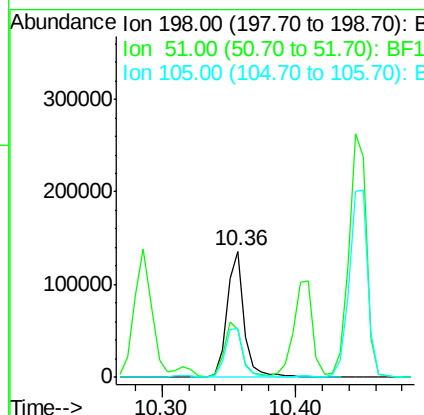
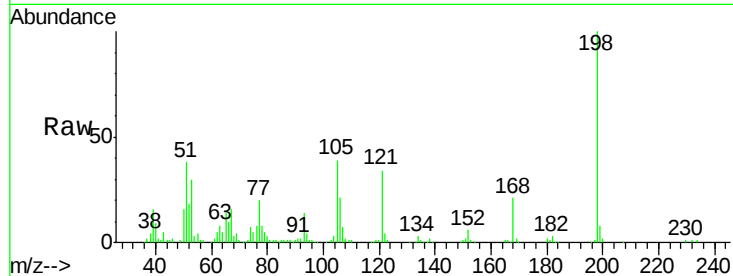
ClientSampleId :

S3B(5-15)COMPMSD

Tot Ion:	198	Resp:	123810
Ion Ratio	Lower	Upper	
198	100		
51	38.3	43.8	83.8#
105	38.7	36.5	76.5

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#66

n-Nitrosodiphenylamine

Concen: 38.589 ng

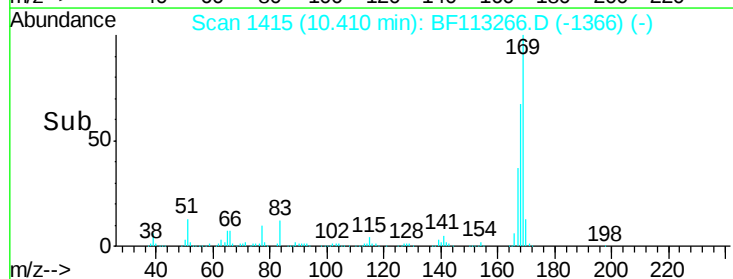
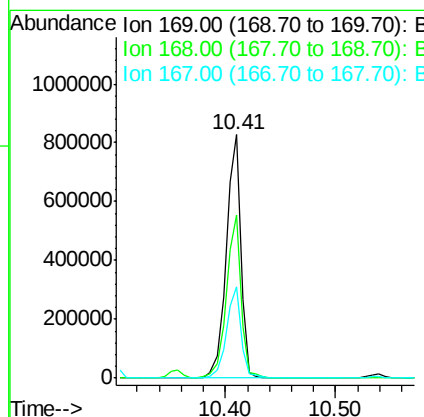
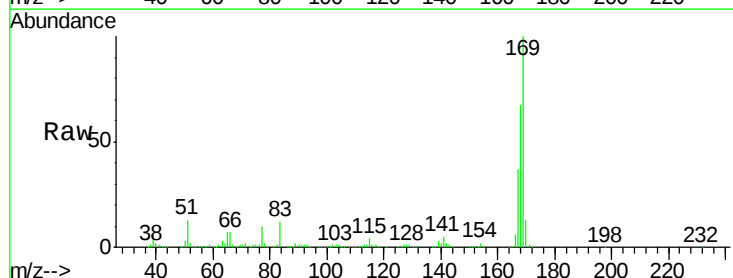
RT: 10.41 min Scan# 1415

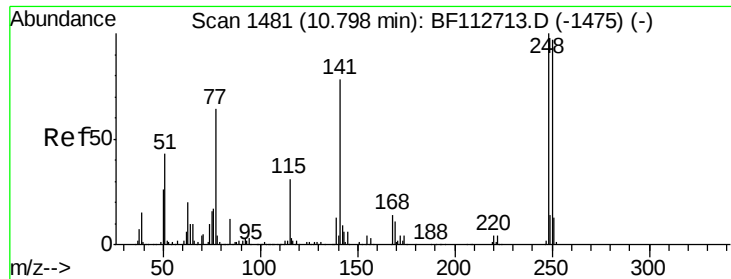
Delta R.T. -0.01 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Tgt Ion:	169	Resp:	765501
Ion Ratio	Lower	Upper	
169	100		
168	66.9	53.0	79.6
167	37.3	29.3	43.9





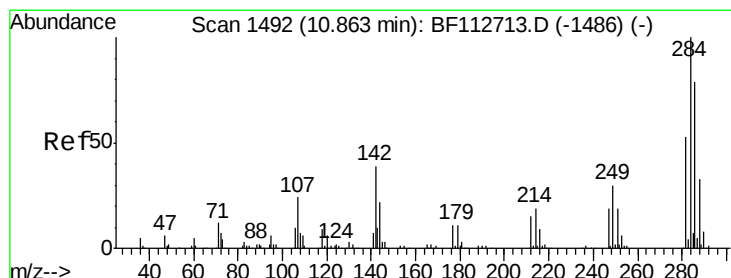
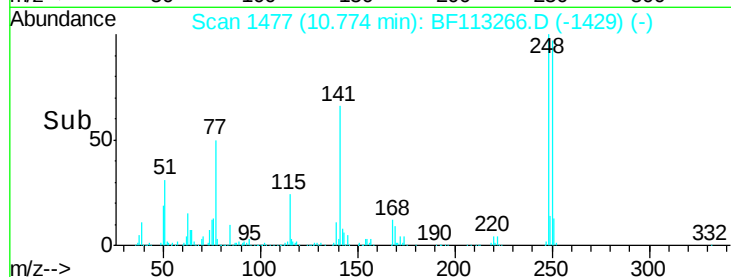
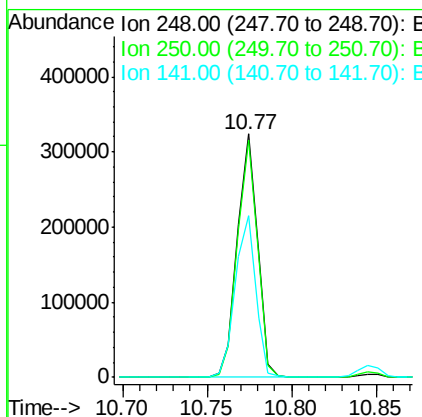
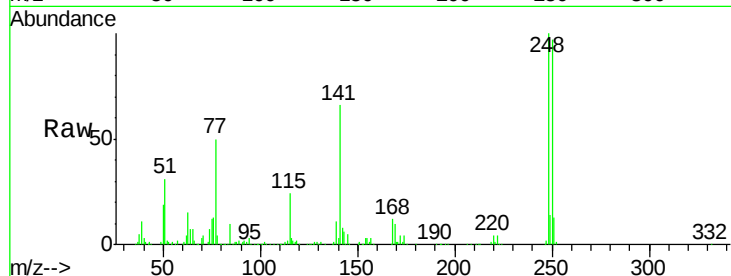
#67
4-Bromophenyl-phenylether
Concen: 41.360 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.5	116.3
141	66.2	62.4	93.6

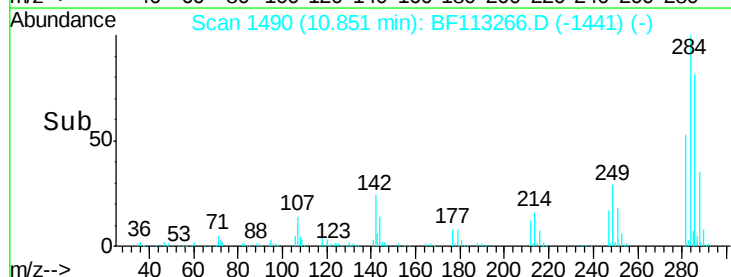
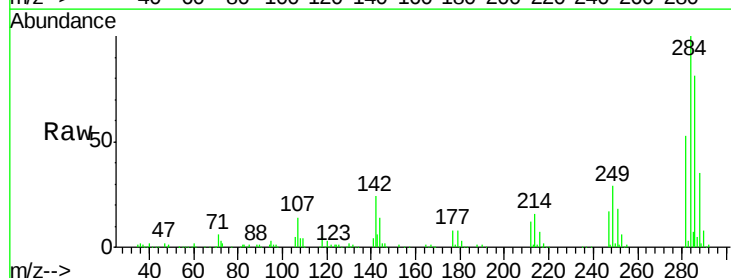
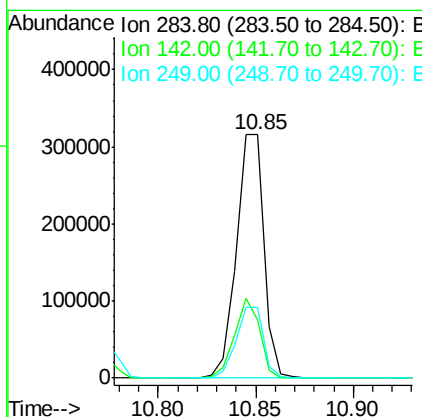
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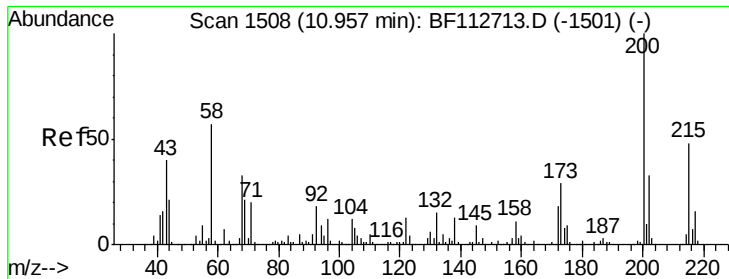
Sohil
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#68
Hexachlorobenzene
Concen: 42.132 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.9	31.0	46.6#
249	28.9	23.6	35.4





