

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116348.D
 Acq On : 17 Aug 2019 11:04
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

Jagrut
 8/19/2019 3:30:54 PM

Quant Time: Aug 19 07:24:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	97961	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	411946	20.00	ng	-0.04
39) Acenaphthene-d10	9.85	164	224613	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	400347	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	306253	20.00	ng	-0.04
87) Perylene-d12	15.43	264	295815	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	530764	90.70	ng	-0.04
7) Phenol-d6	6.45	99	650114	88.06	ng	-0.04
23) Nitrobenzene-d5	7.37	82	586376	82.16	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	175770	80.71	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	1021023	85.14	ng	-0.04
79) Terphenyl-d14	12.91	244	1204395	82.87	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	124480	42.108	ng	100
3) Pyridine	3.29	79	323250	39.144	ng	100
4) n-Nitrosodimethylamine	3.25	42	124771	38.286	ng	100
6) Aniline	6.47	93	435263	41.166	ng	# 86
8) 2-Chlorophenol	6.60	128	290297	44.863	ng	96
9) Benzaldehyde	6.37	77	201808	39.616	ng	99
10) Phenol	6.47	94	381983	43.936	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	272717	42.665	ng	98
12) 1,3-Dichlorobenzene	6.75	146	319891	42.776	ng	99
13) 1,4-Dichlorobenzene	6.83	146	325161	43.426	ng	99
14) 1,2-Dichlorobenzene	6.98	146	299619	43.457	ng	99
15) Benzyl Alcohol	6.96	79	241432	43.091	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	367666	42.170	ng	90
17) 2-Methylphenol	7.07	107	243029	44.355	ng	97
18) Hexachloroethane	7.32	117	116875	42.395	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	202278	44.213	ng	97
20) 3+4-Methylphenols	7.23	107	308820	47.629	ng	91
22) Acetophenone	7.22	105	392669	43.463	ng	# 96
24) Nitrobenzene	7.40	77	328011	42.566	ng	98
25) Isophorone	7.63	82	577007	42.283	ng	99
26) 2-Nitrophenol	7.72	139	157929	43.478	ng	94
27) 2,4-Dimethylphenol	7.75	122	228273	41.771	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	358312	42.363	ng	99
29) 2,4-Dichlorophenol	7.96	162	247470	42.888	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	268041	40.751	ng	99
31) Naphthalene	8.11	128	846353	43.660	ng	99
32) Benzoic acid	7.90	122	134842	34.997	ng	99
33) 4-Chloroaniline	8.17	127	364605	42.095	ng	98
34) Hexachlorobutadiene	8.23	225	153933	40.631	ng	100
35) Caprolactam	8.54	113	80118	42.930	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	263745	43.937	ng	94
37) 2-Methylnaphthalene	8.80	142	548914	42.995	ng	99
38) 1-Methylnaphthalene	8.90	142	531415	43.999	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	248496	41.383	ng	100

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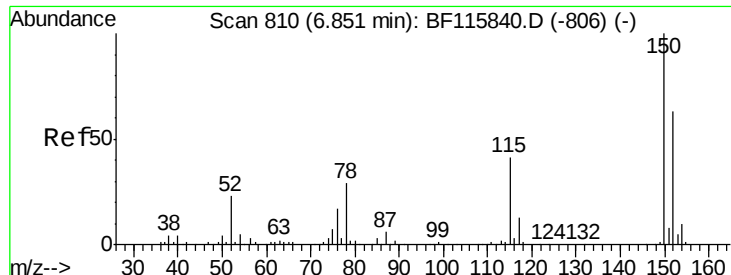
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	98893	39.891	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	149628	36.202	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	153732	35.982	nq	97
46) 1,1'-Biphenyl	9.26	154	677372	42.716	nq	99
47) 2-Chloronaphthalene	9.29	162	545913	41.363	nq	99
48) 2-Nitroaniline	9.39	65	183955	42.167	nq	90
49) Acenaphthylene	9.70	152	827779	42.990	nq	98
50) Dimethylphthalate	9.56	163	638957	41.779	nq	100
51) 2,6-Dinitrotoluene	9.63	165	141713	42.639	nq	92
52) Acenaphthene	9.87	154	507328	42.948	nq	99
53) 3-Nitroaniline	9.81	138	167020	40.670	nq	91
54) 2,4-Dinitrophenol	9.93	184	47776m	33.315	nq	
55) Dibenzofuran	10.05	168	714839	41.612	nq	99
56) 4-Nitrophenol	9.99	139	94143	35.786	nq	99
57) 2,4-Dinitrotoluene	10.05	165	181704	41.062	nq	92
58) Fluorene	10.39	166	594965	45.016	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	132739	36.928	nq	99
60) Diethylphthalate	10.26	149	609966	42.719	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	297527	44.449	nq	98
62) 4-Nitroaniline	10.42	138	169512	39.941	nq	98
63) Azobenzene	10.54	77	646358	44.011	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	83486	39.351	nq	99
66) n-Nitrosodiphenylamine	10.50	169	518674	43.043	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	180314	42.073	nq	99
68) Hexachlorobenzene	10.95	284	207192	41.808	nq	98
69) Atrazine	11.03	200	187629	47.330	nq	100
70) Pentachlorophenol	11.15	266	81342	33.808	nq	97
71) Phenanthrene	11.35	178	890915	43.530	nq	99
72) Anthracene	11.40	178	910208	43.944	nq	99
73) Carbazole	11.56	167	842501	44.833	nq	99
74) Di-n-butylphthalate	11.88	149	967554	44.137	nq	99
75) Fluoranthene	12.55	202	941394	43.936	nq	99
77) Benzidine	12.66	184	362358	35.022	nq	98
78) Pyrene	12.77	202	973177	42.155	nq	100
80) Butylbenzylphthalate	13.37	149	406172	41.593	nq	95
81) Benzo(a)anthracene	13.96	228	842219	43.026	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	291444	42.856	nq	98
83) Chrysene	14.00	228	816942	42.988	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	548331	43.209	nq	99
85) Di-n-octyl phthalate	14.54	149	837158	41.533	nq	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	631874	39.588	nq	100
88) Benzo(b)fluoranthene	15.00	252	679818	39.745	nq	99
89) Benzo(k)fluoranthene	15.03	252	724609	43.494	nq	99
90) Benzo(a)pyrene	15.37	252	637199	41.674	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	520344	39.315	nq	99
92) Benzo(g,h,i)perylene	17.32	276	500146	38.478	nq	98

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



#1

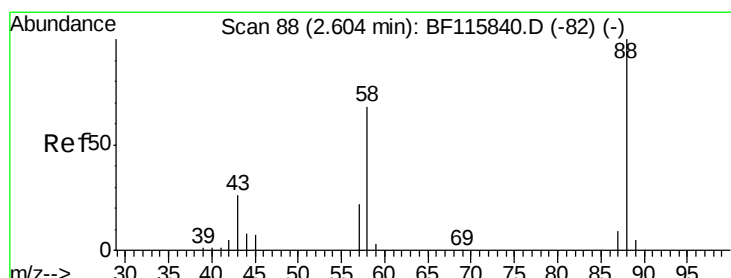
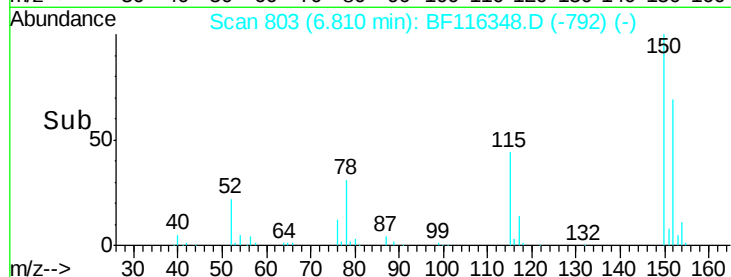
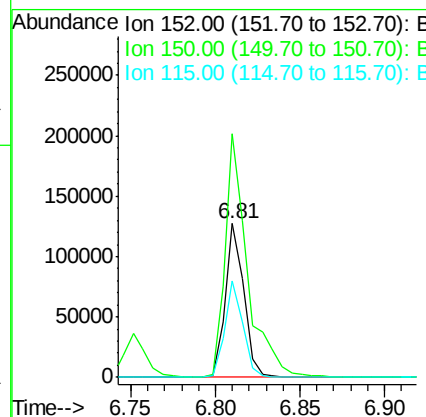
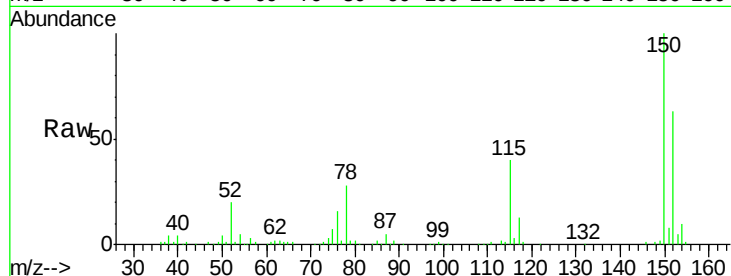
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	62.9	49.9	74.9

Manual Integrations
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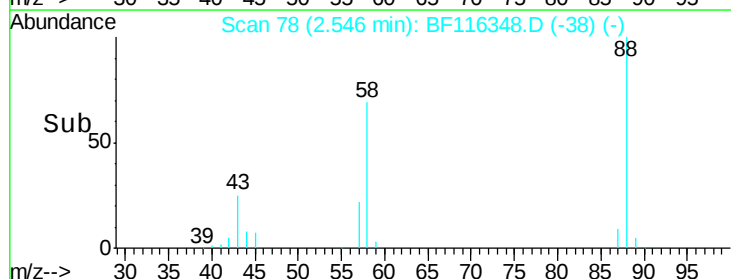
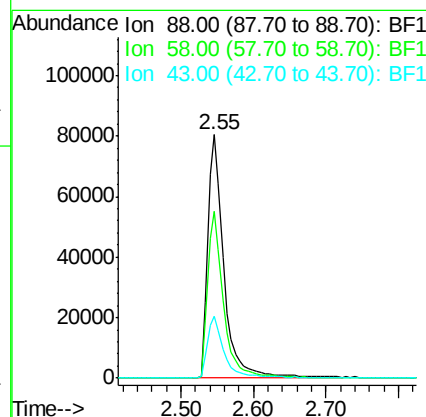
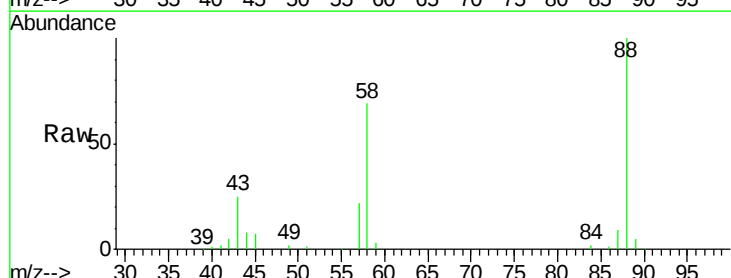
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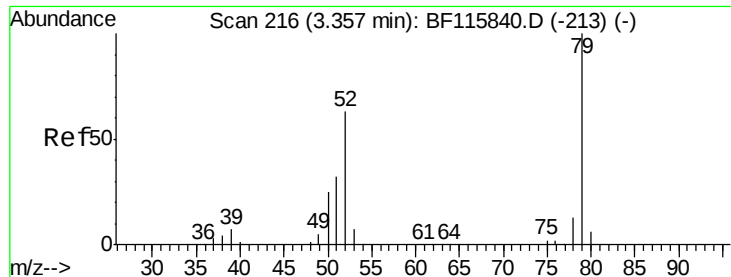


#2

1,4-Dioxane
Concen: 42.108 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.06 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.0	53.7	80.5
43	26.2	21.0	31.4





#3

Pvridine

Concen: 39.144 ng

RT: 3.29 min Scan# 205

Delta R.T. -0.07 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

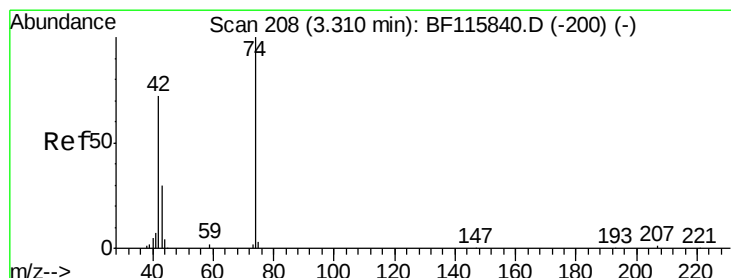
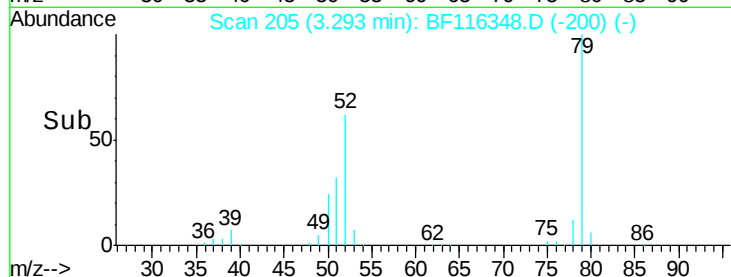
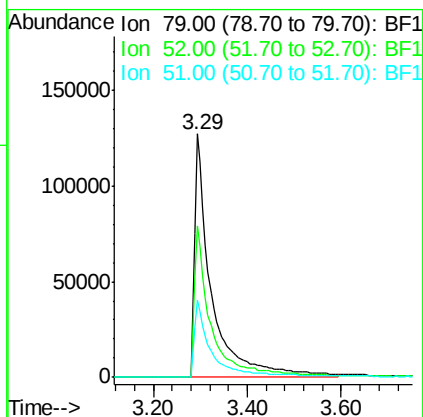
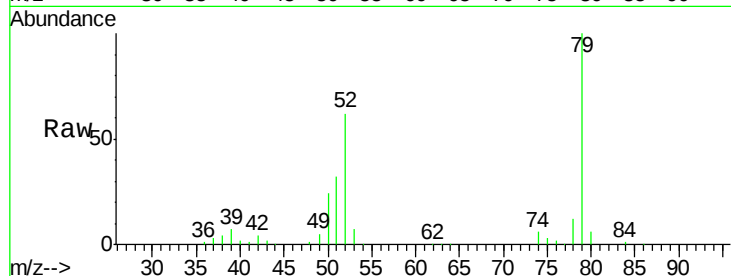
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	323250
Ion Ratio	Lower	Upper	
79	100		
52	62.1	49.8	74.8
51	31.8	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 38.286 ng

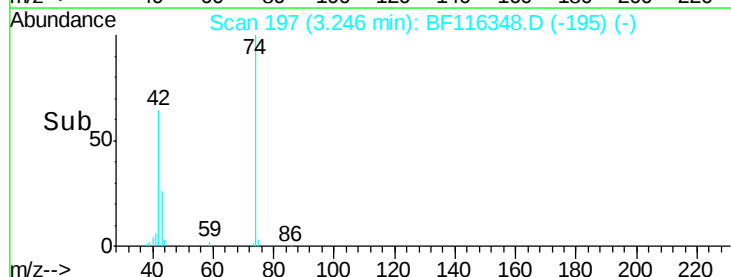
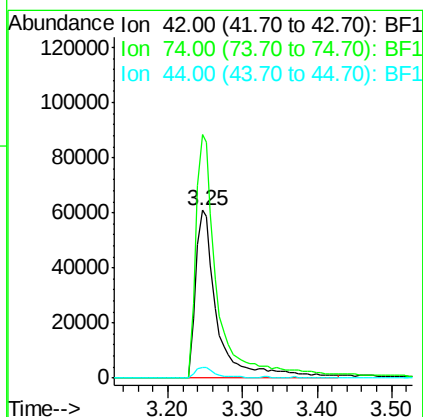
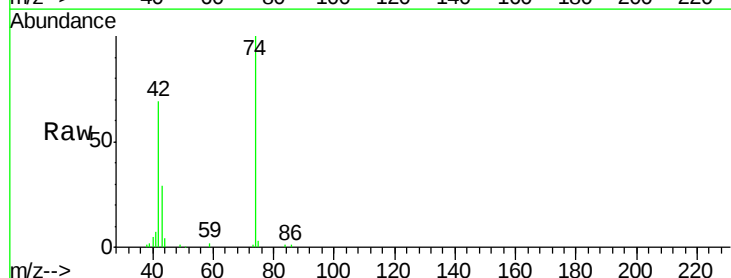
RT: 3.25 min Scan# 197

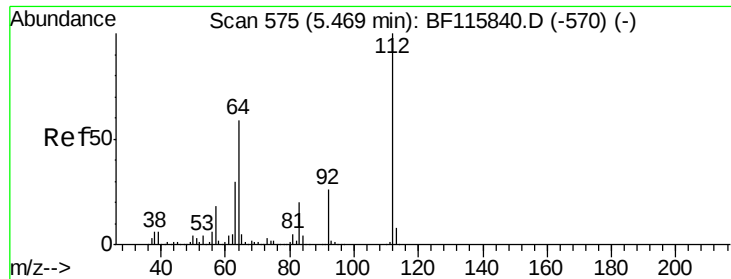
Delta R.T. -0.09 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Tgt Ion:	42	Resp:	124771
Ion Ratio	Lower	Upper	
42	100		
74	144.9	116.0	174.0
44	6.2	4.6	7.0





#5

2-Fluorophenol

Concen: 90.703 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

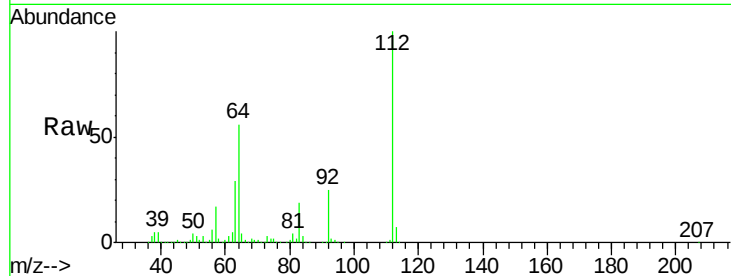
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	530764
Ion Ratio	Lower	Upper	
112	100		
64	55.8	45.4	68.2
63	28.6	23.7	35.5

Manual Integrations
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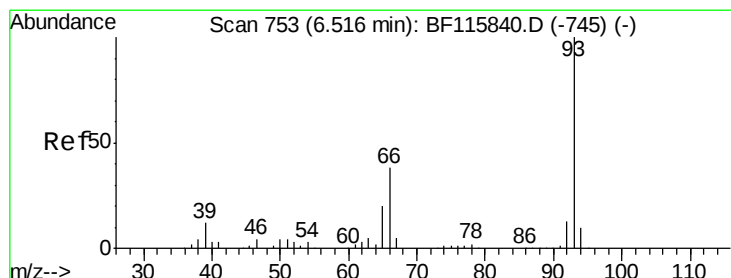
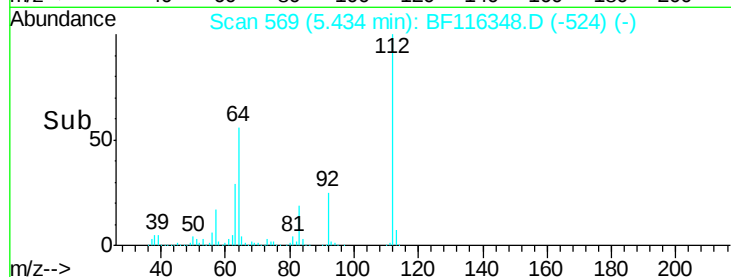
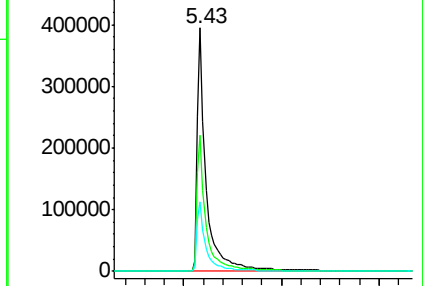
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.166 ng

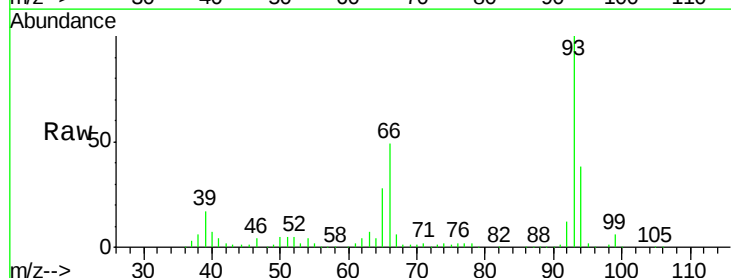
RT: 6.47 min Scan# 746

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

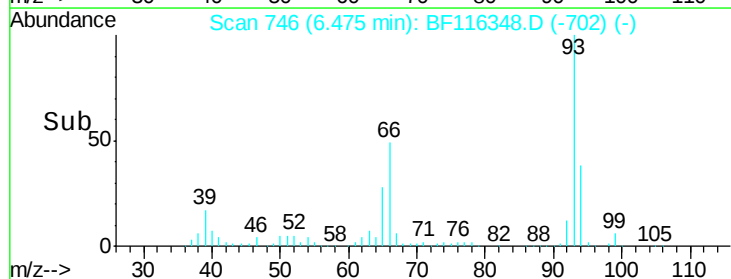
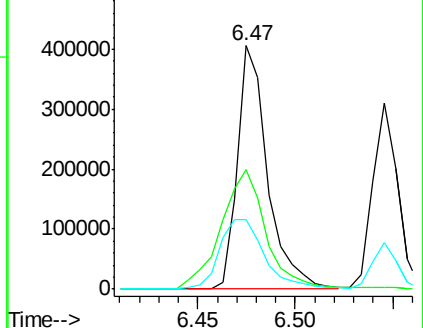
Tgt Ion:	93	Resp:	435263
Ion Ratio	Lower	Upper	
93	100		
66	48.8	32.2	48.4#
65	28.3	17.0	25.6#

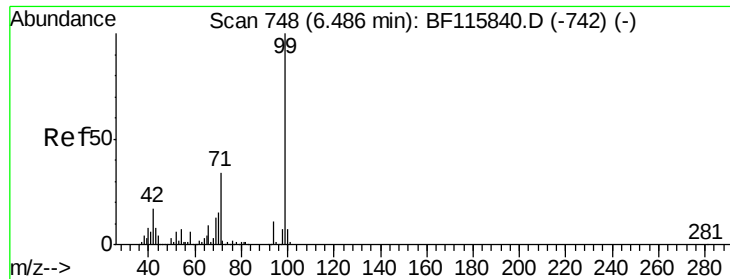


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.056 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

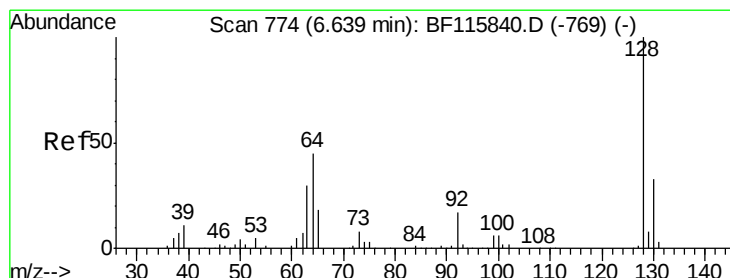
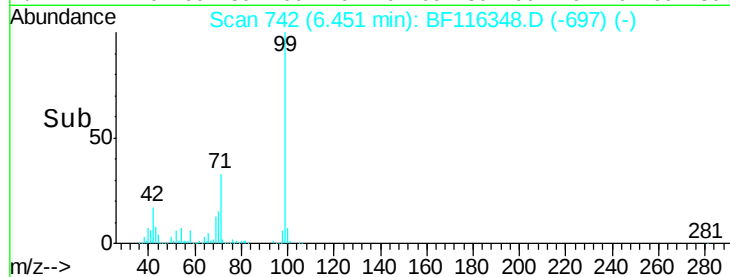
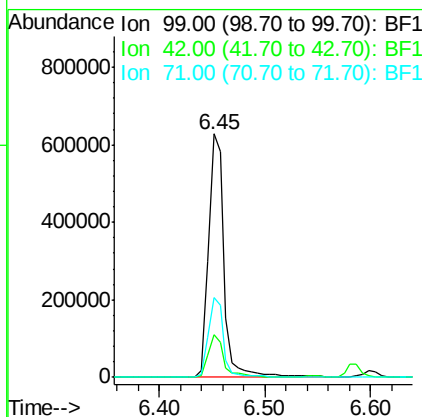
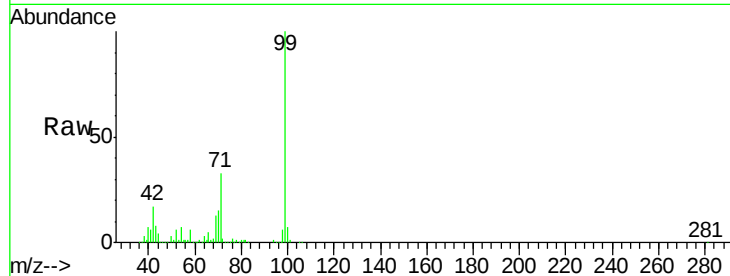
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	650114
Ion Ratio	Lower	Upper	
99	100		
42	17.5	13.8	20.8
71	33.0	27.3	40.9

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#8

2-Chlorophenol

Concen: 44.863 ng

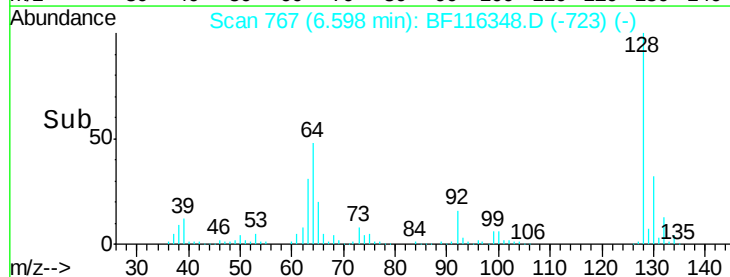
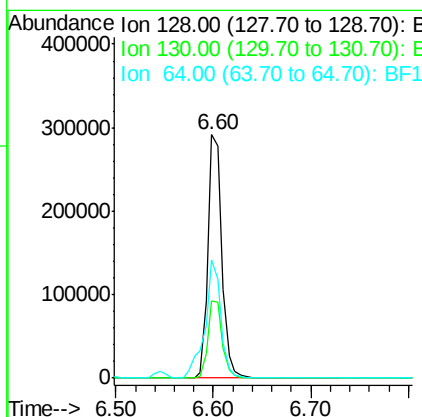
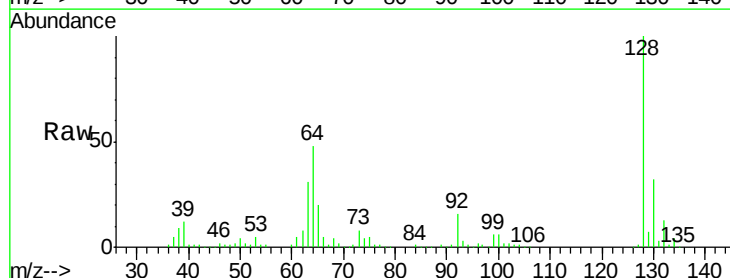
RT: 6.60 min Scan# 767

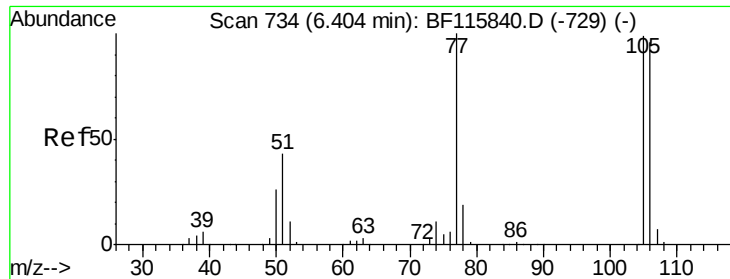
Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Tgt Ion:	128	Resp:	290297
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	48.3	24.3	64.3





#9

Benzaldehyde

Concen: 39.616 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

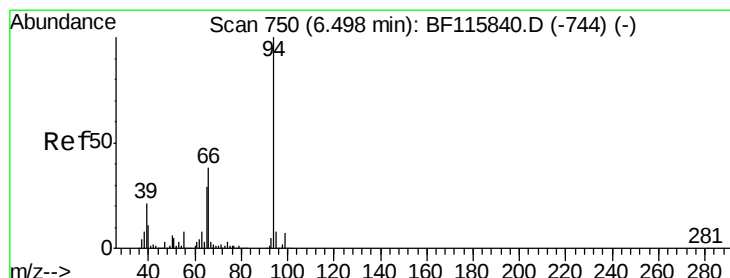
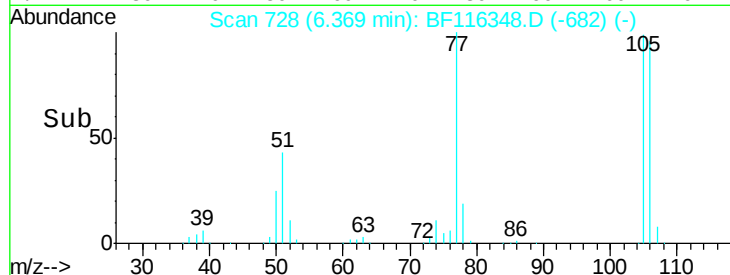
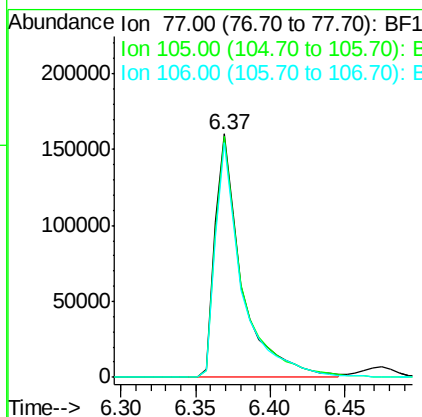
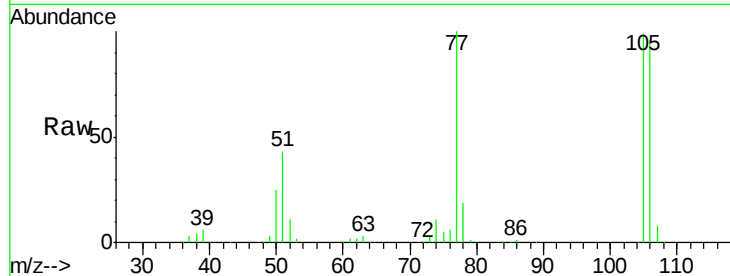
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	201808
Ion Ratio	Lower	Upper	
77	100		
105	99.0	79.2	119.2
106	96.5	74.3	114.3

