

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112962.D
 Acq On : 11 Mar 2019 18:43
 Operator : JU/SJ
 Sample : K1785-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Manual Integrations
 APPROVED

Sohil
 3/12/2019 4:28:43 PM

Quant Time: Mar 12 05:14:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	152279	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	596035	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	325360	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	764851	20.00	ng	0.00
76) Chrysene-d12	13.87	240	524962	20.00	ng	0.00
87) Perylene-d12	15.27	264	532888	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	988334	100.96	ng	0.00
7) Phenol-d6	6.37	99	1311104	106.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	784437	78.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	421897	122.14	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1207289	56.22	ng	-0.01
79) Terphenyl-d14	12.82	244	1539593	56.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	150196	30.608	ng	97
3) Pyridine	3.12	79	331286	25.234	ng	97
4) n-Nitrosodimethylamine	3.03	42	174030	30.303	ng	98
6) Aniline	6.39	93	276563	16.339	ng	# 5
8) 2-Chlorophenol	6.52	128	387019	35.515	ng	95
9) Benzaldehyde	6.27	77	170665	19.261	ng	97
10) Phenol	6.38	94	517573	36.068	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	369188	33.519	ng	97
12) 1,3-Dichlorobenzene	6.67	146	402092	35.719	ng	98
13) 1,4-Dichlorobenzene	6.75	146	408685	36.201	ng	98
14) 1,2-Dichlorobenzene	6.90	146	385707	37.269	ng	98
15) Benzyl Alcohol	6.87	79	332611	35.471	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	600672	32.679	ng	97
17) 2-Methylphenol	6.99	107	320245	36.225	ng	97
18) Hexachloroethane	7.25	117	147573	34.125	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	260324	33.425	ng	99
20) 3+4-Methylphenols	7.15	107	383928	38.467	ng	# 83
22) Acetophenone	7.14	105	522131	37.464	ng	# 94
24) Nitrobenzene	7.31	77	412264	37.186	ng	98
25) Isophorone	7.55	82	767762	35.778	ng	100
26) 2-Nitrophenol	7.63	139	211360	45.798	ng	97
27) 2,4-Dimethylphenol	7.67	122	351969	40.994	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	473879	35.321	ng	99
29) 2,4-Dichlorophenol	7.87	162	343341	41.237	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	344760	38.537	ng	98
31) Naphthalene	8.03	128	1116443	37.728	ng	100
32) Benzoic acid	7.78	122	225347	37.448	ng	91
33) 4-Chloroaniline	8.08	127	133747	10.671	ng	99
34) Hexachlorobutadiene	8.16	225	197148	39.075	ng	98
35) Caprolactam	8.44	113	123927m	42.260	ng	
36) 4-Chloro-3-methylphenol	8.57	107	377180	40.934	ng	95
37) 2-Methylnaphthalene	8.73	142	765133	40.038	ng	99
38) 1-Methylnaphthalene	8.82	142	715026	38.626	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	346365	36.506	ng	98

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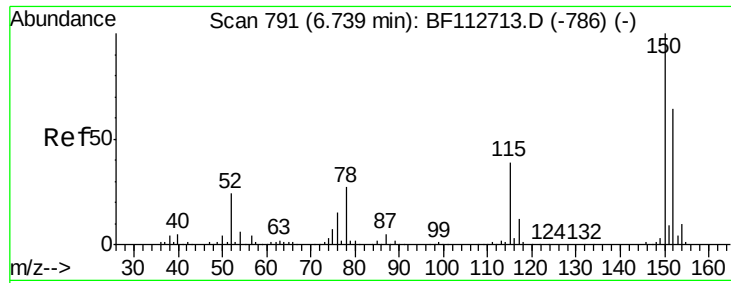
Manual Integrations
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Quant Time: Mar 12 05:14:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	325995	62.745	ng	98
43) 2,4,6-Trichlorophenol	9.00	196	265830	40.710	ng	100
44) 2,4,5-Trichlorophenol	9.05	196	291921	41.361	ng	98
46) 1,1'-Biphenyl	9.19	154	944130	35.576	ng	100
47) 2-Chloronaphthalene	9.21	162	734733	35.457	ng	98
48) 2-Nitroaniline	9.30	65	260969	41.433	ng	97
49) Acenaphthylene	9.63	152	1236381	35.146	ng	99
50) Dimethylphthalate	9.49	163	1037411	43.243	ng	99
51) 2,6-Dinitrotoluene	9.55	165	213579	42.752	ng	88
52) Acenaphthene	9.80	154	714070	34.710	ng	98
53) 3-Nitroaniline	9.71	138	165823	27.240	ng	91
54) 2,4-Dinitrophenol	9.82	184	190371	92.098	ng	92
55) Dibenzofuran	9.97	168	1112147	37.196	ng	97
56) 4-Nitrophenol	9.89	139	420812	85.058	ng	94
57) 2,4-Dinitrotoluene	9.95	165	294897	47.488	ng	87
58) Fluorene	10.31	166	835941	39.392	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	267452	45.483	ng	94
60) Diethylphthalate	10.19	149	957961	37.808	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	408966	41.420	ng	92
62) 4-Nitroaniline	10.33	138	249332	44.325	ng	92
63) Azobenzene	10.46	77	887958	34.215	ng	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	131270	42.369	ng	86
66) n-Nitrosodiphenylamine	10.42	169	800531	32.635	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	282007	35.005	ng	# 91
68) Hexachlorobenzene	10.86	284	329088	36.238	ng	# 87
69) Atrazine	10.95	200	277346	36.917	ng	98
70) Pentachlorophenol	11.05	266	406971	76.139	ng	98
71) Phenanthrene	11.27	178	1397414	36.722	ng	99
72) Anthracene	11.32	178	1452255	36.457	ng	100
73) Carbazole	11.47	167	1443175	37.139	ng	99
74) Di-n-butylphthalate	11.81	149	1673890	35.925	ng	100
75) Fluoranthene	12.45	202	1634545	40.091	ng	96
77) Benzidine	12.57	184	511492	18.780	ng	98
78) Pyrene	12.67	202	1646068	37.195	ng	100
80) Butylbenzylphthalate	13.30	149	748142	38.298	ng	89
81) Benzo(a)anthracene	13.86	228	1175915	32.320	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	324954	23.615	ng	# 98
83) Chrysene	13.89	228	1237571	34.726	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	902907	39.406	ng	99
85) Di-n-octyl phthalate	14.46	149	1617270	41.105	ng	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1233386	40.595	ng	95
88) Benzo(b)fluoranthene	14.87	252	1146021	33.248	ng	98
89) Benzo(k)fluoranthene	14.90	252	1080693	34.613	ng	97
90) Benzo(a)pyrene	15.22	252	1083742	35.546	ng	97
91) Dibenzo(a,h)anthracene	16.65	278	1027957	39.512	ng	97
92) Benzo(g,h,i)perylene	17.04	276	989380	37.873	ng	97

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



#1

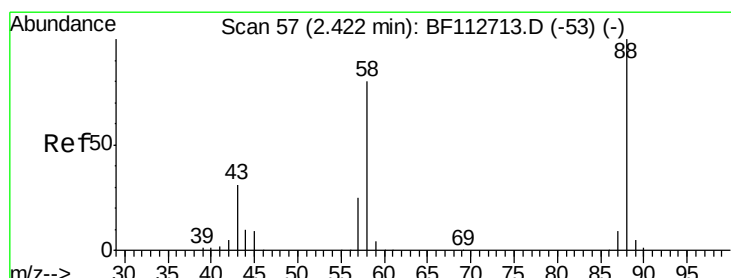
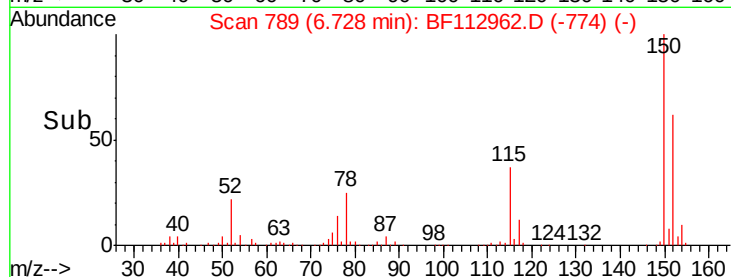
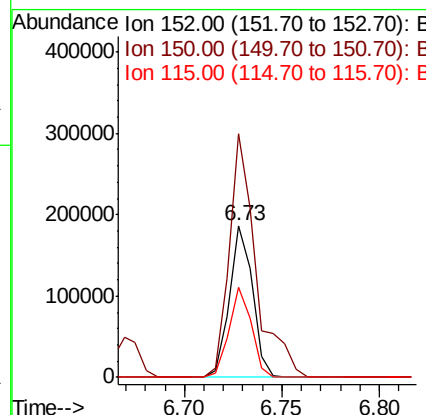
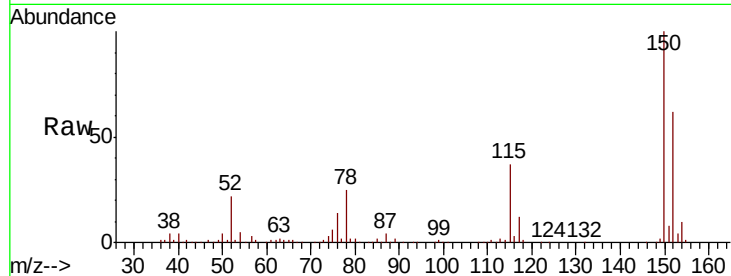
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.2	186.2
115	59.5	48.2	72.4

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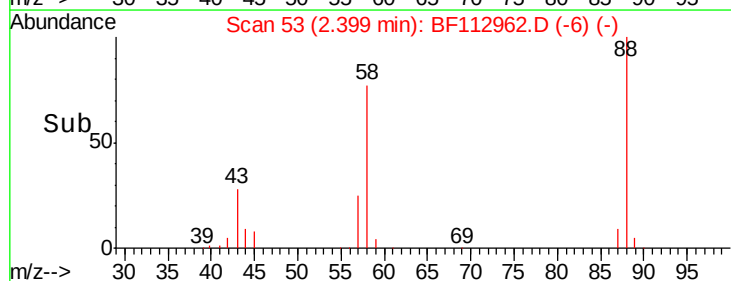
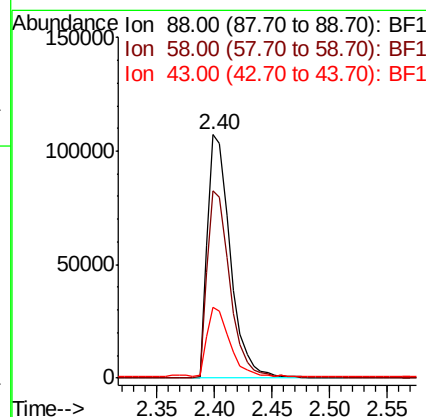
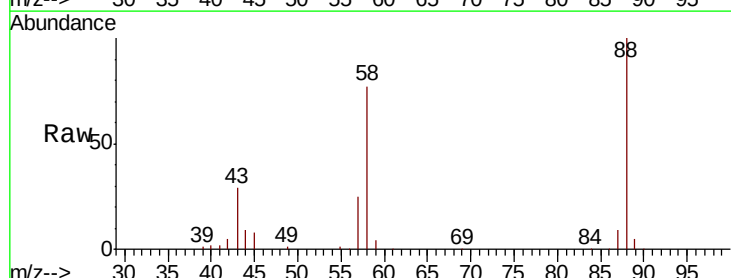
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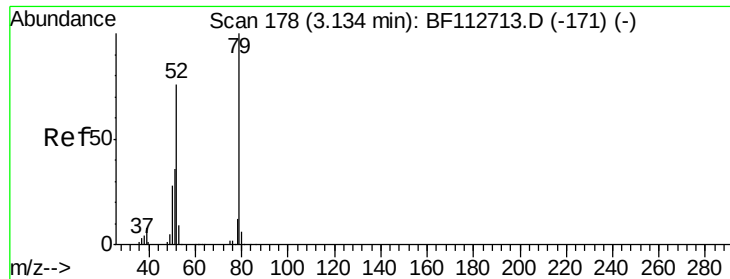


#2

1,4-Dioxane
Concen: 30.608 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.02 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	63.1	94.7
43	28.0	24.3	36.5





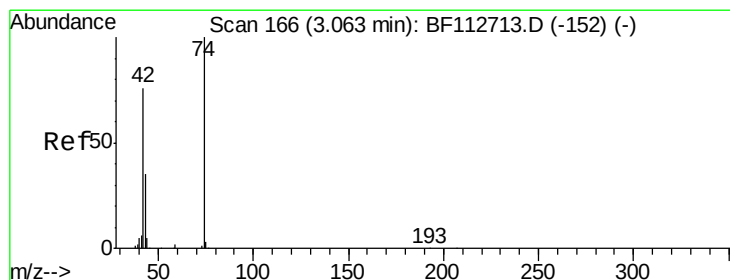
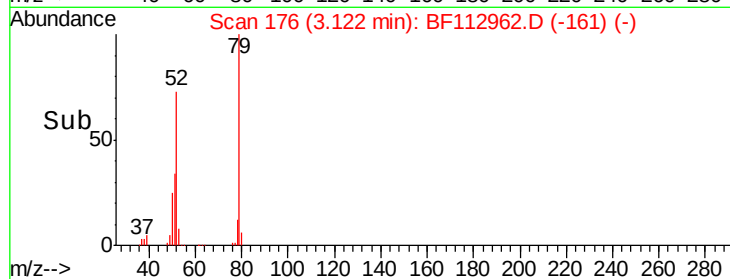
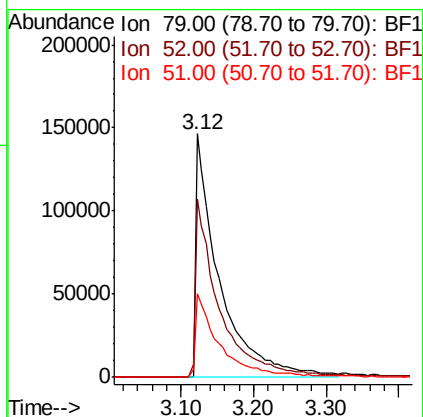
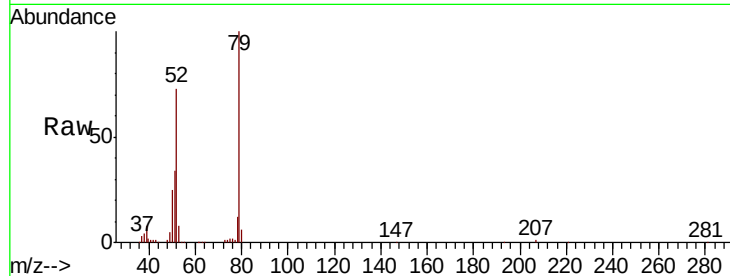
#3
 Pvridine
 Concen: 25.234 ng
 RT: 3.12 min Scan# 176
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.1	60.5	90.7
51	34.4	28.8	43.2

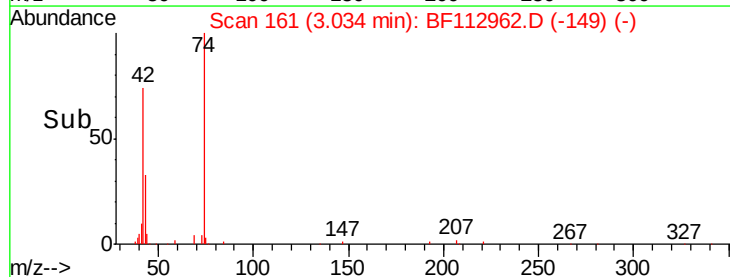
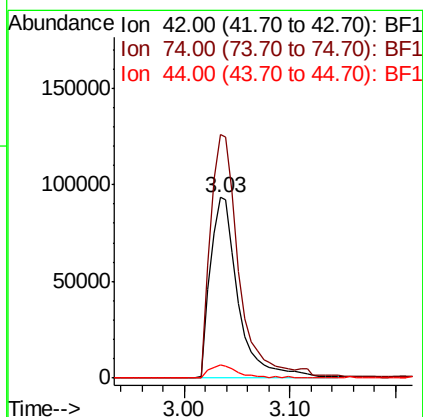
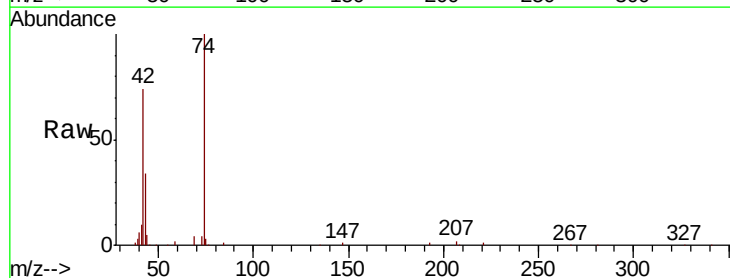
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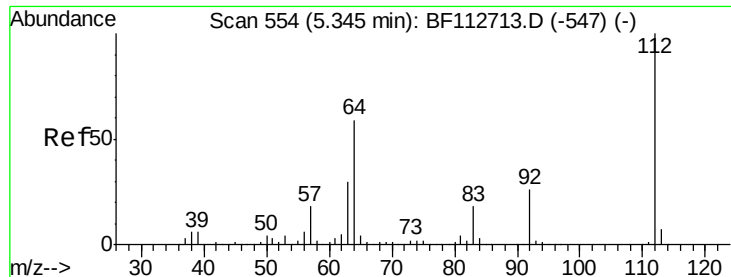
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#4
 n-Nitrosodimethylamine
 Concen: 30.303 ng
 RT: 3.03 min Scan# 161
 Delta R.T. -0.03 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.6	105.8	158.8
44	7.0	6.2	9.2