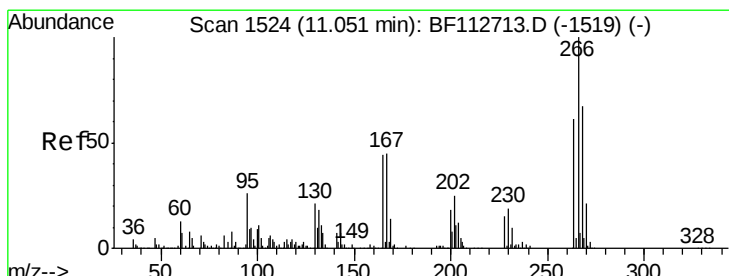
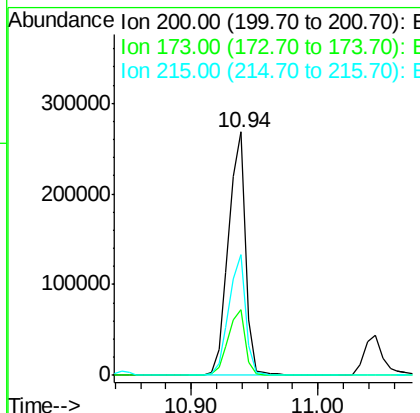
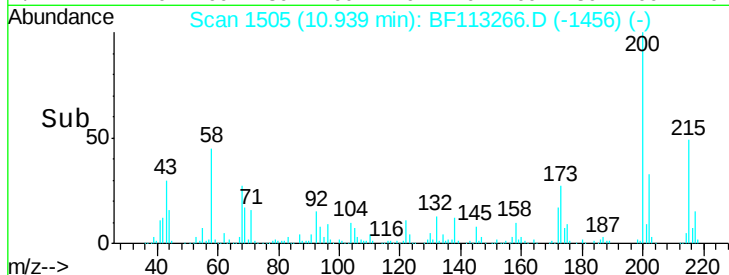
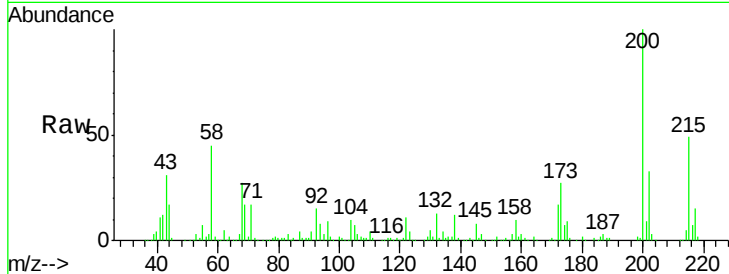
#69
Atrazine
Concen: 41.298 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	9.1	49.1
215	49.4	28.2	68.2

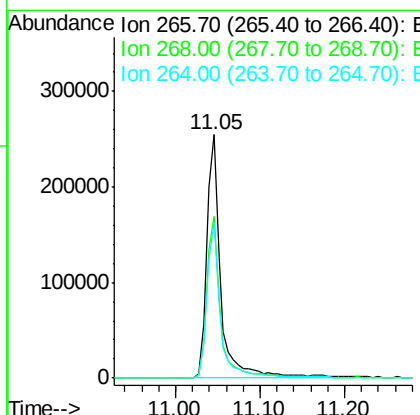
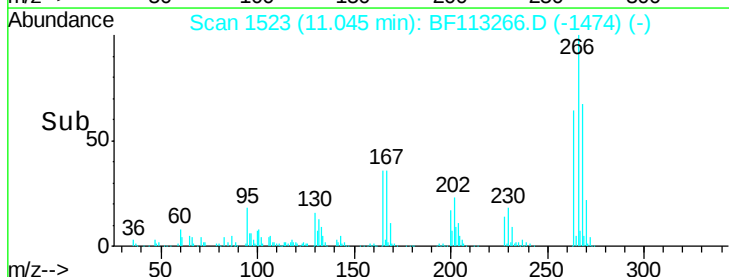
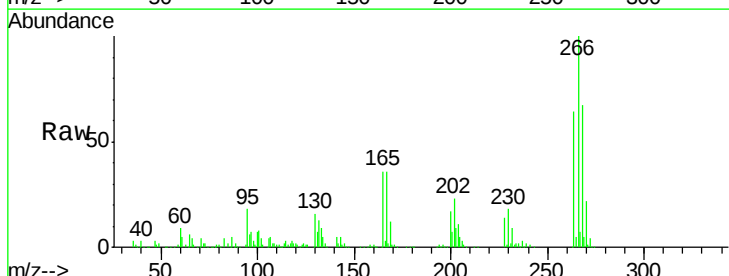
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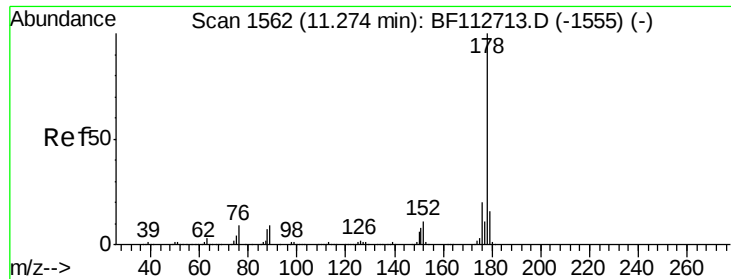
Sohil
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#70
Pentachlorophenol
Concen: 68.132 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	53.3	79.9
264	63.9	48.9	73.3





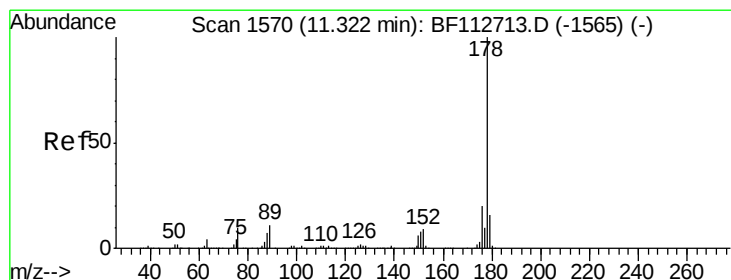
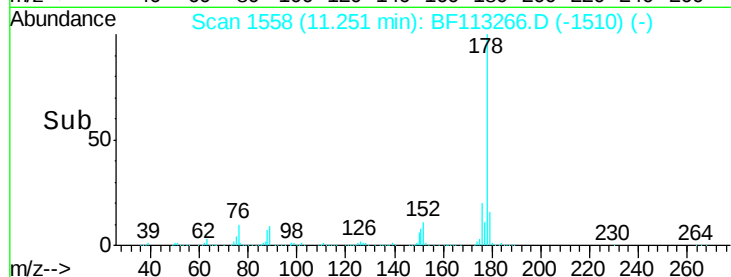
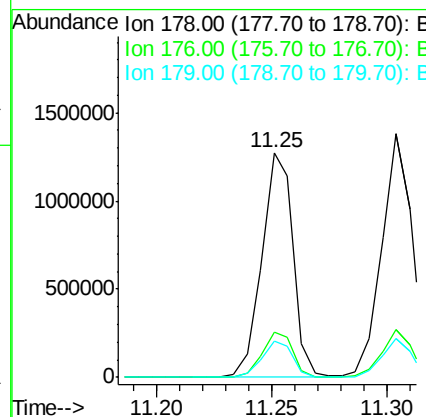
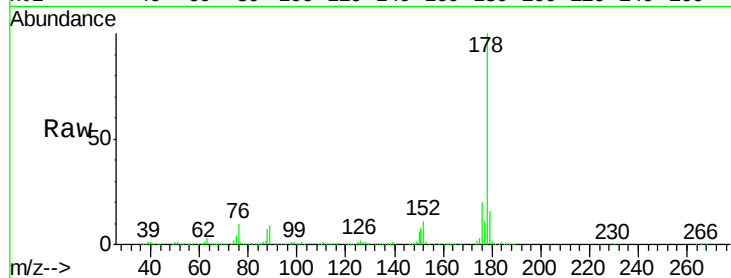
#71
Phenanthrene
Concen: 39.006 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion:178 Resp: 1200384
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 16.1 12.7 19.1