Manual Integrations
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#10

Phenol

Concen: 43.936 ng

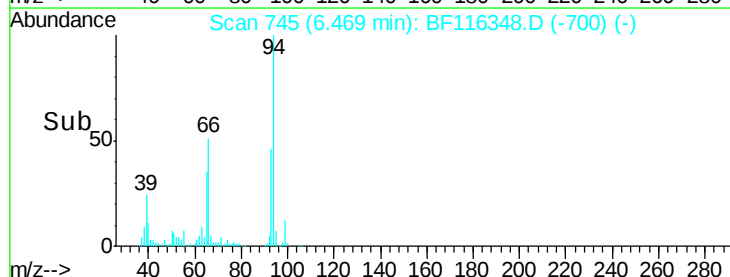
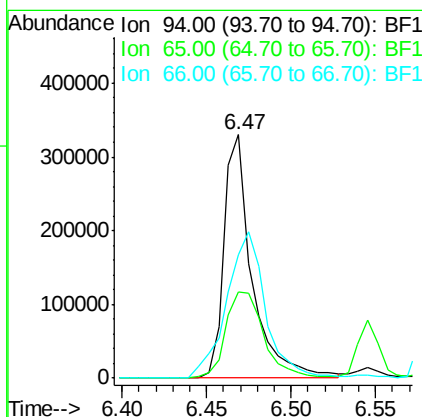
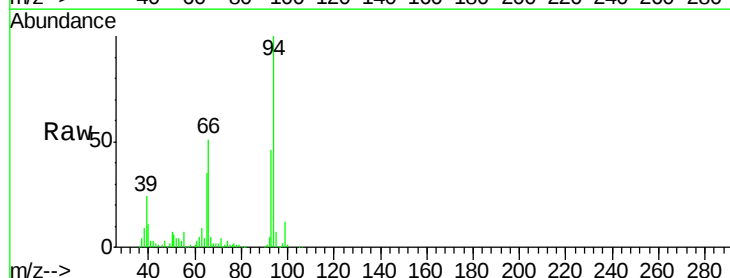
RT: 6.47 min Scan# 745

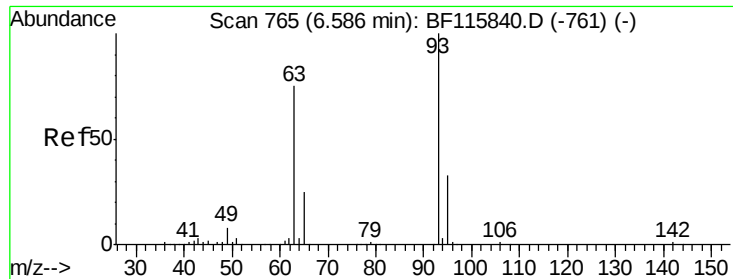
Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Tgt Ion:	94	Resp:	381983
Ion Ratio	Lower	Upper	
94	100		
65	35.3	16.8	56.8
66	50.6	34.2	74.2





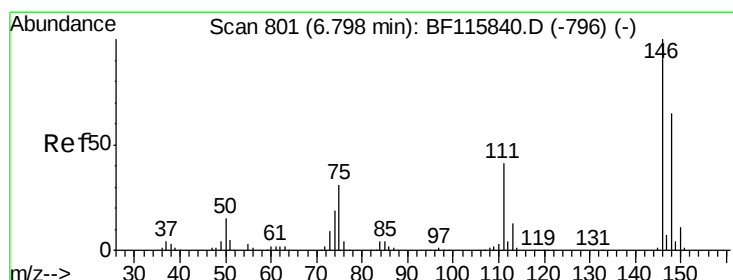
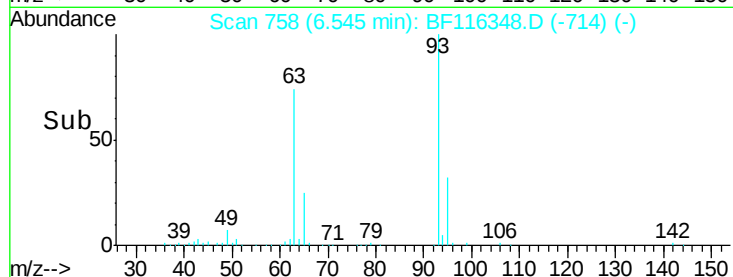
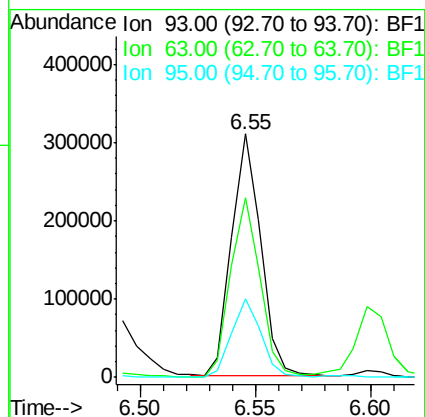
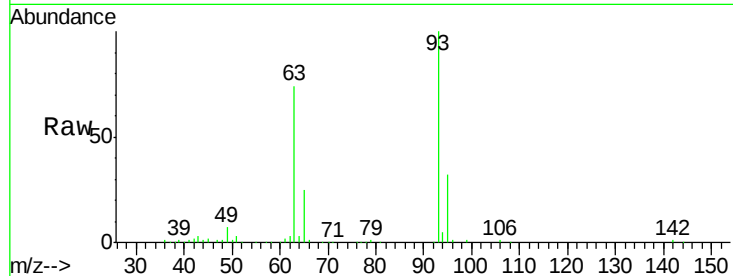
#11
 bis(2-Chloroethyl)ether
 Concen: 42.665 ng
 RT: 6.55 min Scan# 758
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	93	Resp:	272717
Ion Ratio	Lower	Upper	
93	100		
63	73.7	51.9	91.9
95	32.5	13.0	53.0

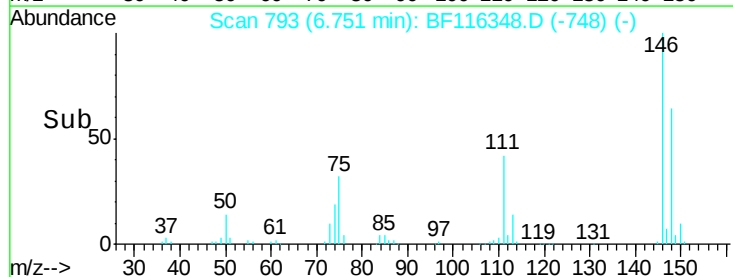
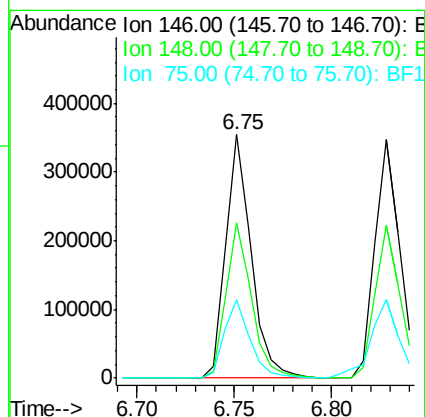
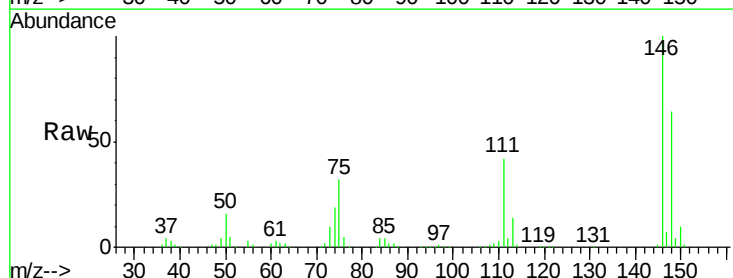
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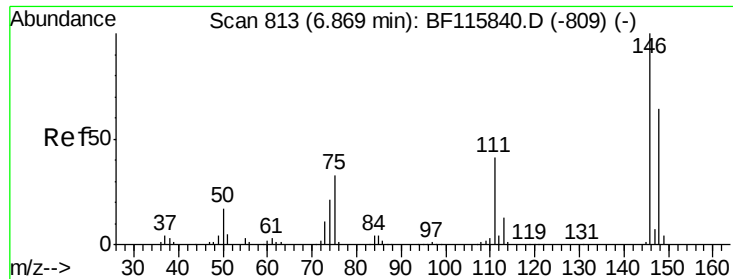
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#12
 1,3-Dichlorobenzene
 Concen: 42.776 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Tgt Ion:	146	Resp:	319891
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.3	76.9
75	32.4	27.4	41.2





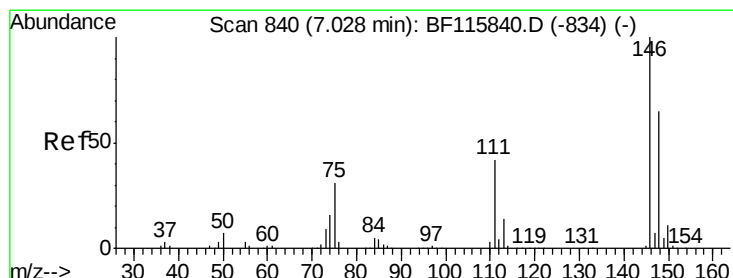
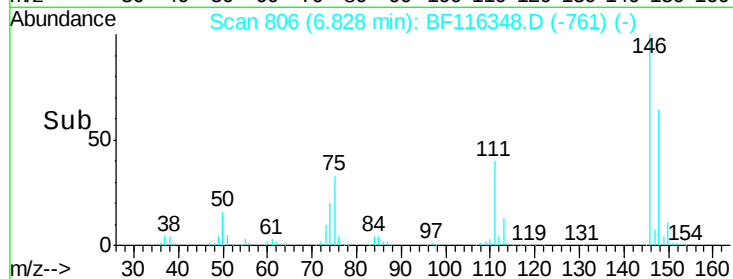
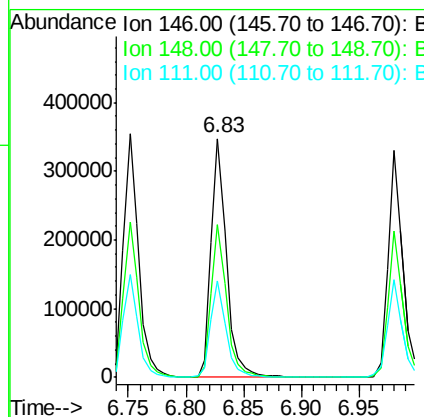
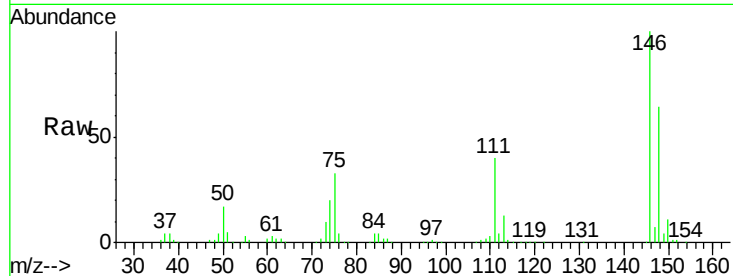
#13
 1,4-Dichlorobenzene
 Concen: 43.426 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
111	40.2	34.0	51.0

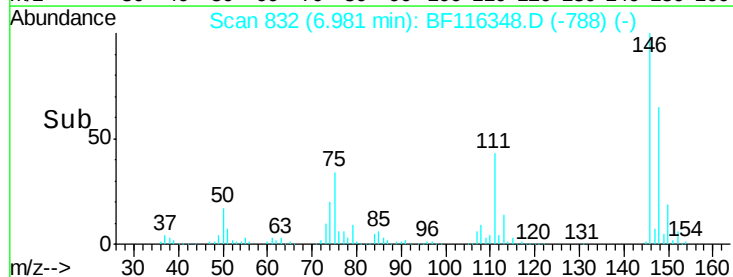
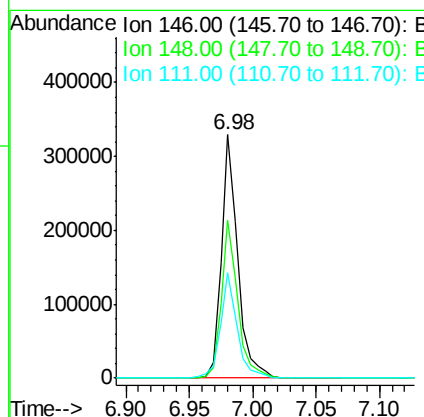
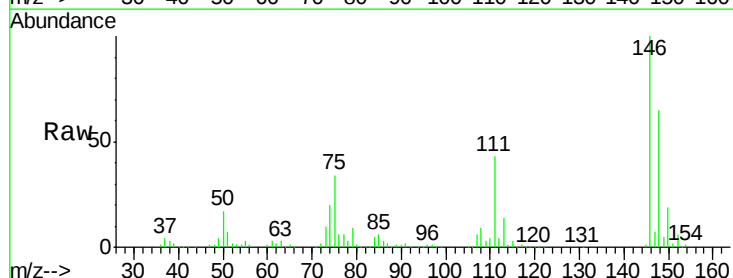
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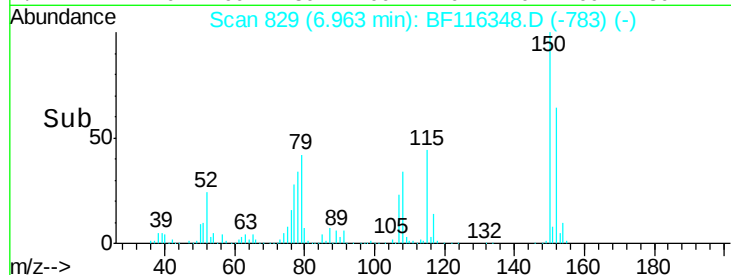
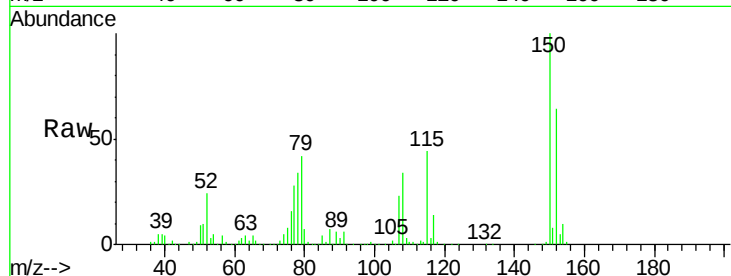
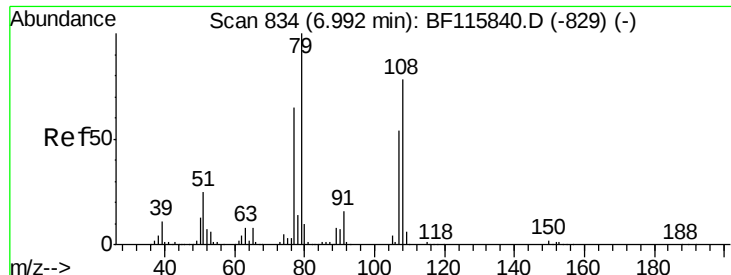
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#14
 1,2-Dichlorobenzene
 Concen: 43.457 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
111	43.4	33.5	50.3





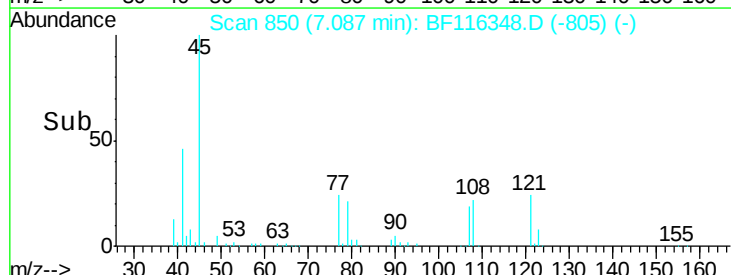
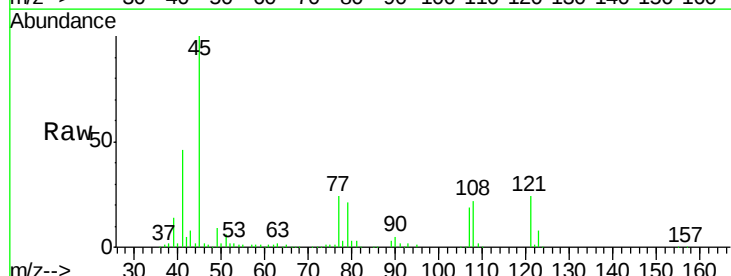
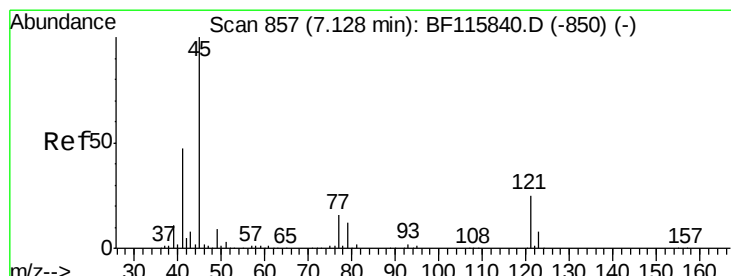
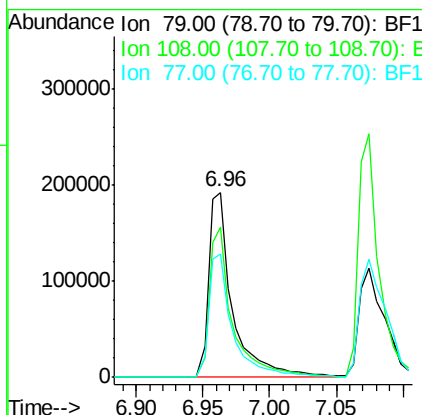
#15
Benzyl Alcohol
Concen: 43.091 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.03 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.0	62.7	94.1
77	66.6	52.2	78.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

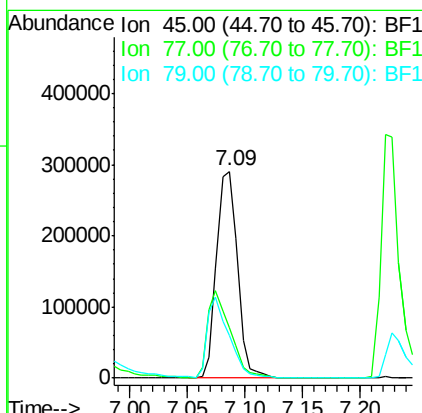
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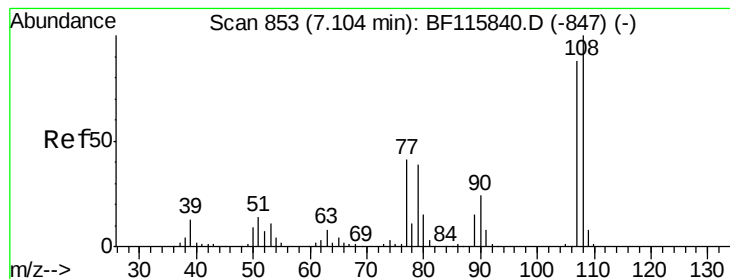
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.170 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.3	0.0	40.0
79	20.7	0.0	35.9





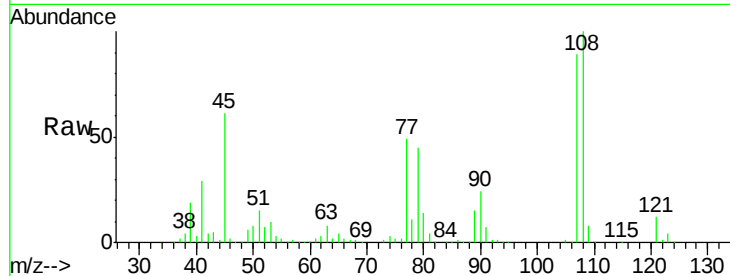
#17
2-Methylphenol
Concen: 44.355 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.03 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

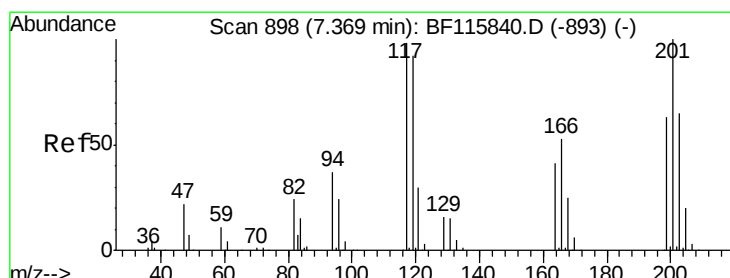
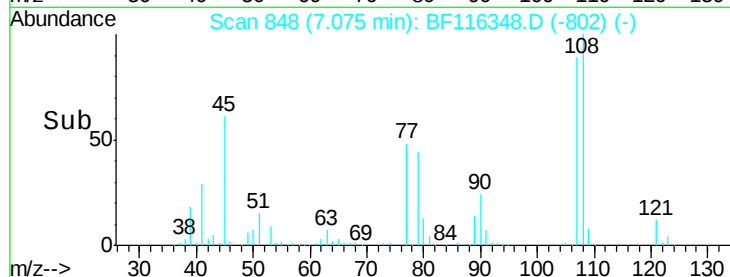
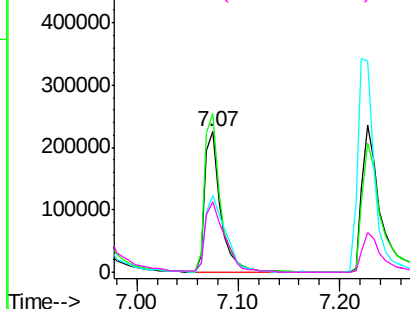
Tot Ion	107	Resp	243029
Ion Ratio	Lower	Upper	
107	100		
108	112.6	91.2	136.8
77	54.7	40.3	60.5
79	50.4	37.6	56.4

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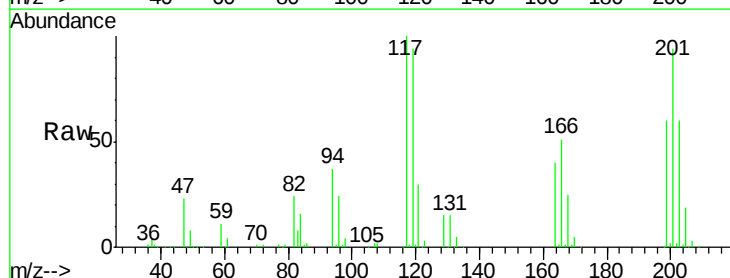


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

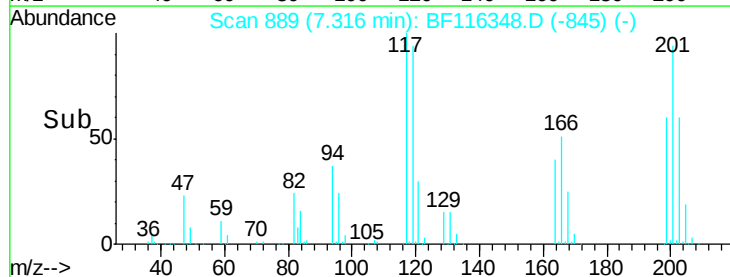
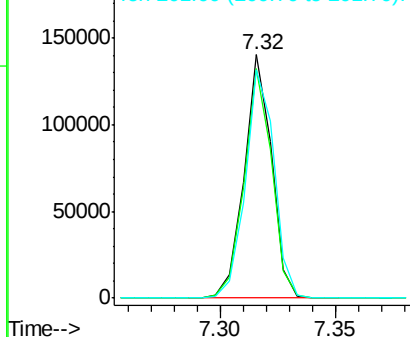


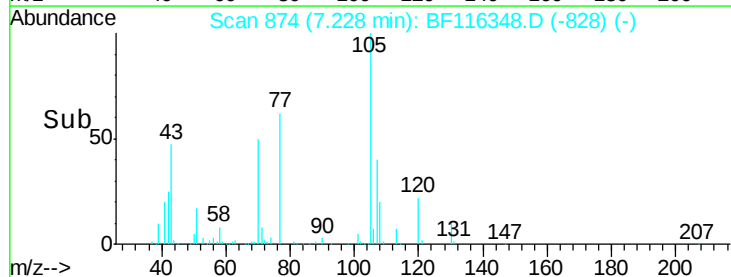
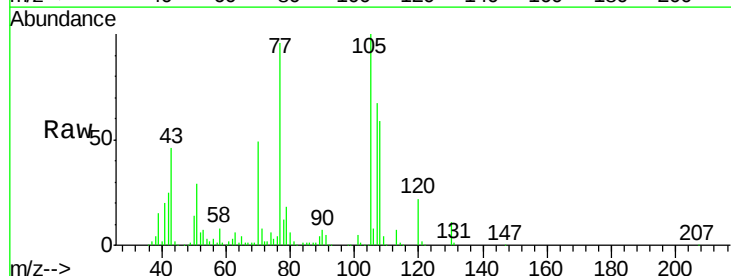
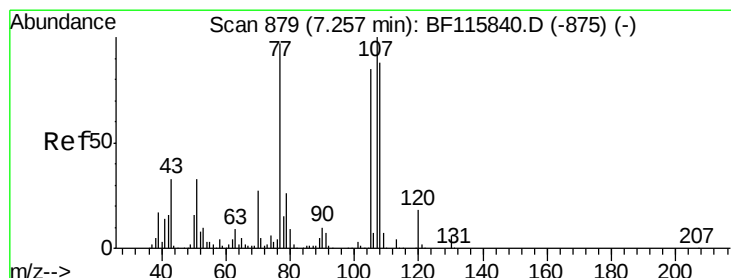
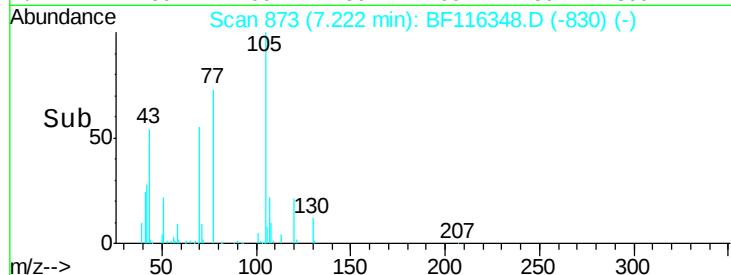
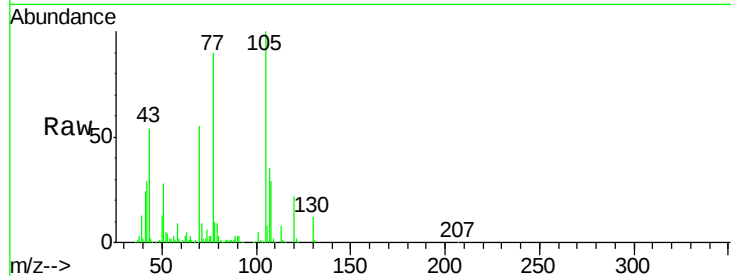
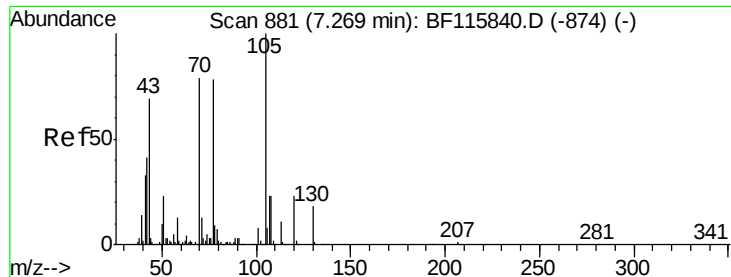
#18
Hexachloroethane
Concen: 42.395 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	117	Resp	116875
Ion Ratio	Lower	Upper	
117	100		
119	94.4	76.1	114.1
201	93.7	77.0	115.4



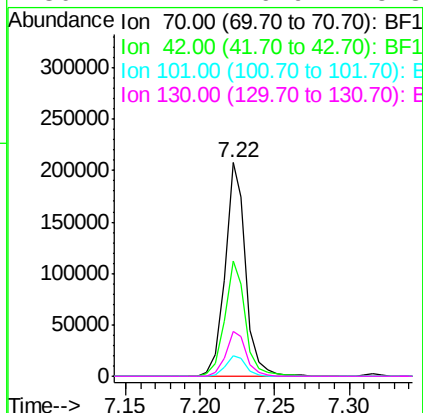
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 44.213 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.8	40.9	61.3	
101	9.5	7.9	11.9	
130	21.2	16.9	25.3	



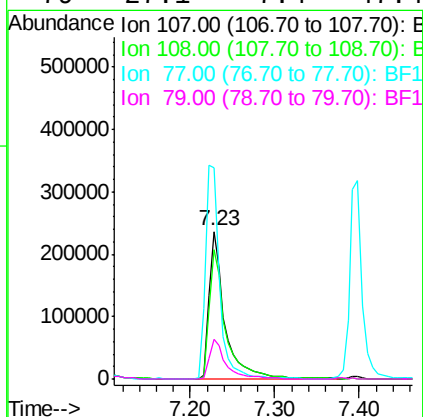
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

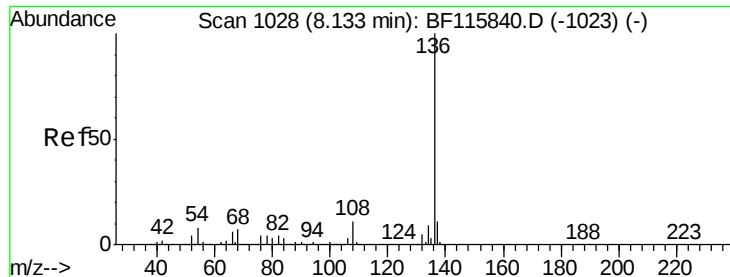
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#20
3+4-Methylphenols
Concen: 47.629 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	67.6	107.6	
77	143.4	104.4	144.4	
79	27.1	7.4	47.4	





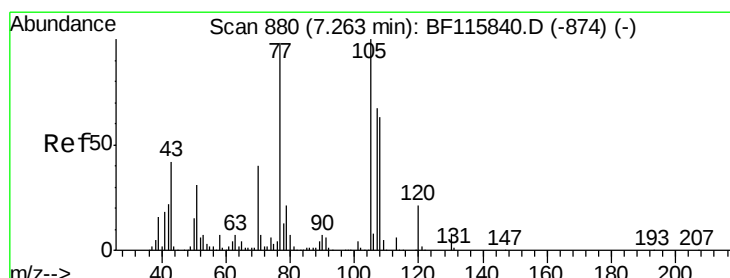
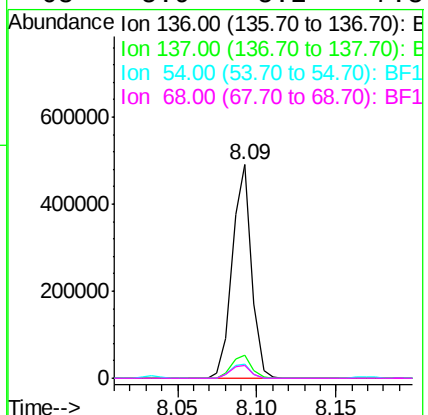
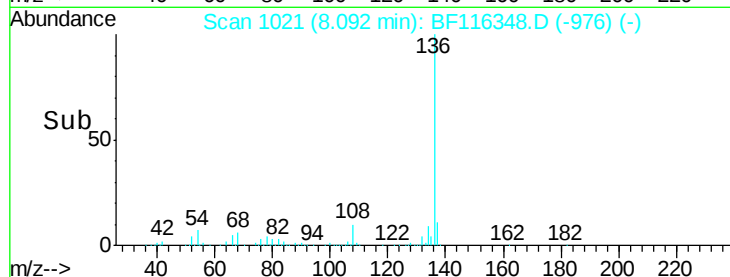
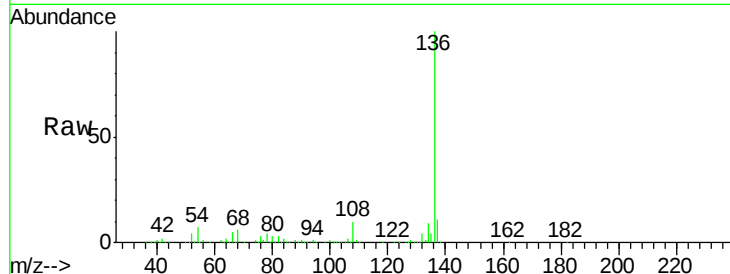
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		411946		
137	10.8		9.0	13.4	
54	6.5		5.8	8.6	
68	5.9		5.2	7.8	