#5

2-Fluorophenol

Concen: 100.959 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

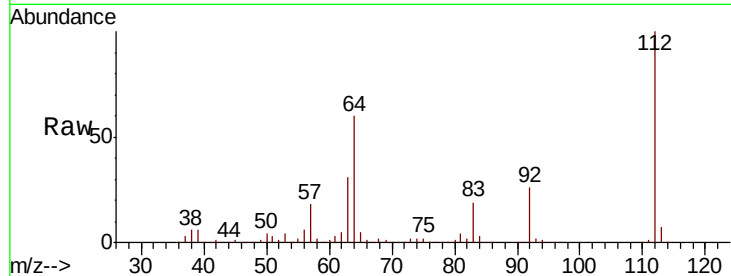
ClientSampled :

SD2-0.0-0.5MSD

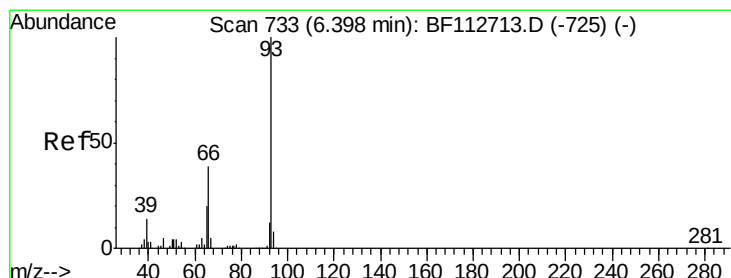
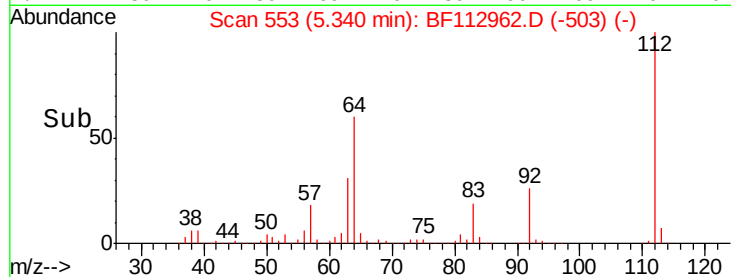
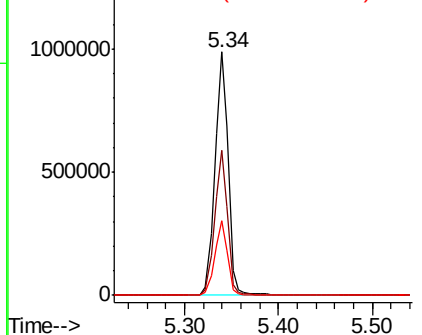
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		988334		
64	59.6	47.6	71.4		
63	30.6	24.4	36.6		

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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: 16.339 ng

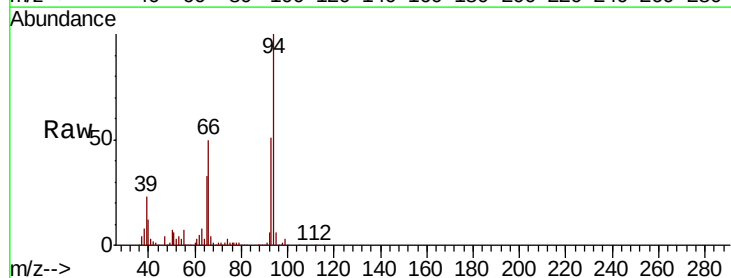
RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

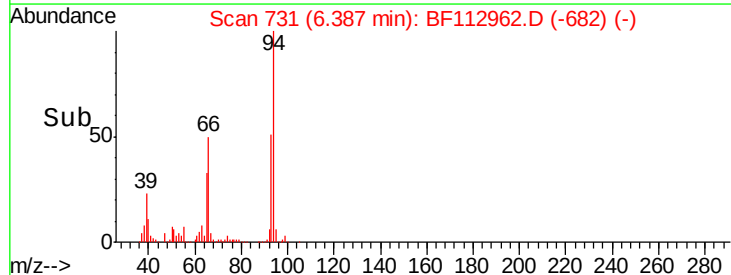
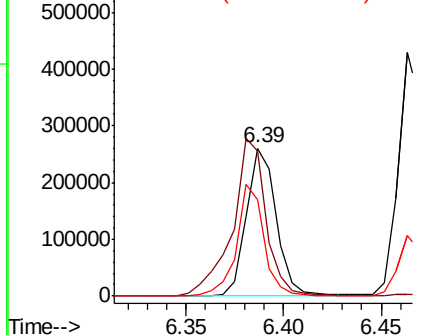
Lab File: BF112962.D

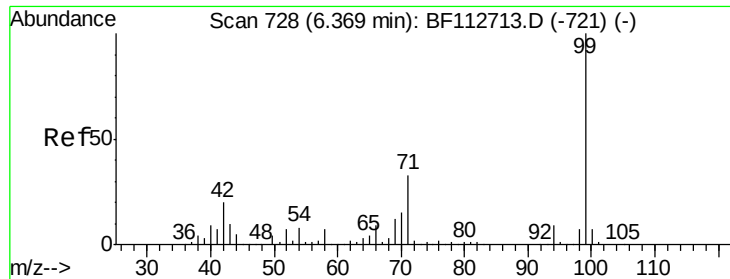
Acq: 11 Mar 2019 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		276563		
66	98.2	32.2	48.2#		
65	65.0	16.2	24.4#		



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.619 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

Tot Ion: 99 Resp: 1311104

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

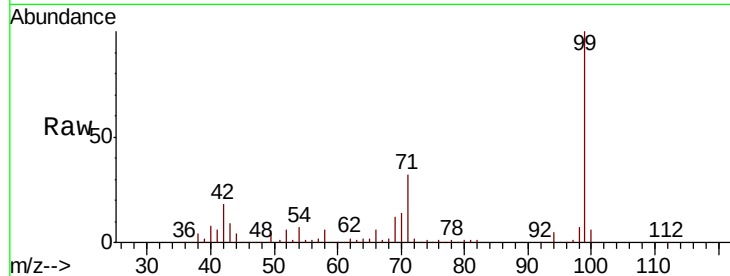
71 31.8 26.2 39.4

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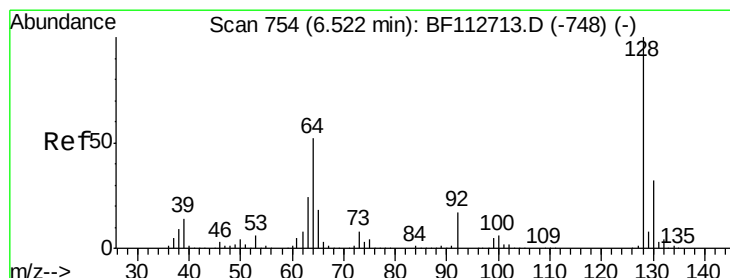
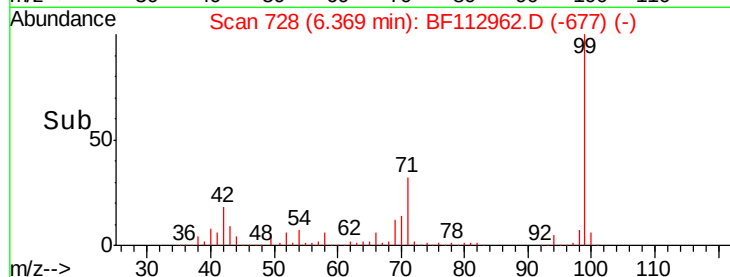
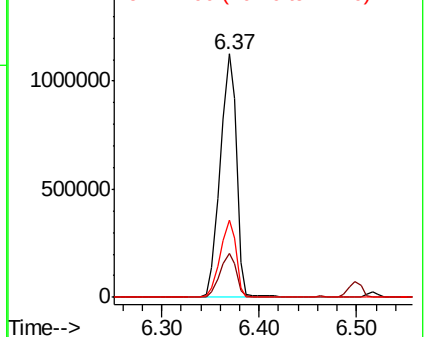
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.515 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

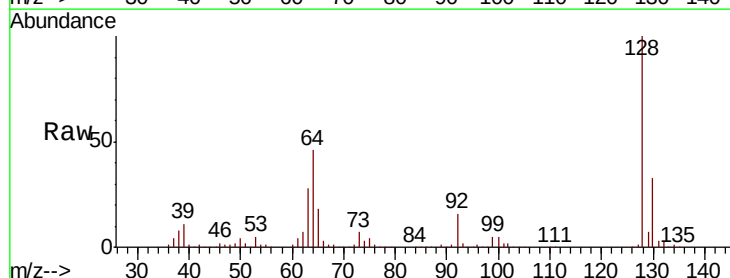
Tgt Ion:128 Resp: 387019

Ion Ratio Lower Upper

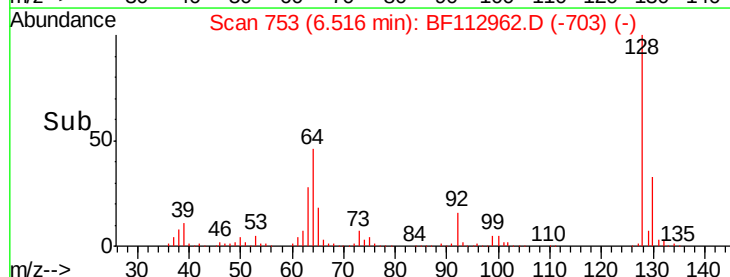
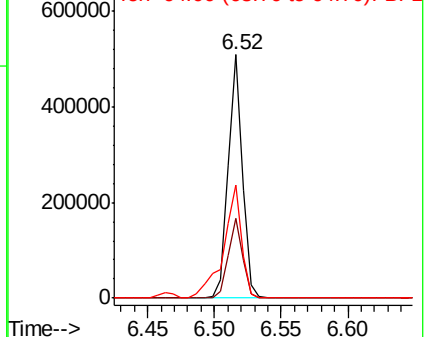
128 100

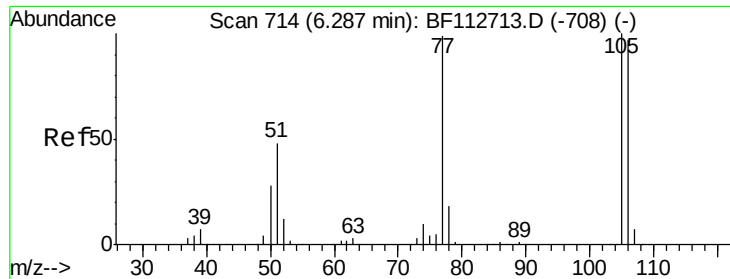
130 32.7 12.4 52.4

64 46.4 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.261 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.02 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

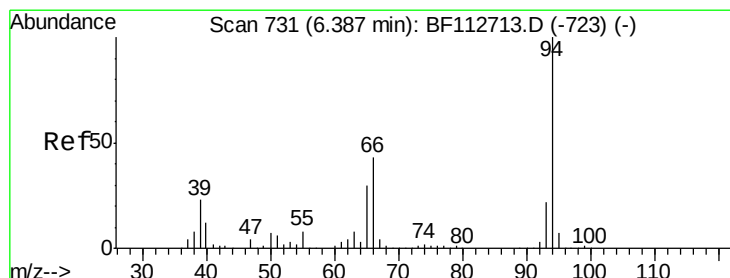
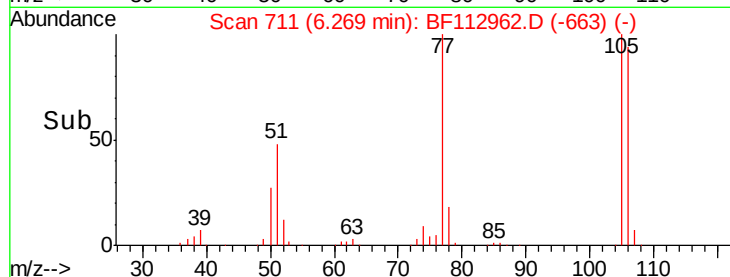
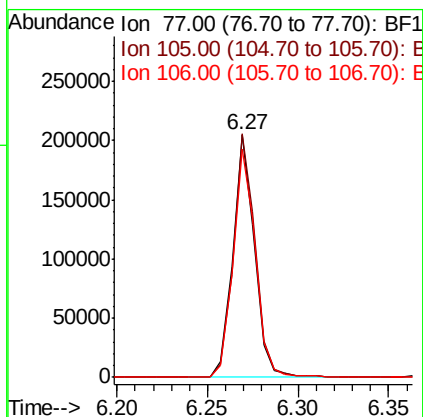
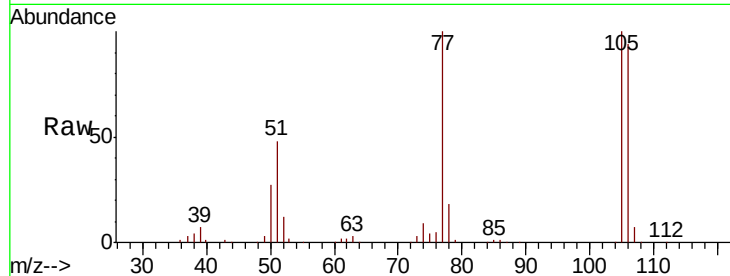
ClientSampled :

SD2-0.0-0.5MSD

Tot Ion:	77	Resp:	170665
Ion	Ratio	Lower	Upper
77	100		
105	100.4	81.4	121.4
106	94.2	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 36.068 ng

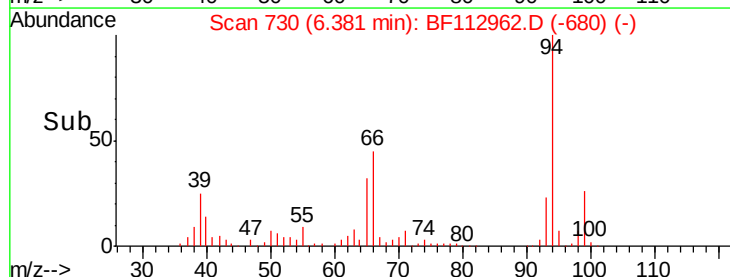
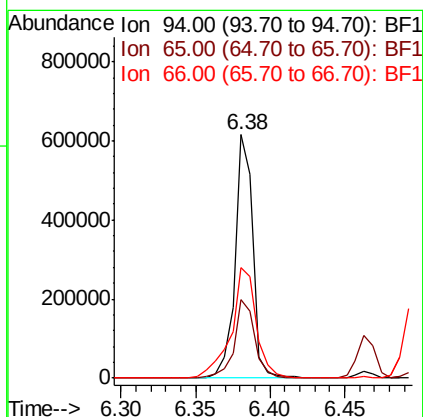
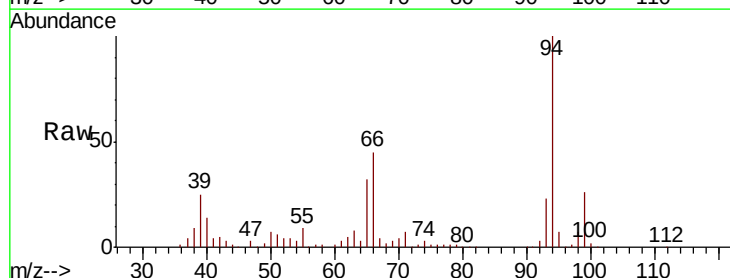
RT: 6.38 min Scan# 730

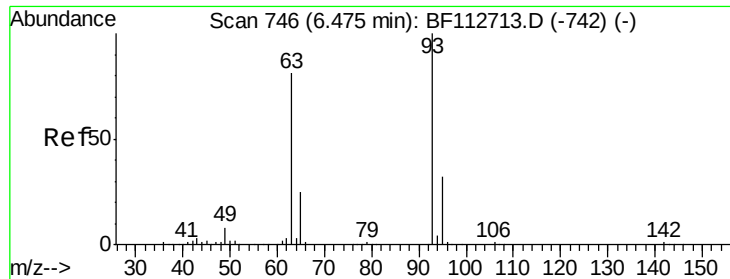
Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Tgt Ion:	94	Resp:	517573
Ion	Ratio	Lower	Upper
94	100		
65	32.1	10.5	50.5
66	45.4	22.6	62.6