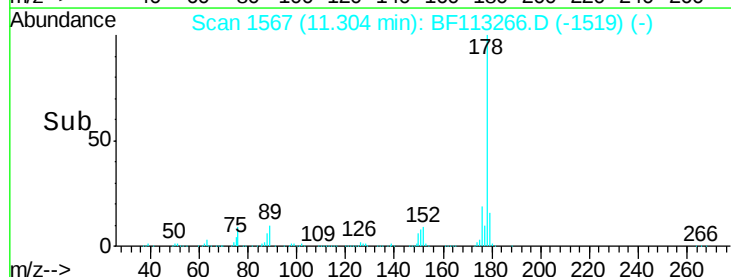
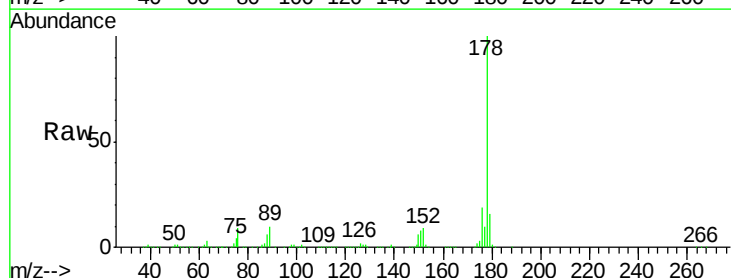
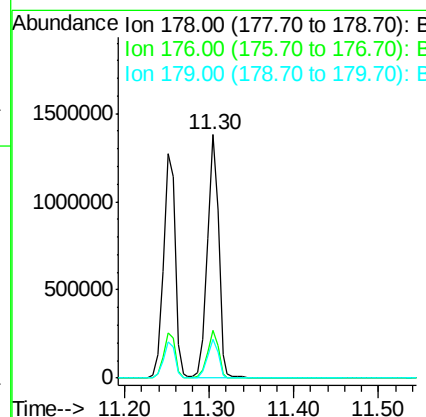
Manual Integrations
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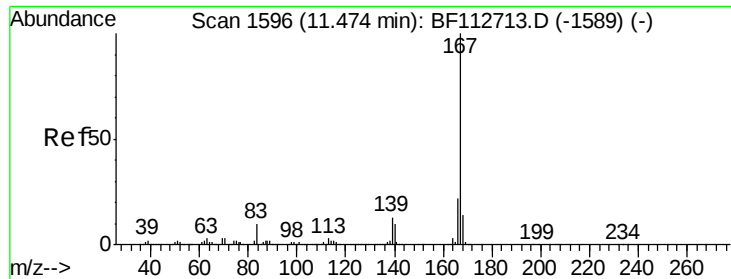
Sohil
3/26/2019 6:34:50 PM



#72
Anthracene
Concen: 39.335 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion:178 Resp: 1267153
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.7 13.0 19.6





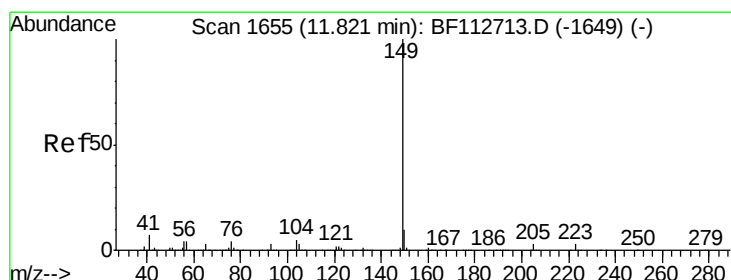
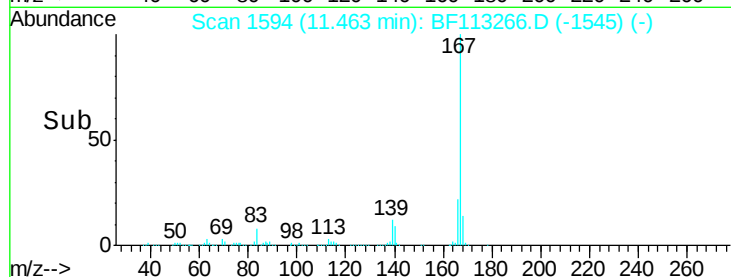
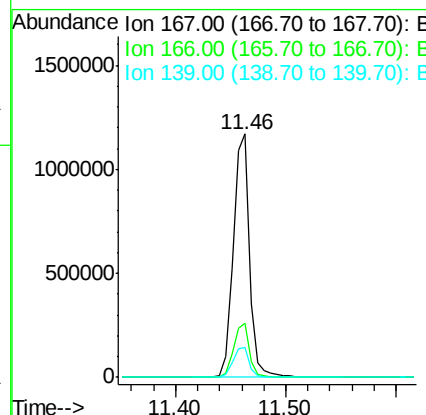
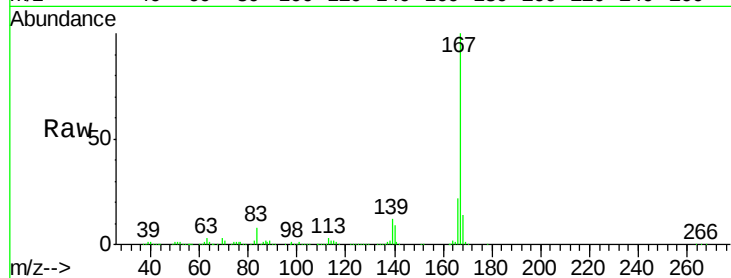
#73
 Carbazole
 Concen: 38.297 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	12.4	10.8	16.2

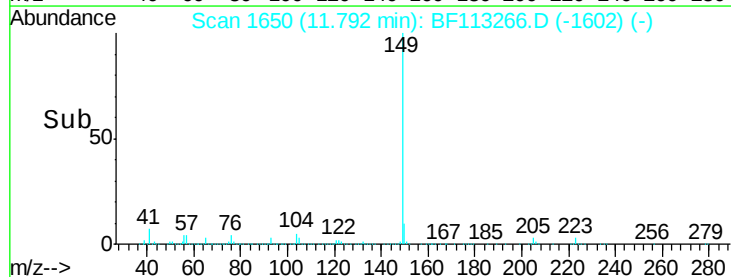
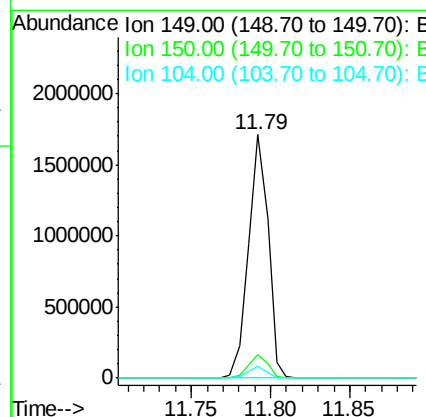
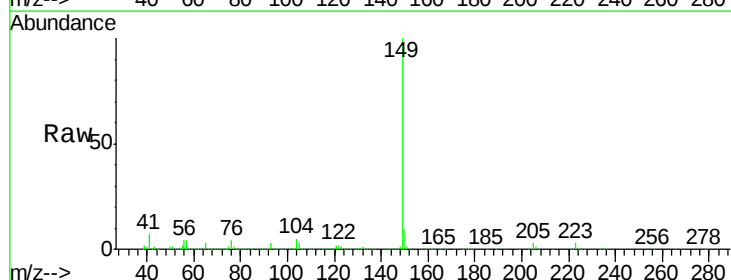
Manual Integrations
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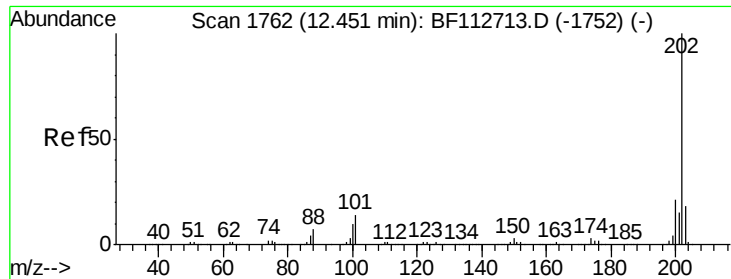
Sohil
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#74
 Di-n-butylphthalate
 Concen: 39.027 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. -0.02 min
 Lab File: BF113266.D
 Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.7	3.7	5.5