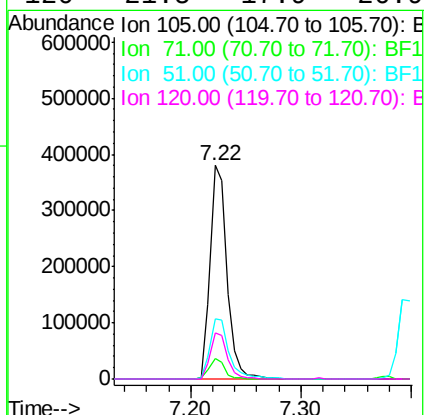
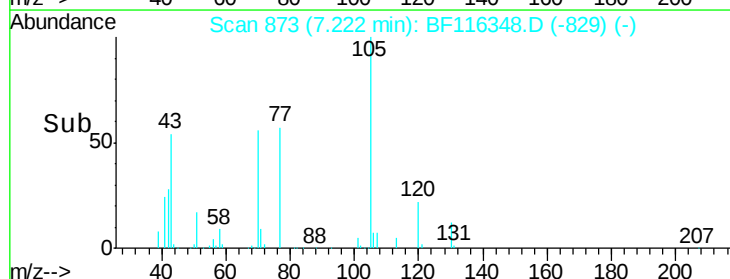
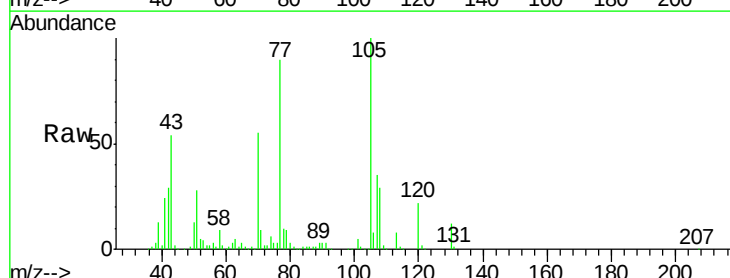
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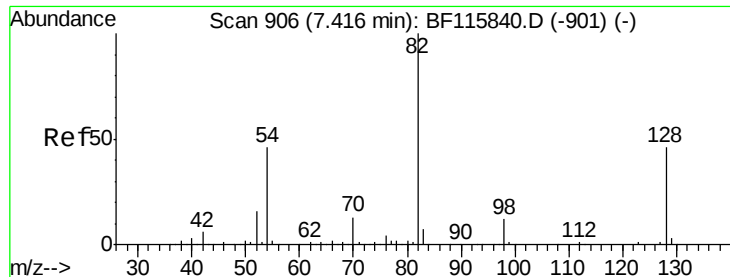
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#22
Acetophenone
Concen: 43.463 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		392669		
71	9.4		5.9	8.9#	
51	28.4		25.3	37.9	
120	21.5		17.9	26.9	





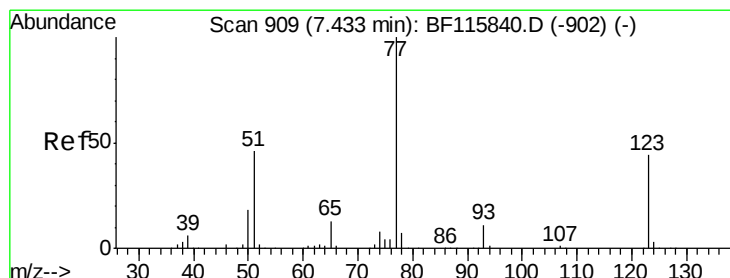
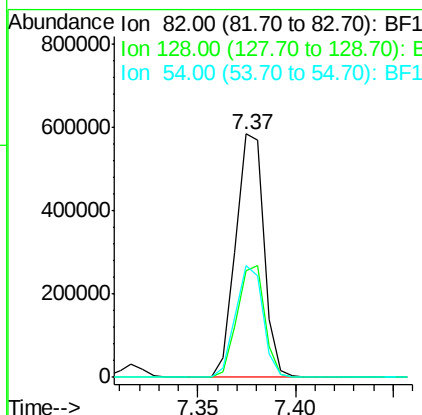
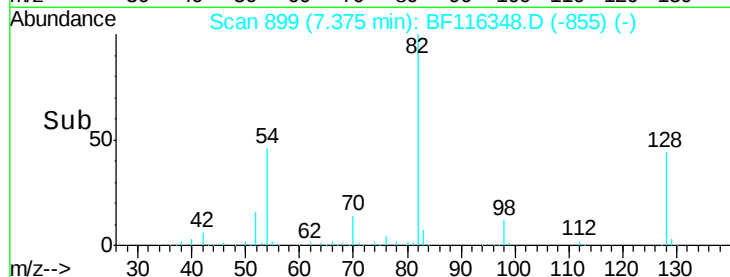
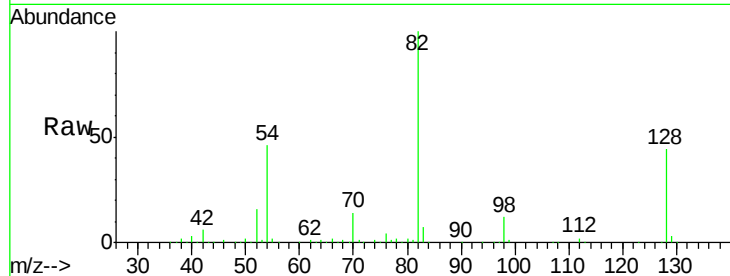
#23
 Nitrobenzene-d5
 Concen: 82.165 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	586376		
128	43.8		36.5	54.7
54	45.9		36.0	54.0

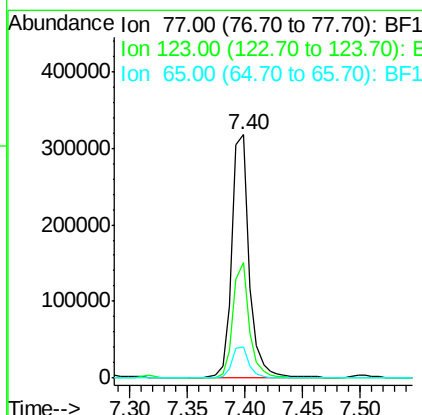
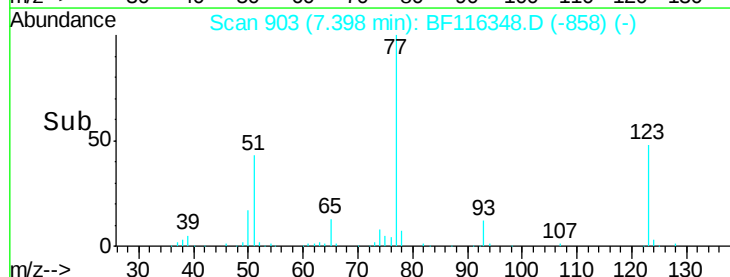
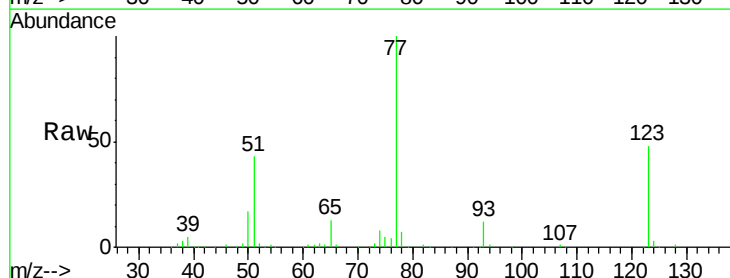
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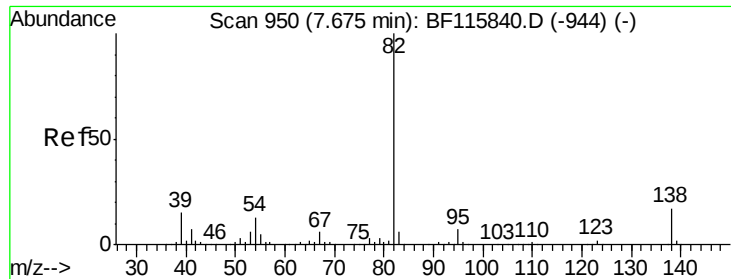
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#24
 Nitrobenzene
 Concen: 42.566 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	328011		
123	47.6		36.7	55.1
65	12.9		10.6	16.0





#25

Isophorone

Concen: 42.283 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

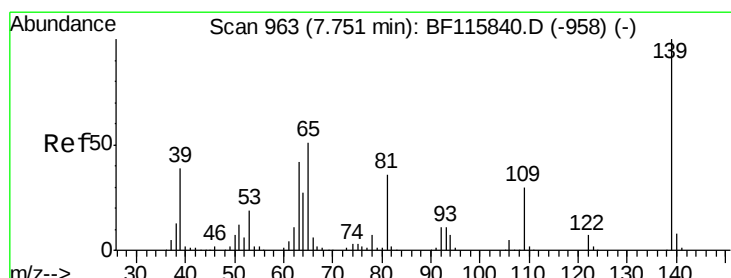
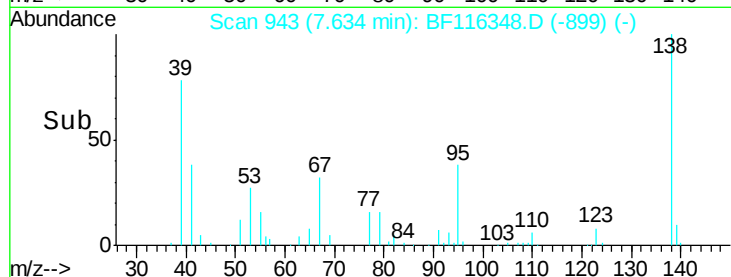
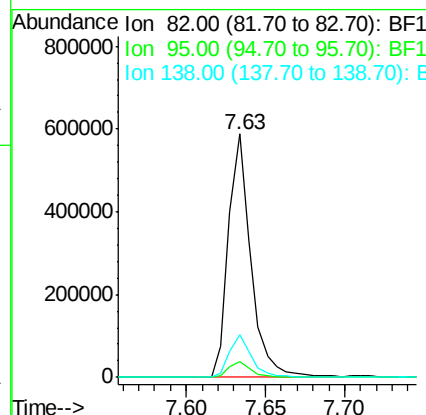
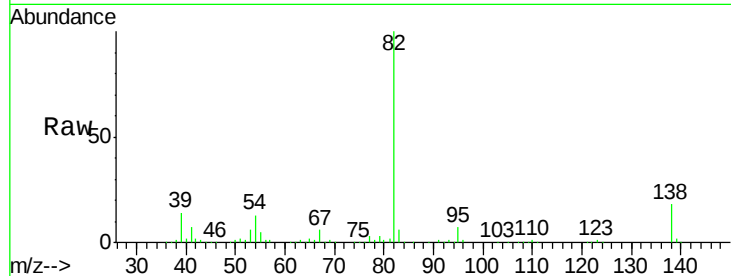
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	577007
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.0
138	17.6	14.5	21.7

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#26

2-Nitrophenol

Concen: 43.478 ng

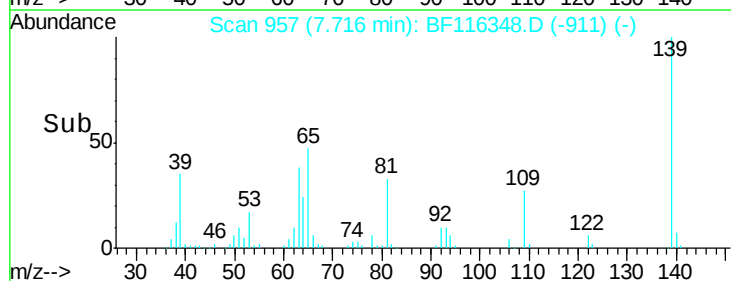
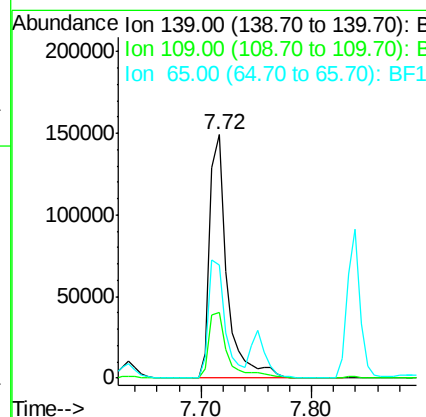
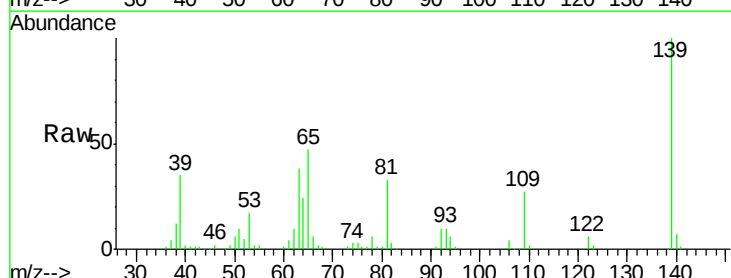
RT: 7.72 min Scan# 957

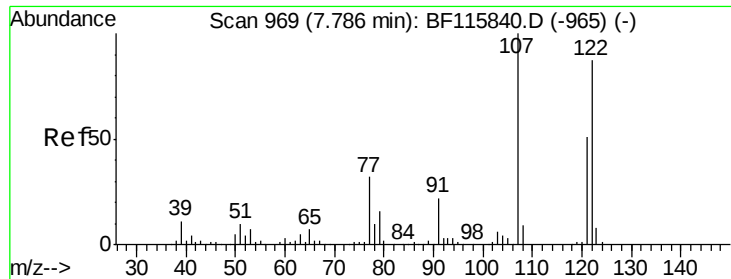
Delta R.T. -0.03 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Tgt Ion:	139	Resp:	157929
Ion Ratio	Lower	Upper	
139	100		
109	27.2	23.4	35.2
65	46.7	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 41.771 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

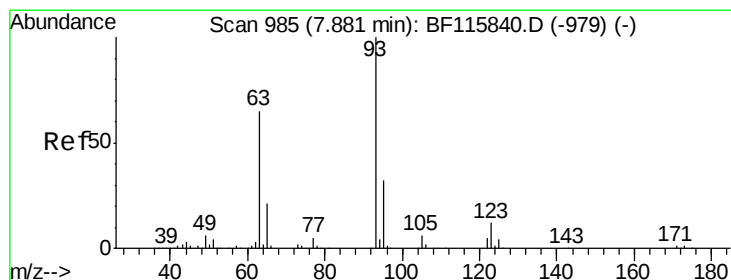
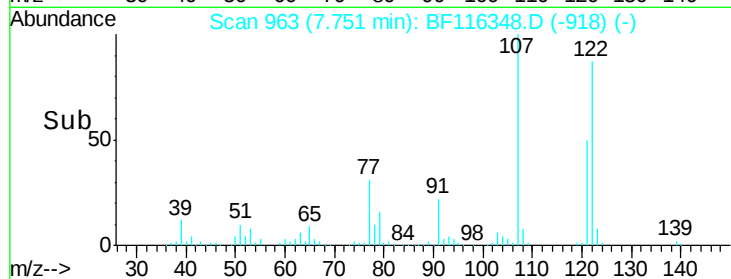
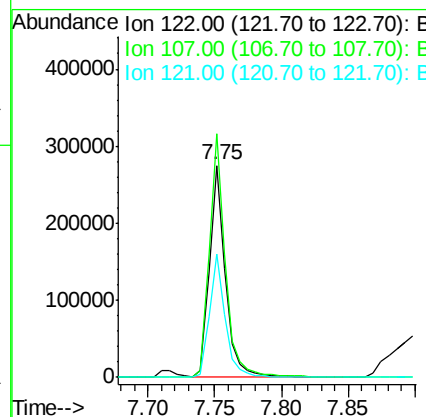
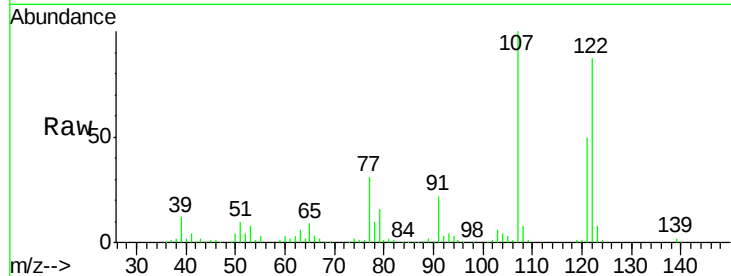
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	228273		
107	114.9	93.0	139.6	
121	58.0	47.6	71.4	

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#28

bis(2-Chloroethoxy)methane

Concen: 42.363 ng

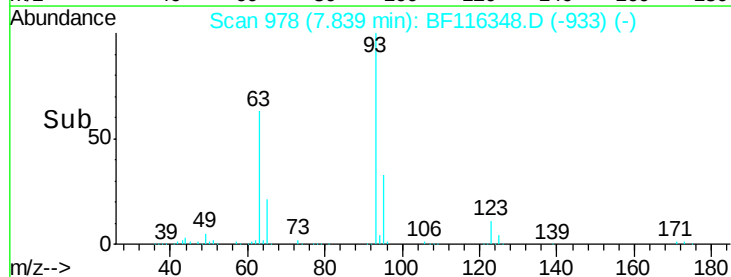
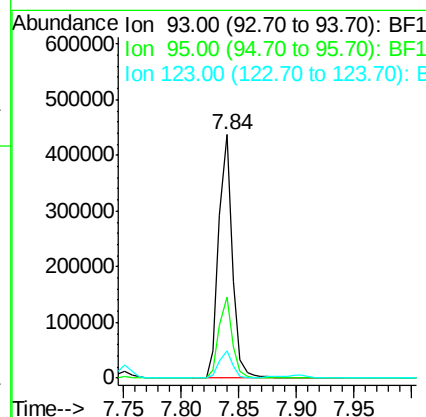
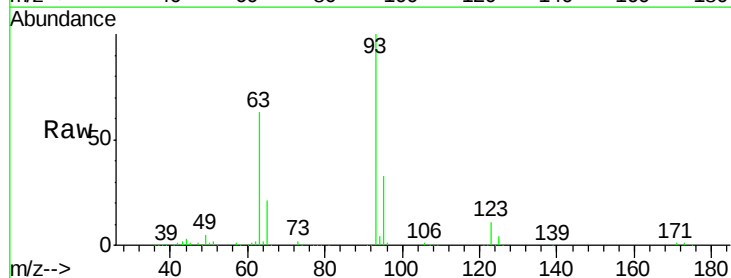
RT: 7.84 min Scan# 978

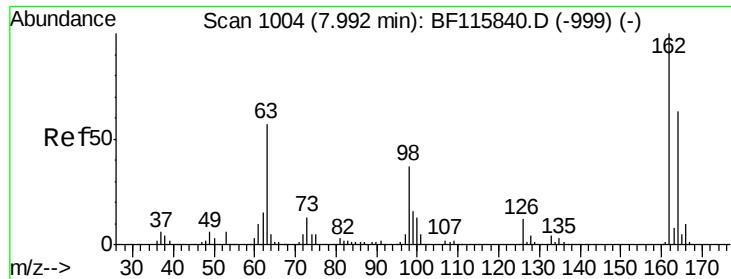
Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	358312		
95	33.2	26.2	39.4	
123	11.3	9.2	13.8	





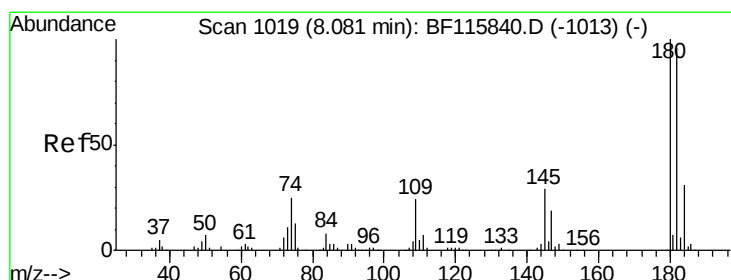
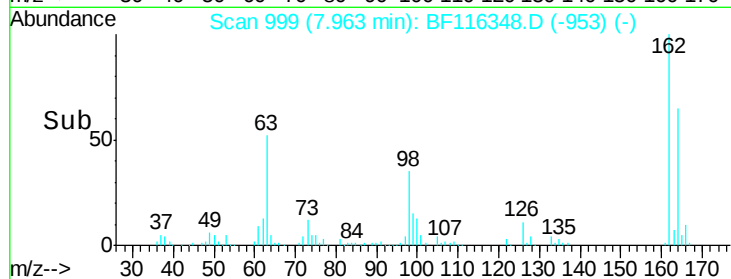
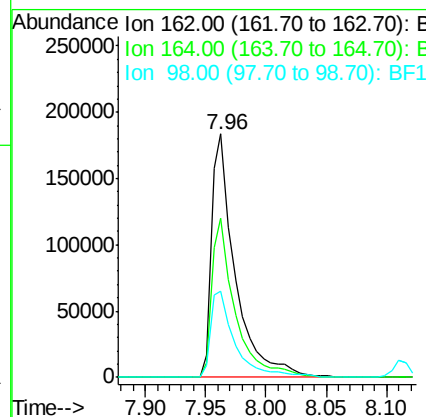
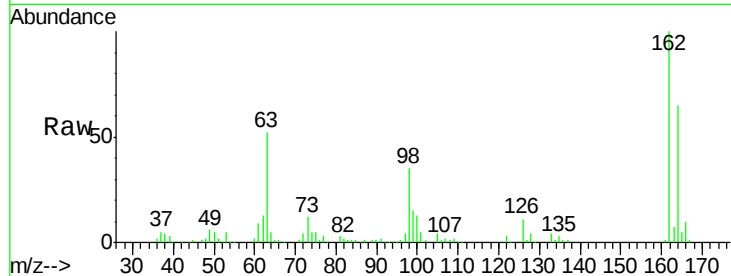
#29
 2,4-Dichlorophenol
 Concen: 42.888 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.03 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	247470		
164	65.2	45.1	85.1	
98	35.2	15.8	55.8	

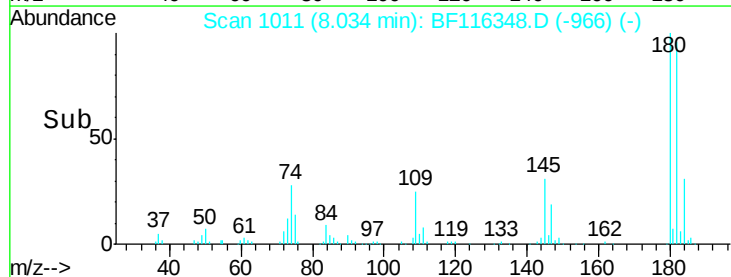
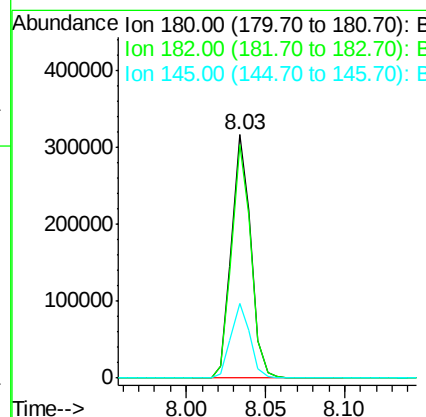
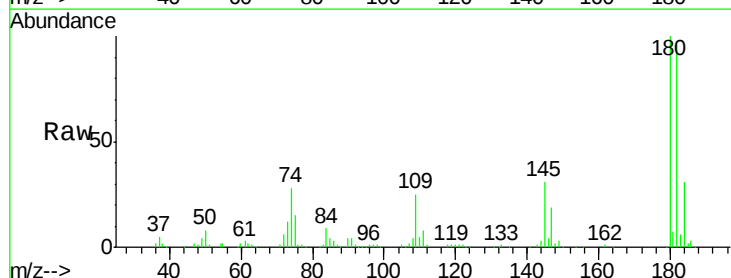
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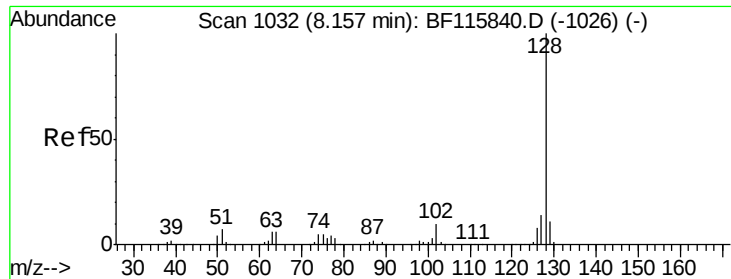
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.751 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	268041		
182	95.7	75.7	113.5	
145	30.9	24.3	36.5	





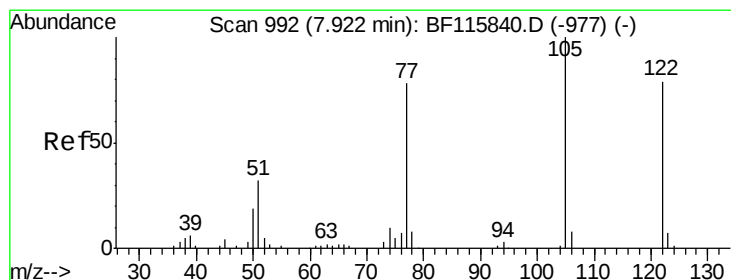
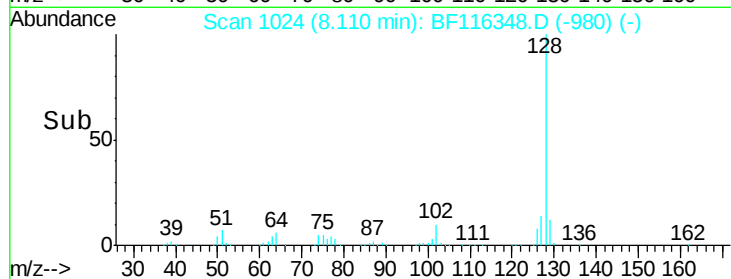
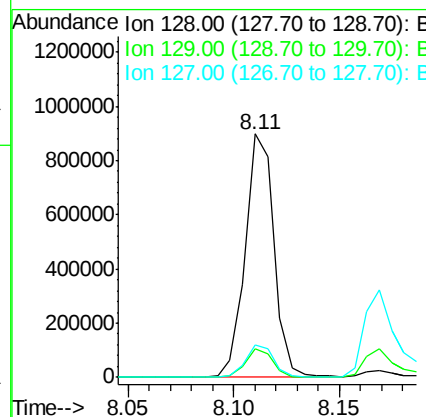
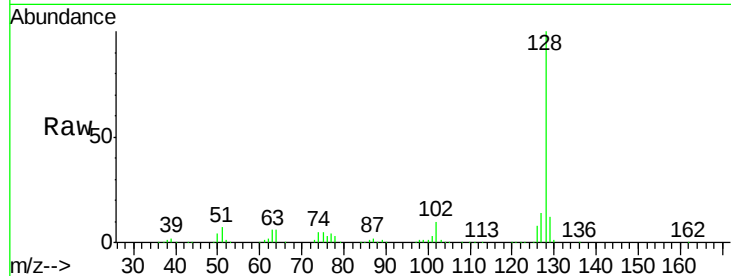
#31
Naphthalene
Concen: 43.660 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.5	11.4	17.0

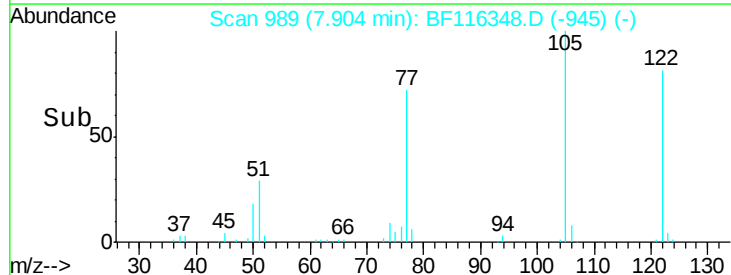
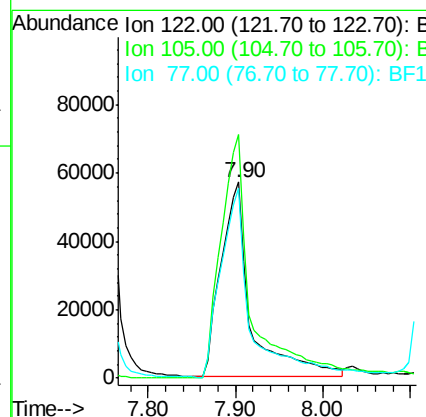
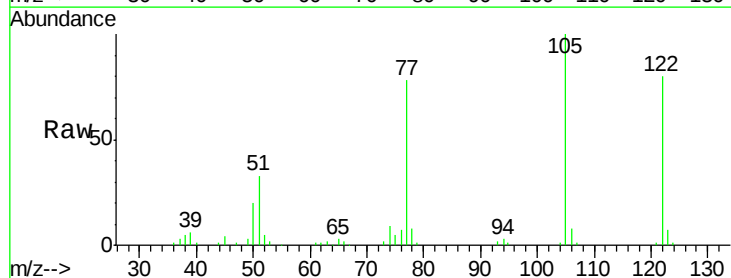
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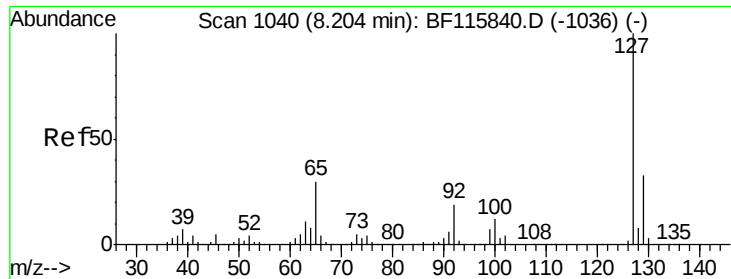
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#32
Benzoic acid
Concen: 34.997 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	106.1	146.1
77	96.9	76.7	116.7