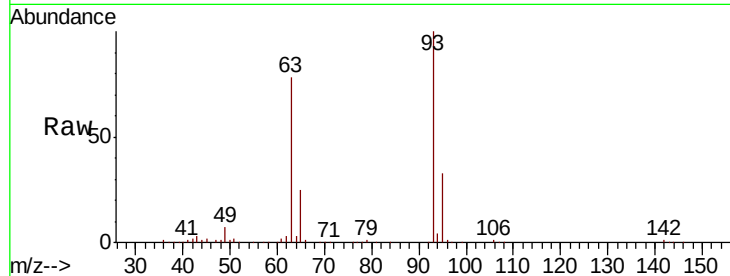
#11
bis(2-Chloroethyl)ether
Concen: 33.519 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.7	60.5	100.5
95	32.9	12.1	52.1

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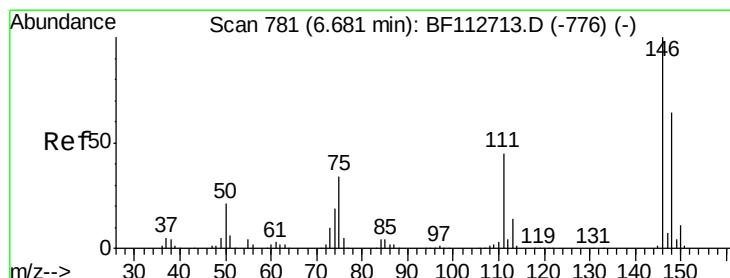
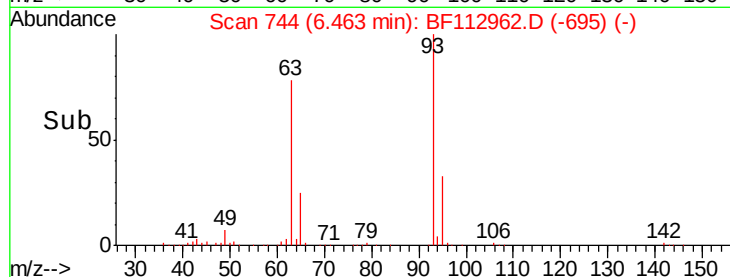
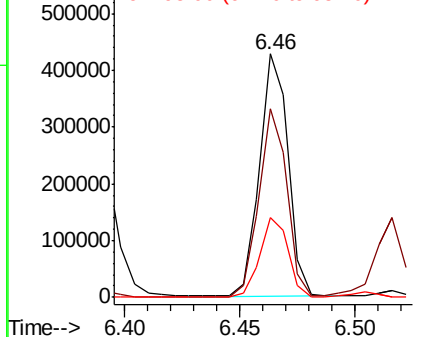


Abundance

Ion 93.00 (92.70 to 93.70): BF1

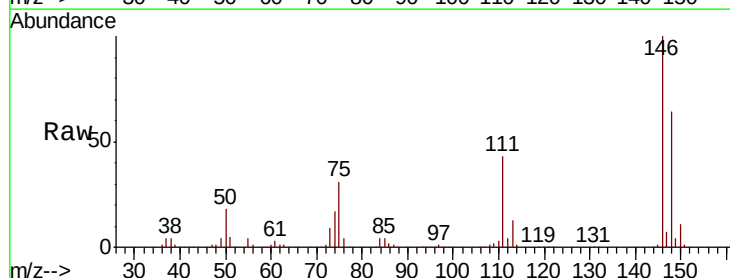
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 35.719 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
75	30.7	26.9	40.3

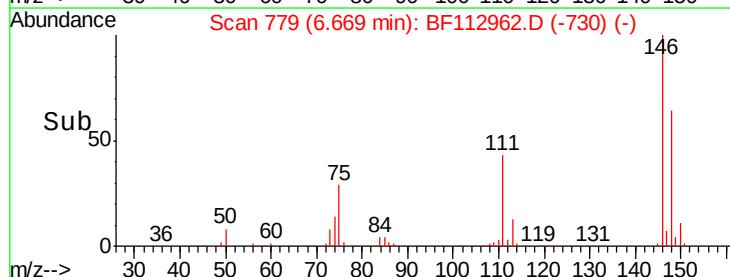
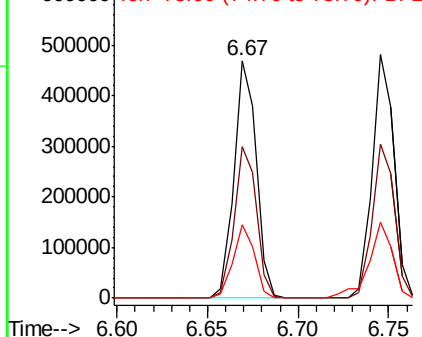


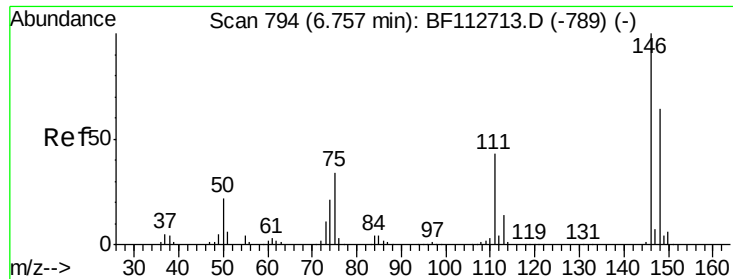
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





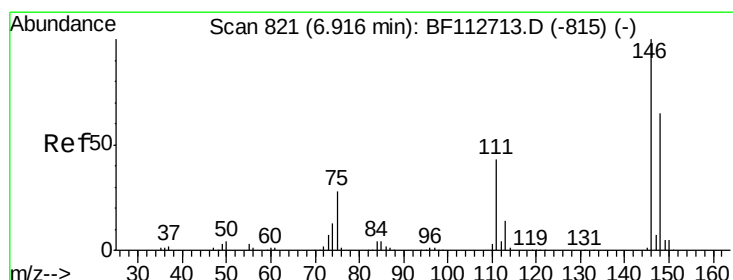
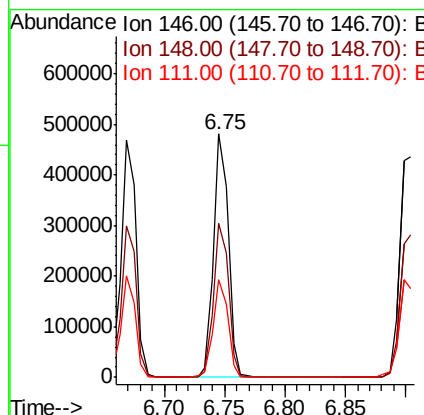
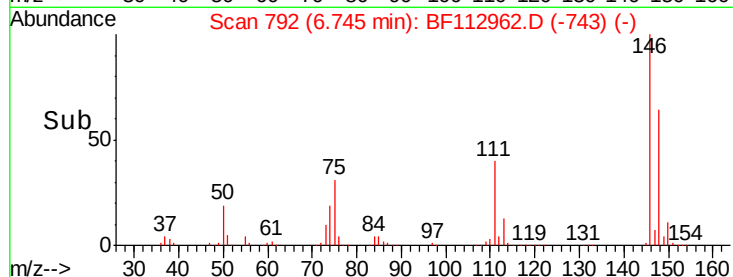
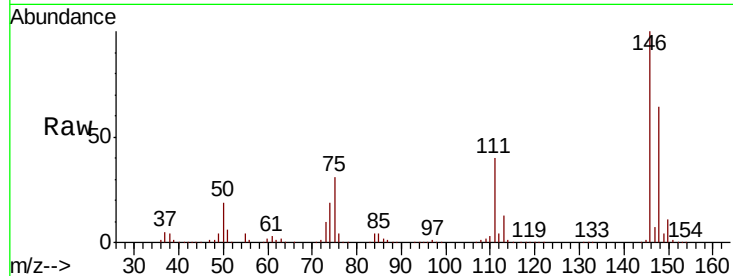
#13
 1,4-Dichlorobenzene
 Concen: 36.201 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	40.2	34.5	51.7

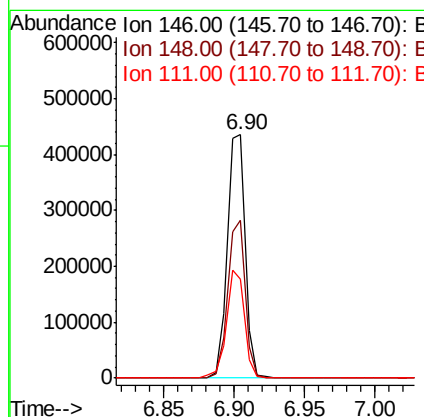
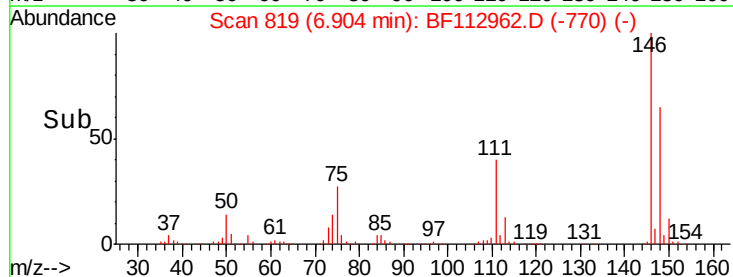
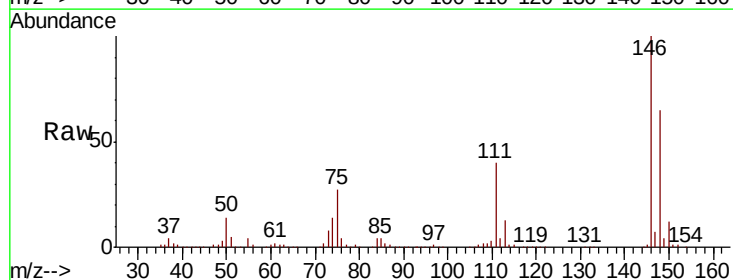
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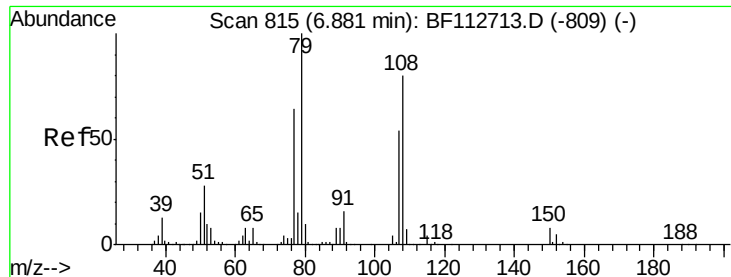
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#14
 1,2-Dichlorobenzene
 Concen: 37.269 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.0	78.0
111	40.4	34.8	52.2





#15

Benzyl Alcohol

Concen: 35.471 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

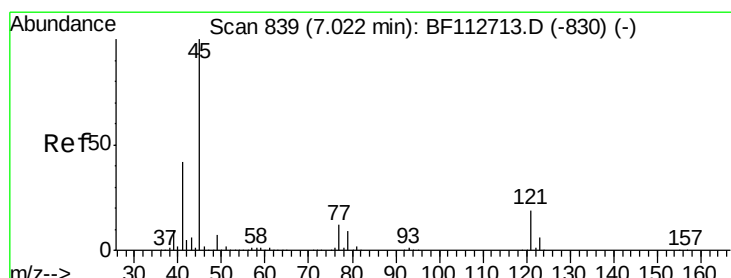
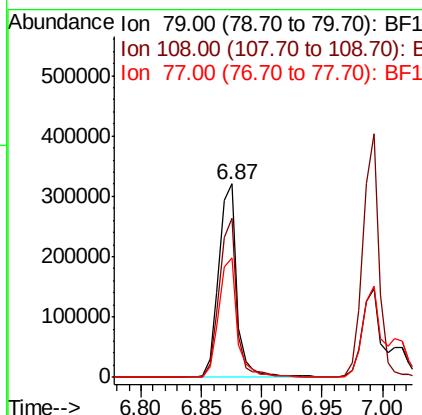
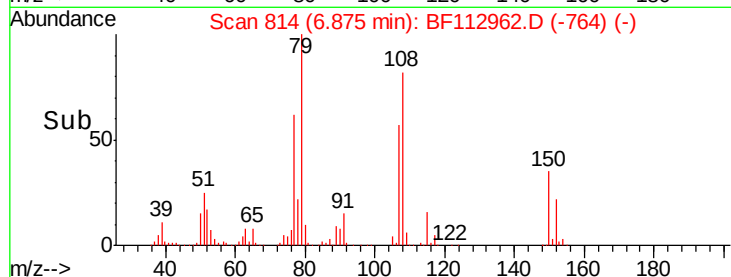
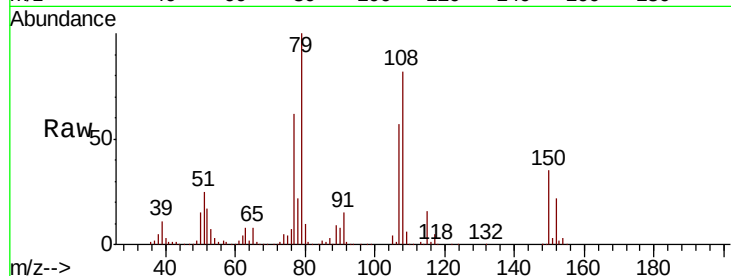
ClientSampled :

SD2-0.0-0.5MSD

Tot Ion:	79	Resp:	332611
Ion Ratio	Lower	Upper	
79	100		
108	82.2	64.2	96.4
77	61.9	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.679 ng

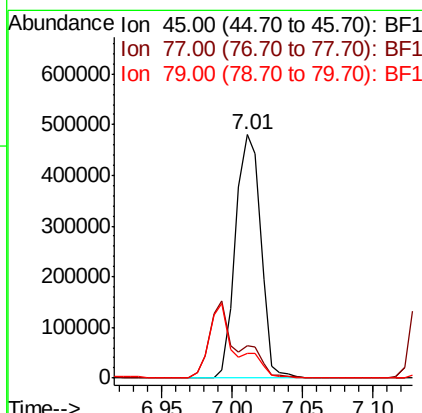
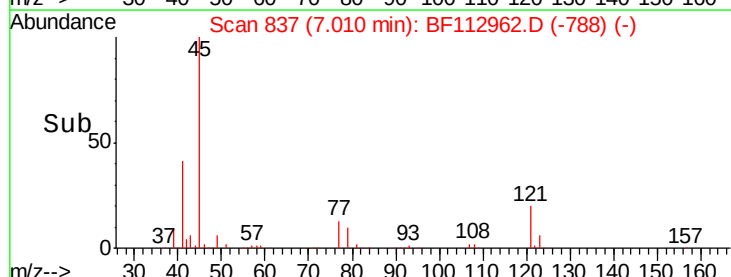
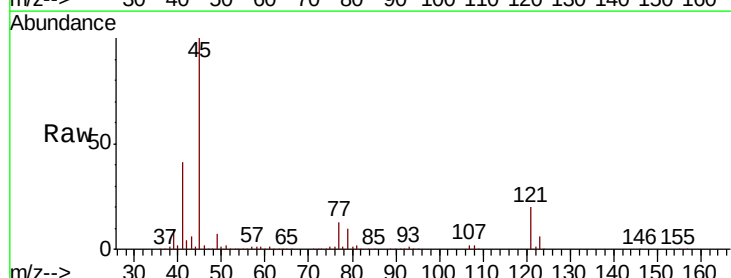
RT: 7.01 min Scan# 837

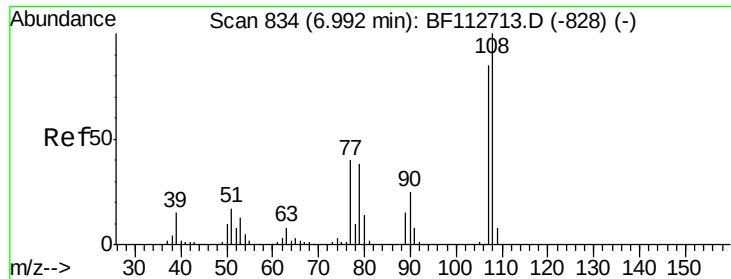
Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Tgt Ion:	45	Resp:	600672
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	32.1
79	10.2	0.0	29.4