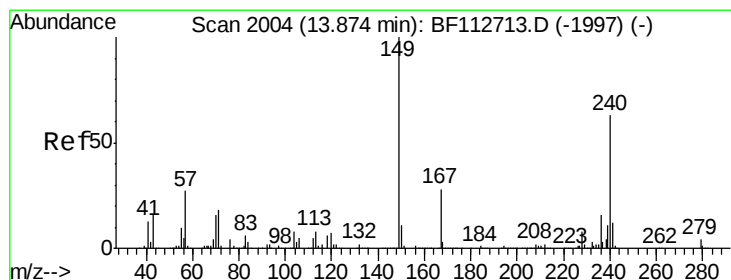
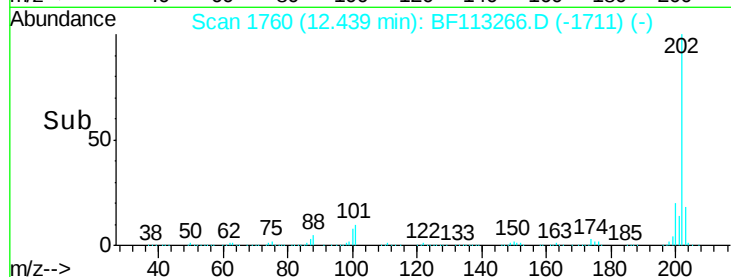
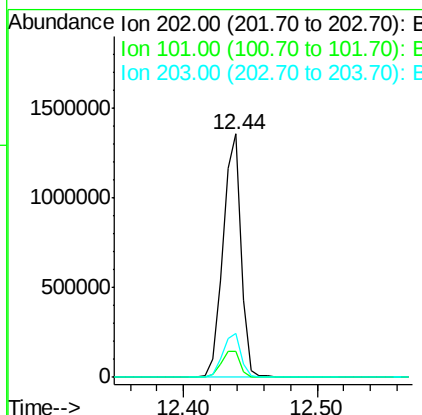
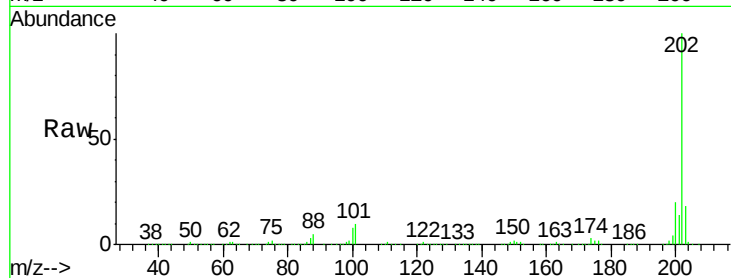
#75
Fluoranthene
Concen: 39.306 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	33.8
203	18.0	0.0	38.4

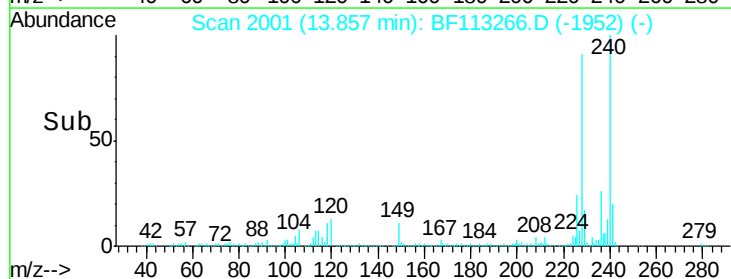
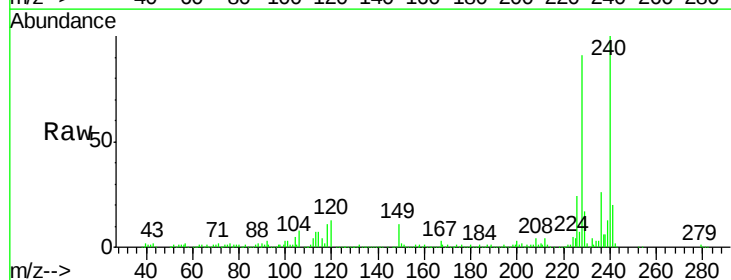
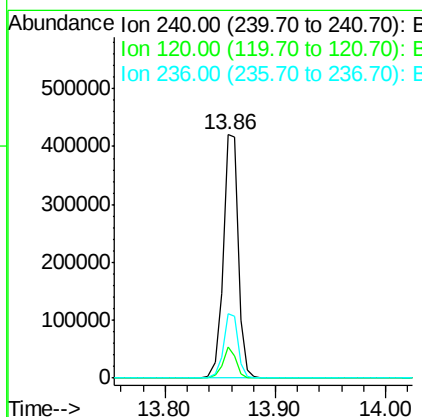
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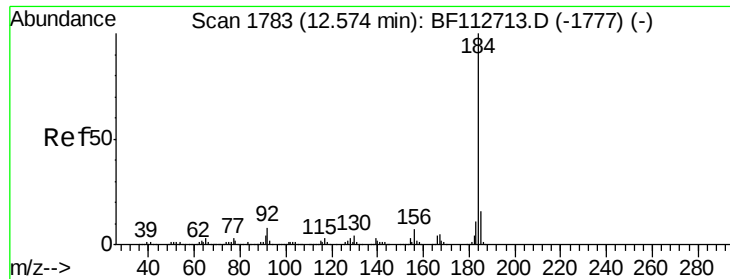
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.9	13.3
236	26.4	20.7	31.1





#77

Benzidine

Concen: 20.558 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Instrument :

BNA_F

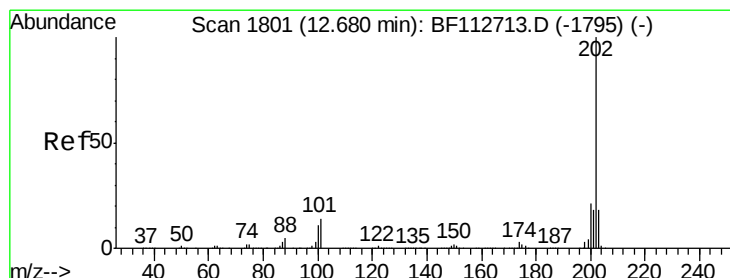
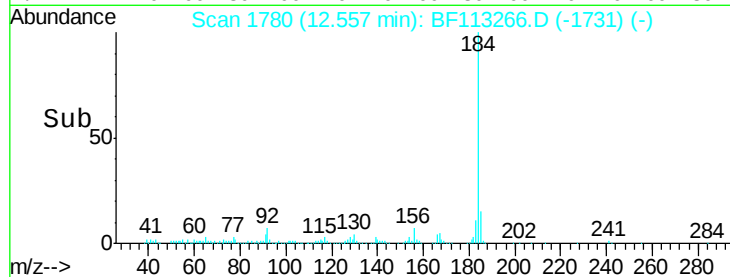
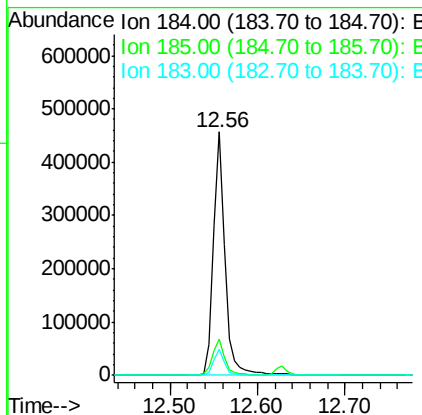
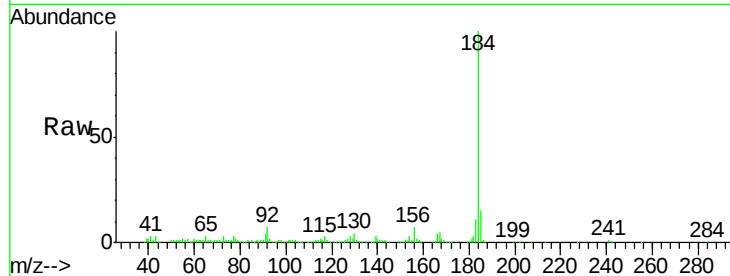
ClientSampleId :

S3B(5-15)COMPMSD

Tot Ion:	184	Resp:	428384
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	18.8
183	10.8	8.6	12.8

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#78

Pyrene

Concen: 37.447 ng

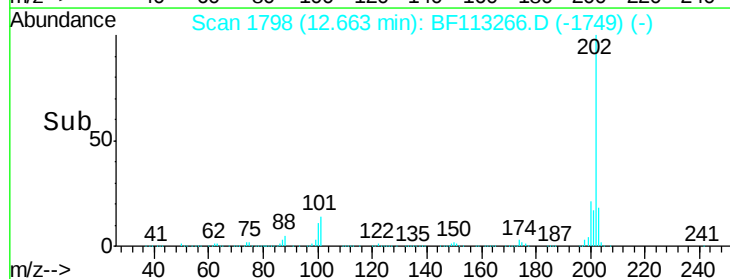
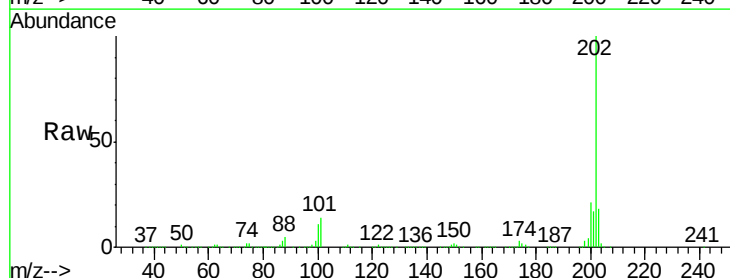
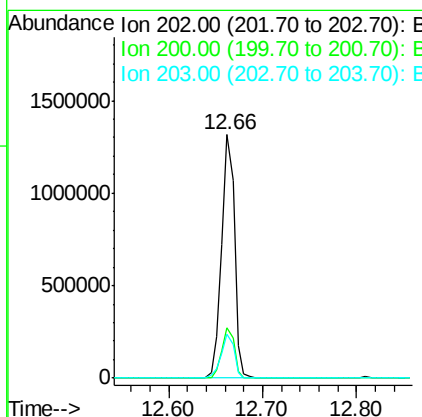
RT: 12.66 min Scan# 1798