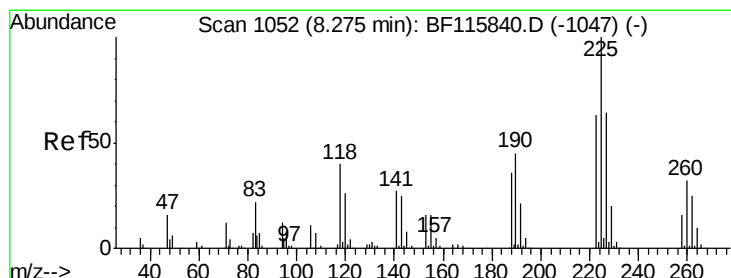
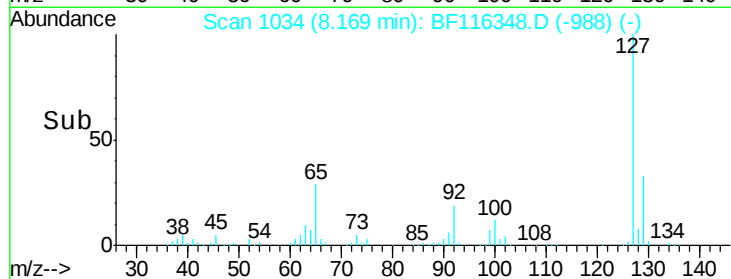
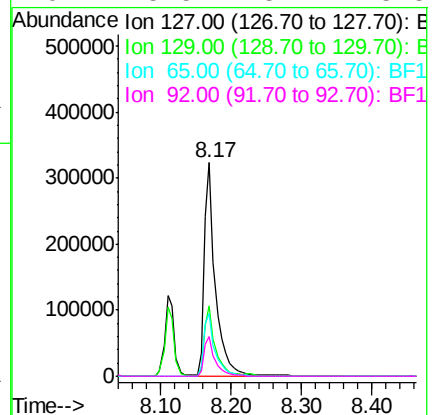
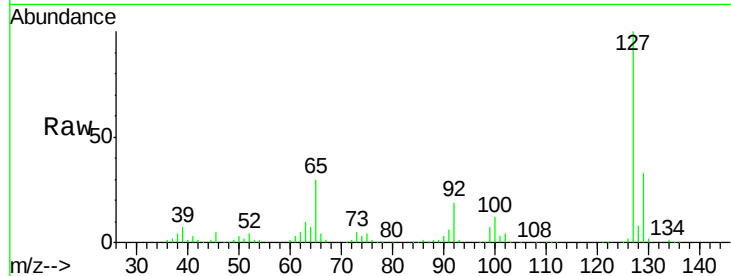
#33
 4-Chloroaniline
 Concen: 42.095 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.03 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100	364605		
129	32.7	26.1	39.1	
65	29.6	24.9	37.3	
92	18.5	15.7	23.5	

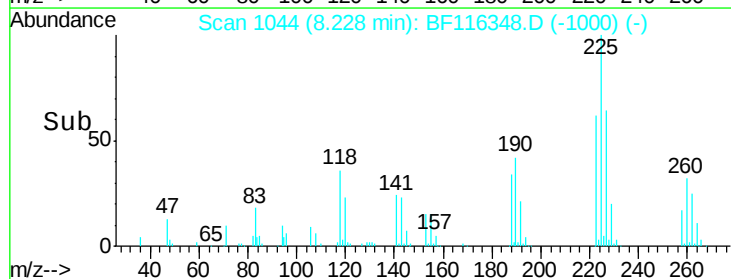
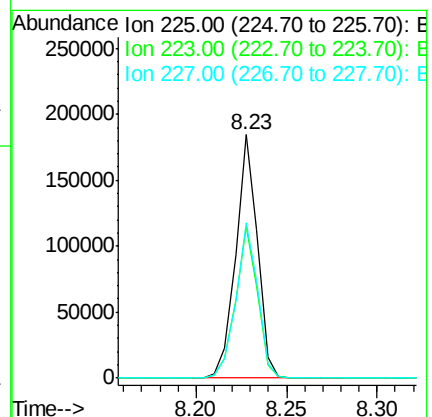
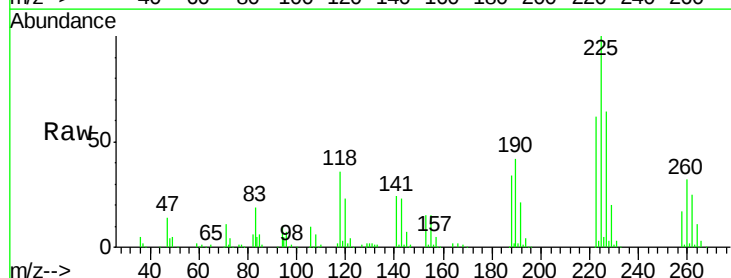
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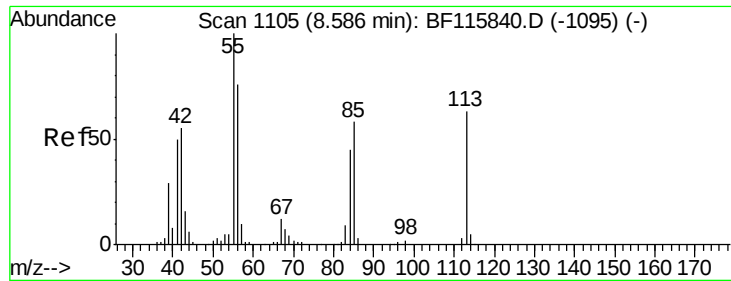
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#34
 Hexachlorobutadiene
 Concen: 40.631 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	153933		
223	62.3	50.0	75.0	
227	63.8	51.0	76.4	





#35

Caprolactam

Concen: 42.930 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.05 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

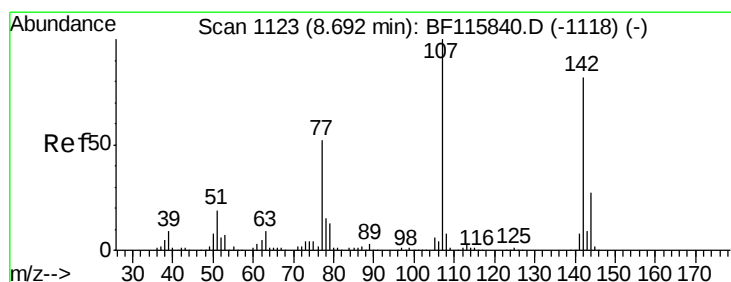
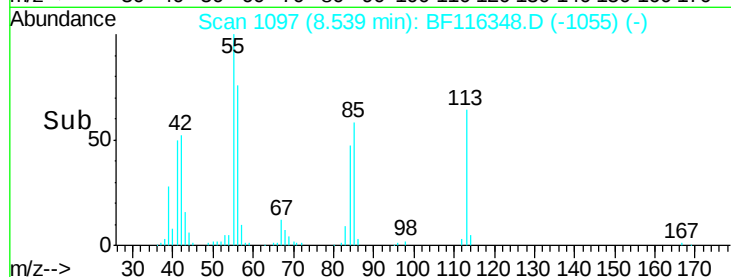
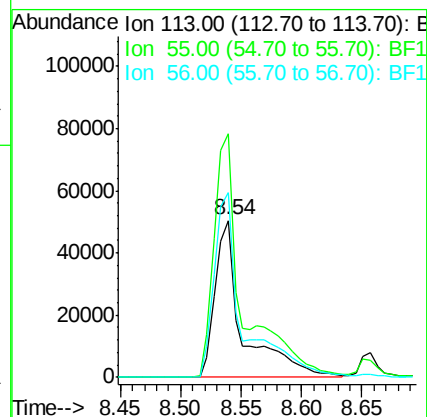
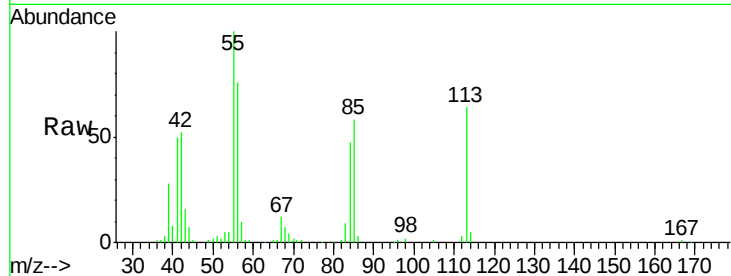
ClientSampled :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	155.5		144.3	184.3	
56	117.6		97.1	137.1	

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#36

4-Chloro-3-methylphenol

Concen: 43.937 ng

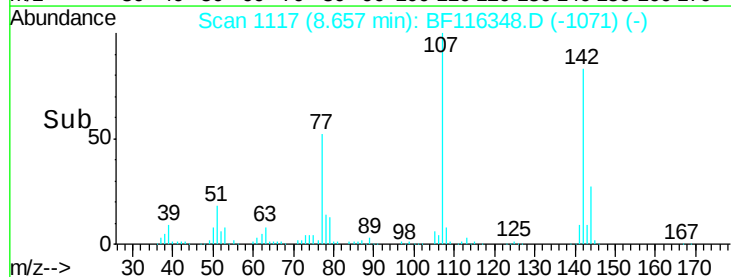
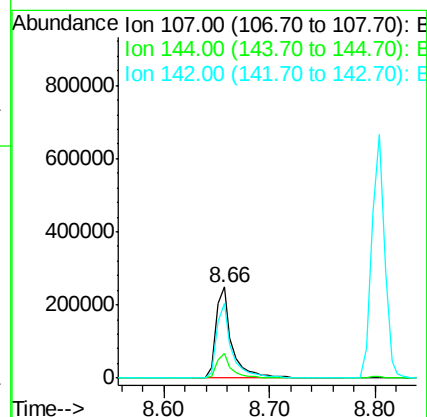
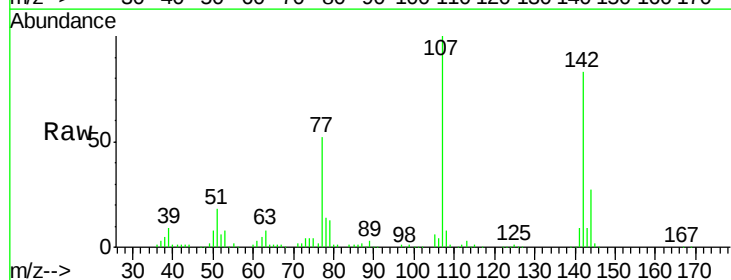
RT: 8.66 min Scan# 1117

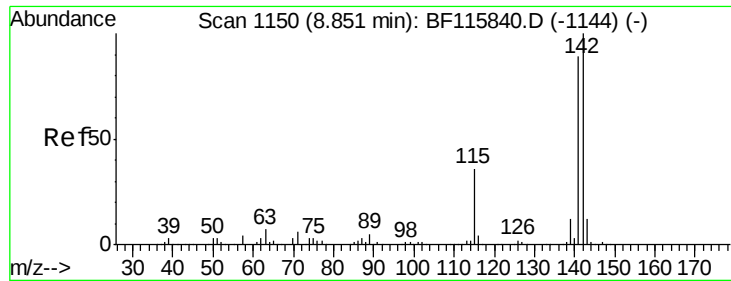
Delta R.T. -0.03 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.0		20.2	30.2	
142	82.8		61.7	92.5	





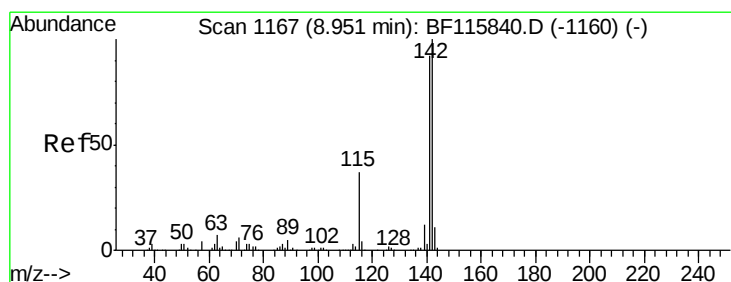
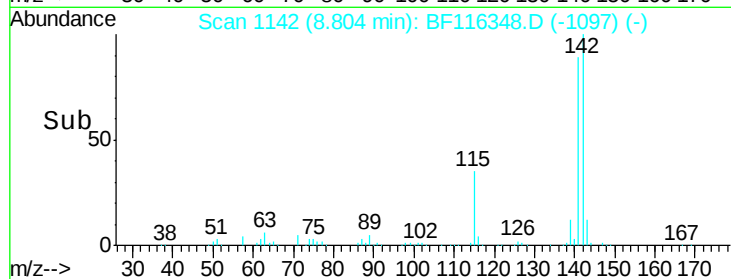
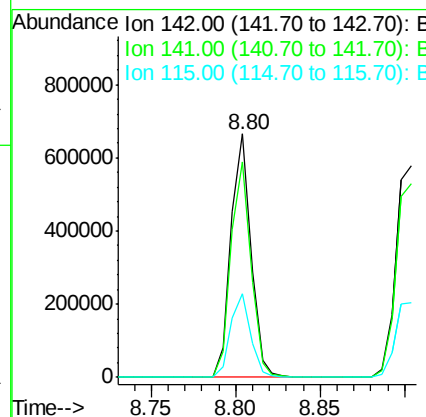
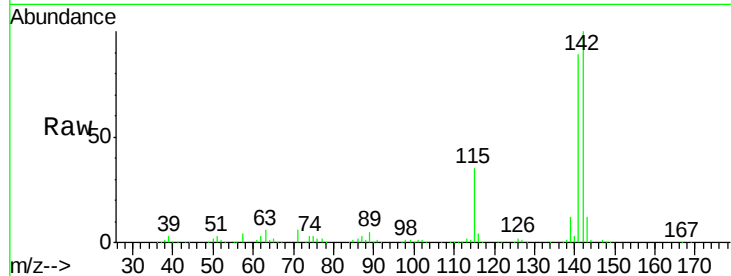
#37
2-Methylnaphthalene
Concen: 42.995 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	548914		
141	88.6	70.9	106.3	
115	34.6	29.0	43.6	

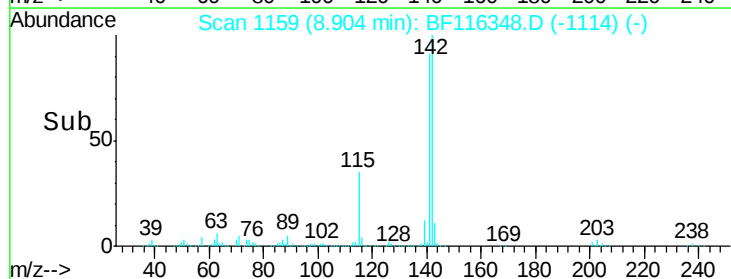
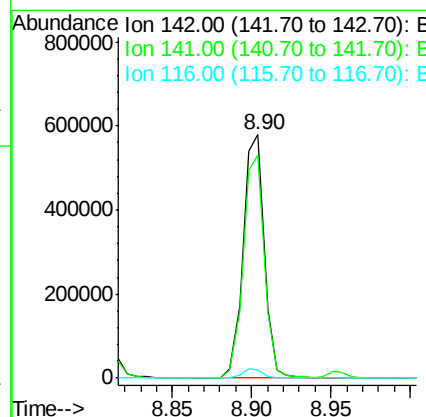
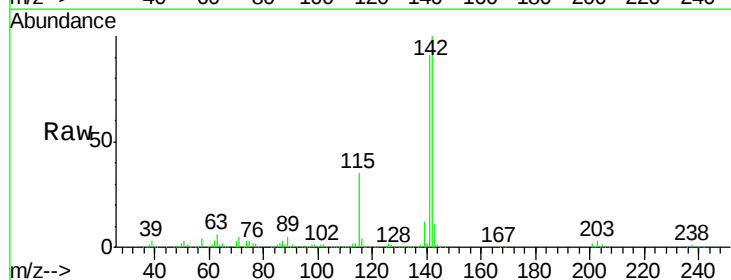
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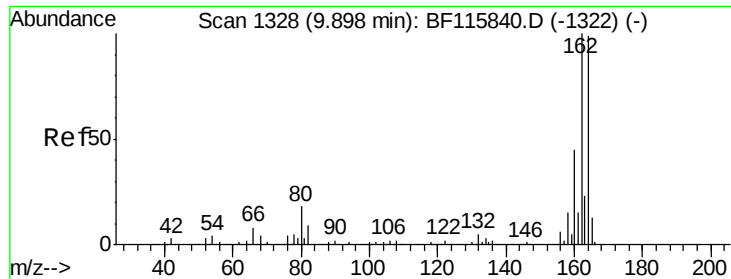
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#38
1-Methylnaphthalene
Concen: 43.999 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	531415		
141	91.4	74.4	111.6	
116	3.5	3.1	4.7	





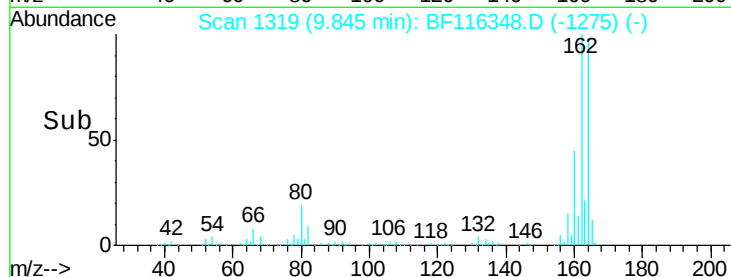
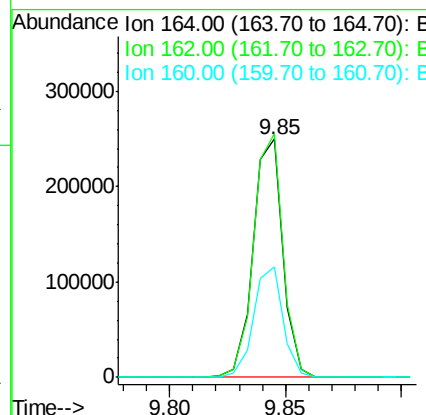
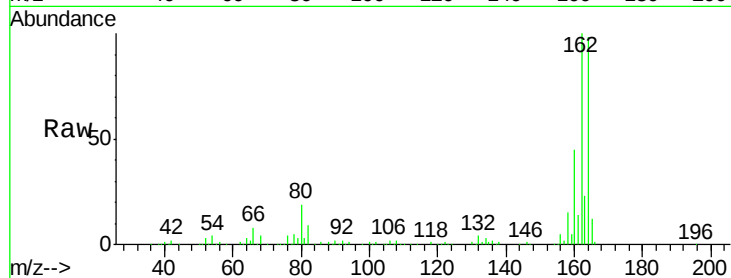
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	82.6	124.0	
160	46.2	37.6	56.4	

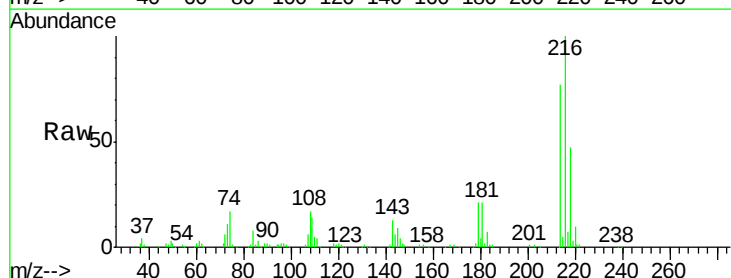
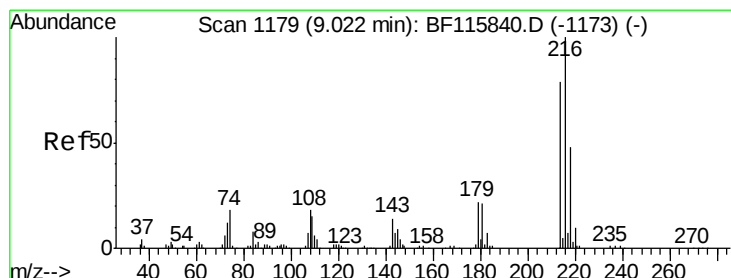
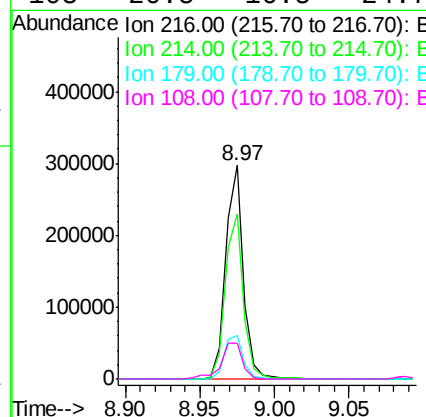
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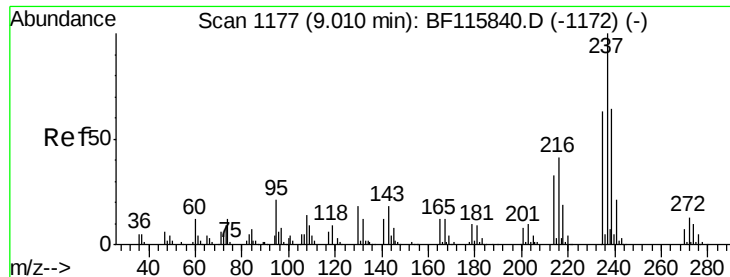
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.383 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.6	95.4	
179	21.9	17.8	26.8	
108	20.5	16.5	24.7	





#41

Hexachlorocyclopentadiene

Concen: 39.891 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

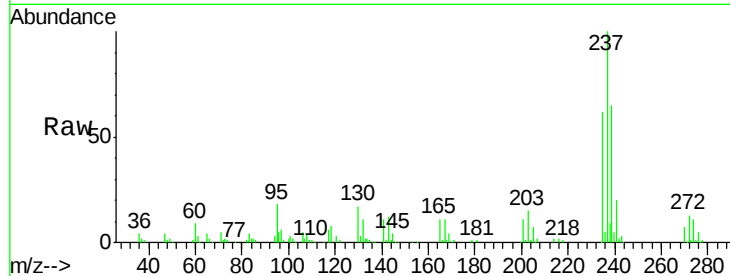
ClientSampleId :

SSTDCCC040

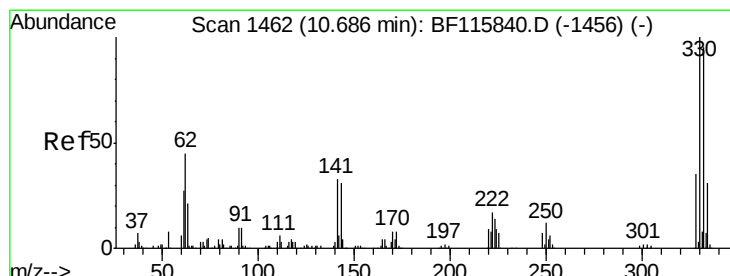
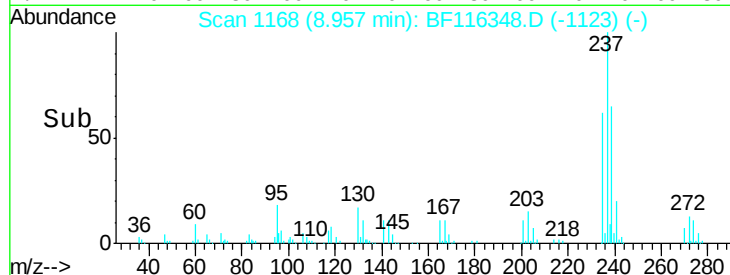
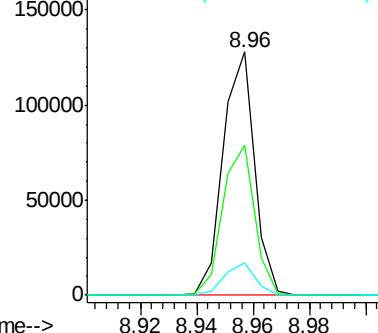
Tot Ion:	237	Resp:	98893
Ion Ratio	Lower	Upper	
237	100		
235	61.6	43.4	83.4
272	13.5	0.0	33.2

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



#42

2,4,6-Tribromophenol

Concen: 80.714 ng

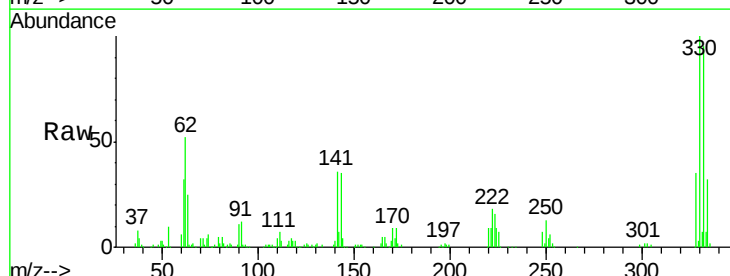
RT: 10.63 min Scan# 1453

Delta R.T. -0.04 min

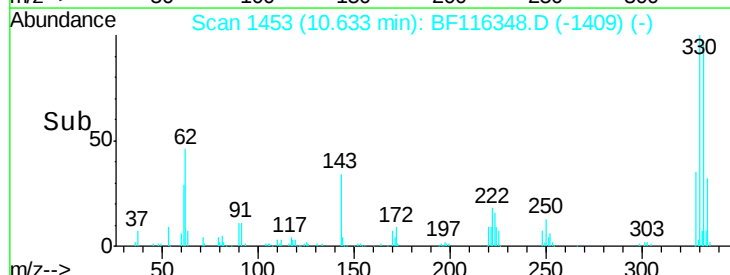
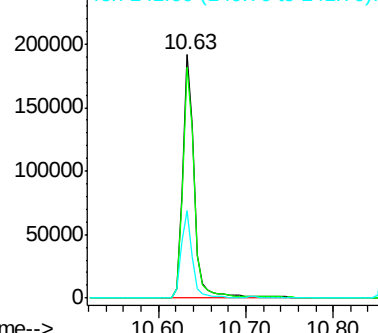
Lab File: BF116348.D

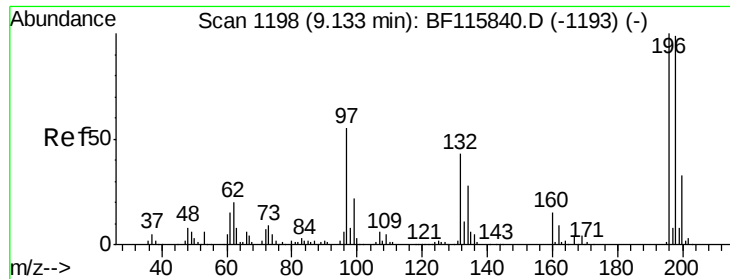
Acq: 17 Aug 2019 11:04

Tgt Ion:	330	Resp:	175770
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.8	115.2
141	34.6	26.3	39.5



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





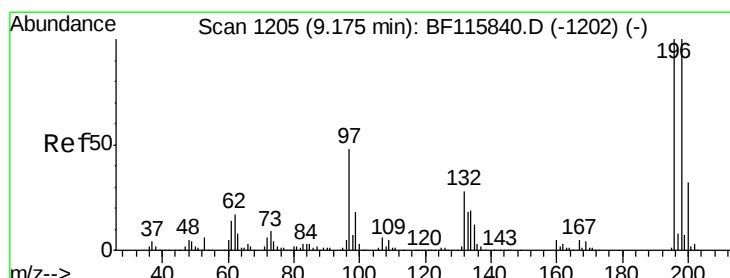
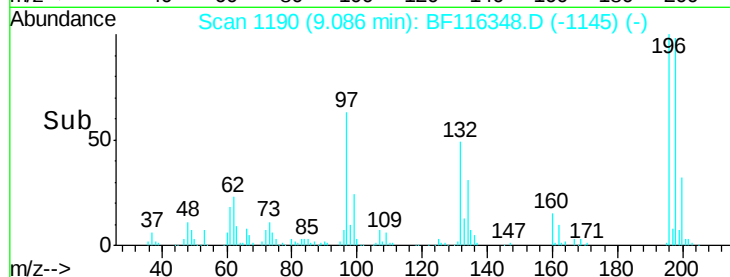
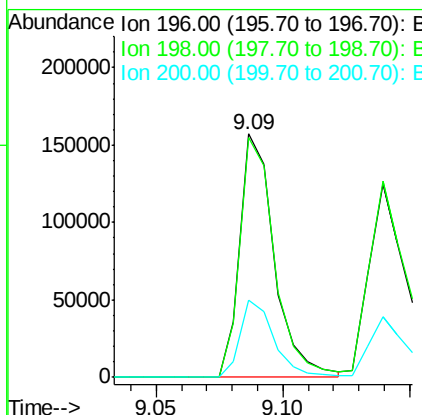
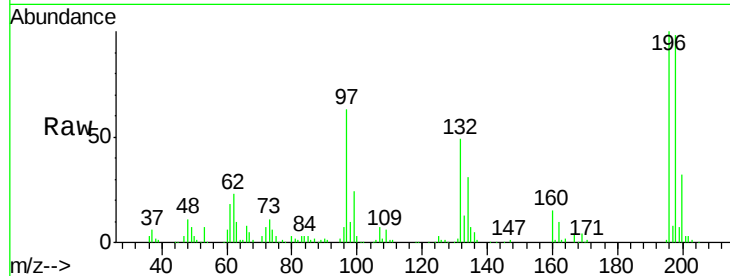
#43
 2,4,6-Trichlorophenol
 Concen: 36.202 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	149628		
198	98.2	79.2	118.8	
200	31.8	25.2	37.8	

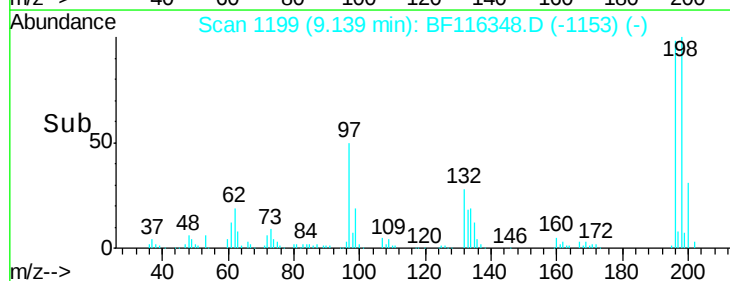
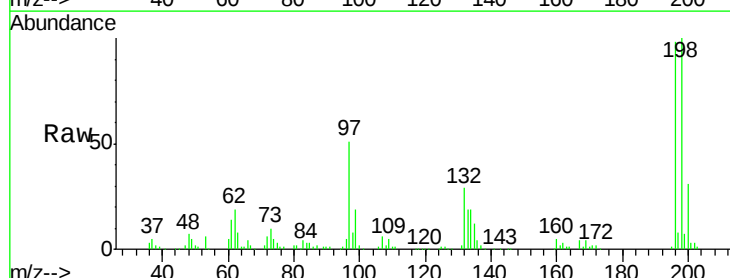
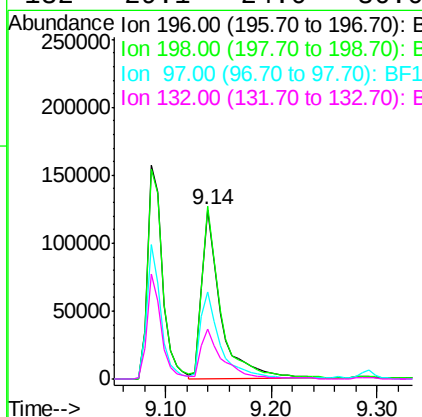
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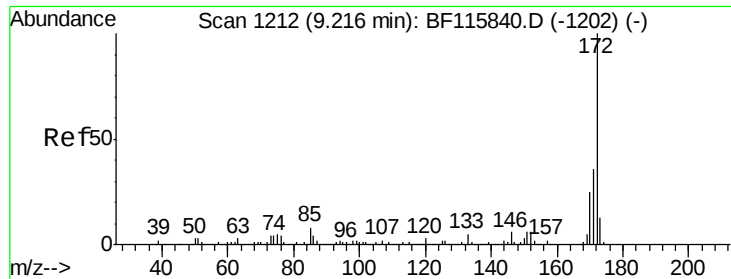
Jagrut
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#44
 2,4,5-Trichlorophenol
 Concen: 35.982 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	153732		
198	101.8	78.8	118.2	
97	51.5	42.2	63.4	
132	29.1	24.0	36.0	