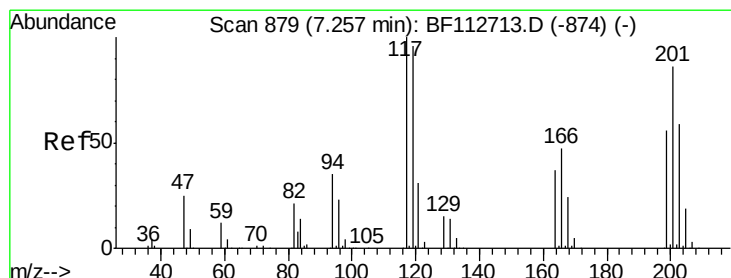
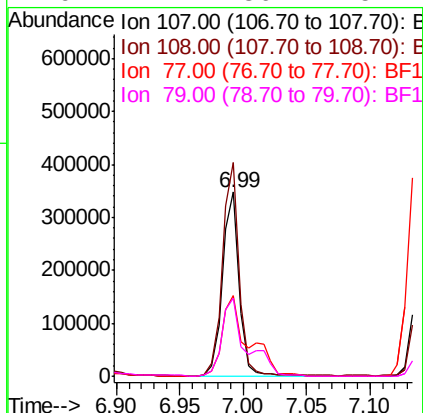
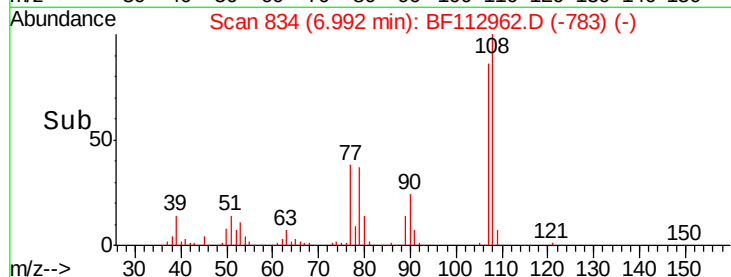
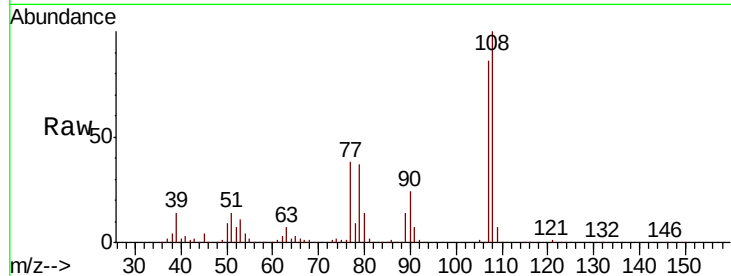
#17
2-Methylphenol
Concen: 36.225 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion:	107	Resp:	320245
Ion Ratio	Lower	Upper	
107	100		
108	116.0	94.6	142.0
77	43.5	37.8	56.8
79	42.4	36.2	54.2

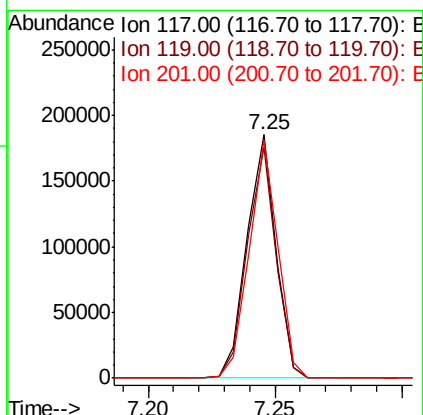
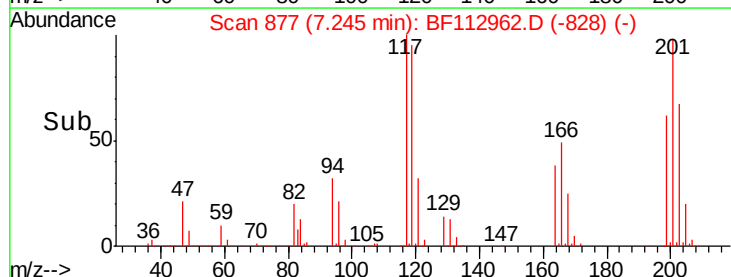
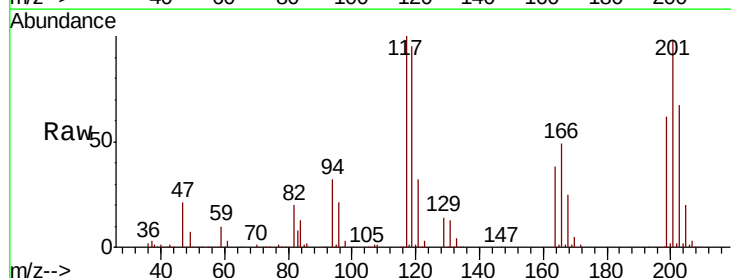
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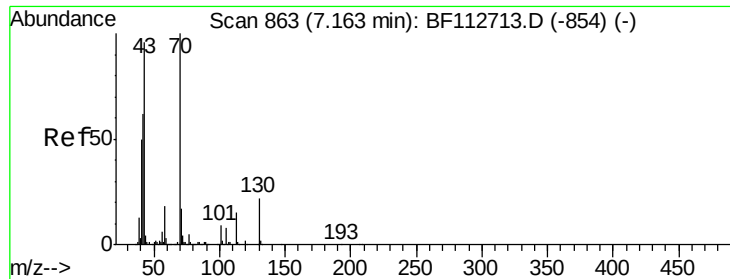
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#18
Hexachloroethane
Concen: 34.125 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion:	117	Resp:	147573
Ion Ratio	Lower	Upper	
117	100		
119	94.8	76.6	115.0
201	97.8	68.9	103.3





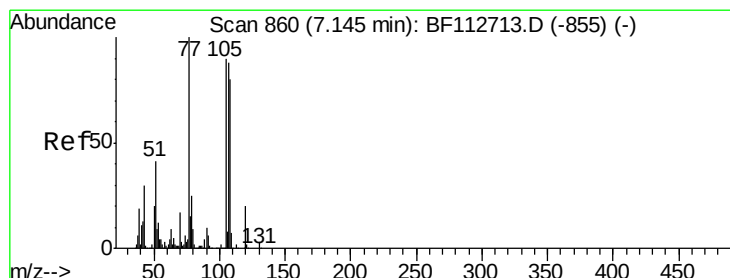
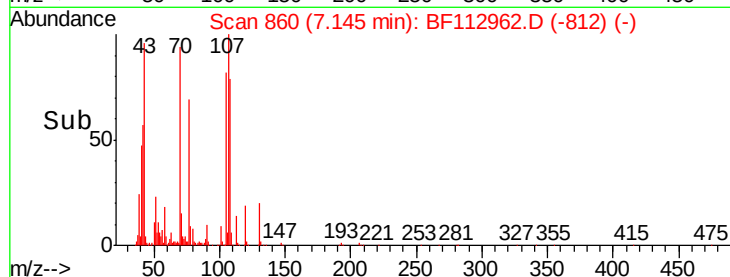
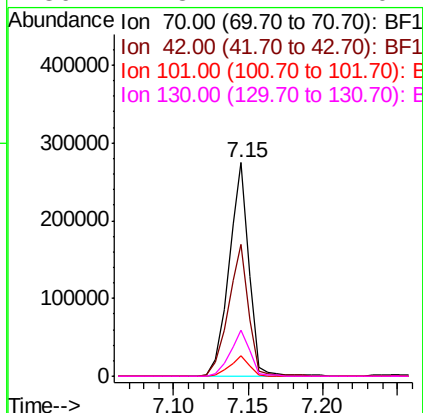
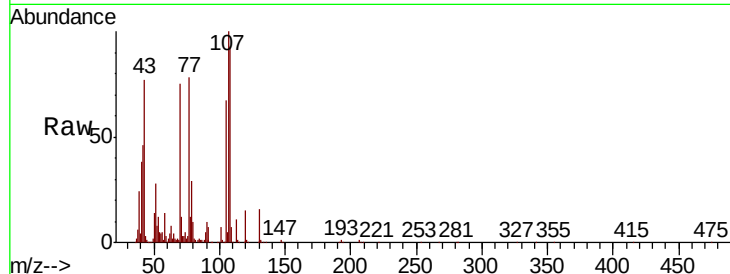
#19
n-Nitroso-di-n-propylamine
Concen: 33.425 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.5	49.9	74.9	
101	9.6	7.4	11.2	
130	21.8	17.4	26.2	

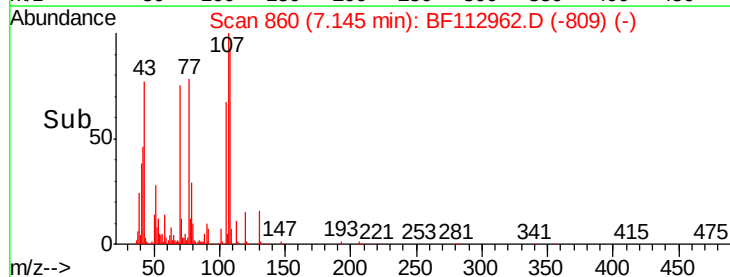
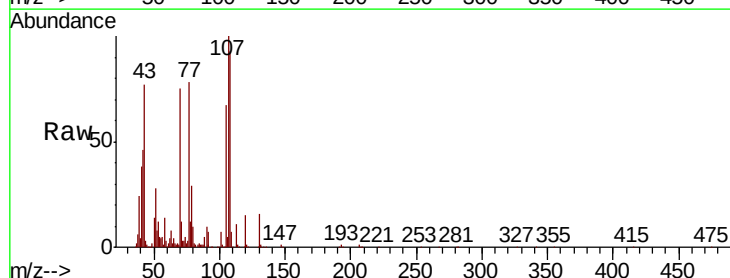
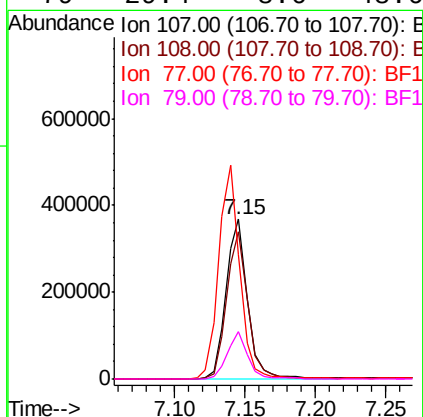
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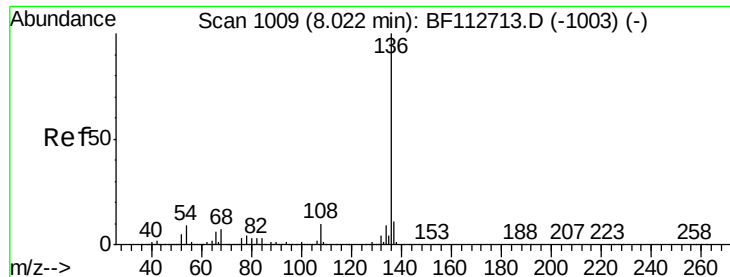
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#20
3+4-Methylphenols
Concen: 38.467 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	71.4	111.4	
77	78.0	94.1	134.1#	
79	29.4	8.6	48.6	





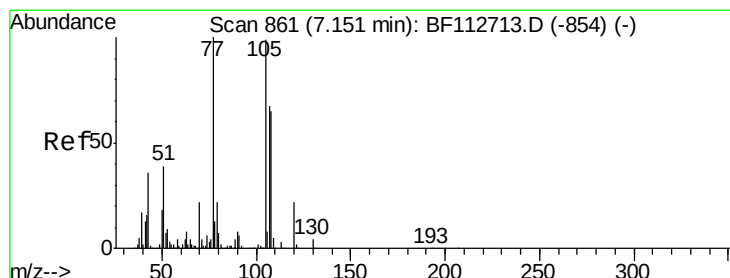
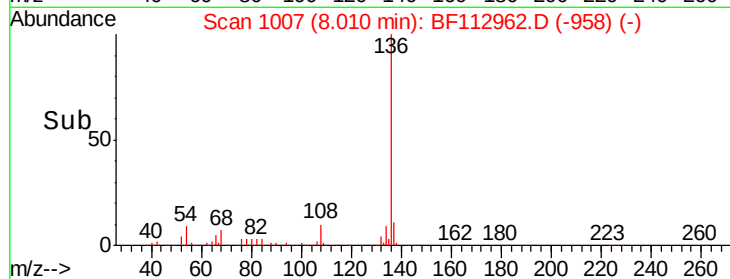
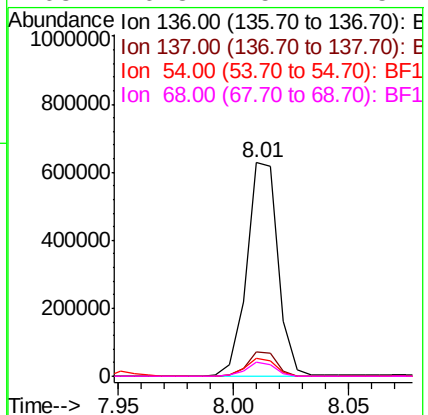
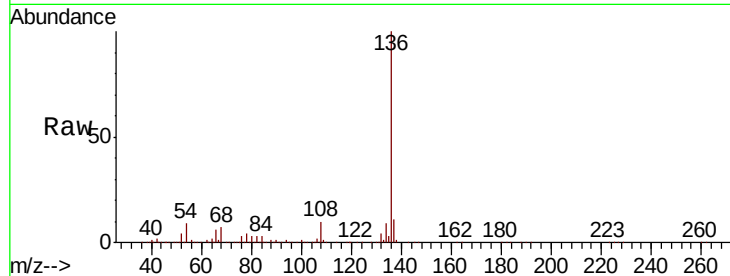
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	596035		
137	11.3	8.9	13.3	
54	8.6	7.3	10.9	
68	6.8	5.4	8.2	

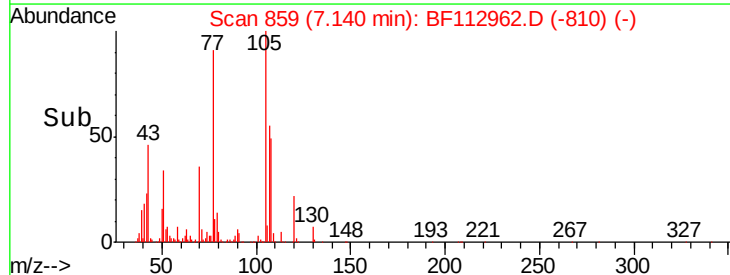
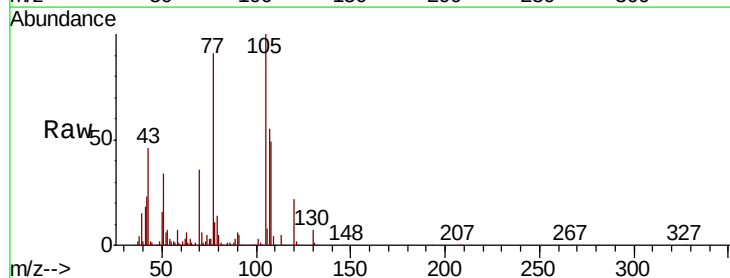
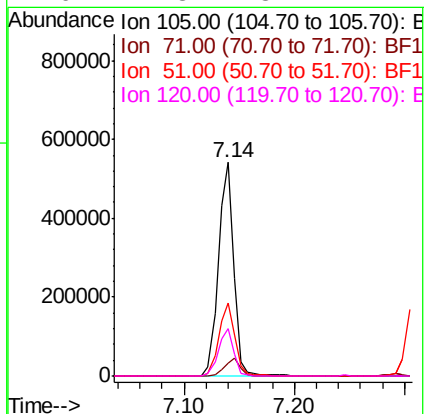
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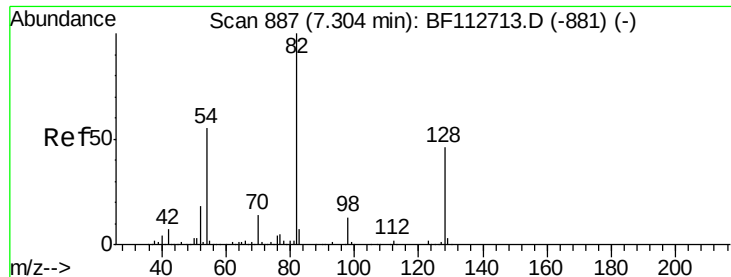
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#22
Acetophenone
Concen: 37.464 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	522131		
71	6.0	3.0	4.4#	
51	34.0	31.5	47.3	
120	22.3	18.1	27.1	