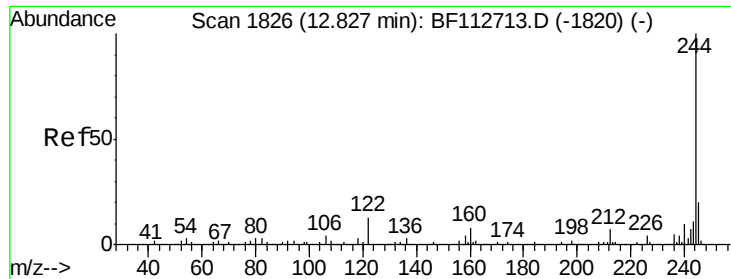
Delta R.T. -0.01 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Tgt Ion:	202	Resp:	1267911
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	18.1	14.4	21.6





#79

Terphenyl-d14

Concen: 87.985 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMPMSD

Tot Ion:244 Resp: 1822951

Ion Ratio Lower Upper

244 100

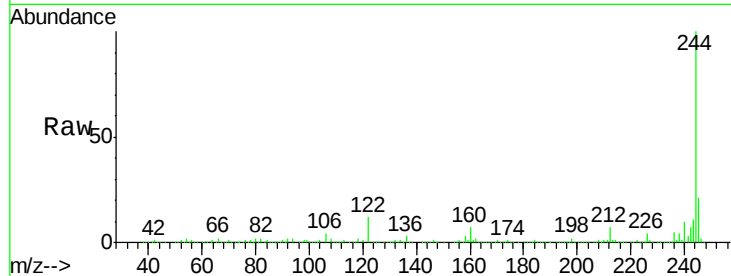
212 6.8 5.6 8.4

122 11.6 10.5 15.7

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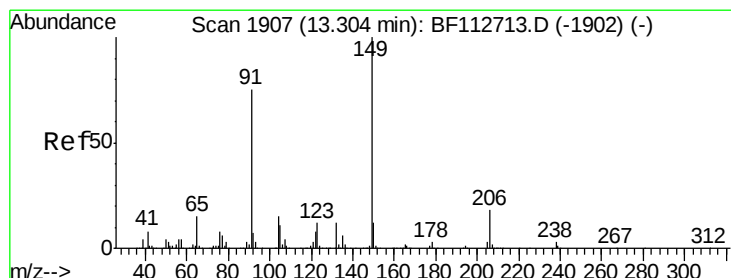
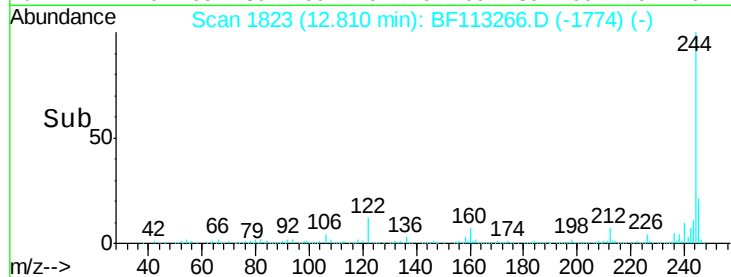
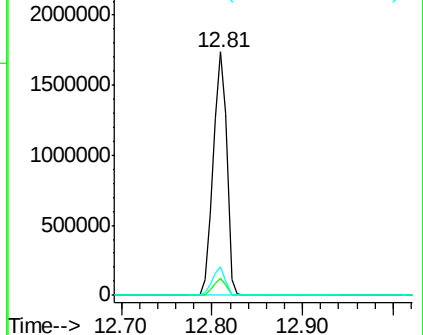
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.456 ng

RT: 13.28 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

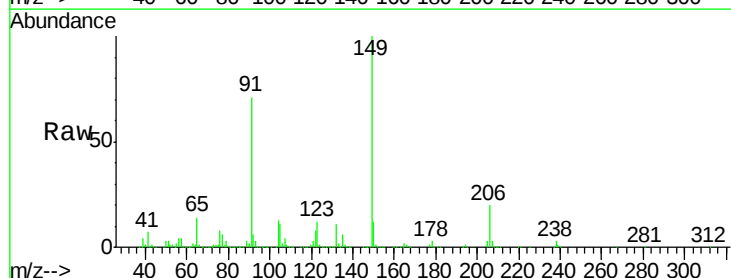
Tgt Ion:149 Resp: 559800

Ion Ratio Lower Upper

149 100

91 70.8 59.9 89.9

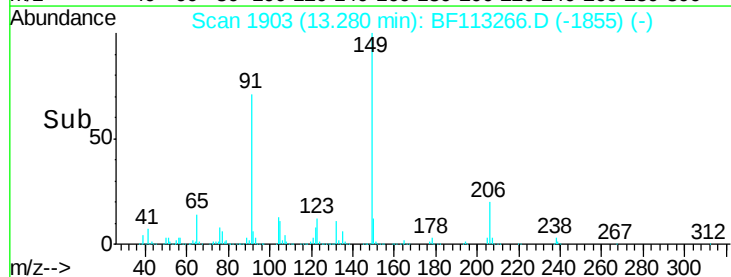
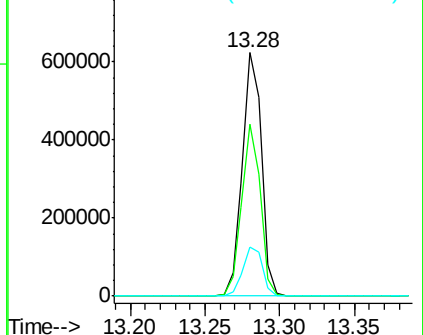
206 19.9 14.7 22.1

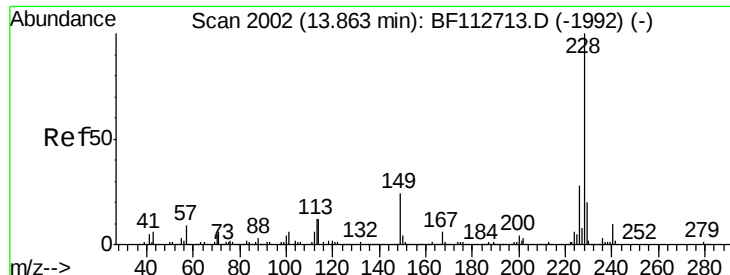


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 32.678 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Instrument :

BNA_F

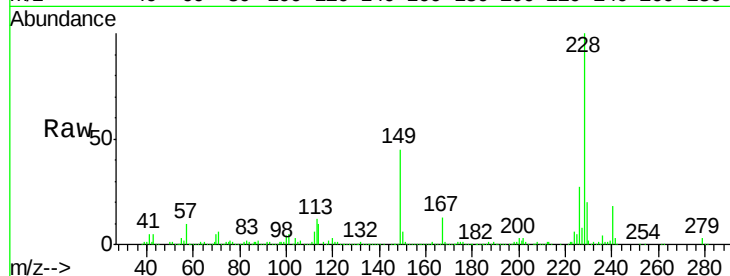
ClientSampleId :

S3B(5-15)COMPMSD

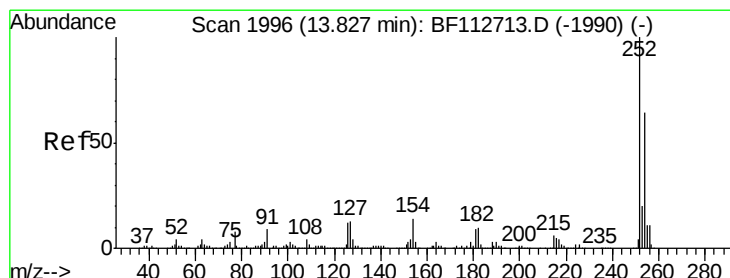
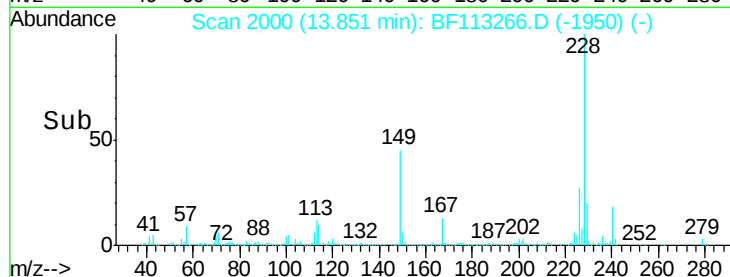
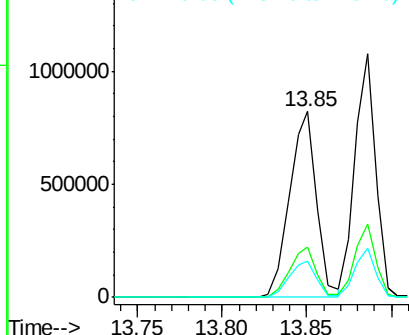
Tot Ion:	228	Resp:	909628
Ion Ratio		Lower	Upper
228	100		
226	26.9	22.2	33.4
229	19.7	16.0	24.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.143 ng