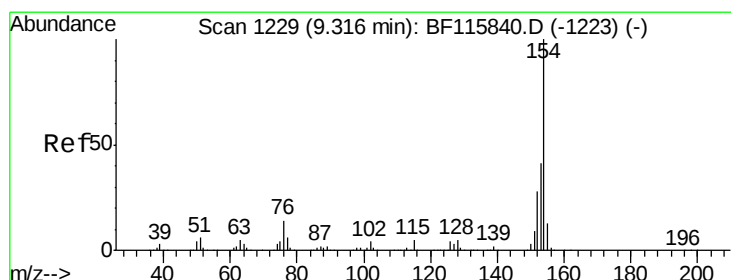
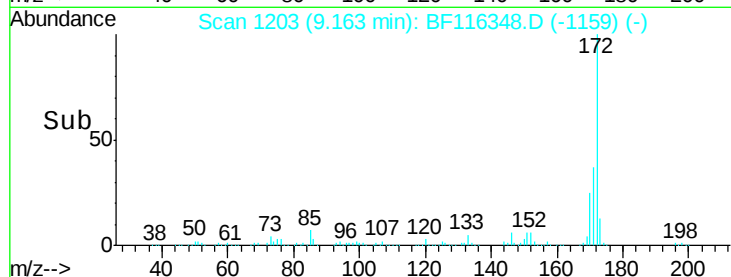
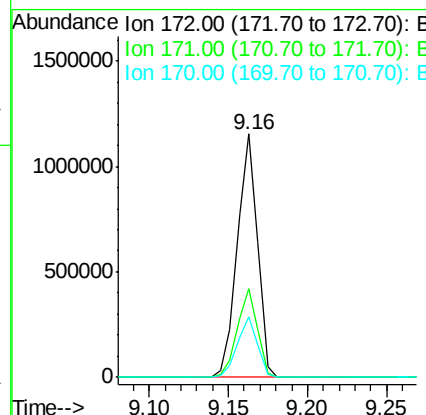
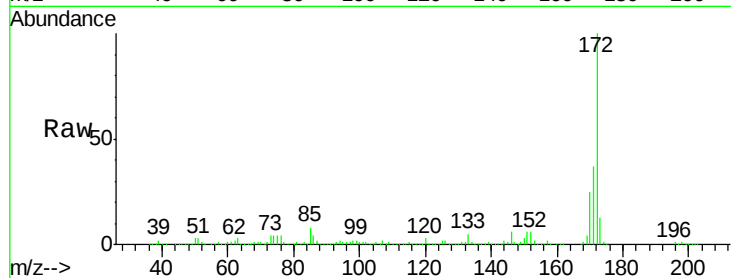
#45
2-Fluorobiphenyl
Concen: 85.144 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	25.1	20.1	30.1

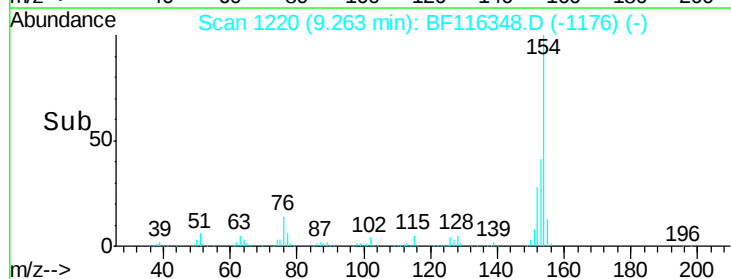
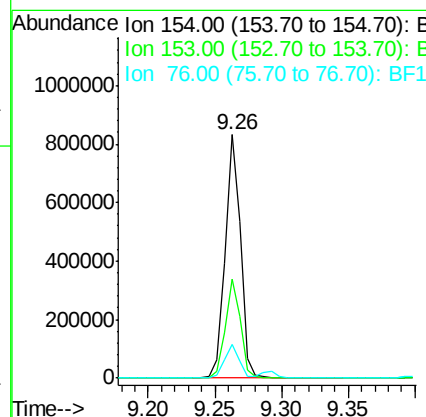
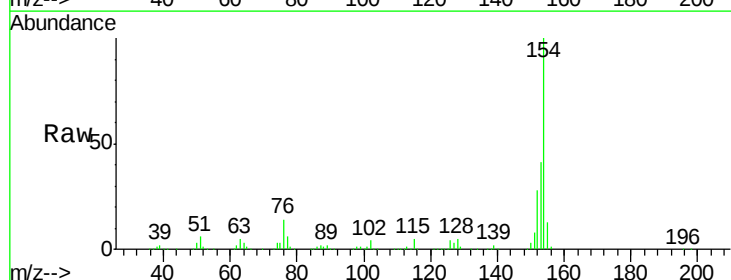
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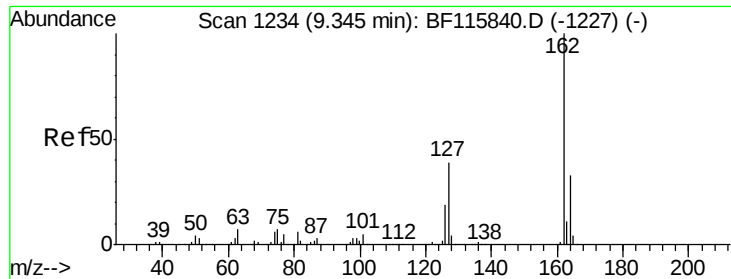
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#46
1,1'-Biphenyl
Concen: 42.716 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.4	61.4
76	14.0	0.0	35.2





#47

2-Chloronaphthalene

Concen: 41.363 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

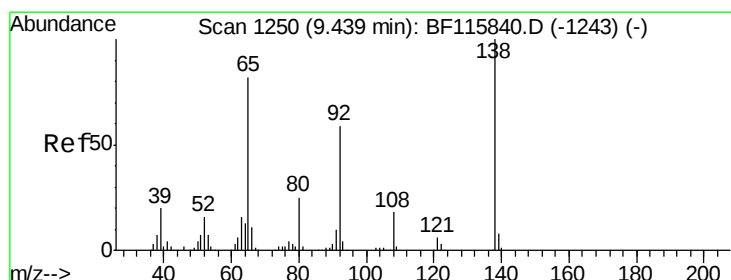
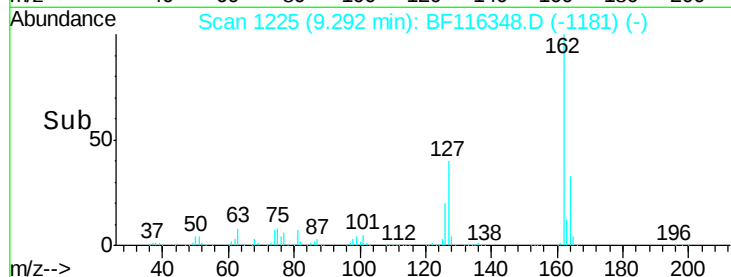
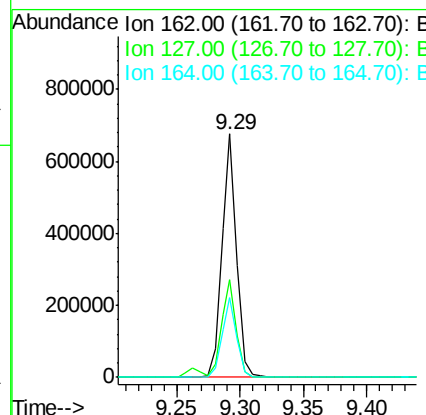
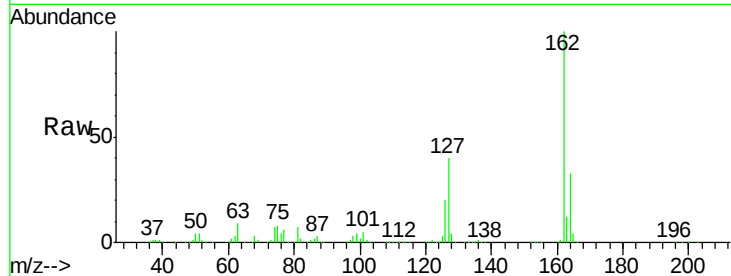
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	545913
Ion Ratio	Lower	Upper	
162	100		
127	40.2	32.8	49.2
164	33.0	26.6	39.8

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#48

2-Nitroaniline

Concen: 42.167 ng

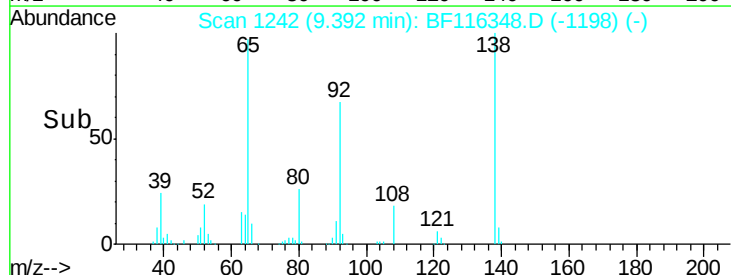
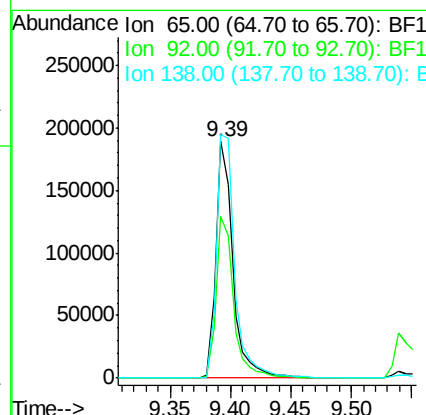
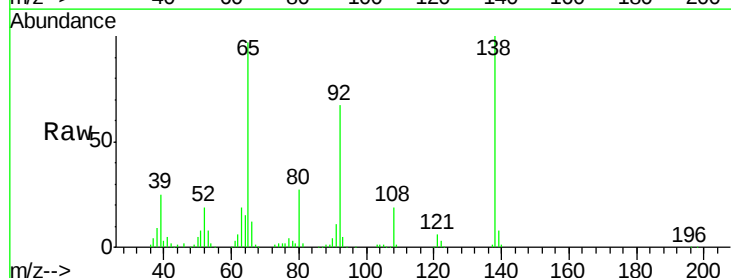
RT: 9.39 min Scan# 1242

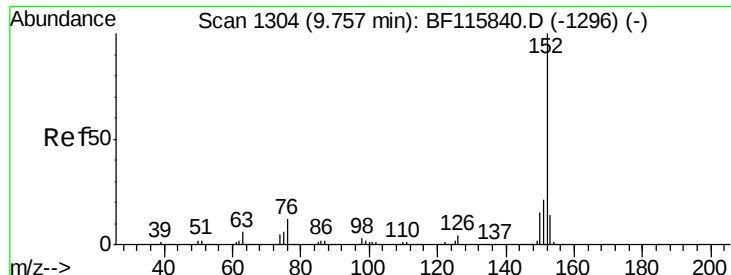
Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Tgt Ion:	65	Resp:	183955
Ion Ratio	Lower	Upper	
65	100		
92	68.6	57.8	86.8
138	102.8	94.0	141.0





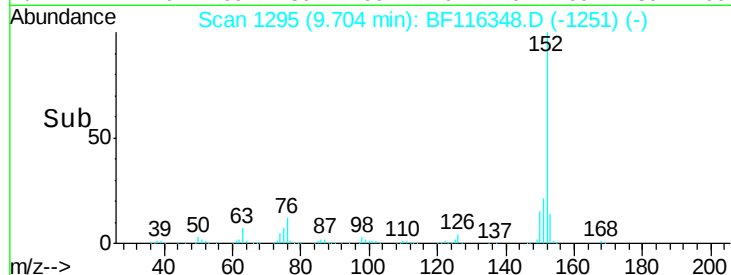
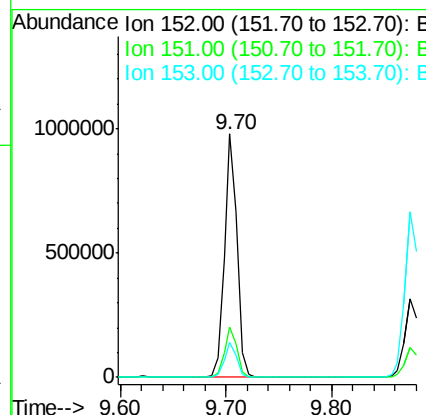
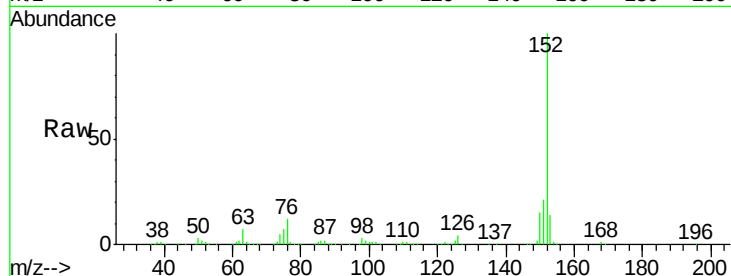
#49
Acenaphthylene
Concen: 42.990 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.2	25.8
153	14.2	11.8	17.8

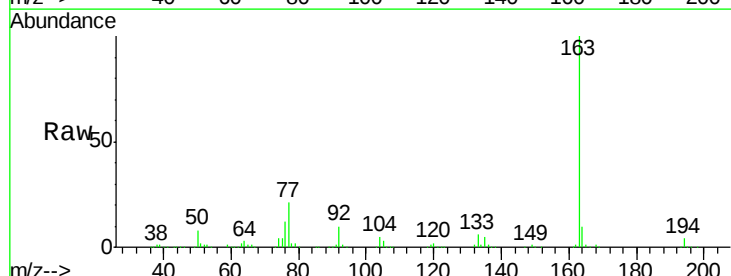
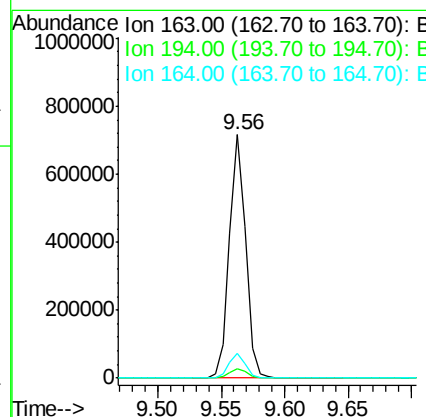
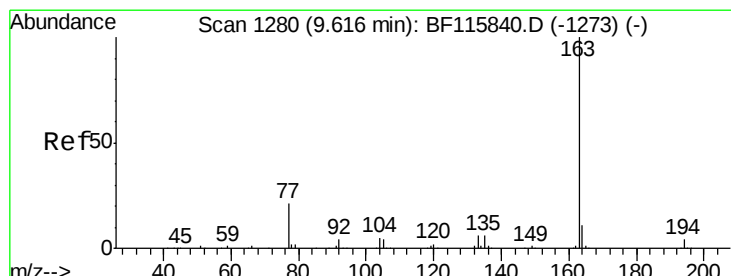
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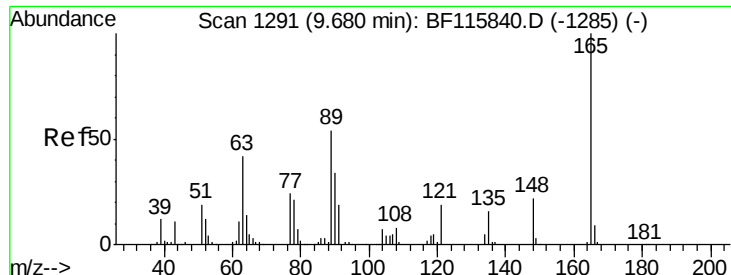
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#50
Dimethylphthalate
Concen: 41.779 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.3	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 42.639 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

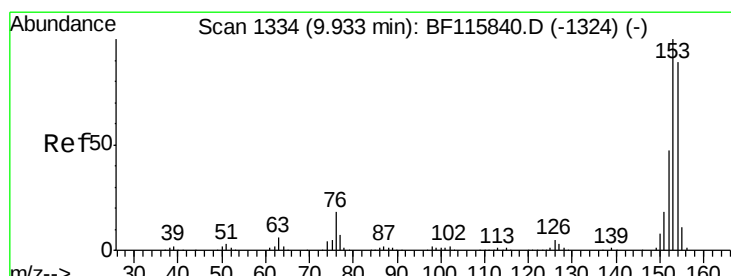
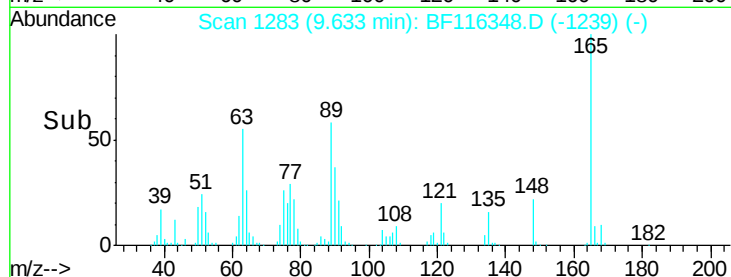
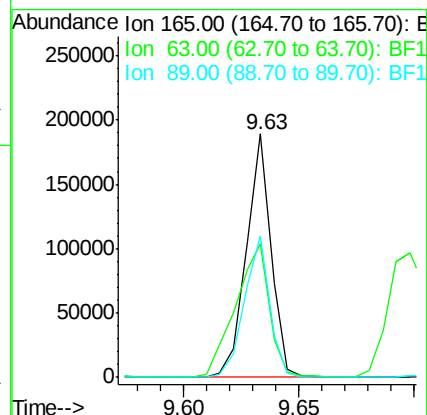
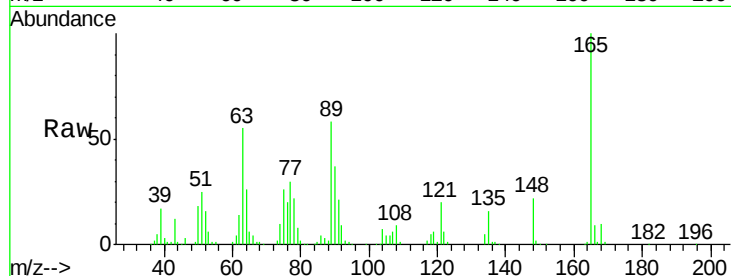
ClientSampled :

SSTDCCC040

Tot Ion:	165	Resp:	141713
Ion Ratio	Lower	Upper	
165	100		
63	54.7	38.2	57.2
89	57.9	42.9	64.3

Manual Integrations
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#52

Acenaphthene

Concen: 42.948 ng

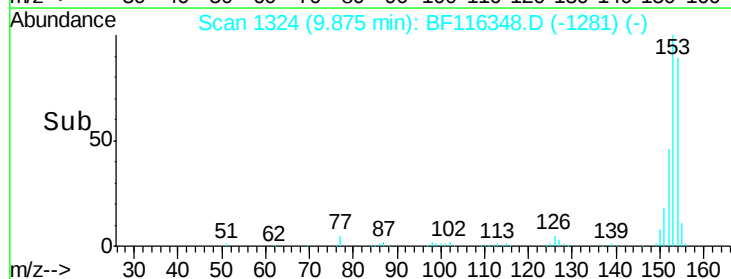
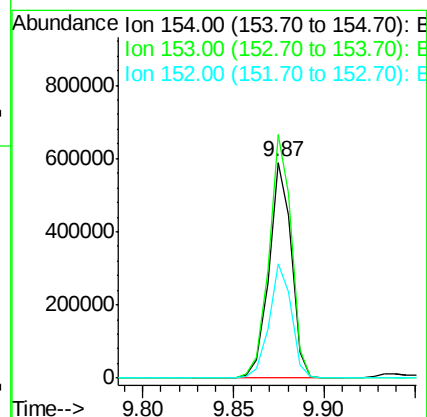
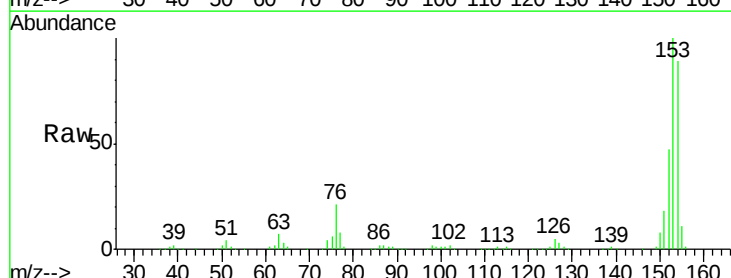
RT: 9.87 min Scan# 1324

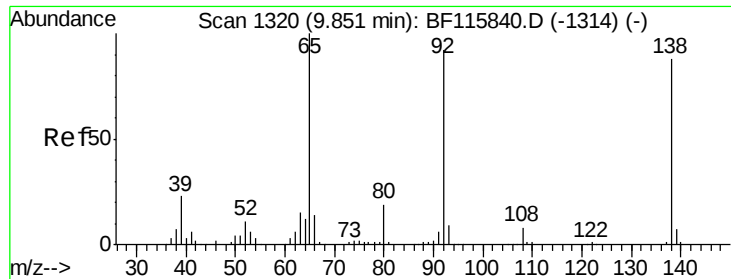
Delta R.T. -0.05 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Tgt Ion:	154	Resp:	507328
Ion Ratio	Lower	Upper	
154	100		
153	112.8	89.4	134.0
152	53.2	42.3	63.5





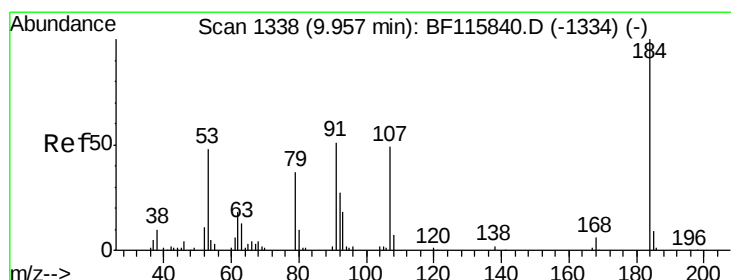
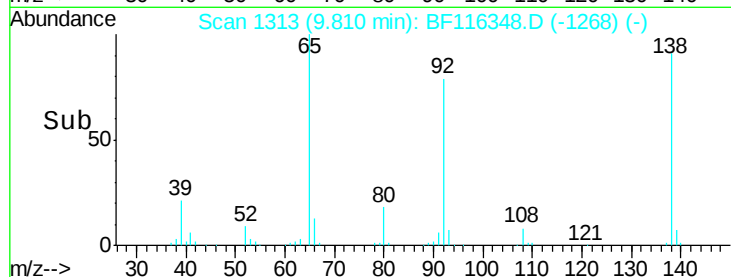
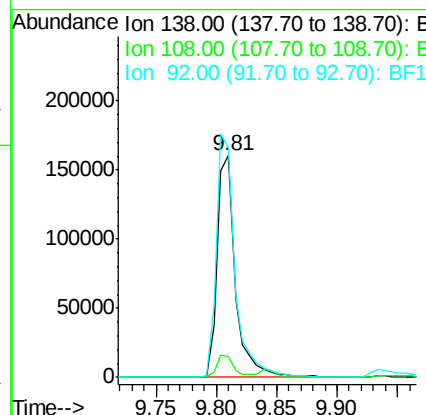
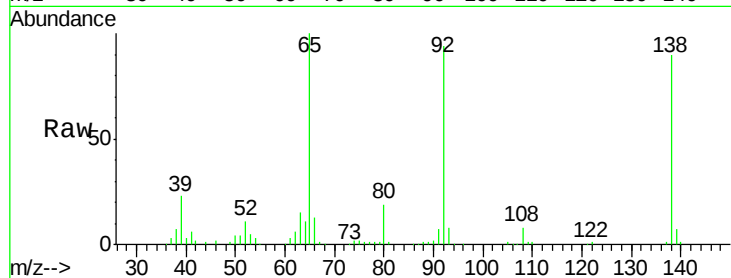
#53
3-Nitroaniline
Concen: 40.670 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	167020		
108	9.2	8.0	12.0	
92	103.9	91.0	136.6	

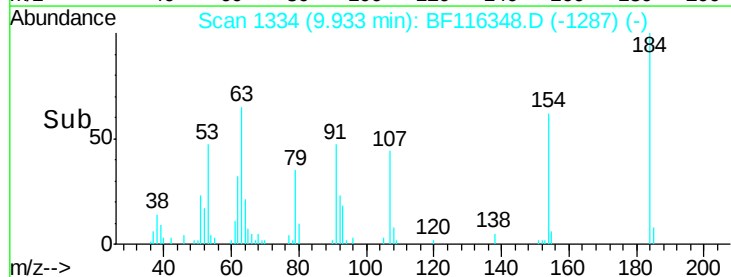
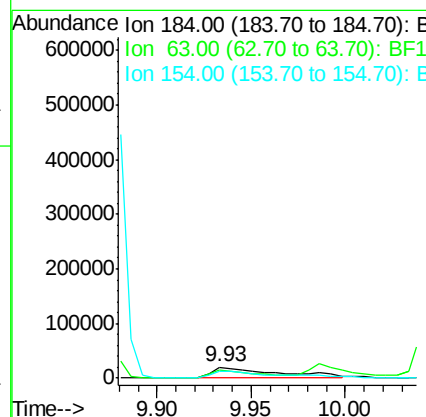
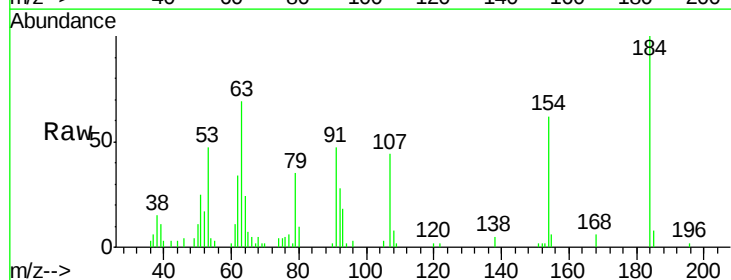
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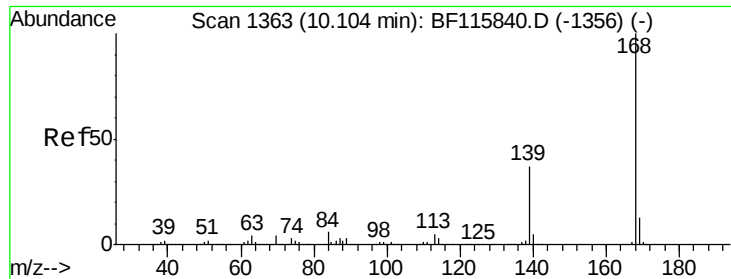
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#54
2,4-Dinitrophenol
Concen: 33.315 ng m
RT: 9.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	47776		
63	69.3	53.0	79.4	
154	62.1	50.1	75.1	





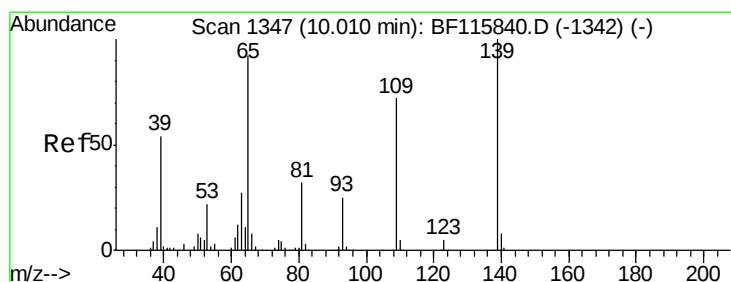
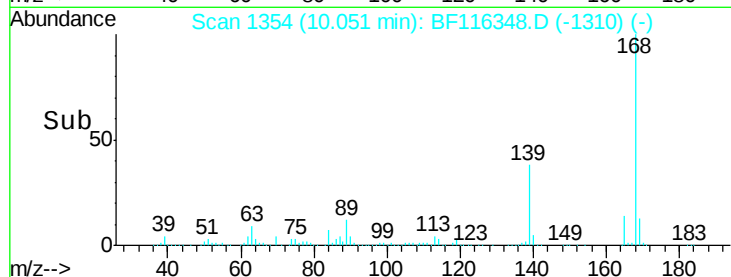
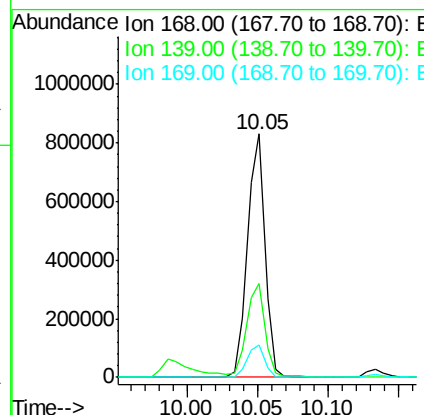
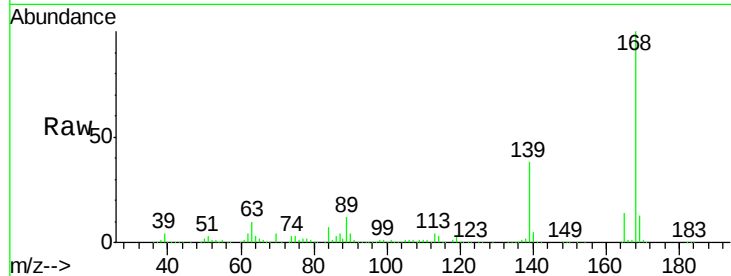
#55
Dibenzenofuran
Concen: 41.612 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.4	47.2
169	13.3	10.9	16.3

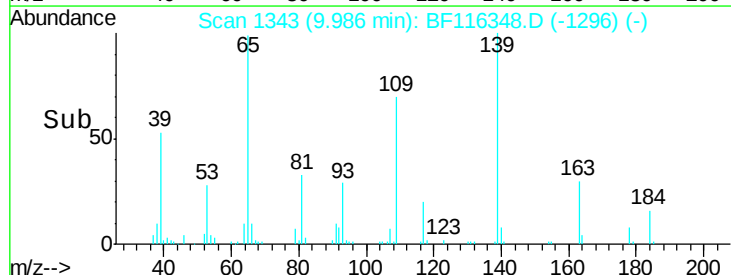
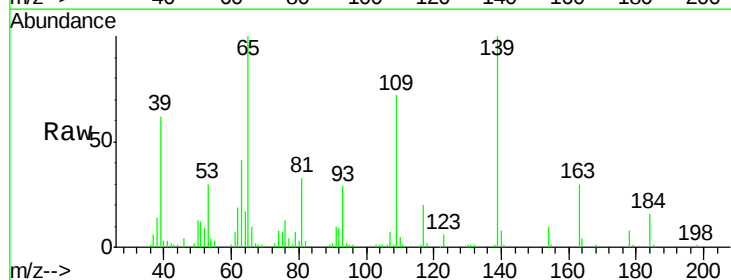
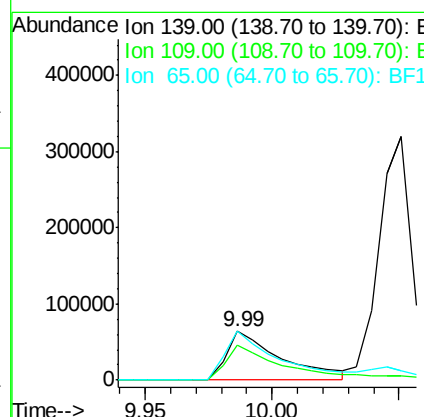
Manual Integrations
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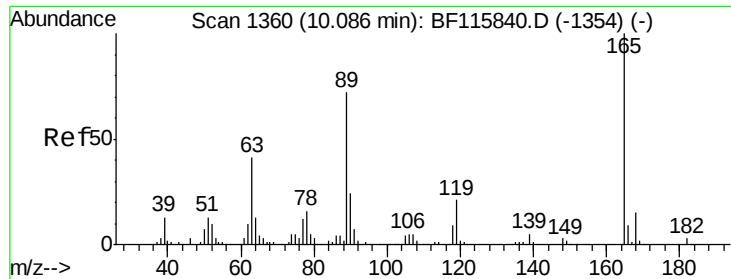
Jagrut
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#56
4-Nitrophenol
Concen: 35.786 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.5	54.4	94.4
65	99.9	80.6	120.6