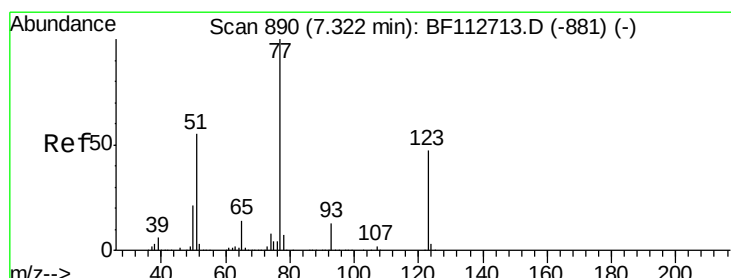
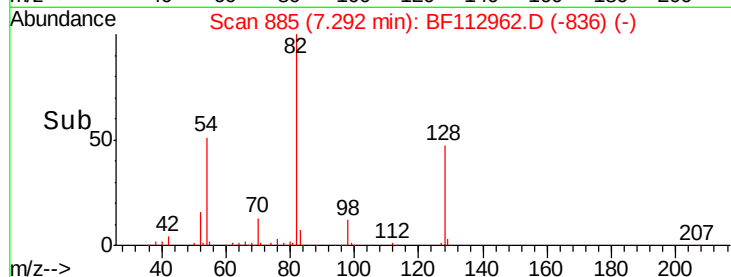
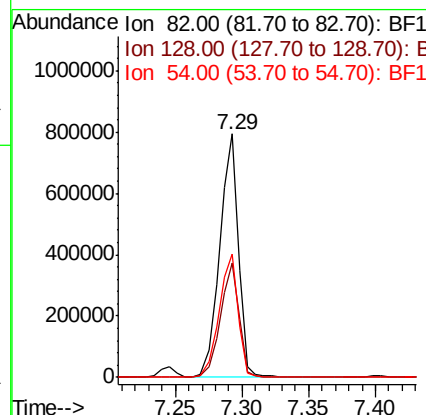
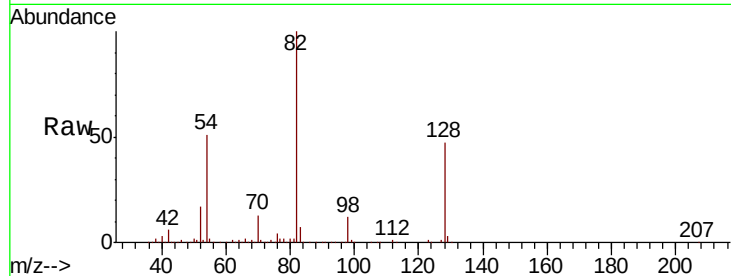
#23
 Nitrobenzene-d5
 Concen: 78.752 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampled :
 SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	50.8	43.7	65.5

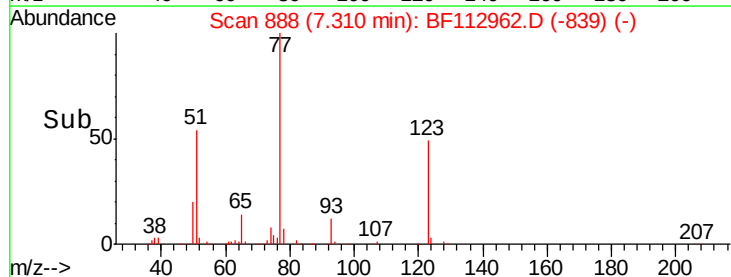
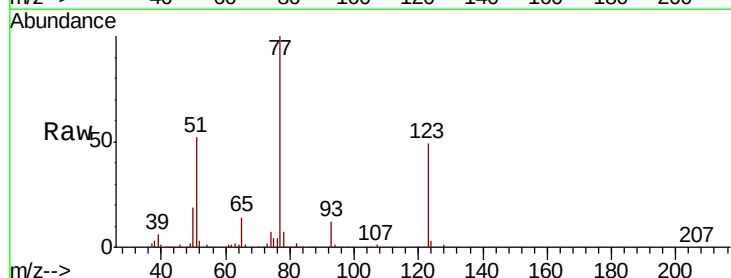
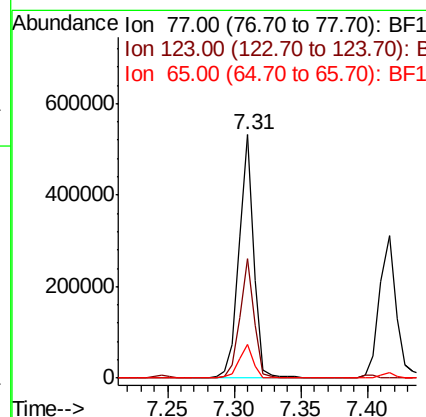
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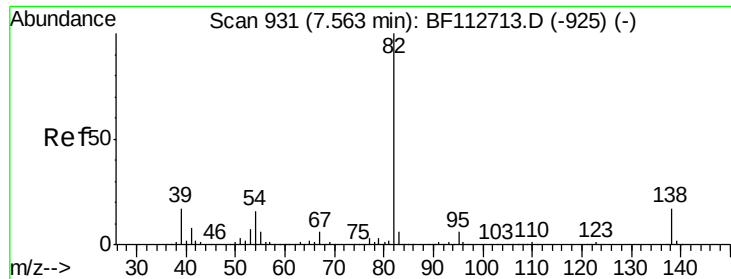
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#24
 Nitrobenzene
 Concen: 37.186 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.8	56.6
65	13.7	11.1	16.7





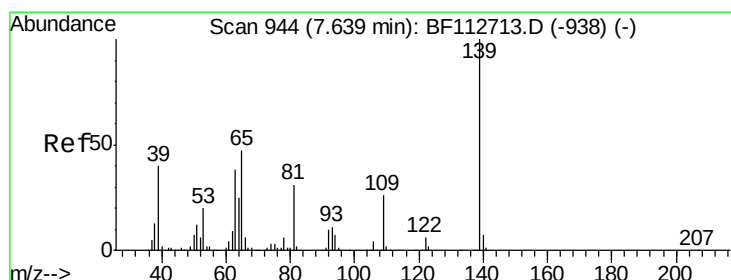
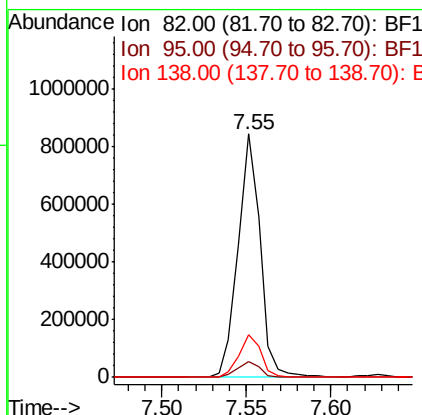
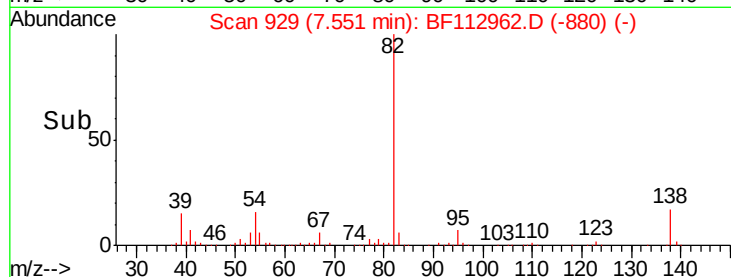
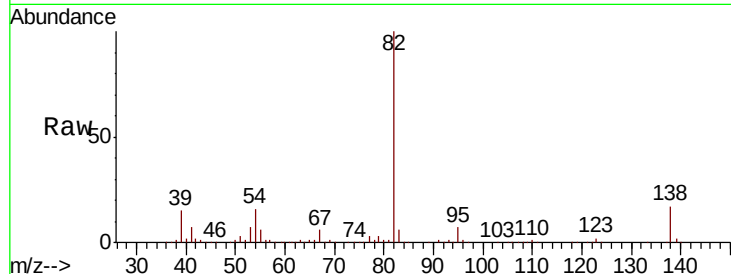
#25
Isophorone
Concen: 35.778 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.7	5.2	7.8	
138	17.3	13.8	20.8	

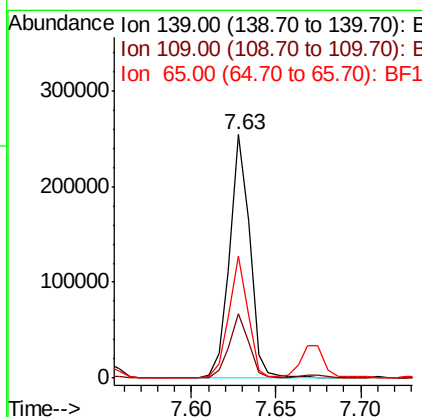
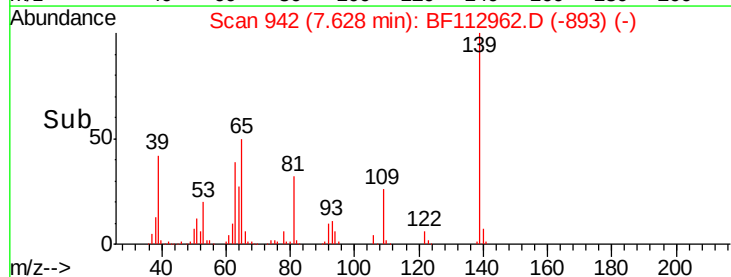
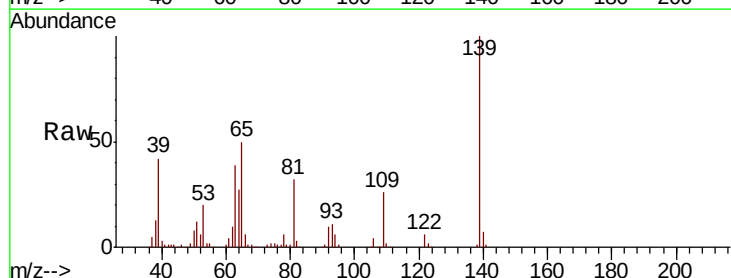
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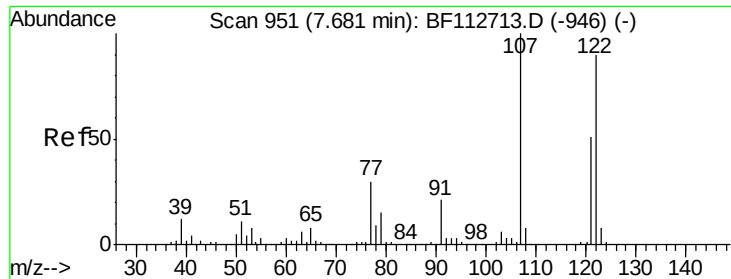
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#26
2-Nitrophenol
Concen: 45.798 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.2	20.6	31.0	
65	50.0	37.9	56.9	





#27

2,4-Dimethylphenol

Concen: 40.994 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

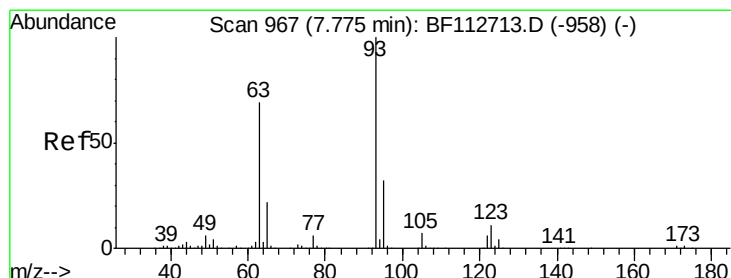
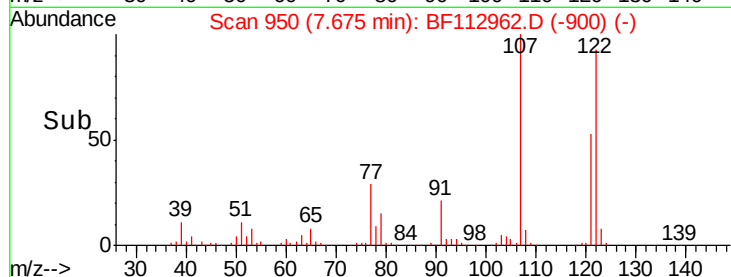
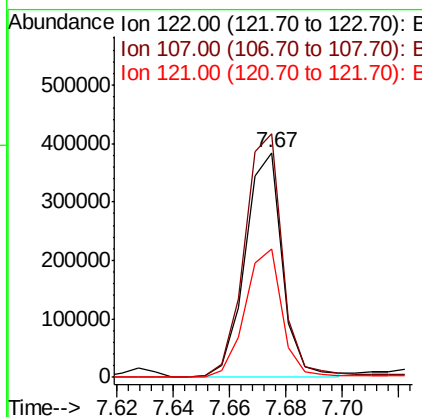
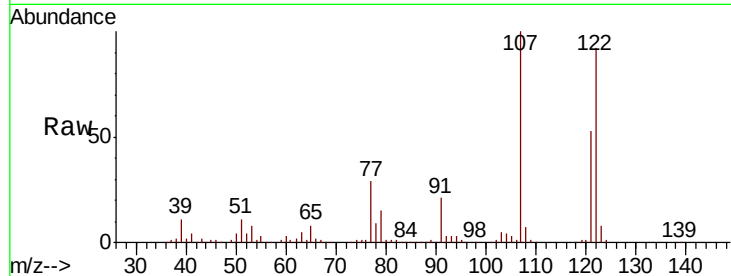
ClientSampleId :

SD2-0.0-0.5MSD

Tot Ion:	122	Resp:	351969
Ion Ratio	Lower	Upper	
122	100		
107	108.2	89.4	134.0
121	57.0	45.5	68.3

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#28

bis(2-Chloroethoxy)methane

Concen: 35.321 ng

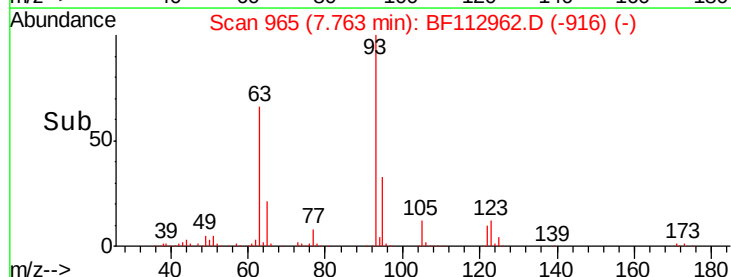
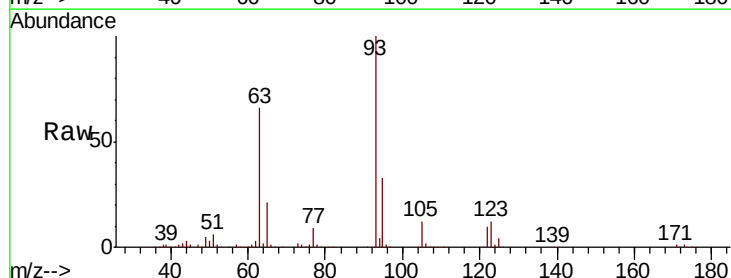
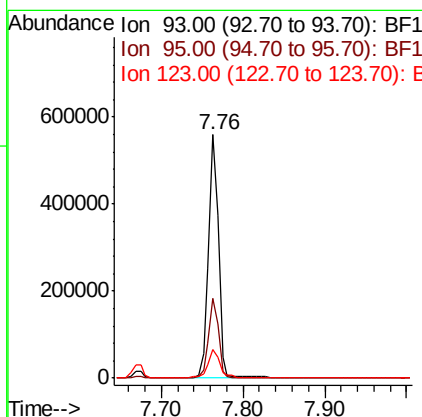
RT: 7.76 min Scan# 965

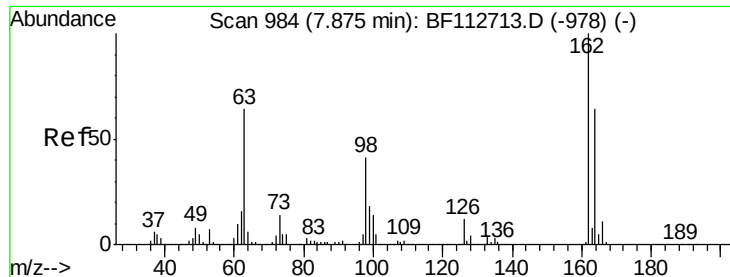
Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Tgt Ion:	93	Resp:	473879
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.0	39.0
123	11.8	9.3	13.9





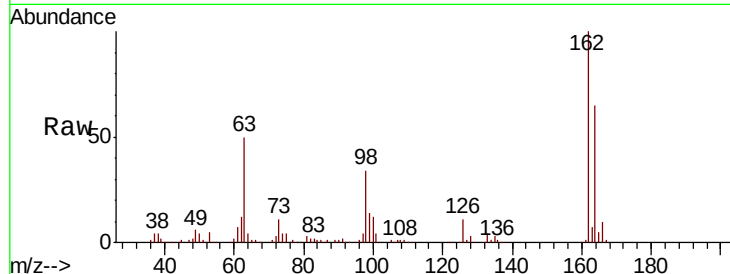
#29
2,4-Dichlorophenol
Concen: 41.237 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	343341		
164	64.8	44.0	84.0	
98	34.5	20.7	60.7	