RT: 13.81 min Scan# 1993

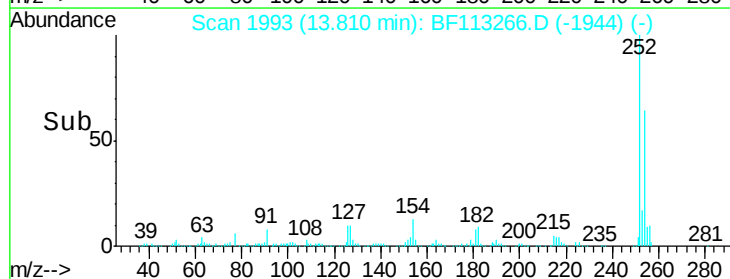
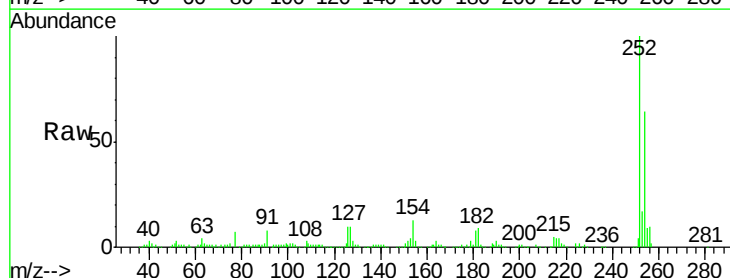
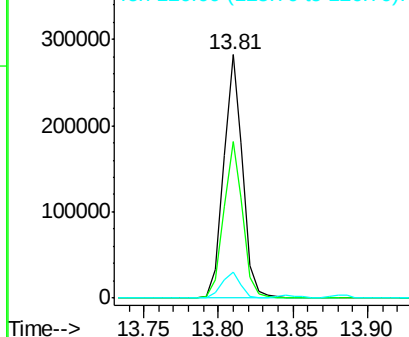
Delta R.T. -0.01 min

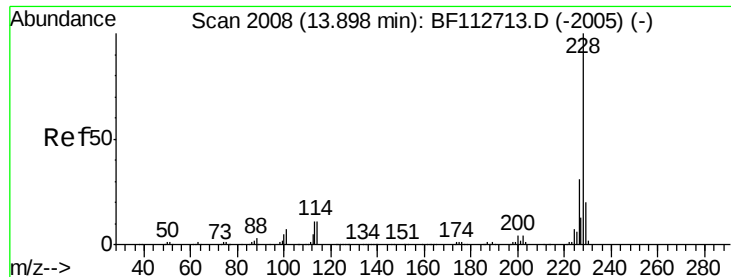
Lab File: BF113266.D

Acq: 24 Mar 2019 14:23

Tgt Ion:	252	Resp:	254166
Ion Ratio		Lower	Upper
252	100		
254	64.3	51.1	76.7
126	10.5	9.9	14.9

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





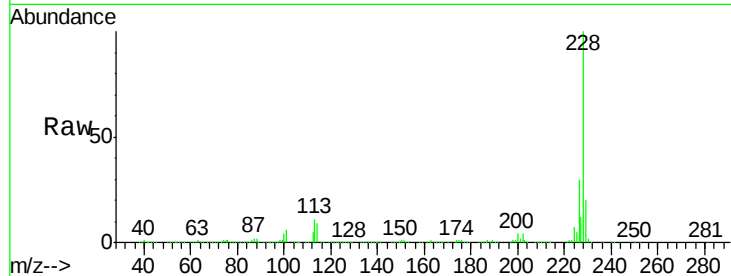
#83
Chrysene
Concen: 34.058 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

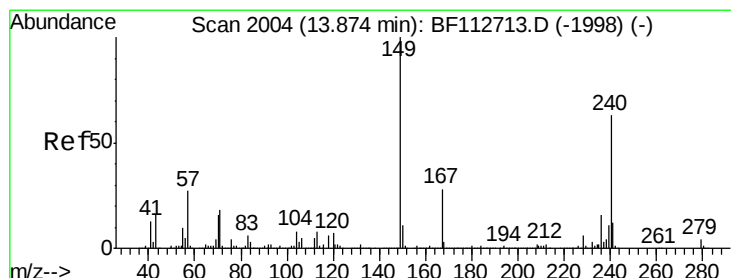
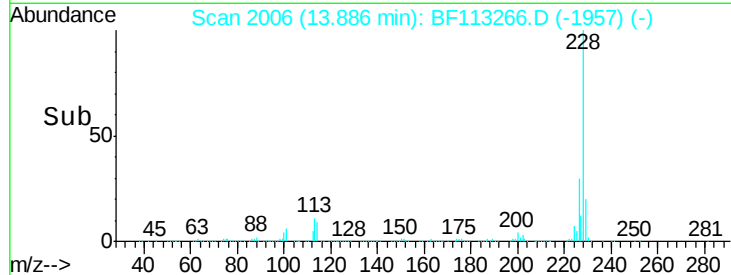
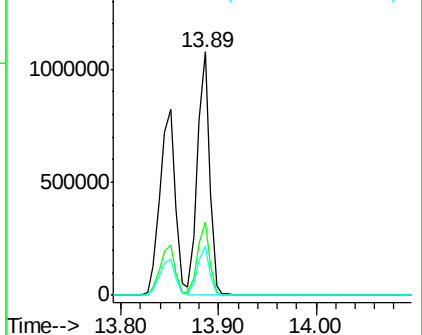
Tot Ion	Ratio	Resp	Lower	Upper
228	100	928625		
226	30.1		24.9	37.3
229	20.1		16.3	24.5

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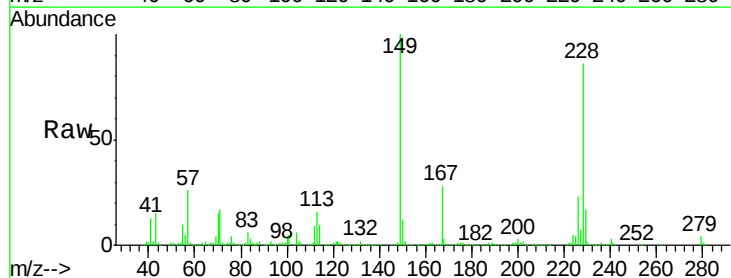


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

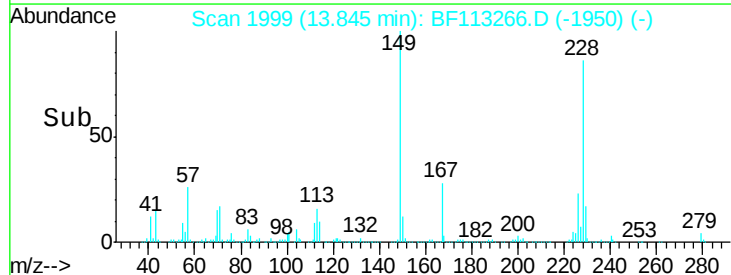
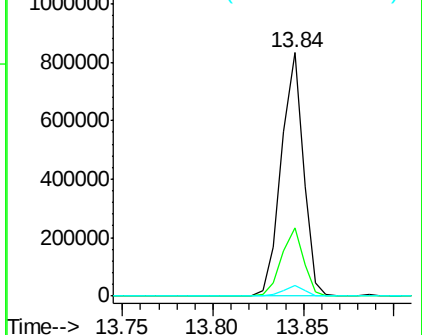


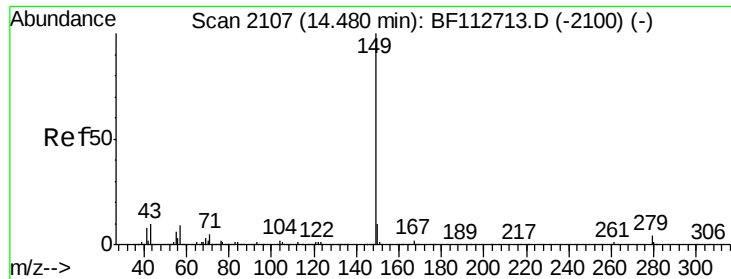
#84
Bis(2-ethylhexyl)phthalate
Concen: 40.335 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	707080		
167	27.9		22.4	33.6
279	4.2		3.3	4.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