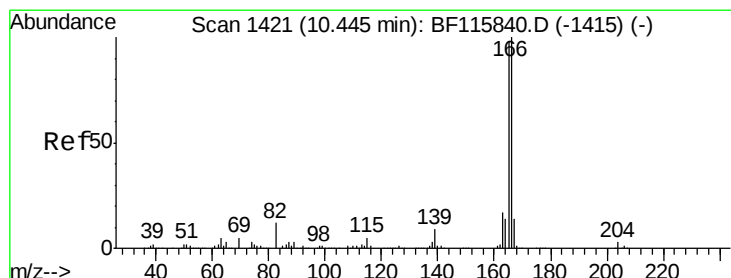
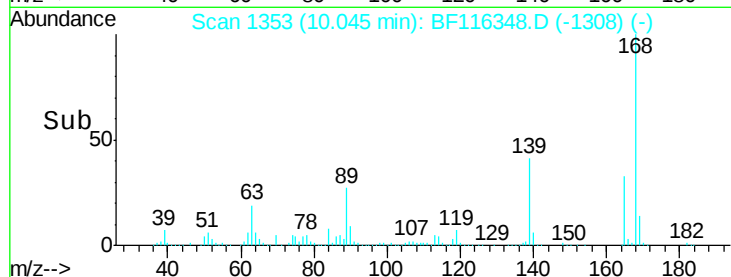
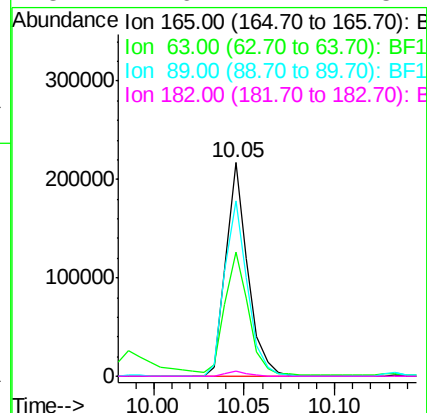
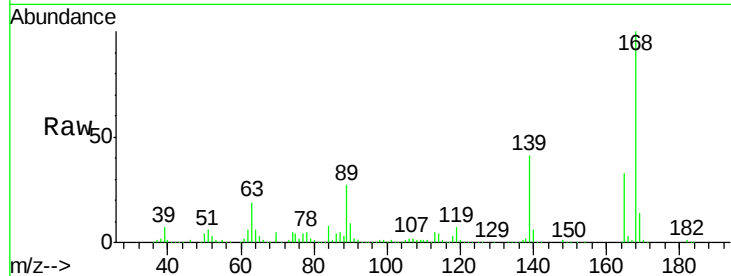
#57
2,4-Dinitrotoluene
Concen: 41.062 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		181704		
63	58.3		39.6	59.4	
89	82.2		62.2	93.2	
182	2.6		2.1	3.1	

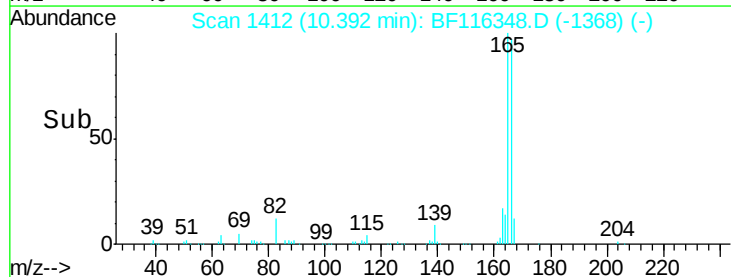
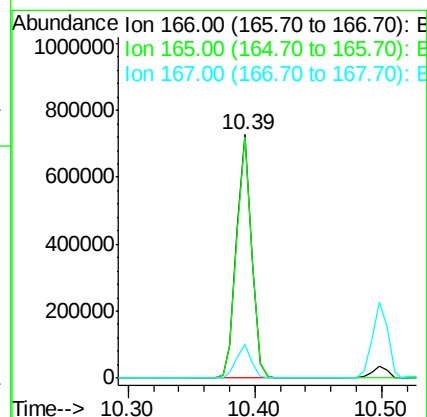
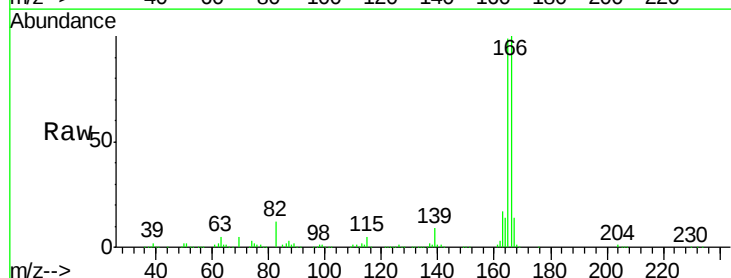
Manual Integrations
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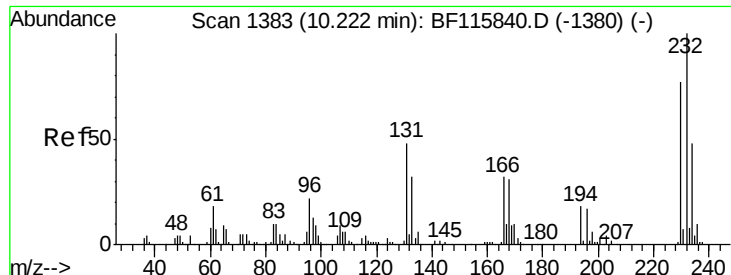
Jagrut
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#58
Fluorene
Concen: 45.016 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		594965		
165	98.8		78.4	117.6	
167	13.8		11.0	16.4	





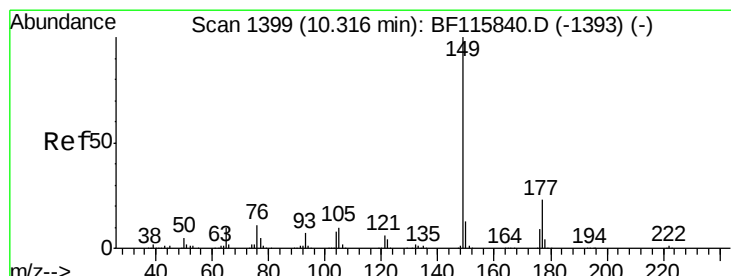
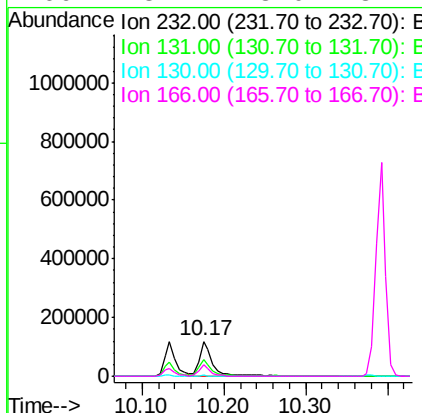
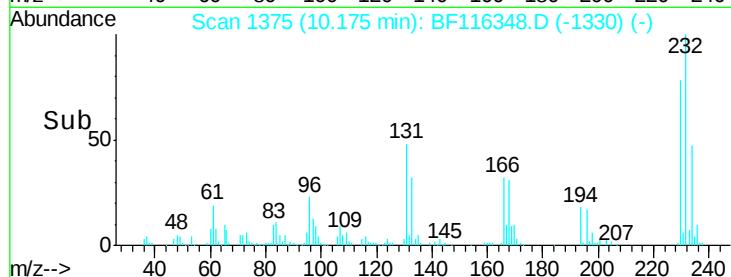
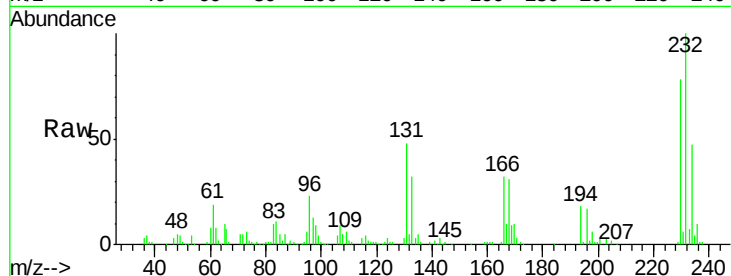
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.928 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	132739		
131	44.9	36.2	54.2	
130	2.4	1.9	2.9	
166	28.1	23.0	34.4	

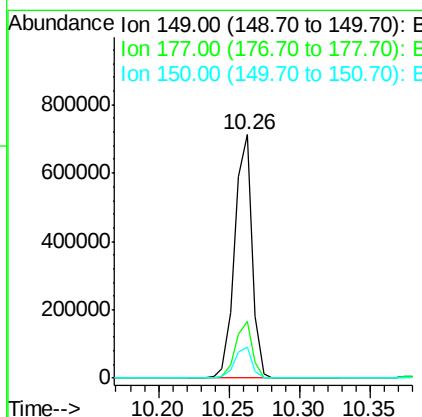
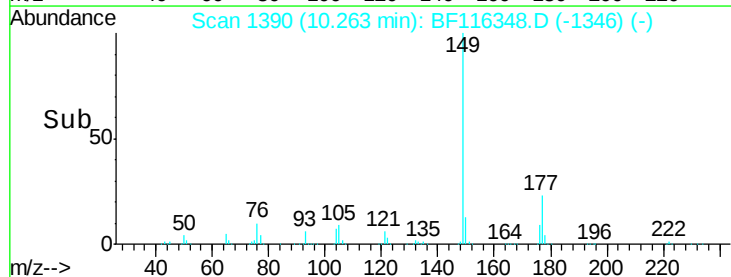
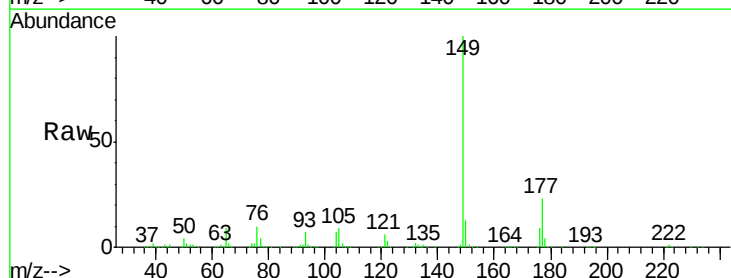
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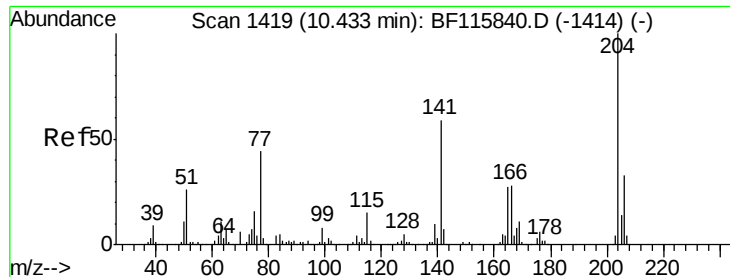
Jagrut
 8/19/2019 3:30:54 PM



#60
 Diethylphthalate
 Concen: 42.719 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	609966		
177	23.4	18.8	28.2	
150	12.6	10.2	15.4	





#61

4-Chlorophenyl-phenylether

Concen: 44.449 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

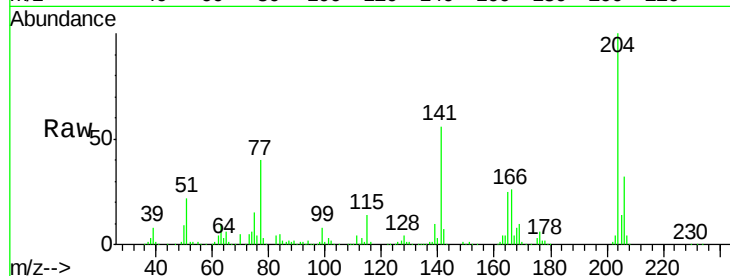
ClientSampled :

SSTDCCC040

Tot Ion:	204	Resp:	297527
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.4	39.6
141	56.2	46.4	69.6

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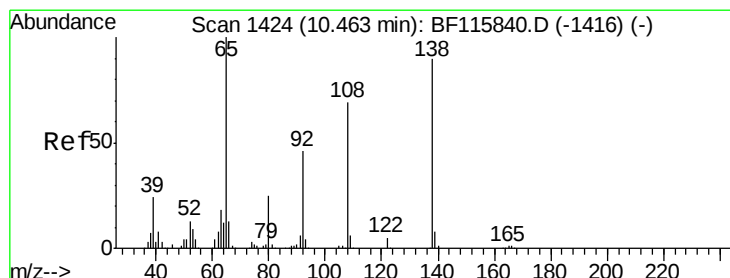
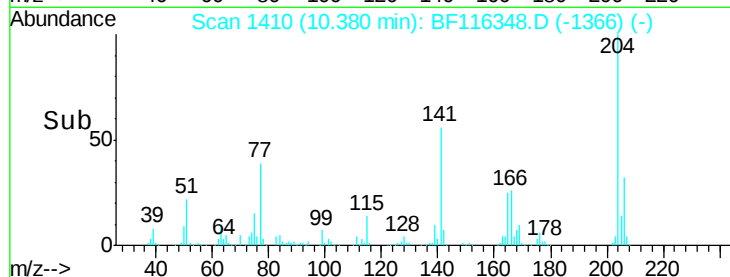
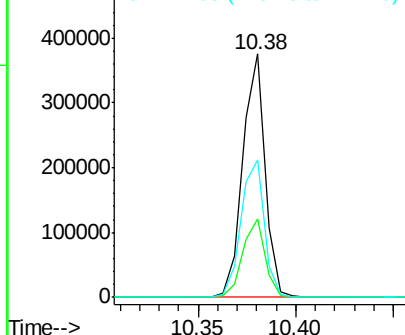


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 39.941 ng

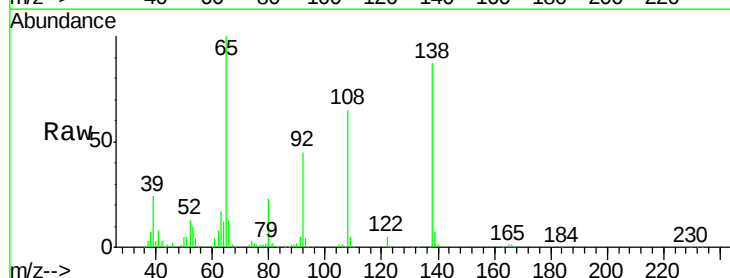
RT: 10.42 min Scan# 1417

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Tgt Ion:	138	Resp:	169512
Ion Ratio	Lower	Upper	
138	100		
92	51.4	29.0	69.0
108	75.3	54.7	94.7

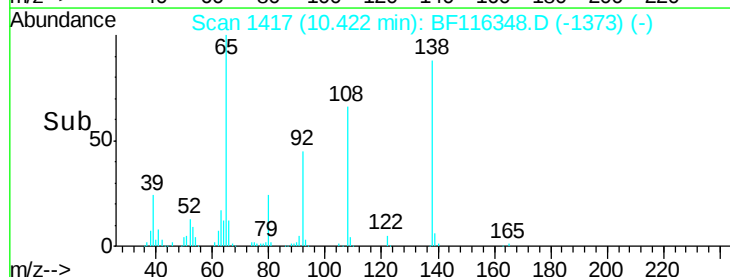
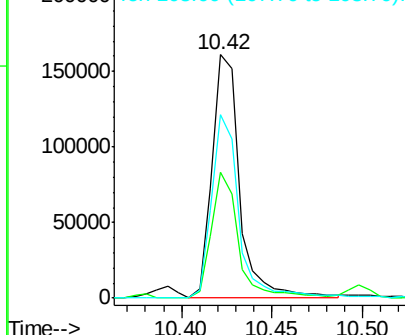


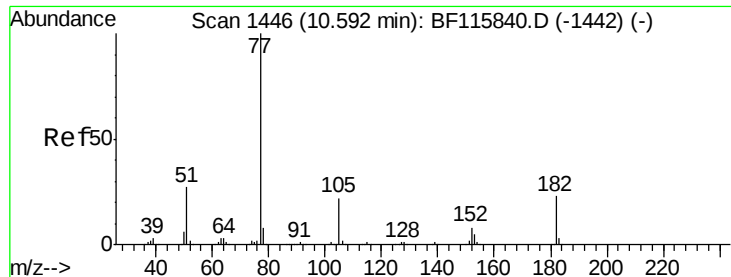
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.011 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

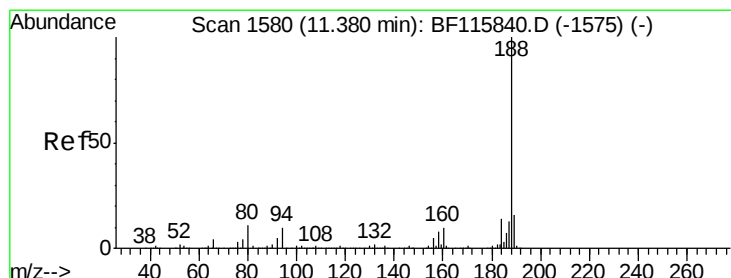
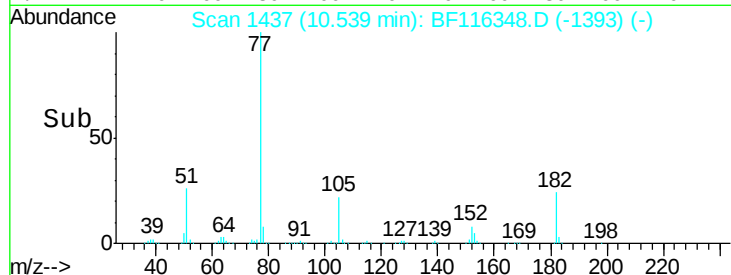
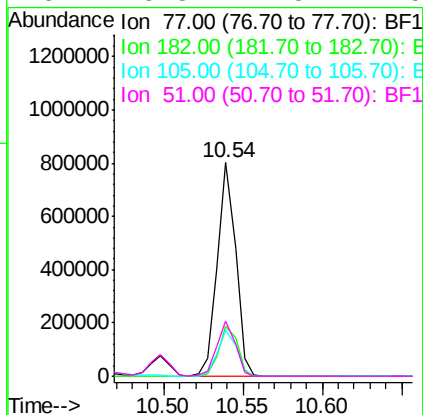
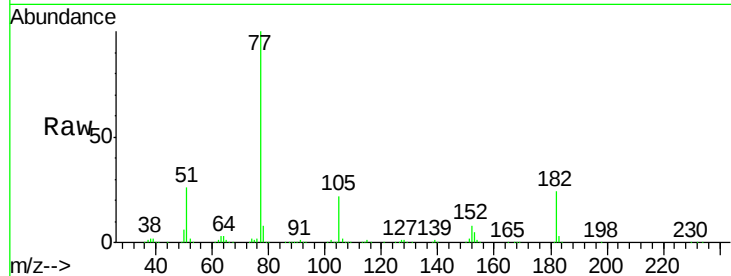
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.5	4.0	44.0	
105	21.8	2.0	42.0	
51	25.8	7.5	47.5	

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#64

Phenanthrene-d10

Concen: 20.000 ng

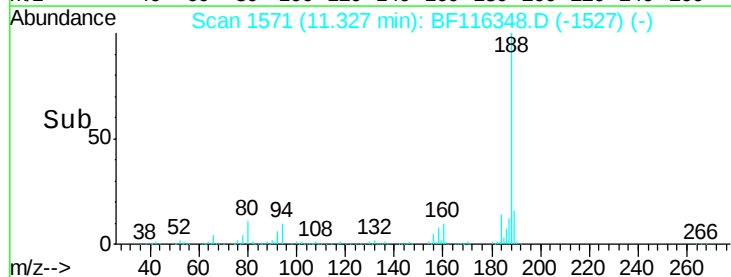
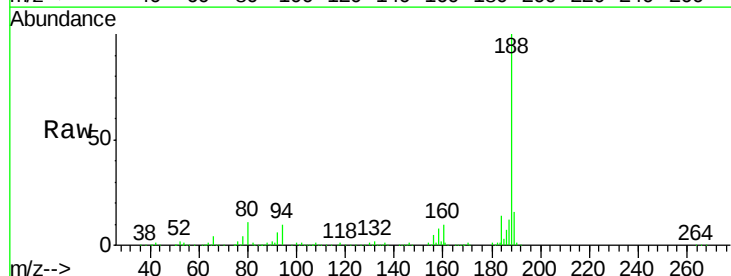
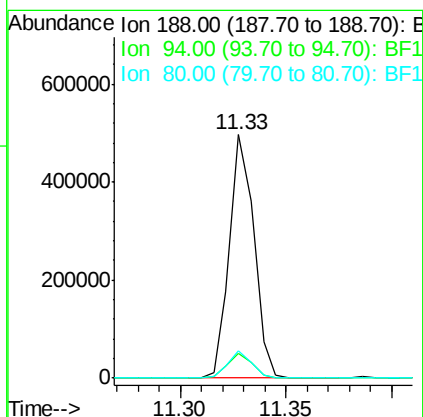
RT: 11.33 min Scan# 1571

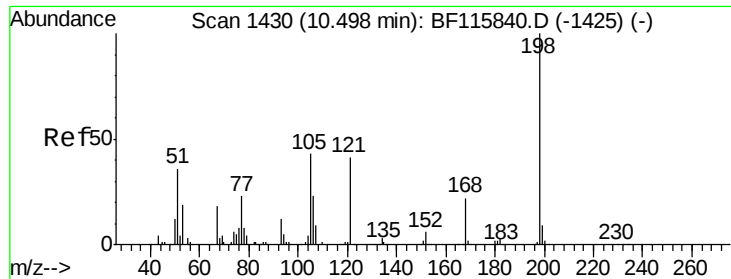
Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.3	8.1	12.1	
80	11.3	8.7	13.1	





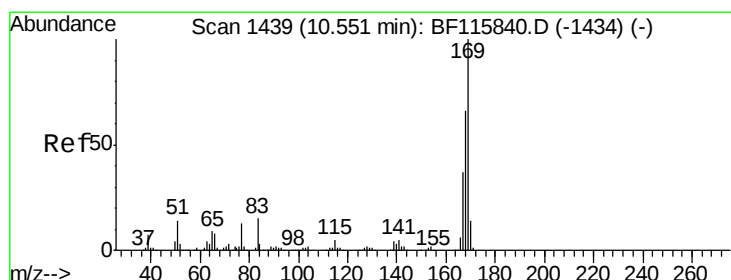
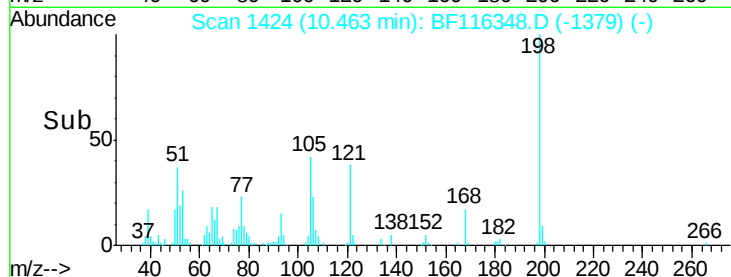
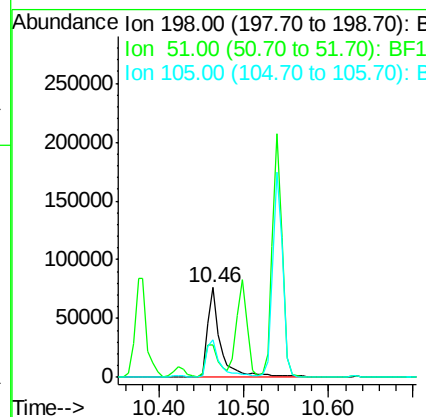
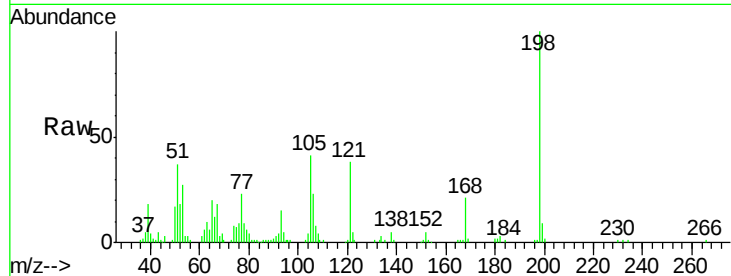
#65
4,6-Dinitro-2-methylphenol
Concen: 39.351 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	83486		
51	36.8	17.0	57.0	
105	41.1	21.6	61.6	

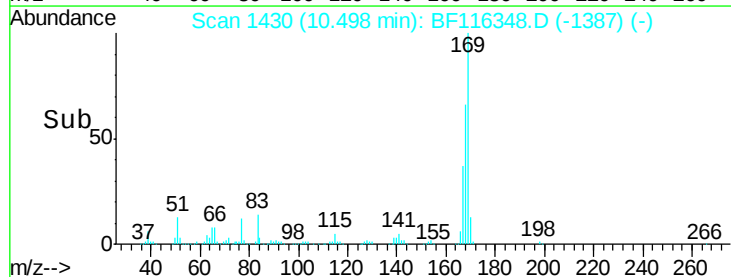
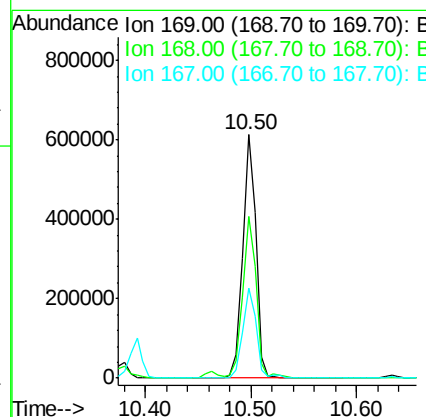
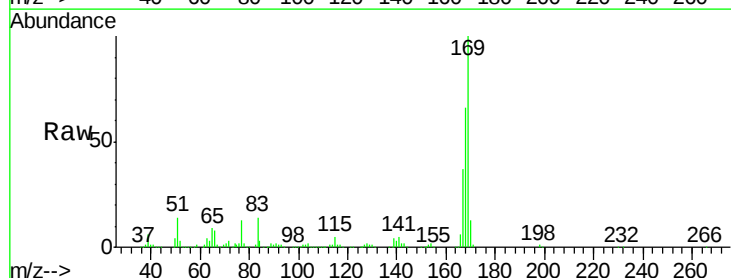
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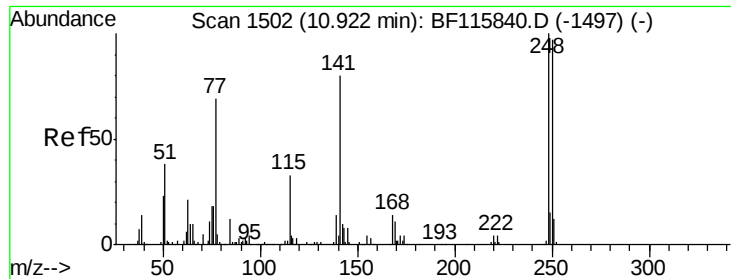
Jagrut
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#66
n-Nitrosodiphenylamine
Concen: 43.043 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.05 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	518674		
168	66.3	53.8	80.6	
167	37.1	29.6	44.4	





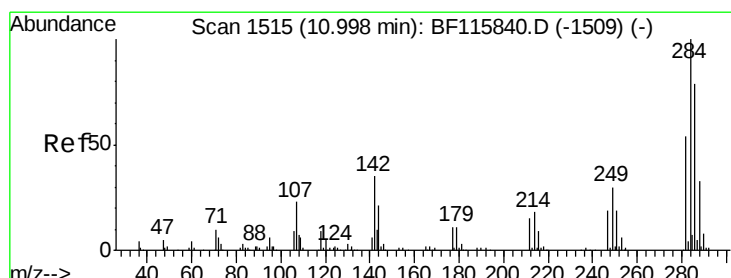
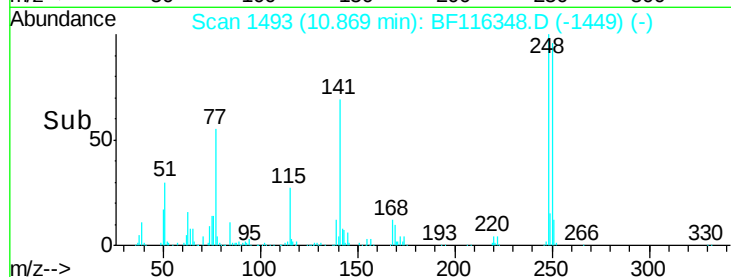
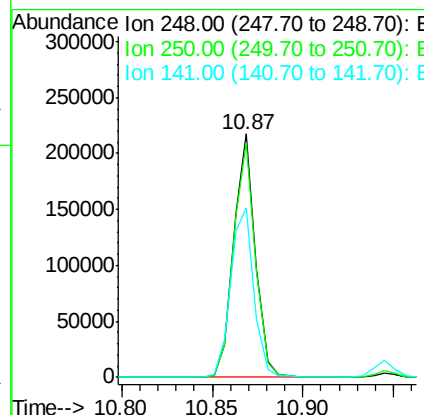
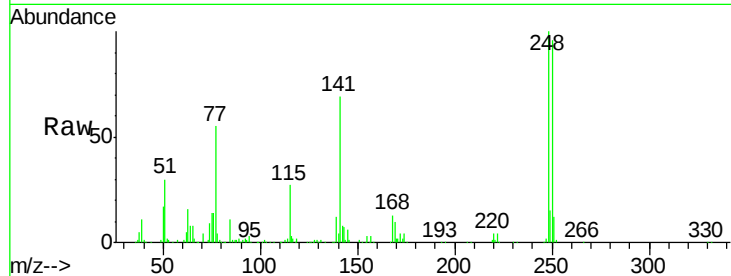
#67
4-Bromophenyl-phenylether
Concen: 42.073 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.4	116.2
141	69.3	56.8	85.2

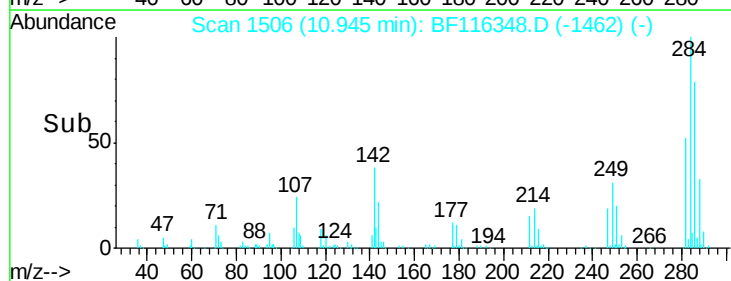
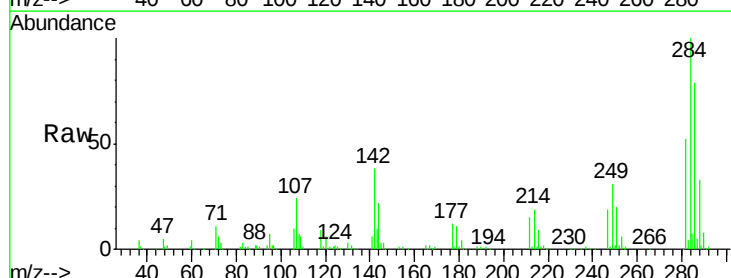
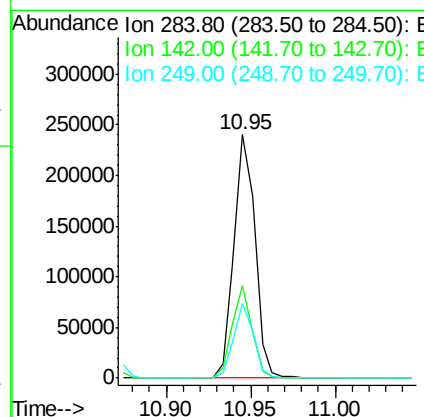
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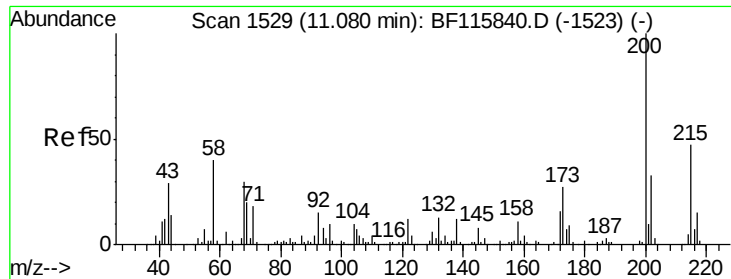
Jagrut
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#68
Hexachlorobenzene
Concen: 41.808 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.0	28.4	42.6
249	30.8	24.5	36.7