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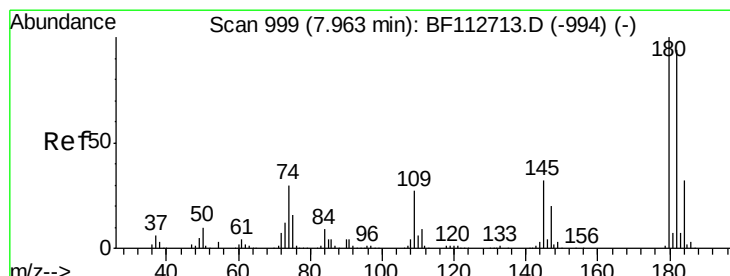
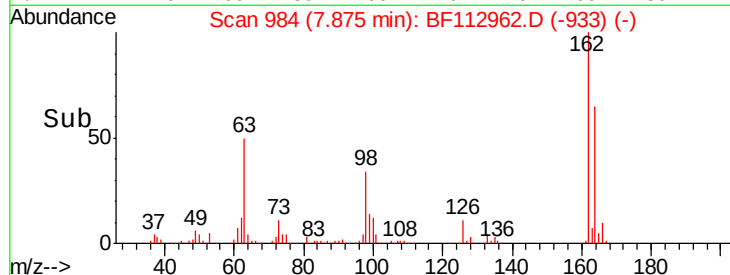
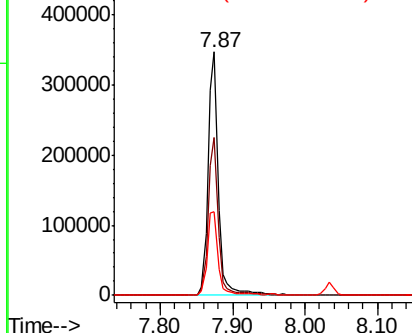


Abundance

Ion 162.00 (161.70 to 162.70): E

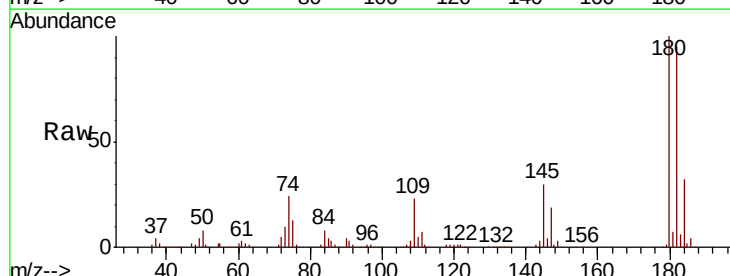
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.537 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	344760		
182	95.5	75.2	112.8	
145	29.8	25.4	38.0	

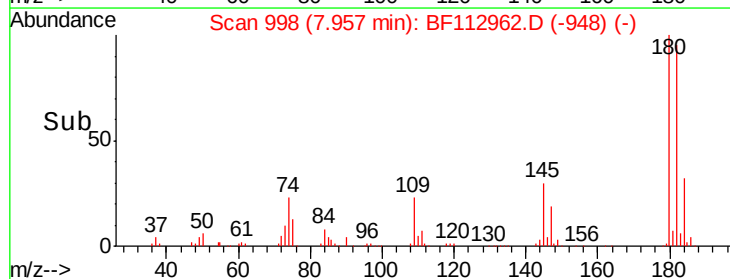
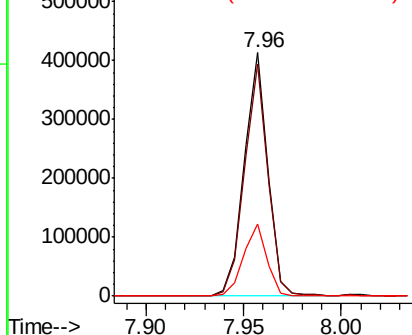


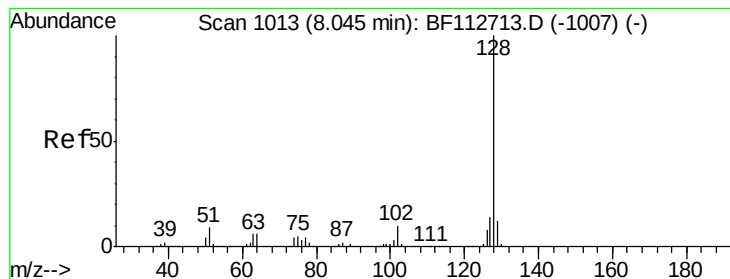
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.728 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

Tot Ion:128 Resp: 1116443

Ion Ratio Lower Upper

128 100

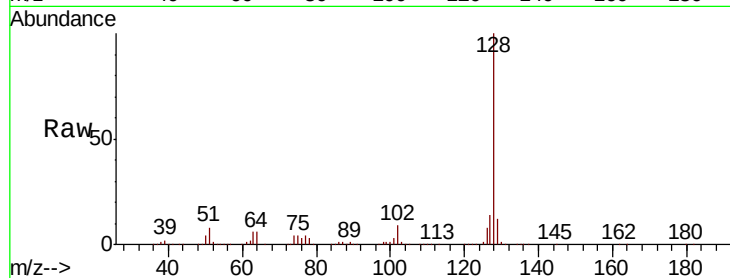
129 11.6 9.3 13.9

127 13.5 10.9 16.3

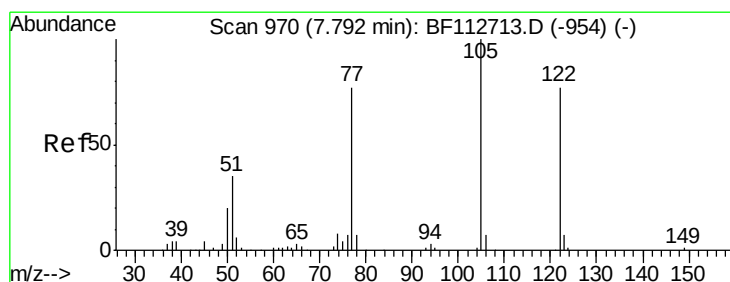
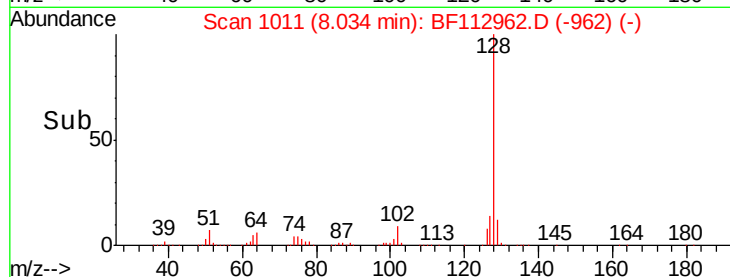
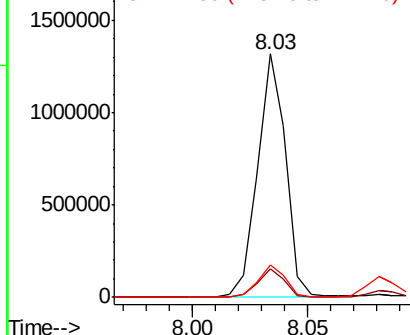
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.448 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

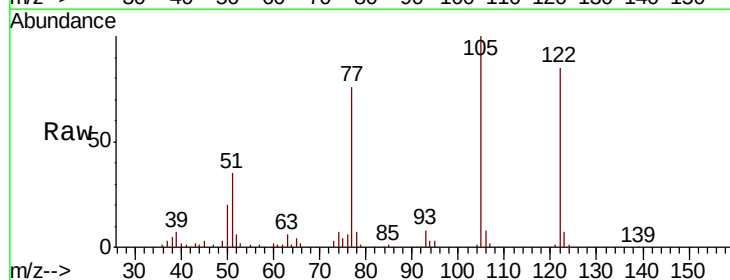
Tgt Ion:122 Resp: 225347

Ion Ratio Lower Upper

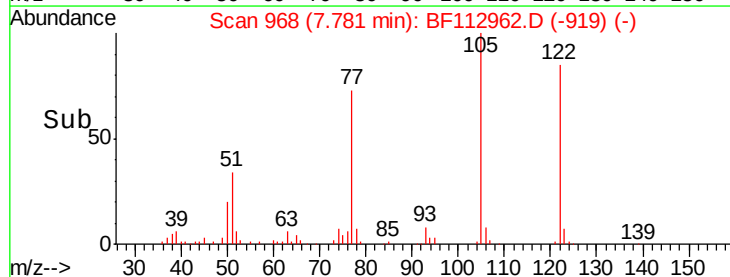
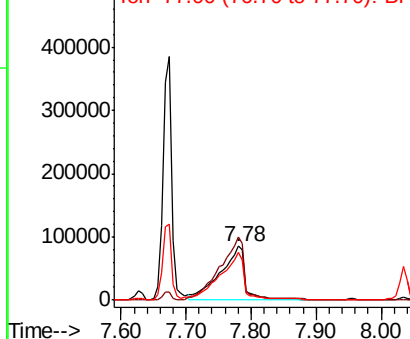
122 100

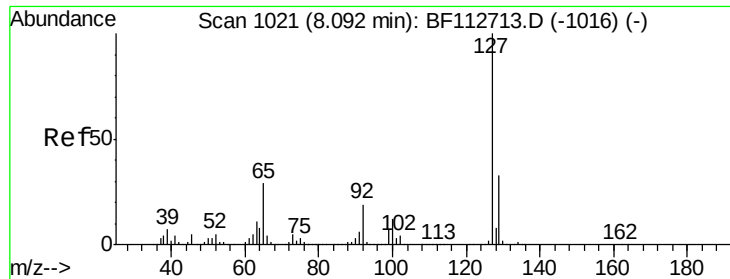
105 117.2 106.8 146.8

77 89.2 79.4 119.4



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





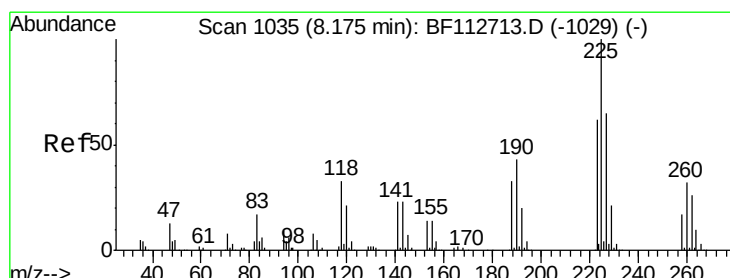
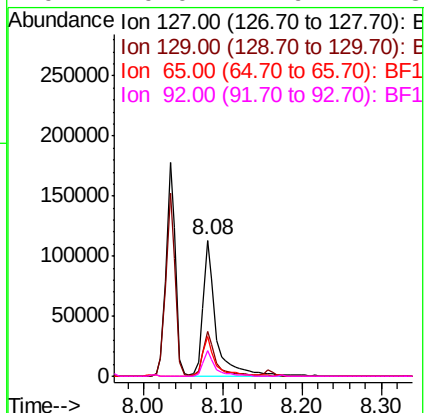
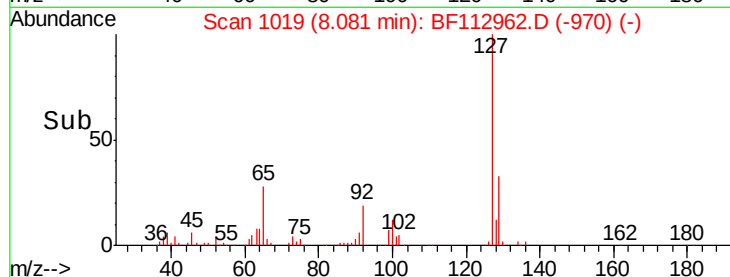
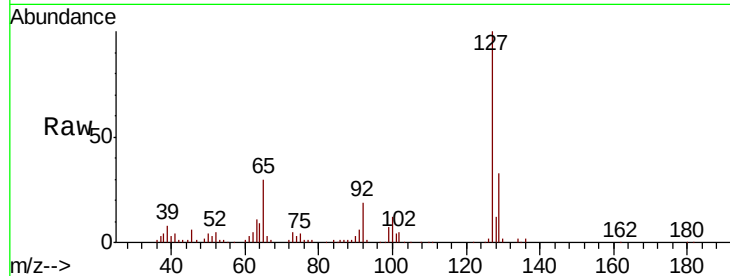
#33
4-Chloroaniline
Concen: 10.671 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	29.5	23.1	34.7
92	19.0	14.9	22.3

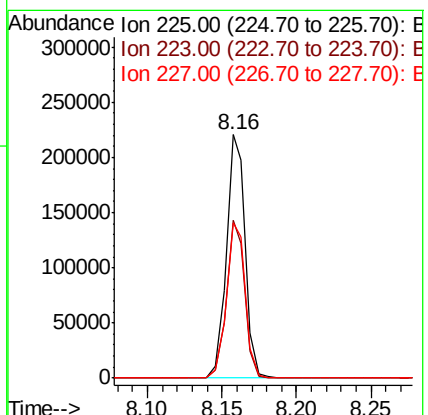
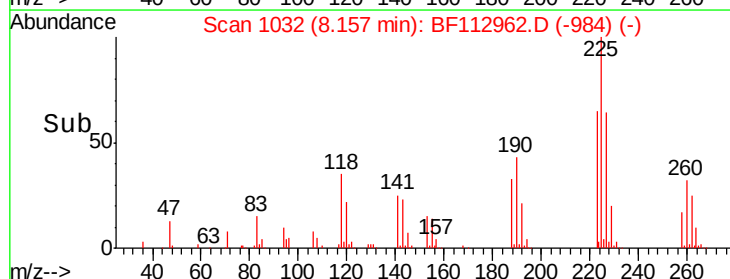
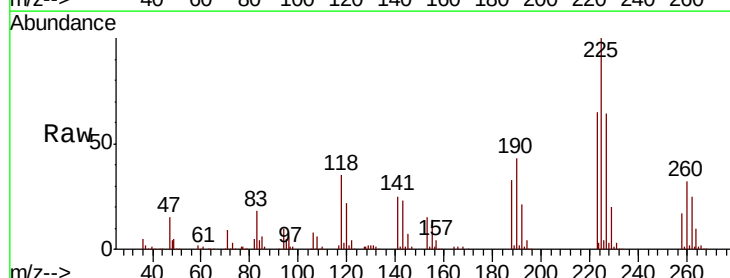
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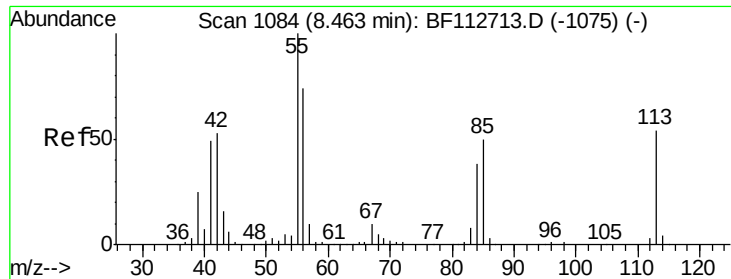
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#34
Hexachlorobutadiene
Concen: 39.075 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.7	74.5
227	63.9	52.1	78.1





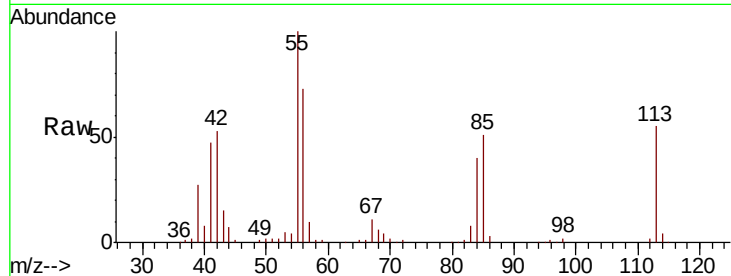
#35
Caprolactam
Concen: 42.260 ng/ml
RT: 8.44 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.1	163.5	203.5
56	131.9	115.3	155.3

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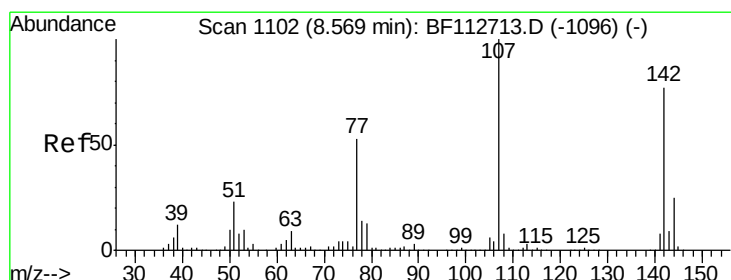
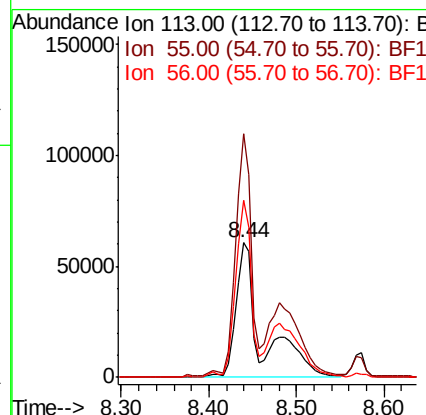
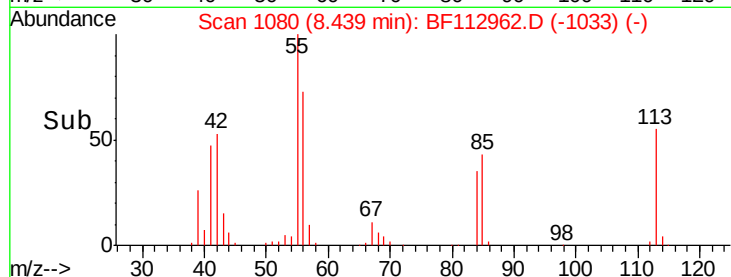