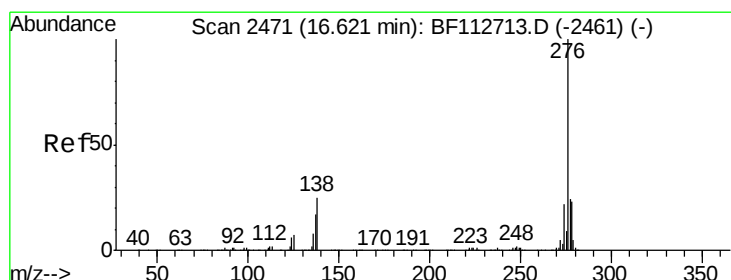
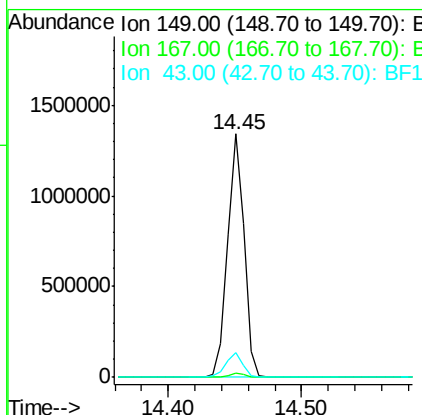
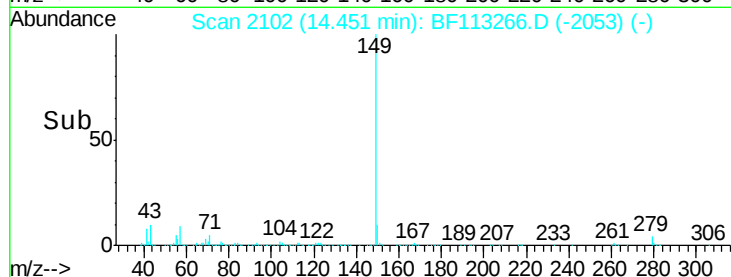
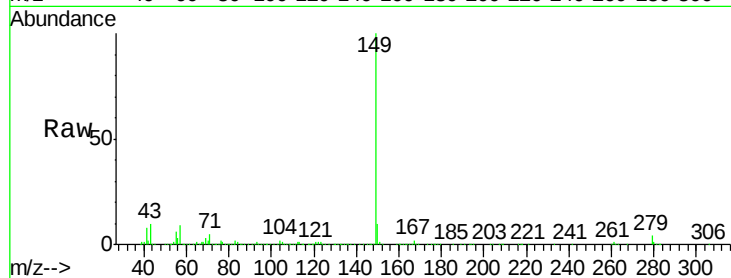
#85
Di-n-octyl phthalate
Concen: 39.187 ng
RT: 14.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampled :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.8	9.0	13.4

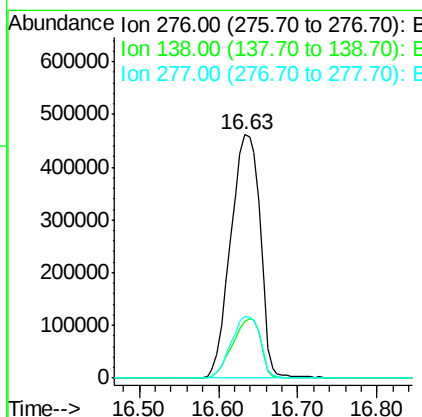
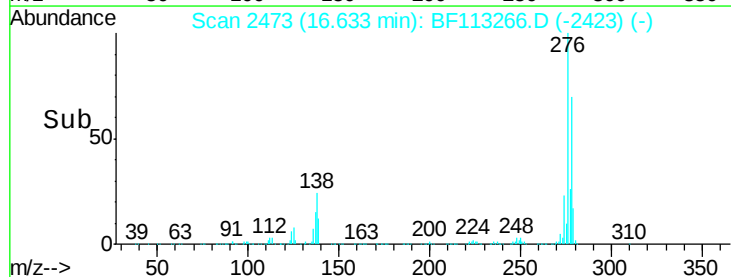
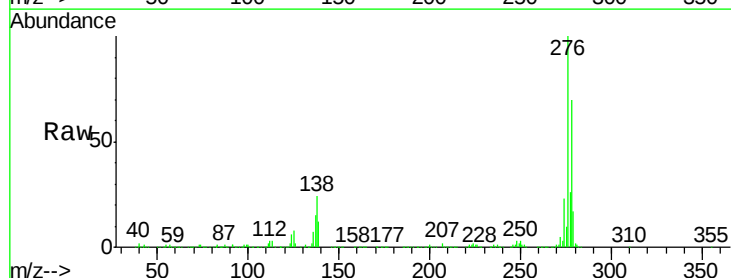
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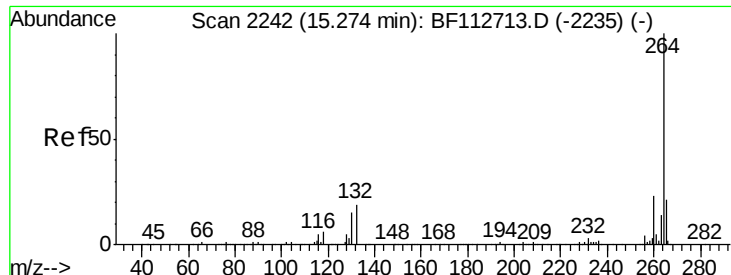
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.278 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	23.2	34.8
277	25.3	19.9	29.9





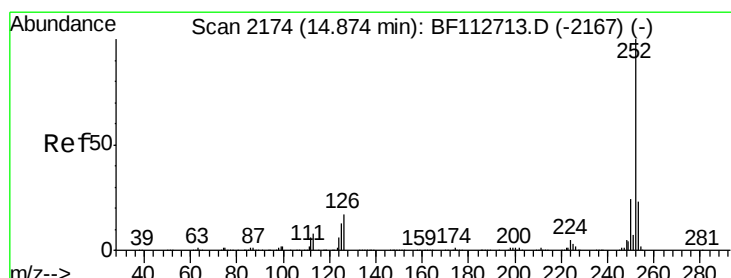
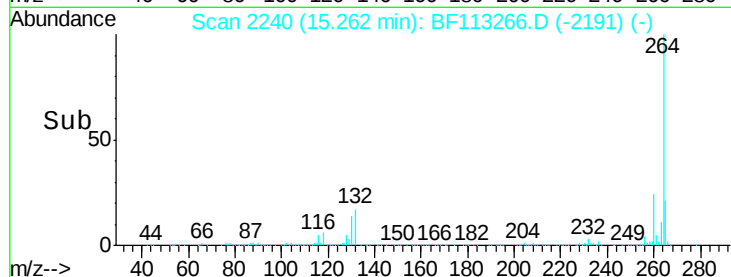
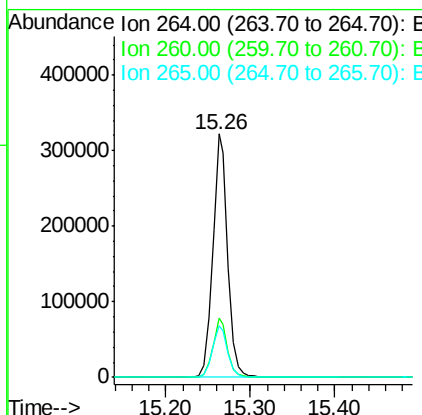
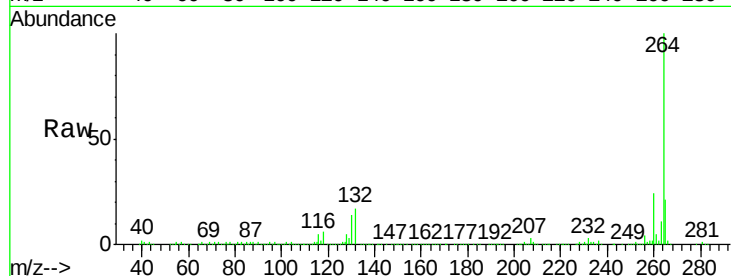
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.4	17.2	25.8

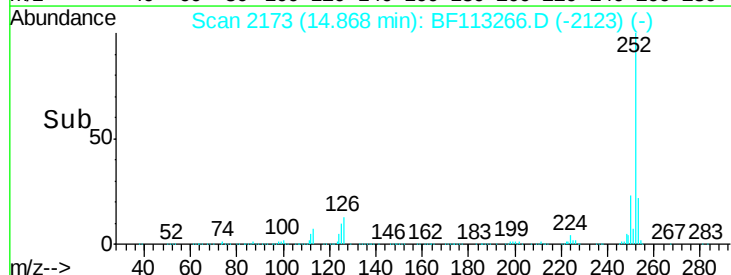
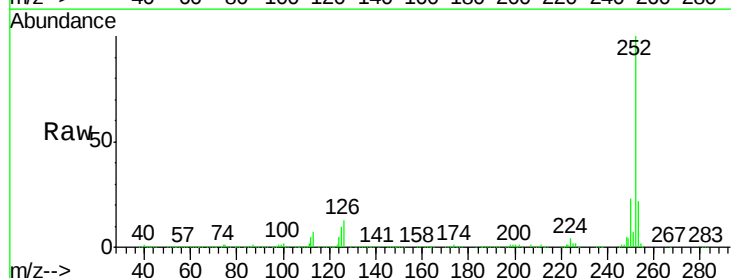
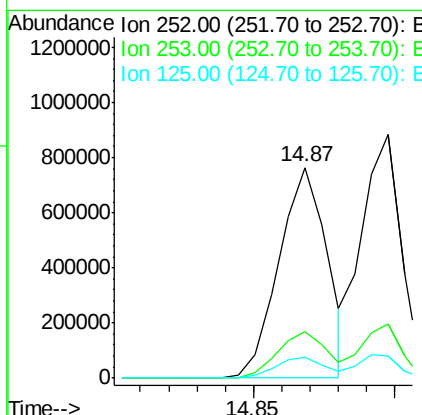
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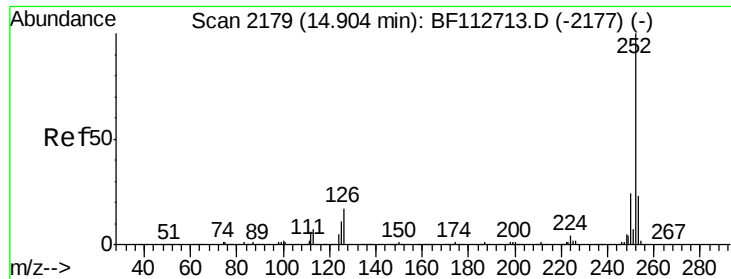
Sohil
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#88
Benzo(b)fluoranthene
Concen: 34.903 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.7	10.2	15.2#