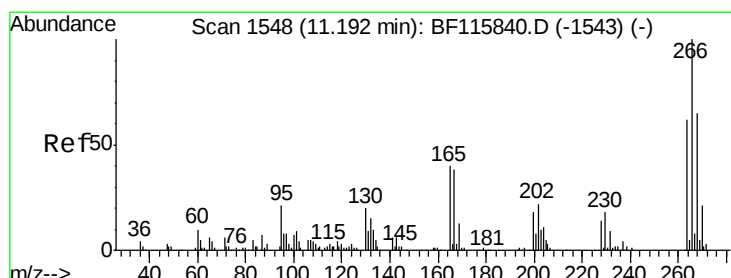
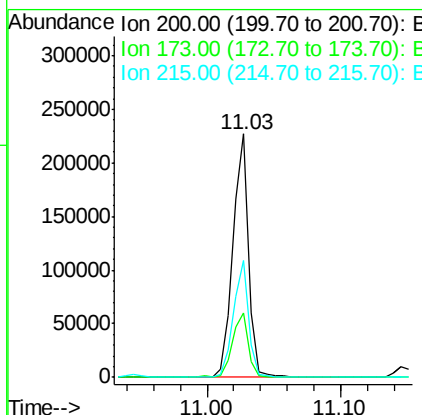
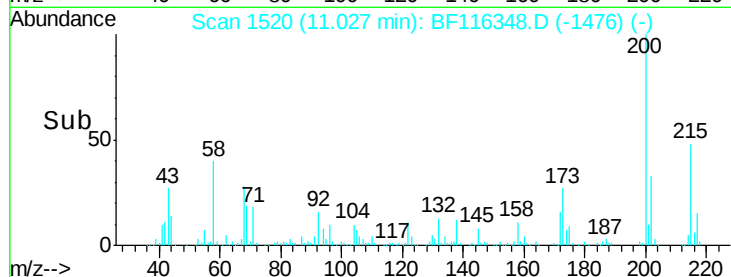
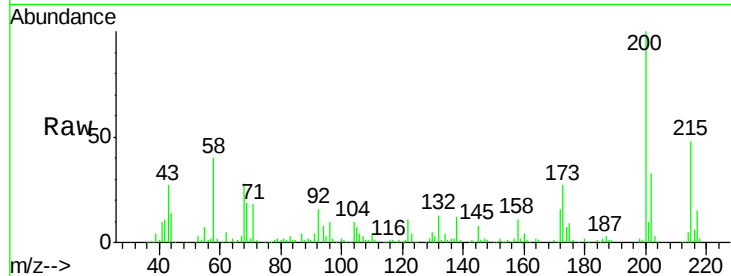
#69
 Atrazine
 Concen: 47.330 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.8	46.8
215	47.8	27.5	67.5

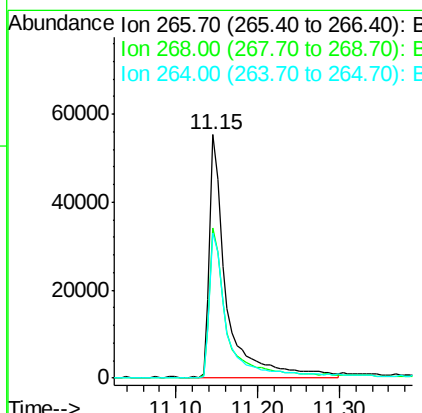
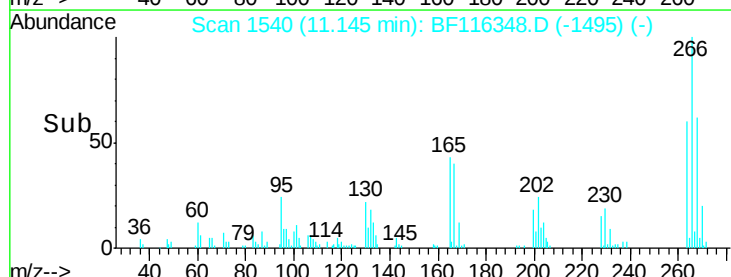
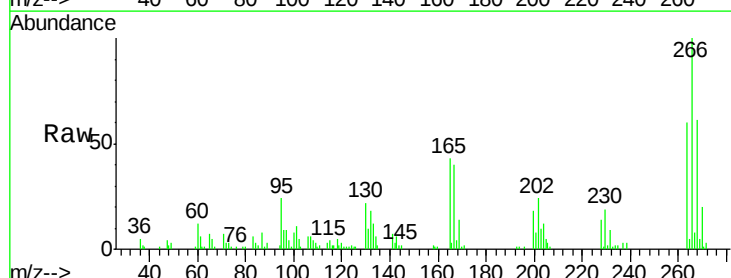
Manual Integrations
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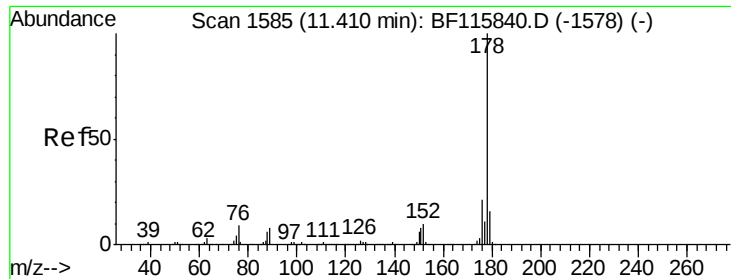
Jagrut
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#70
 Pentachlorophenol
 Concen: 33.808 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.4	48.8	73.2
264	59.5	50.6	76.0





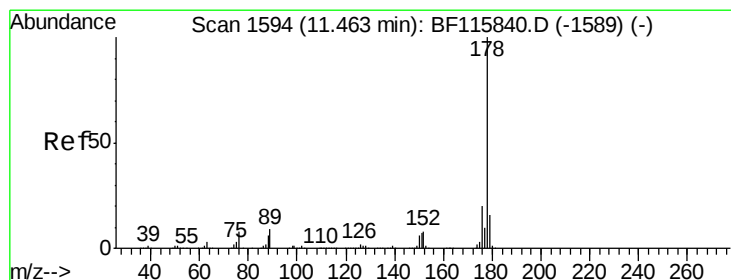
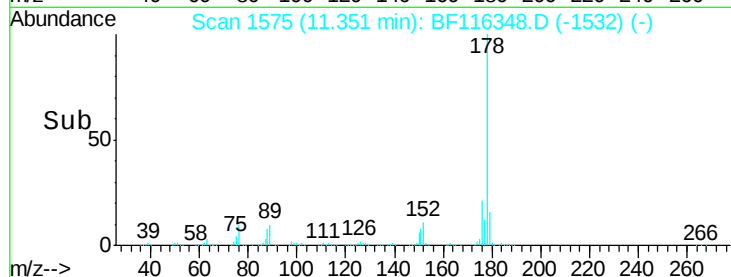
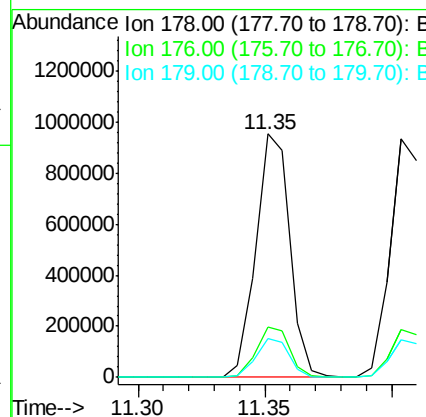
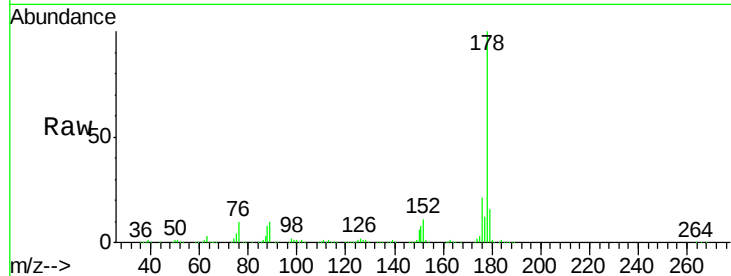
#71
 Phenanthrene
 Concen: 43.530 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.05 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	24.8
179	16.0	12.5	18.7

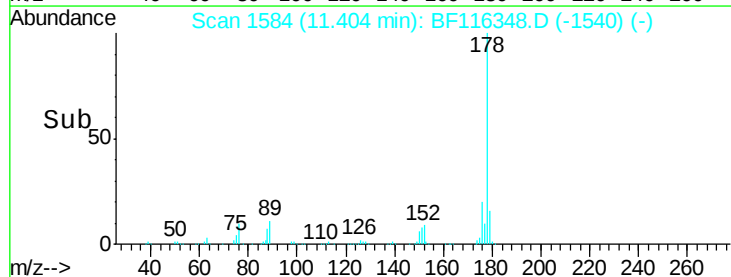
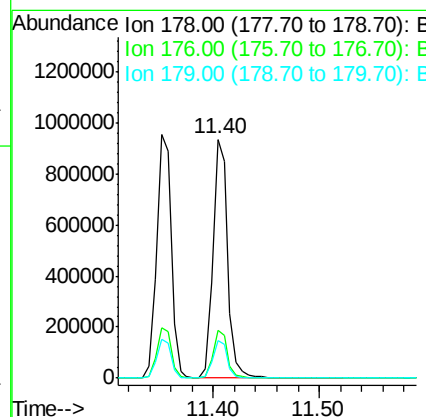
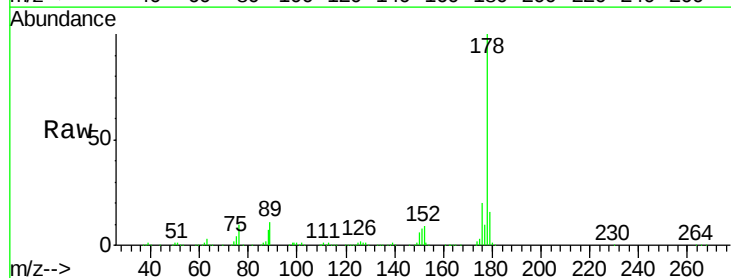
Manual Integrations
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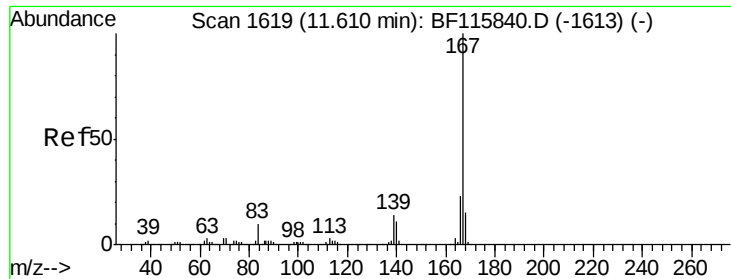
Jagrut
 8/19/2019 3:30:54 PM



#72
 Anthracene
 Concen: 43.944 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	15.7	13.0	19.6





#73

Carbazole

Concen: 44.833 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

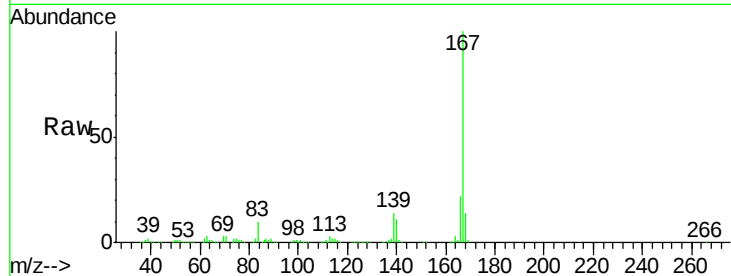
ClientSampleId :

SSTDCCC040

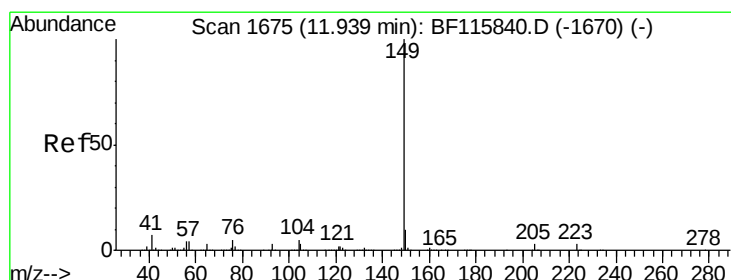
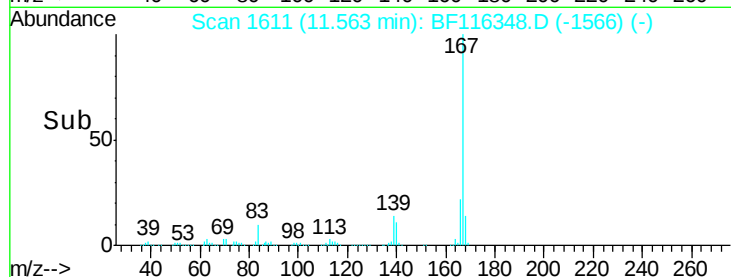
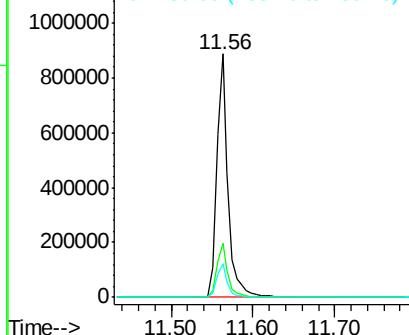
Tot Ion:	167	Resp:	842501
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.8	26.6
139	13.6	11.4	17.0

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.137 ng

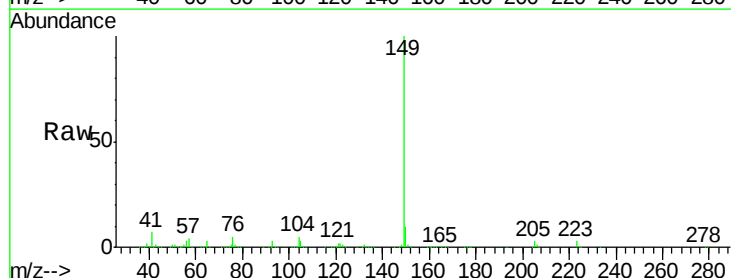
RT: 11.88 min Scan# 1665

Delta R.T. -0.04 min

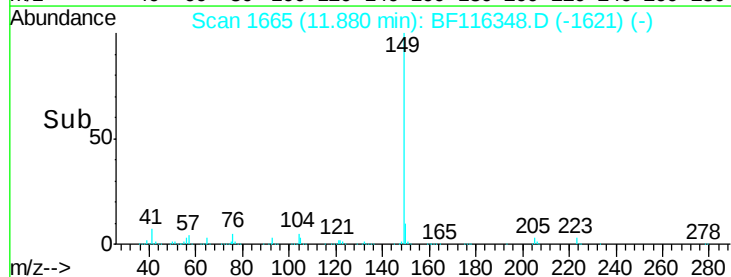
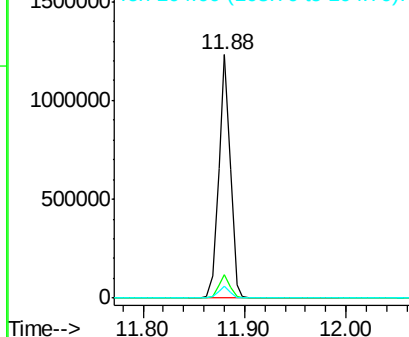
Lab File: BF116348.D

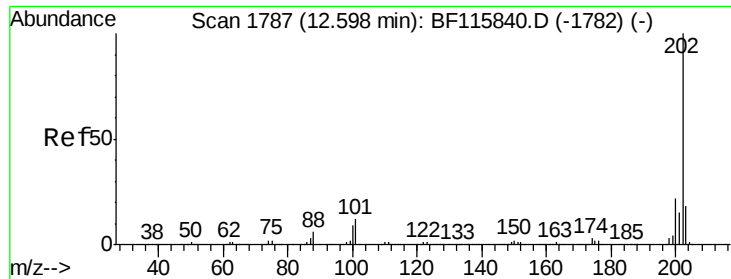
Acq: 17 Aug 2019 11:04

Tgt Ion:	149	Resp:	967554
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.0	12.0
104	5.1	4.5	6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





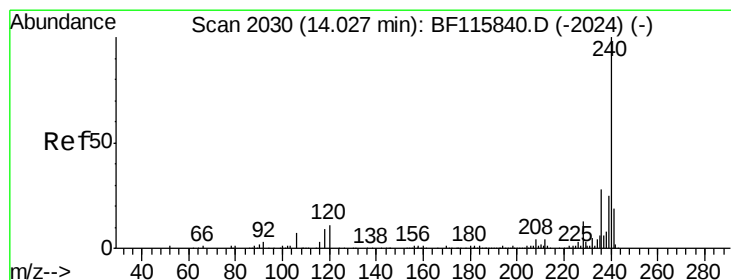
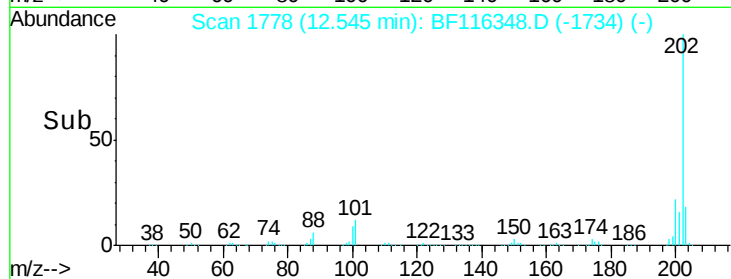
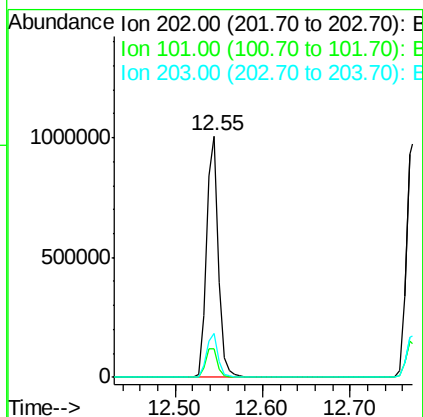
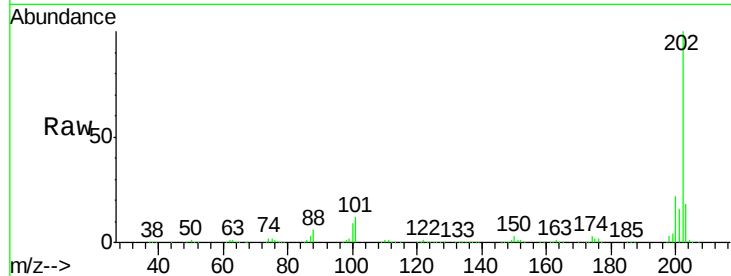
#75
 Fluoranthene
 Concen: 43.936 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	31.2
203	18.1	0.0	37.8

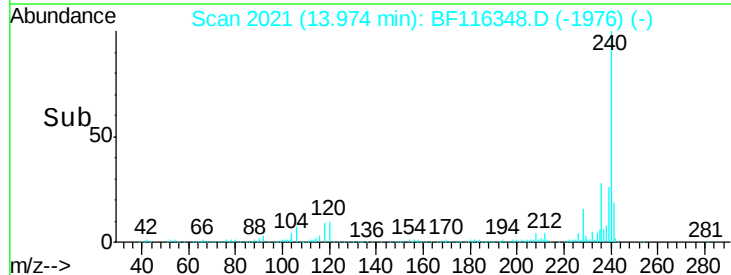
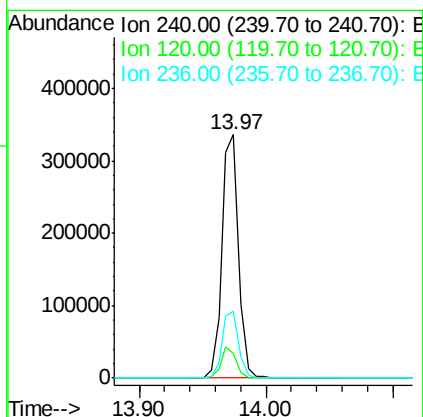
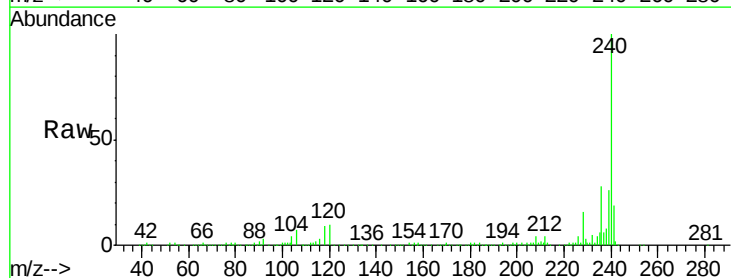
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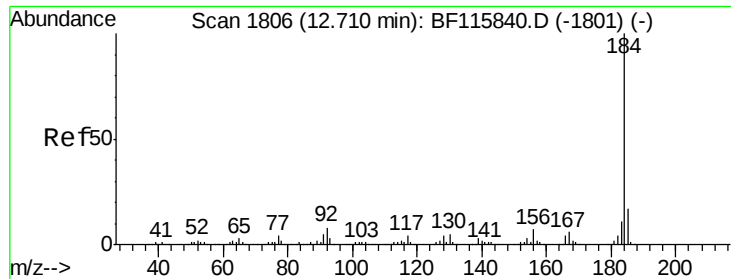
Jagrut
 8/19/2019 3:30:54 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	10.7	16.1#
236	27.6	22.2	33.2





#77

Benzidine

Concen: 35.022 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

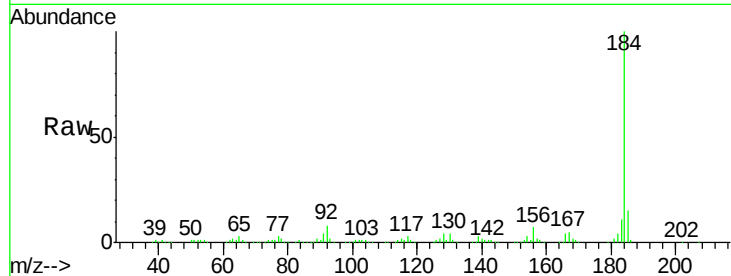
ClientSampleId :

SSTDCCC040

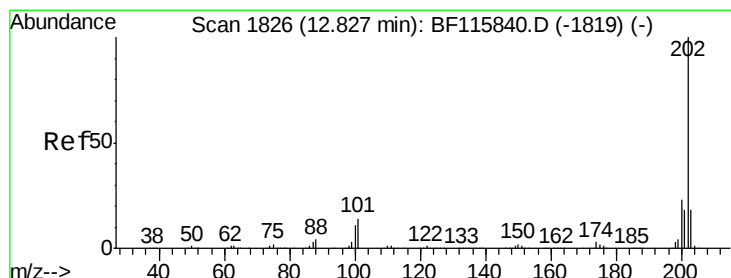
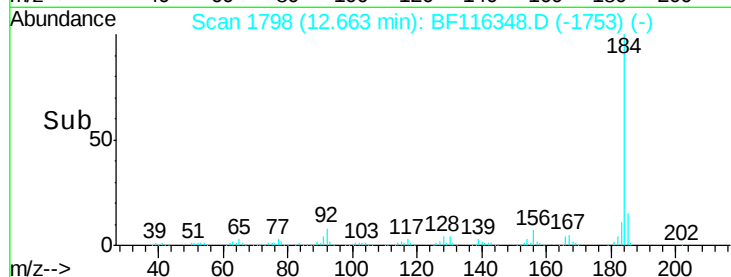
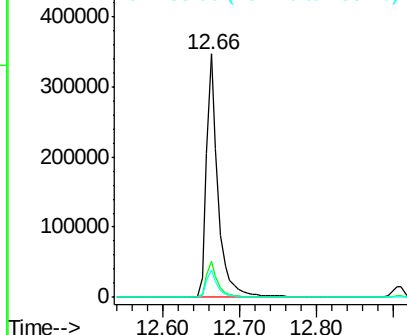
Tot Ion:	184	Resp:	362358
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.8	19.2
183	11.1	9.4	14.0

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.155 ng

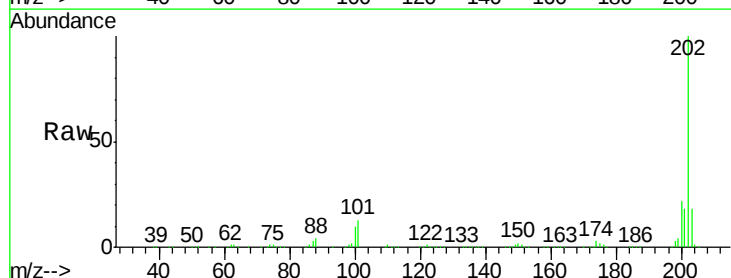
RT: 12.77 min Scan# 1817

Delta R.T. -0.04 min

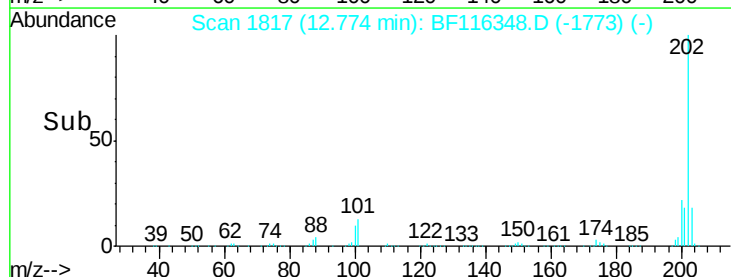
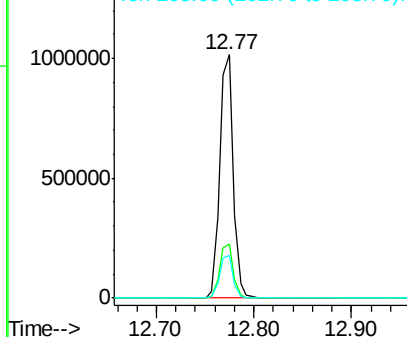
Lab File: BF116348.D

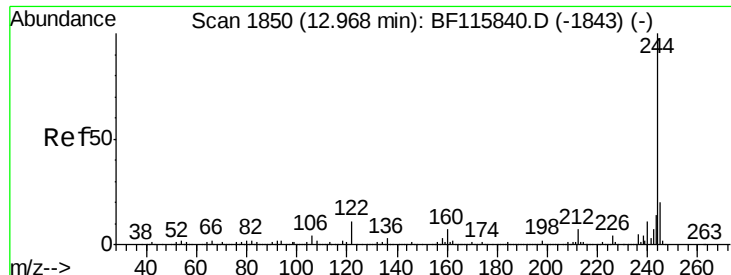
Acq: 17 Aug 2019 11:04

Tgt Ion:	202	Resp:	973177
Ion Ratio	Lower	Upper	
202	100		
200	22.4	18.0	27.0
203	17.7	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





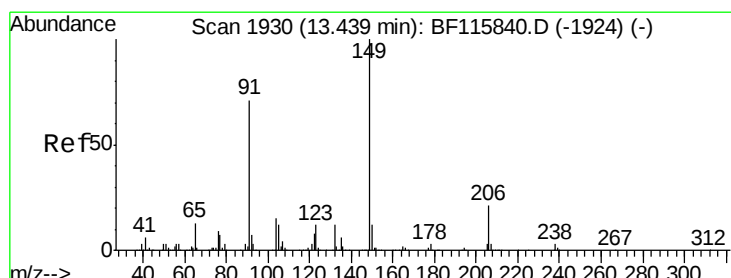
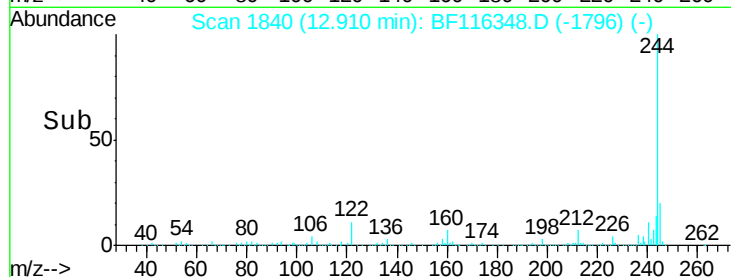
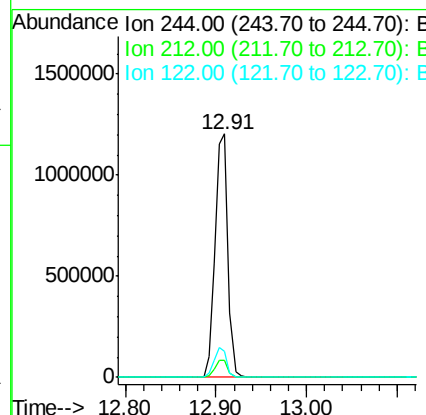
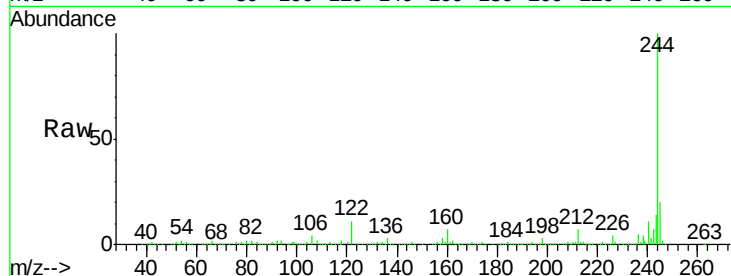
#79
 Terphenyl-d14
 Concen: 82.868 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.9	9.0	13.4