Abundance

Ion 113.00 (112.70 to 113.70): E

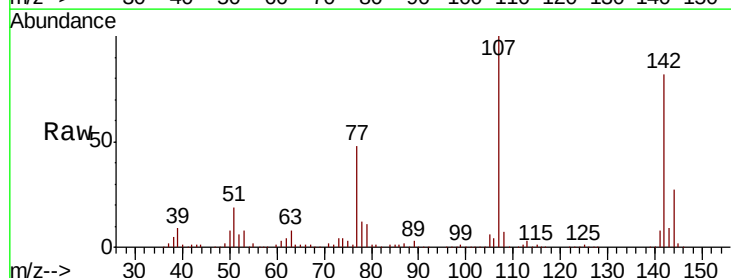
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 40.934 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.1	30.1
142	81.8	61.9	92.9

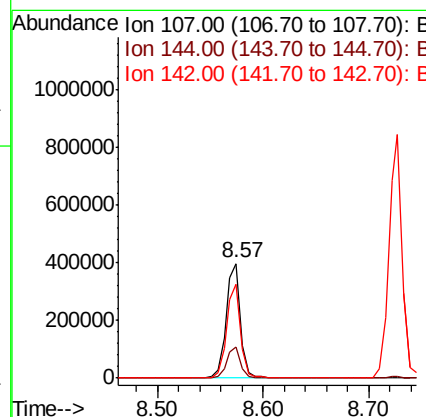
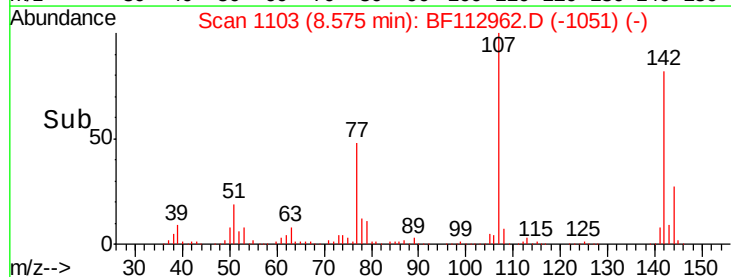


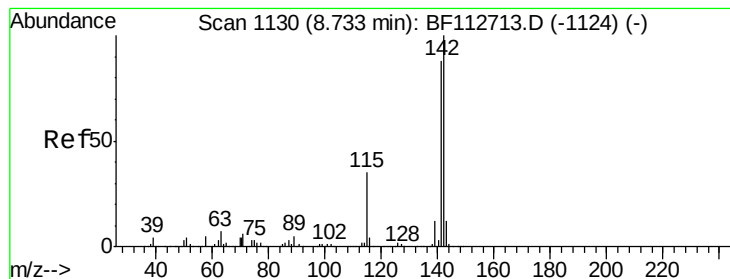
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





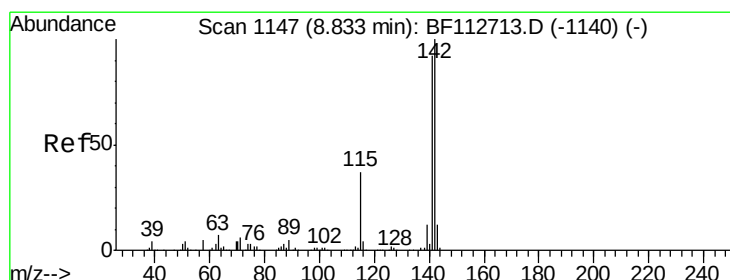
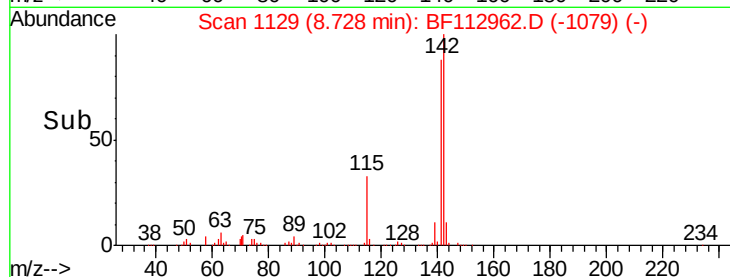
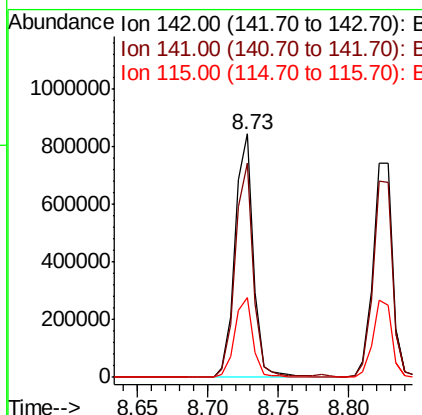
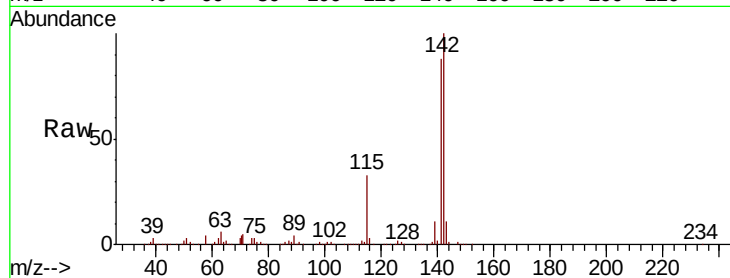
#37
2-Methylnaphthalene
Concen: 40.038 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5
115	32.7	27.8	41.6

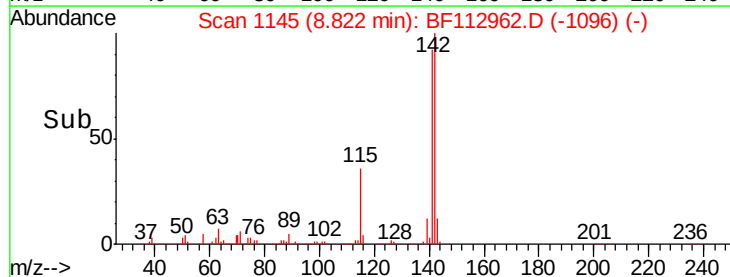
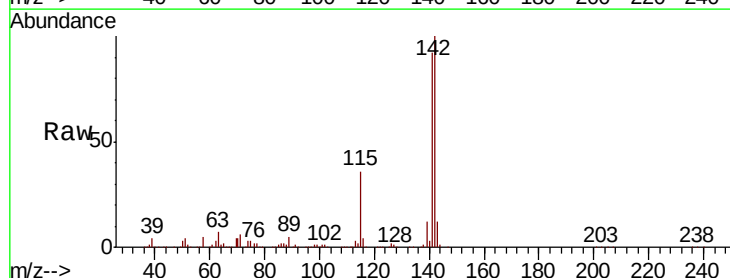
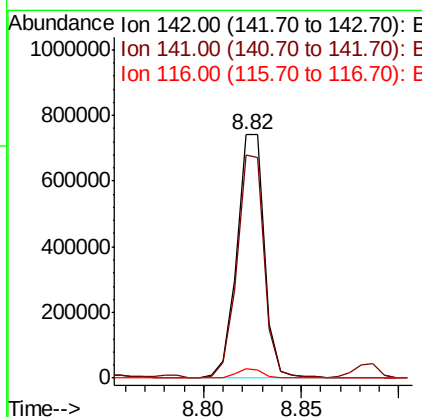
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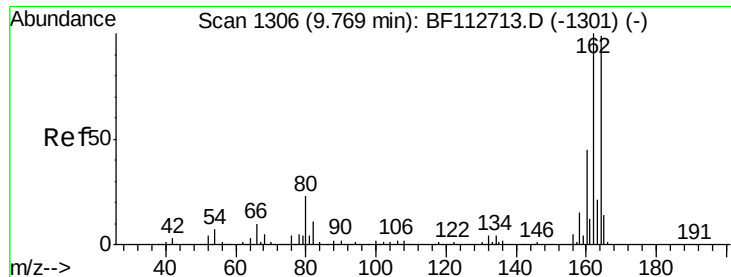
Sohil
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#38
1-Methylnaphthalene
Concen: 38.626 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.7	110.5
116	3.8	3.1	4.7





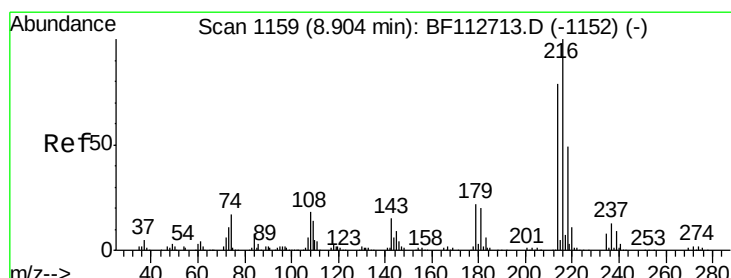
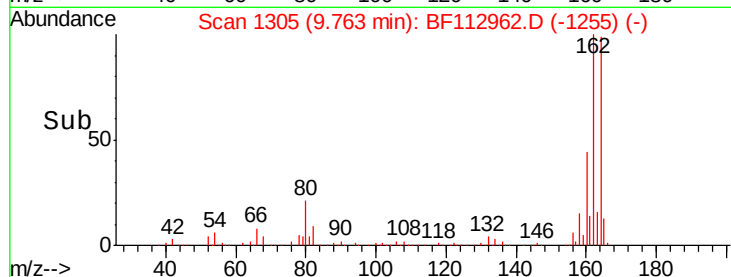
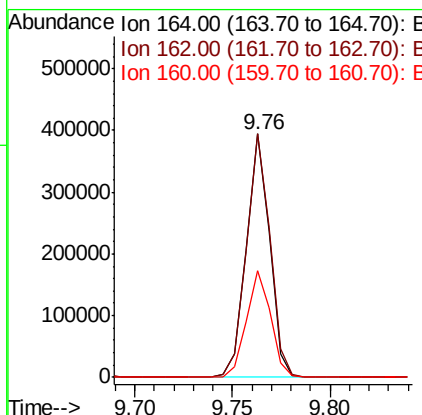
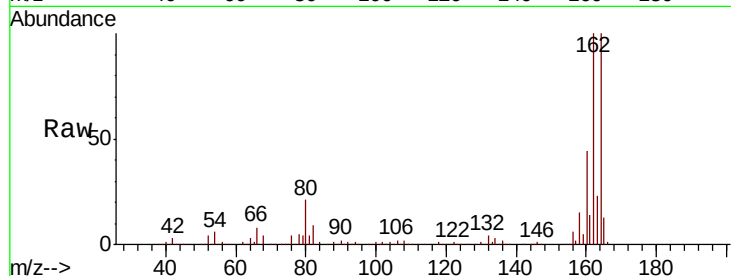
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.0	80.6	120.8	
160	43.9	36.0	54.0	

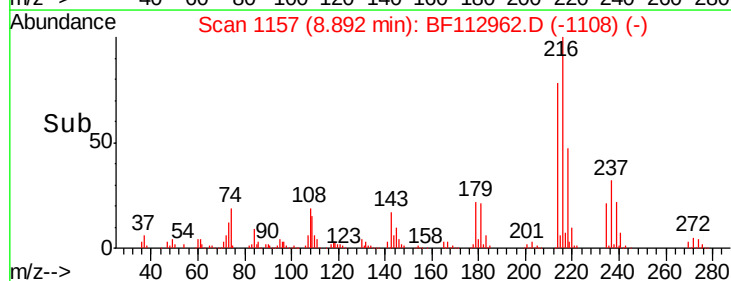
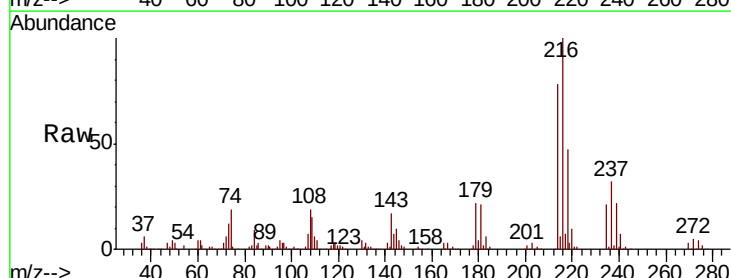
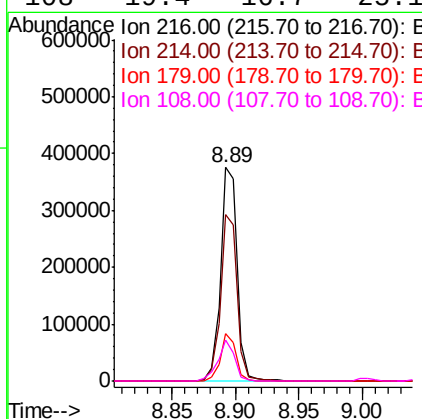
Manual Integrations
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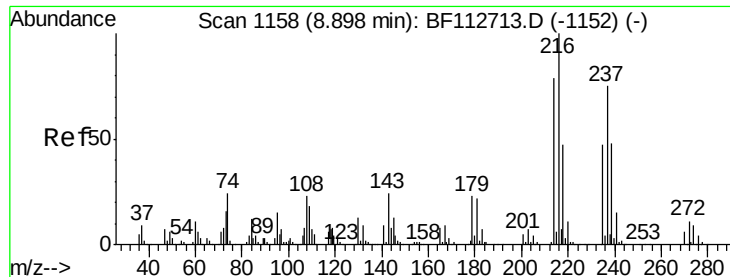
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.506 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.7	63.2	94.8	
179	20.7	17.5	26.3	
108	19.4	16.7	25.1	





#41

Hexachlorocyclopentadiene

Concen: 62.745 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

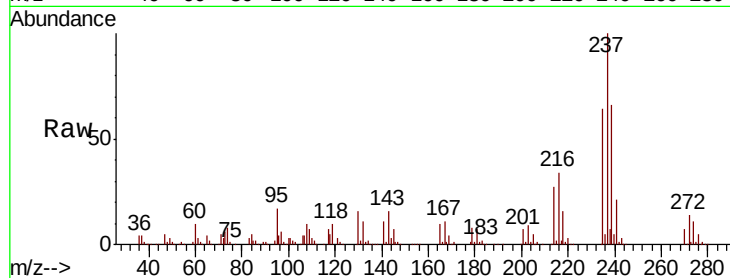
ClientSampleId :

SD2-0.0-0.5MSD

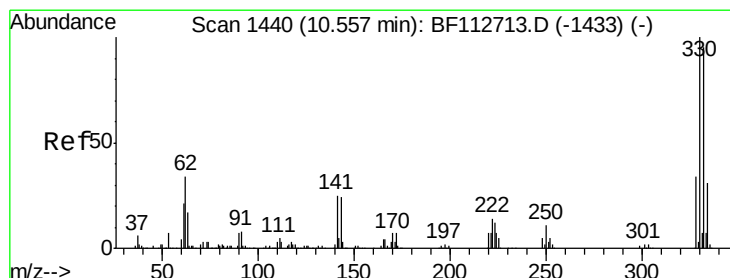
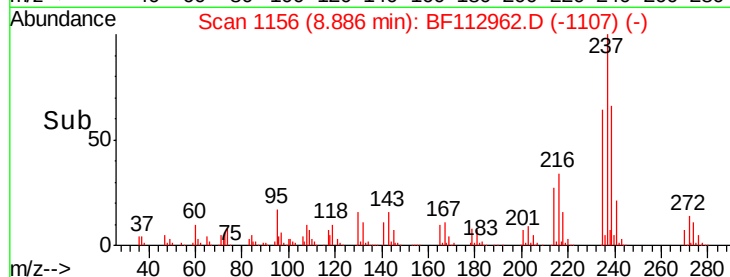
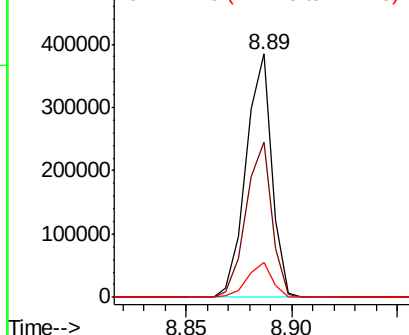
Tot Ion:	237	Resp:	325995
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.2	82.2
272	14.3	0.0	34.0

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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: 122.144 ng