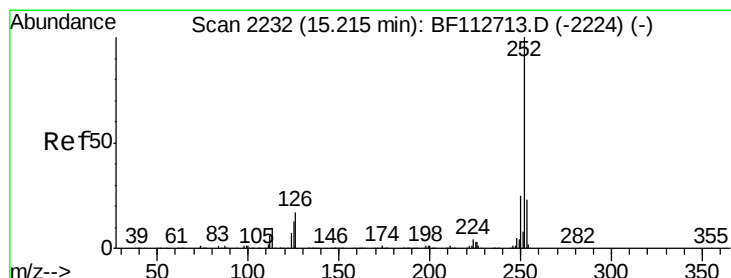
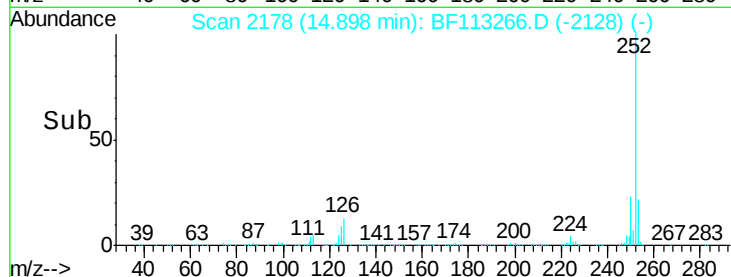
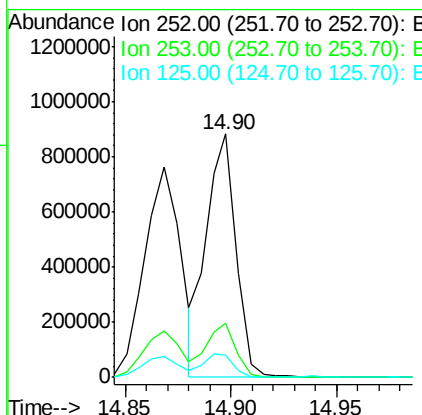
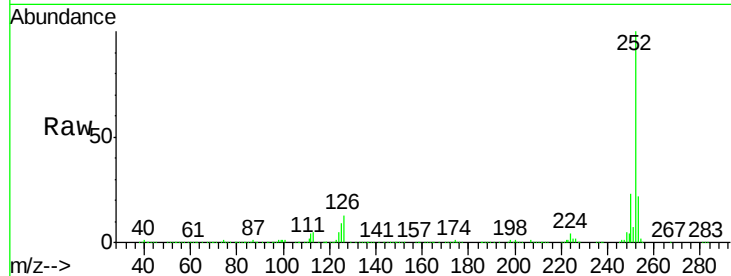
#89
Benzo(k)fluoranthene
Concen: 36.705 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.2	9.8	14.6

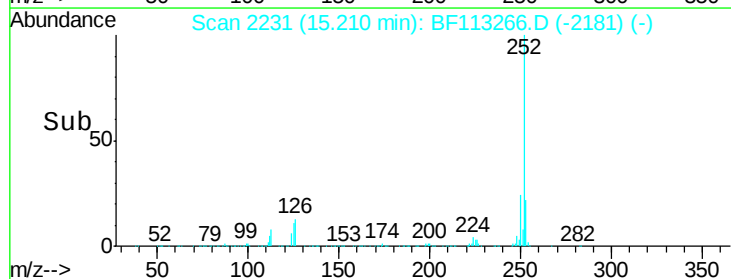
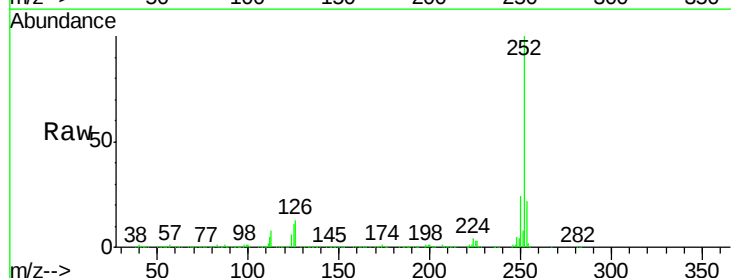
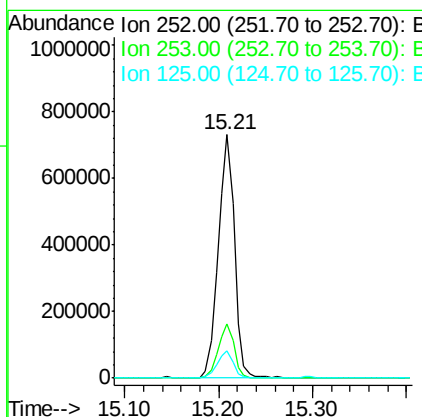
Manual Integrations
APPROVED

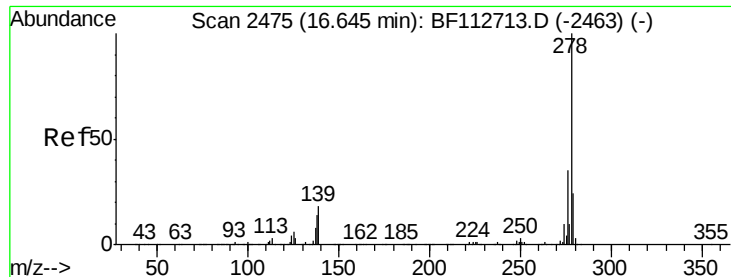
Sohil
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#90
Benzo(a)pyrene
Concen: 38.529 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.0	10.7	16.1





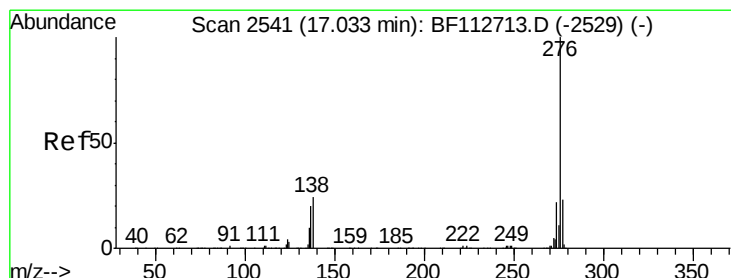
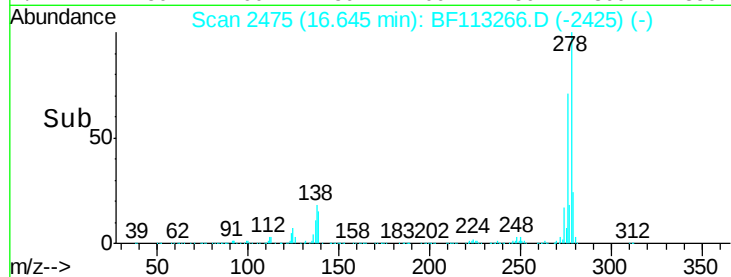
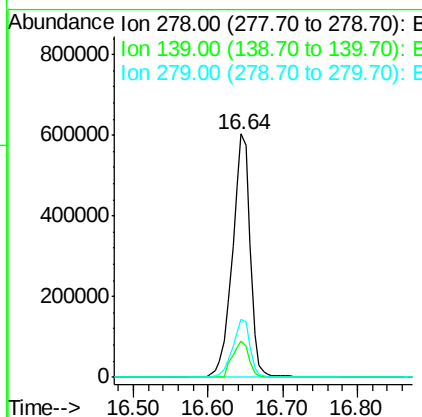
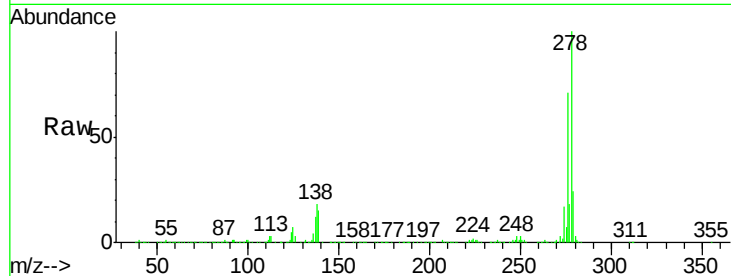
#91
Dibenzo(a,h)anthracene
Concen: 51.159 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	14.3	21.5
279	23.9	19.4	29.0

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 53.308 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF113266.D
Acq: 24 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	20.1	19.4	29.0