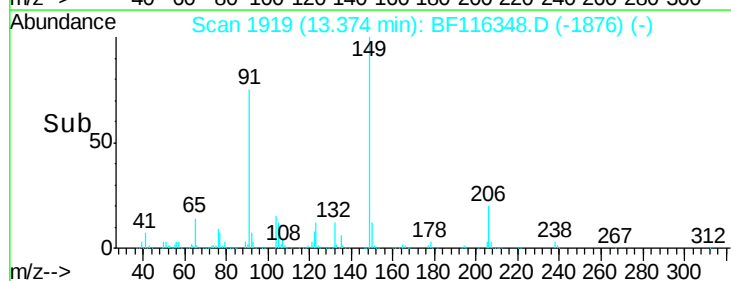
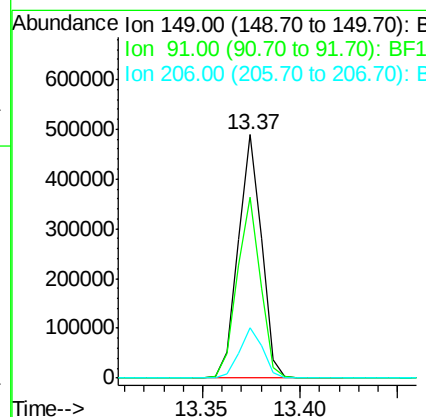
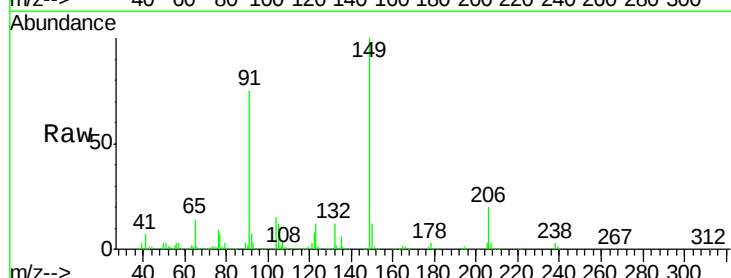
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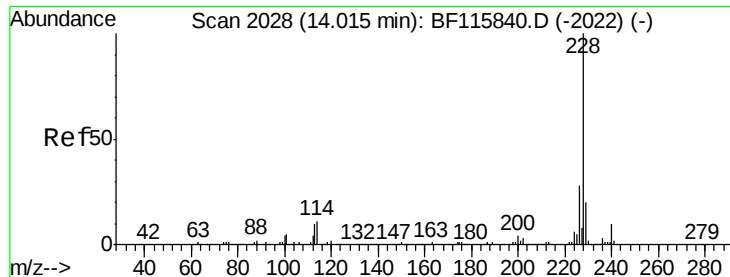
Jagrut
 8/19/2019 3:30:54 PM



#80
 Butylbenzylphthalate
 Concen: 41.593 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.05 min
 Lab File: BF116348.D
 Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.6	56.3	84.5
206	20.4	18.0	27.0





#81

Benzo(a)anthracene

Concen: 43.026 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

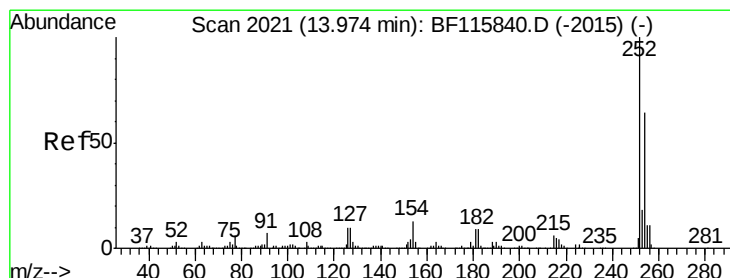
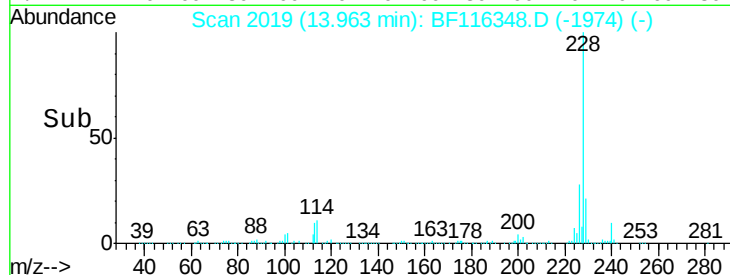
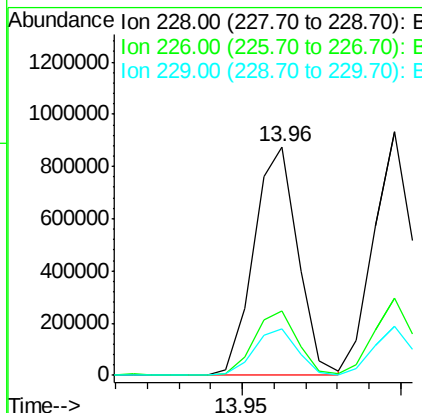
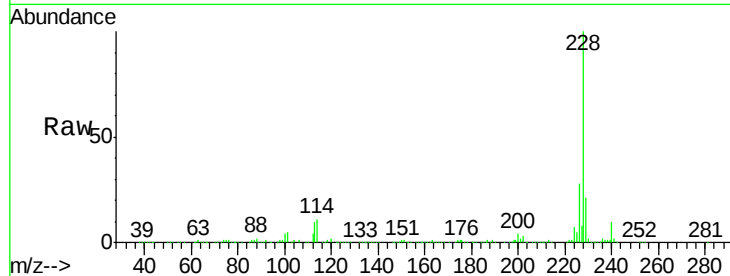
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	842219
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.7	34.1
229	20.5	16.2	24.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 42.856 ng

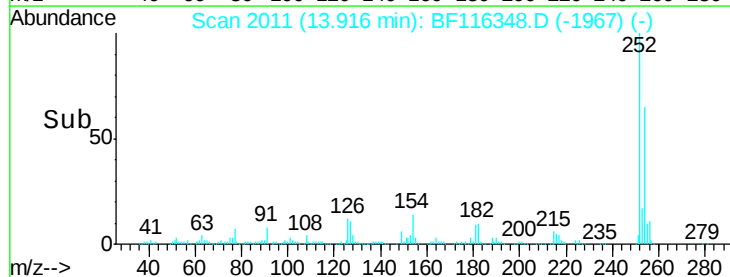
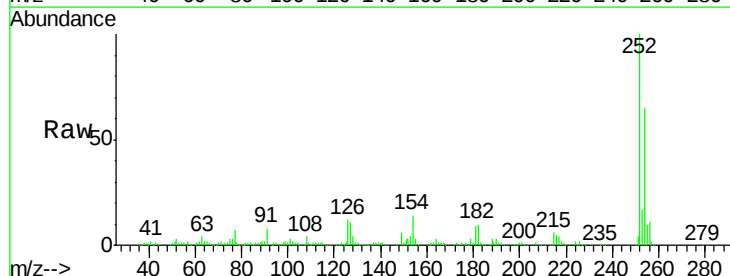
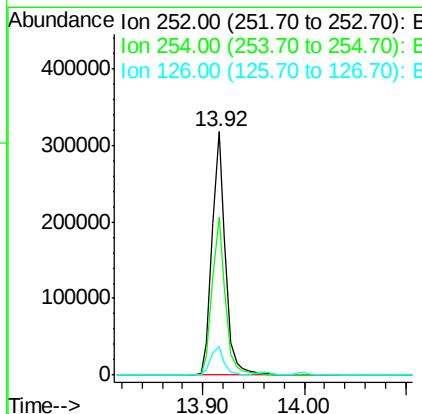
RT: 13.92 min Scan# 2011

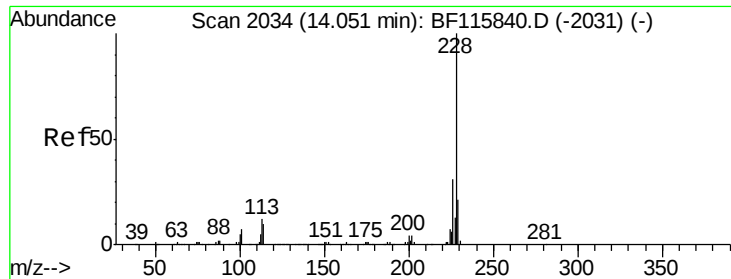
Delta R.T. -0.04 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Tgt Ion:	252	Resp:	291444
Ion Ratio	Lower	Upper	
252	100		
254	64.9	50.9	76.3
126	11.7	9.8	14.8





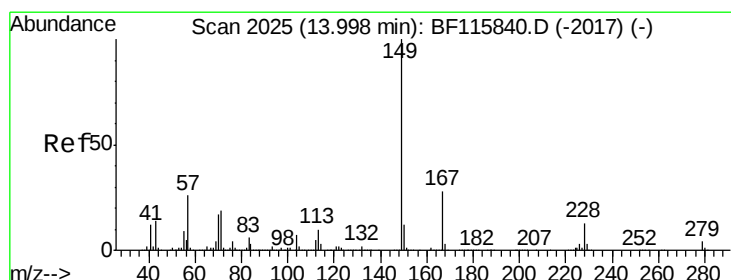
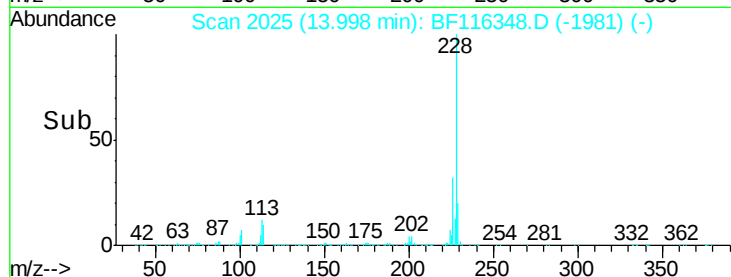
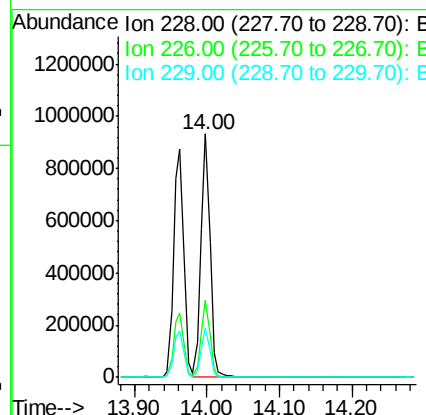
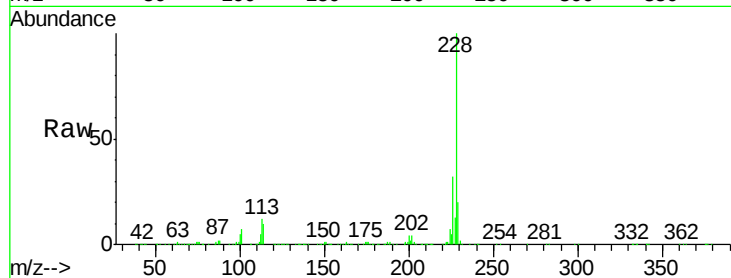
#83
Chrysene
Concen: 42.988 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.5	38.3
229	20.3	16.6	24.8

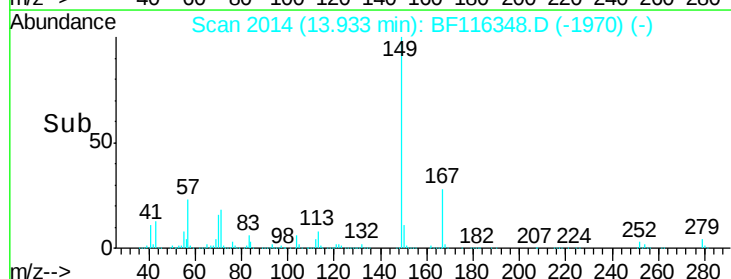
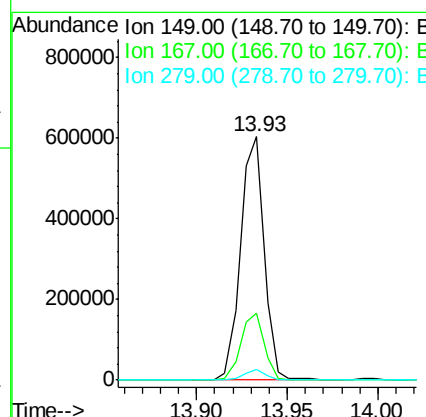
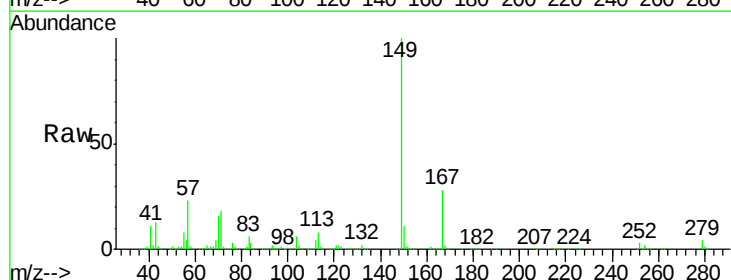
Manual Integrations
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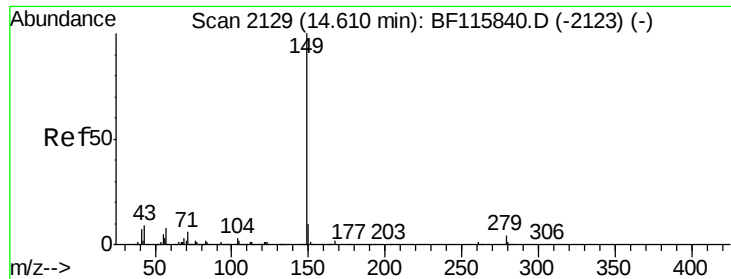
Jagrut
8/19/2019 3:30:54 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.209 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.04 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.6	32.4
279	4.2	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 41.533 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.05 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

Instrument :

BNA_F

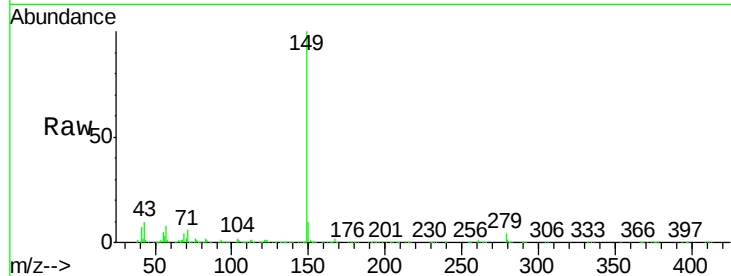
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	837158
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.4	2.0
43	9.9	7.5	11.3

Manual Integrations
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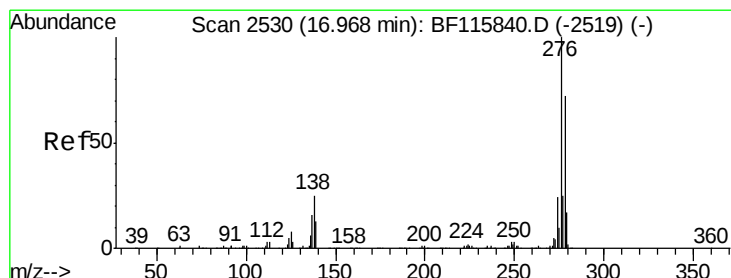
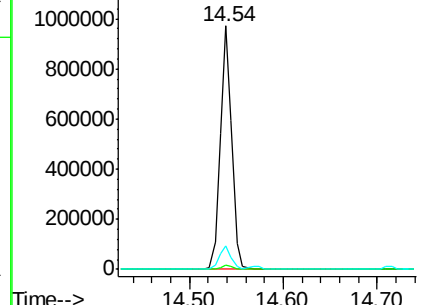
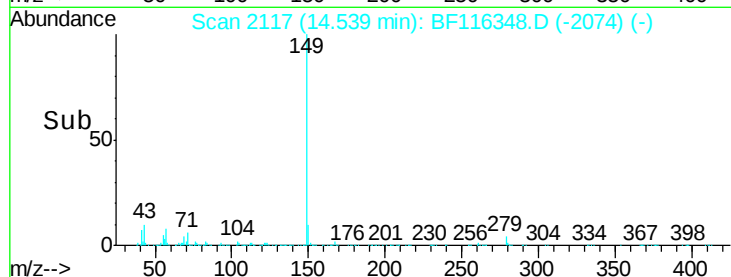
Jagrut
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.588 ng

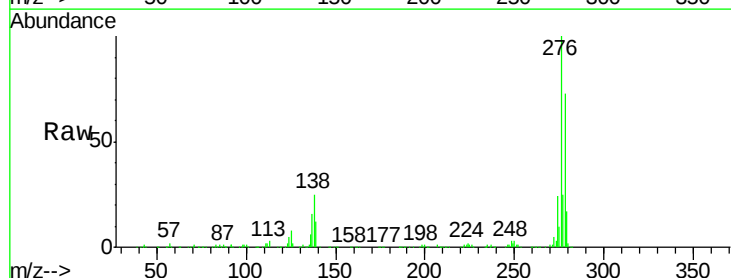
RT: 16.89 min Scan# 2516

Delta R.T. -0.06 min

Lab File: BF116348.D

Acq: 17 Aug 2019 11:04

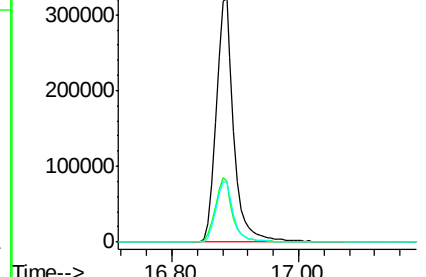
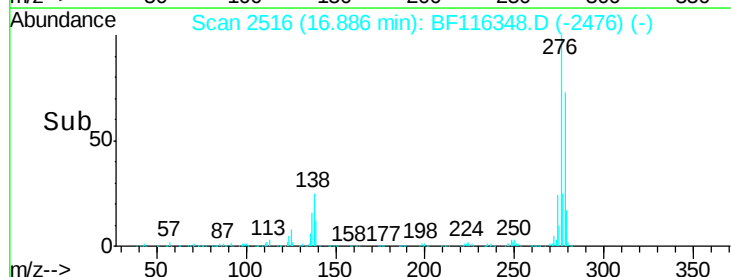
Tgt Ion:	276	Resp:	631874
Ion Ratio	Lower	Upper	
276	100		
138	25.8	20.4	30.6
277	25.2	20.0	30.0

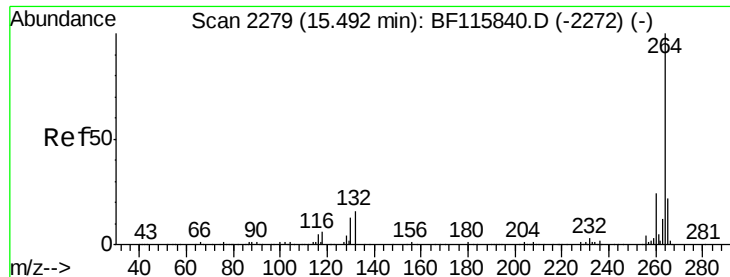


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





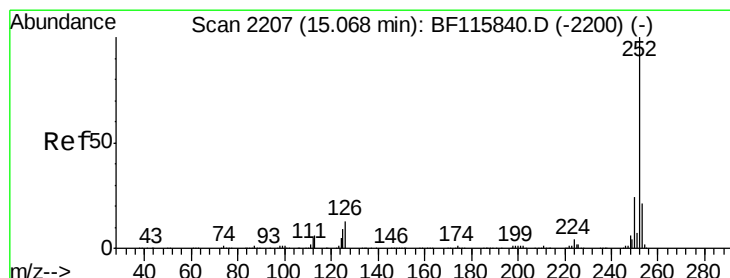
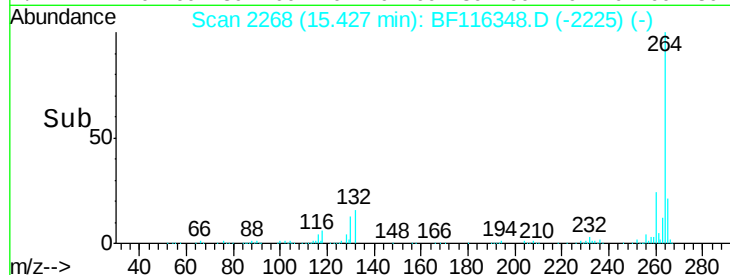
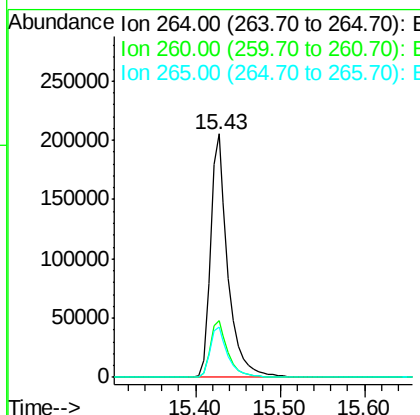
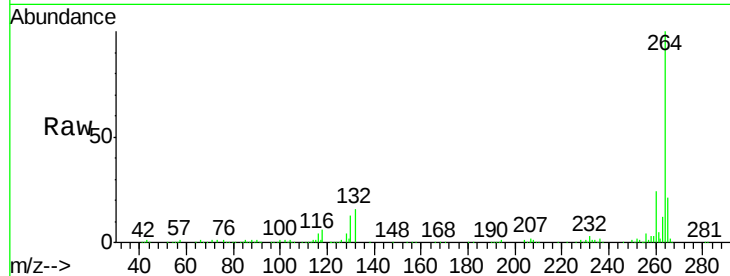
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.05 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.7	29.5
265	20.9	17.4	26.0

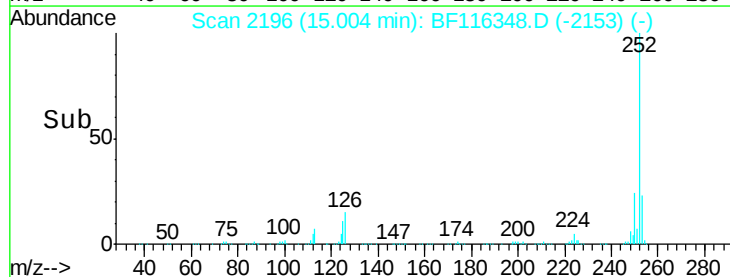
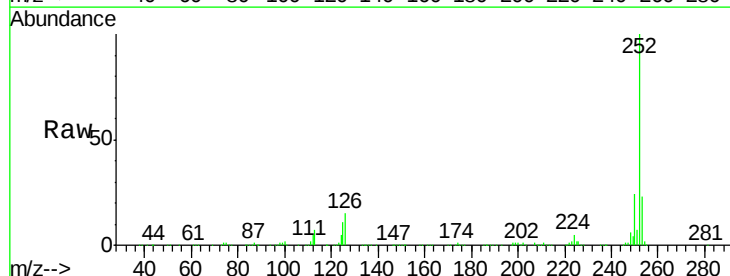
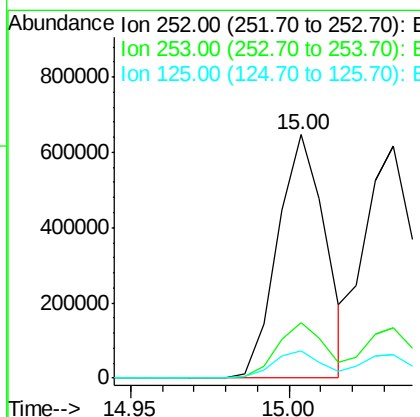
Manual Integrations
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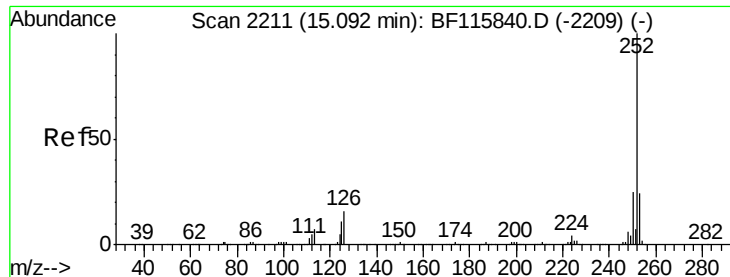
Jagrut
8/19/2019 3:30:54 PM



#88
Benzo(b)fluoranthene
Concen: 39.745 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.05 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.1	8.4	12.6





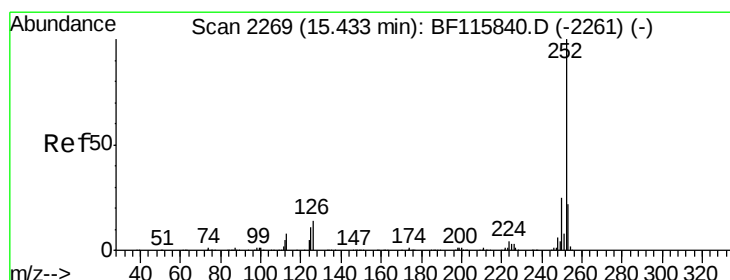
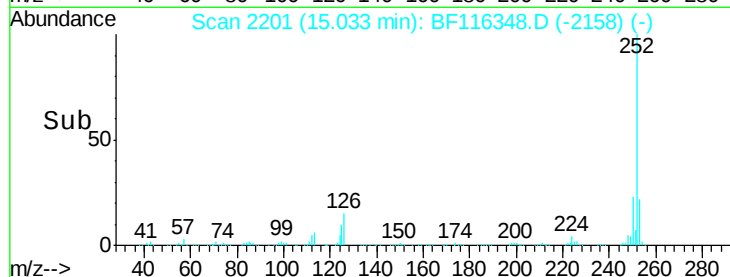
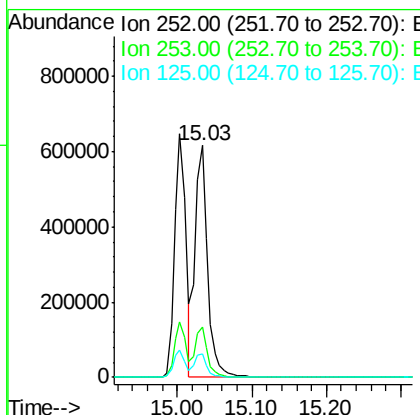
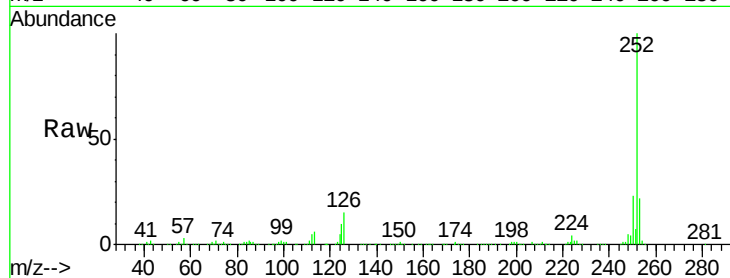
#89
Benzo(k)fluoranthene
Concen: 43.494 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.05 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.4	7.7	11.5

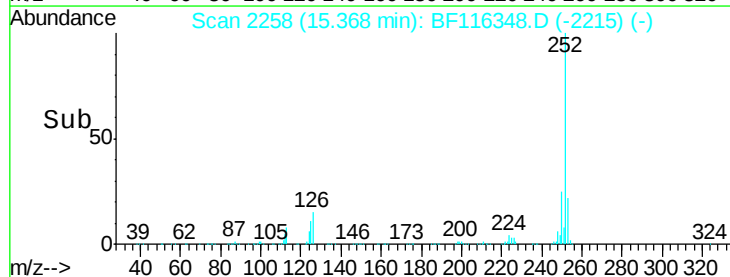
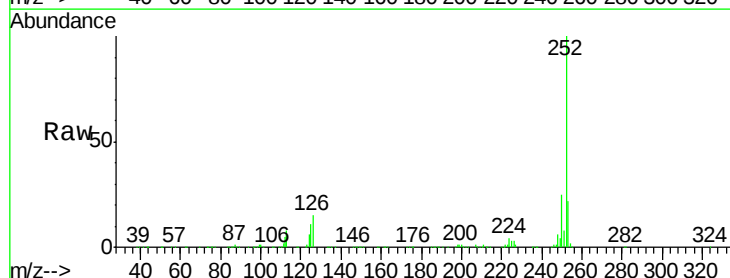
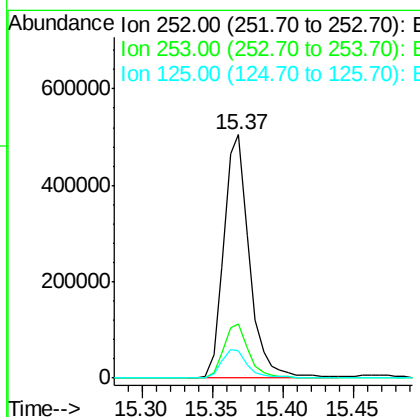
Manual Integrations
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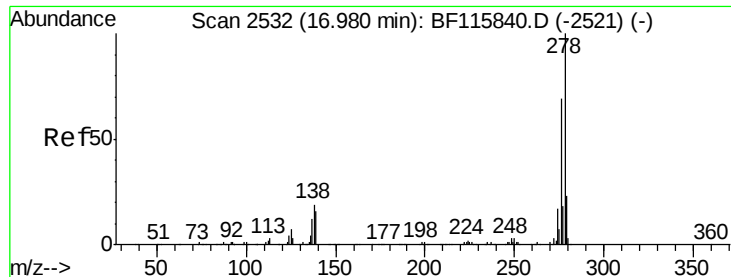
Jagrut
8/19/2019 3:30:54 PM



#90
Benzo(a)pyrene
Concen: 41.674 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.05 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.4	8.9	13.3





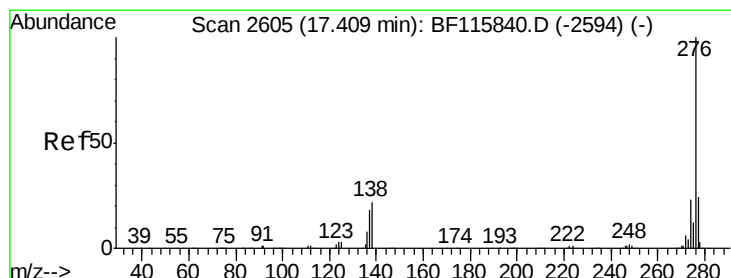
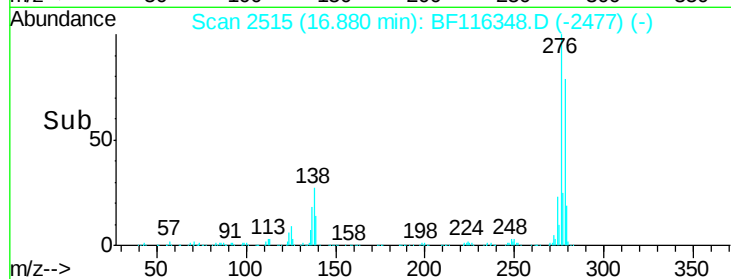
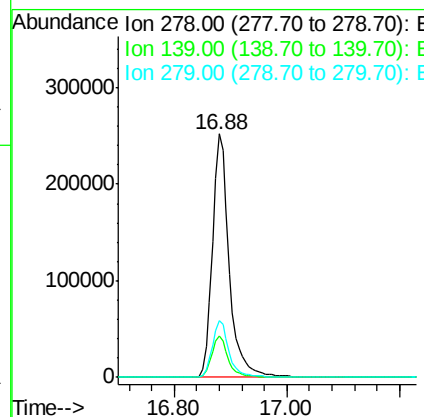
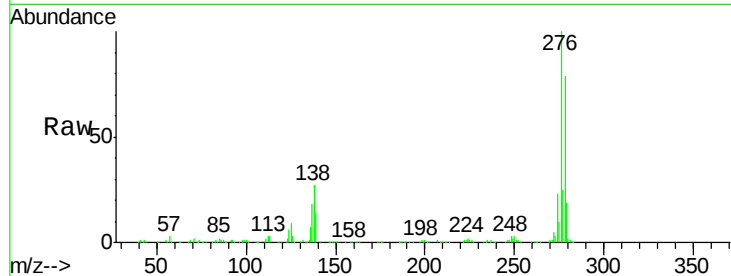
#91
Dibenzo(a,h)anthracene
Concen: 39.315 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.08 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.8	19.2
279	23.3	18.8	28.2

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 38.478 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.06 min
Lab File: BF116348.D
Acq: 17 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	22.4	17.0	25.6