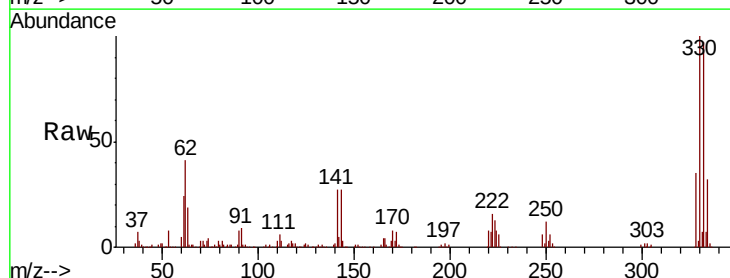
RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

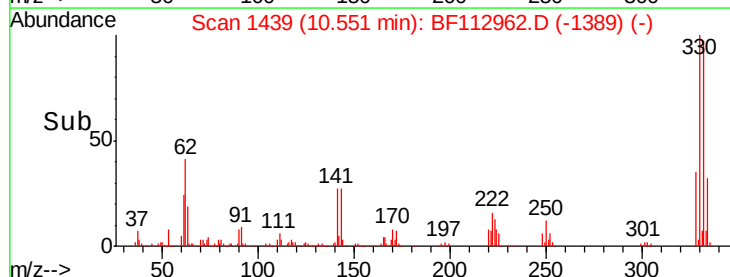
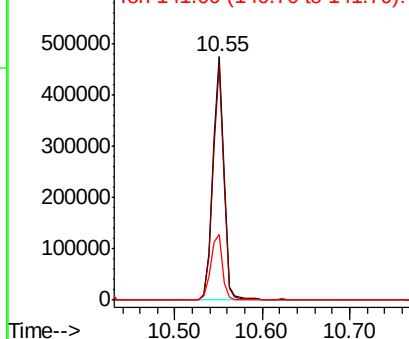
Lab File: BF112962.D

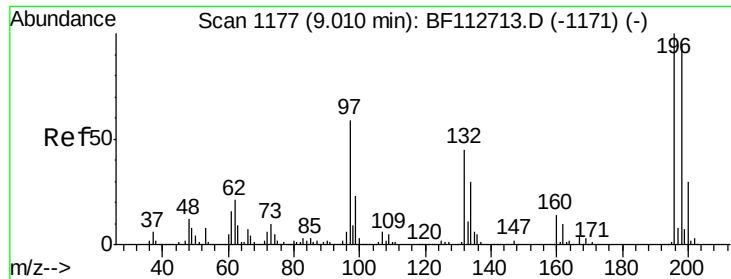
Acq: 11 Mar 2019 18:43

Tgt Ion:	330	Resp:	421897
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.2	114.4
141	28.4	27.0	40.6



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





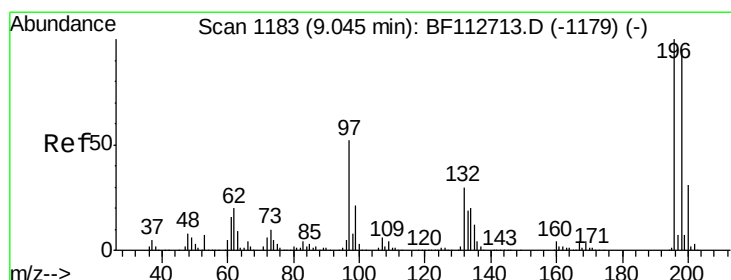
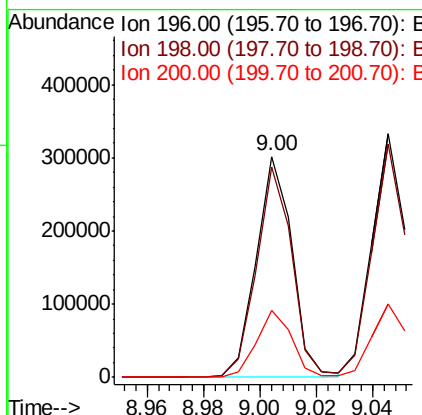
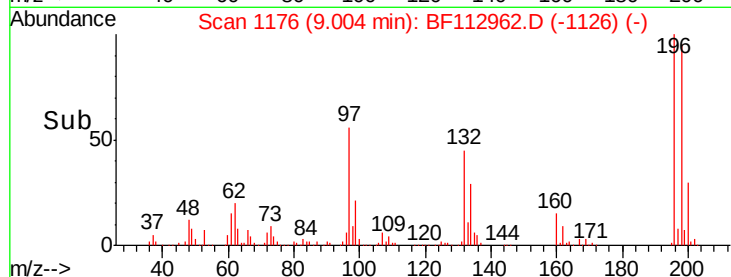
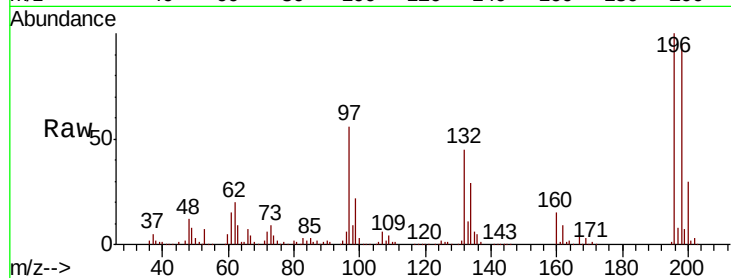
#43
 2,4,6-Trichlorophenol
 Concen: 40.710 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Tot Ion:	196	Resp:	265830
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.8	113.8
200	30.3	24.3	36.5

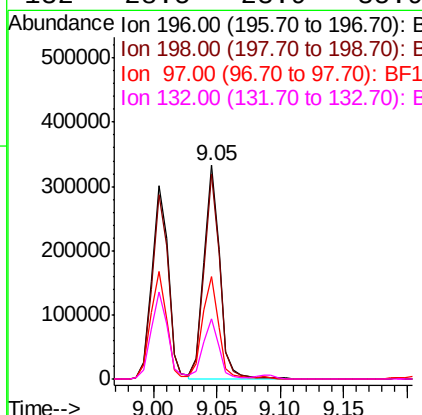
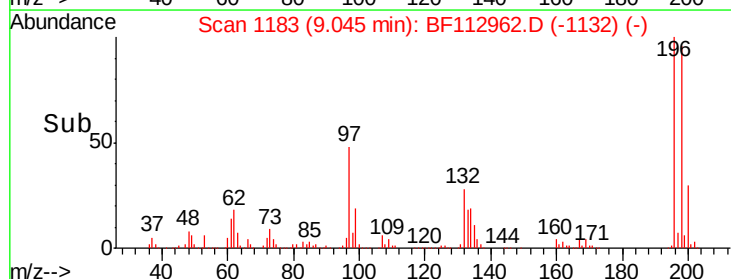
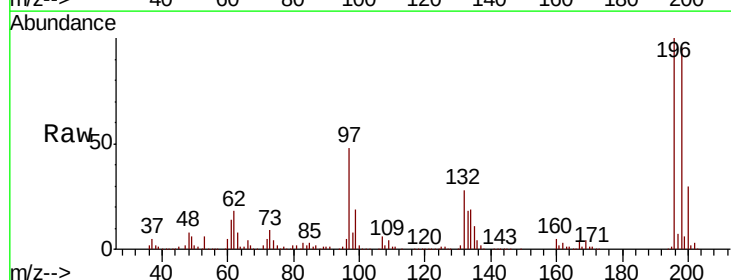
Manual Integrations
 APPROVED

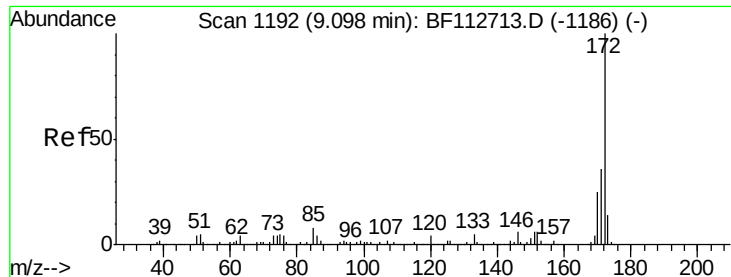
Sohil
 3/12/2019 4:28:43 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.361 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion:	196	Resp:	291921
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.2	114.2
97	48.0	41.5	62.3
132	28.5	23.9	35.9





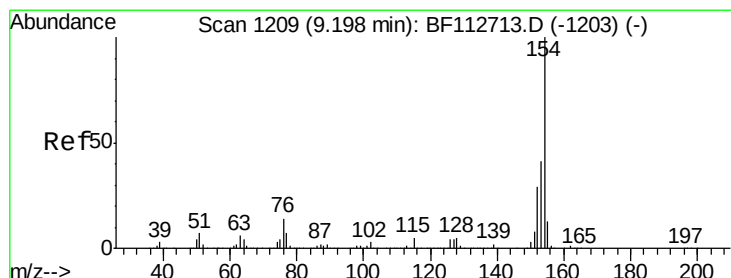
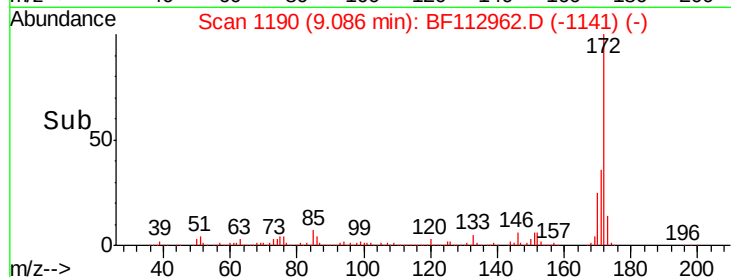
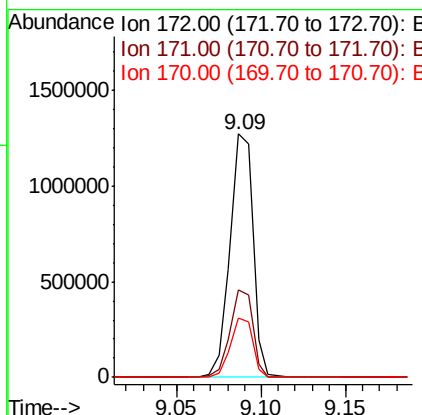
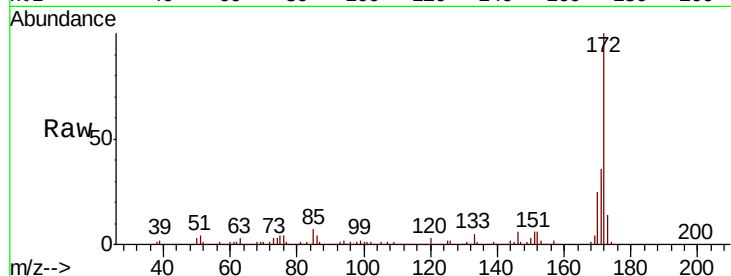
#45
2-Fluorobiphenyl
Concen: 56.215 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.6	20.0	30.0

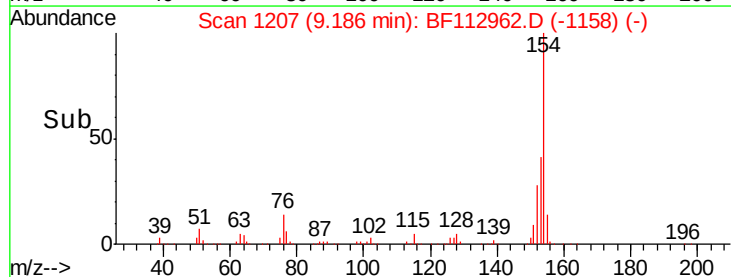
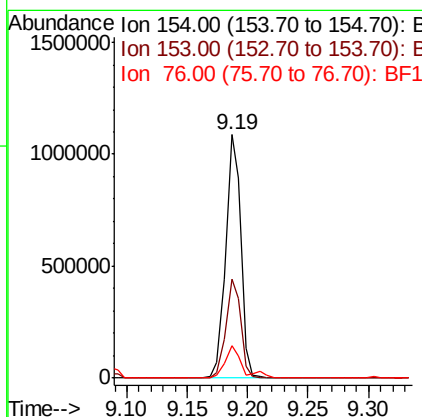
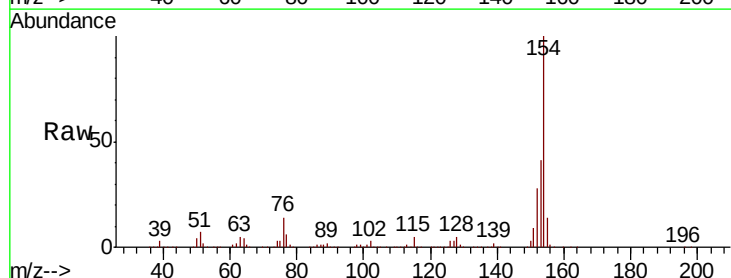
Manual Integrations
APPROVED

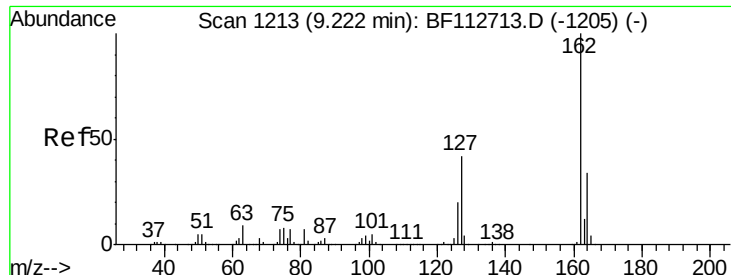
Sohil
3/12/2019 4:28:43 PM



#46
1,1'-Biphenyl
Concen: 35.576 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	13.6	0.0	33.8





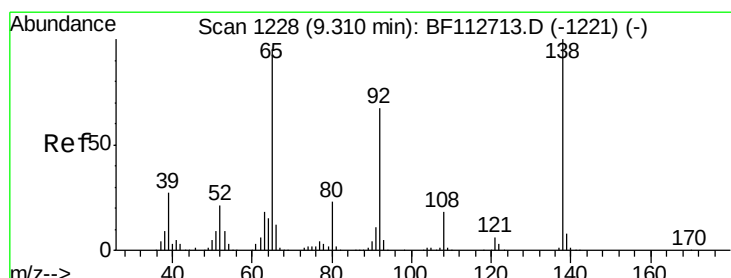
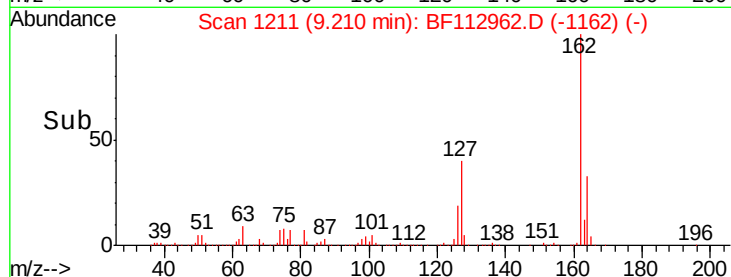
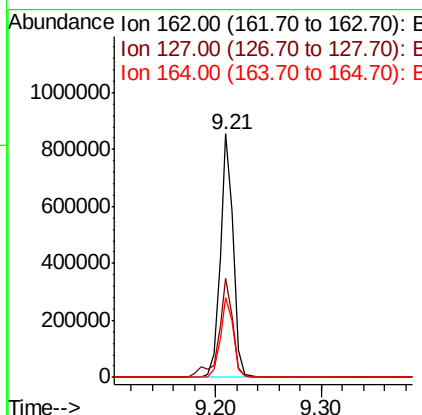
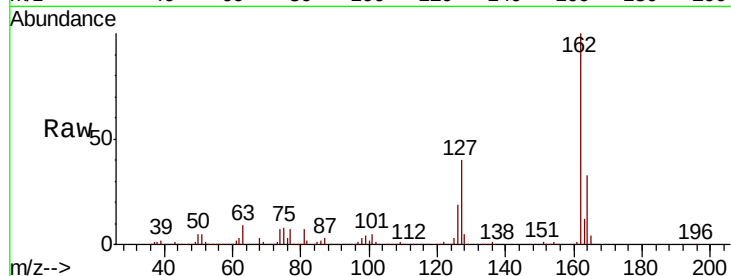
#47
2-Chloronaphthalene
Concen: 35.457 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.4	50.2
164	32.7	26.9	40.3

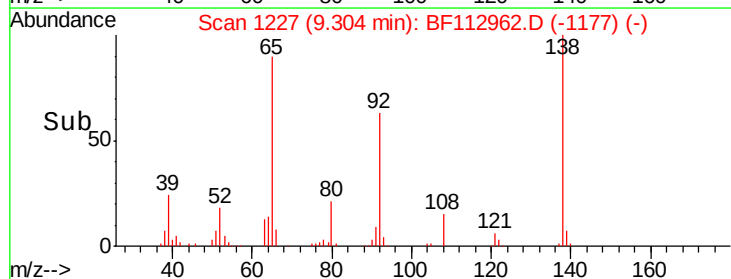
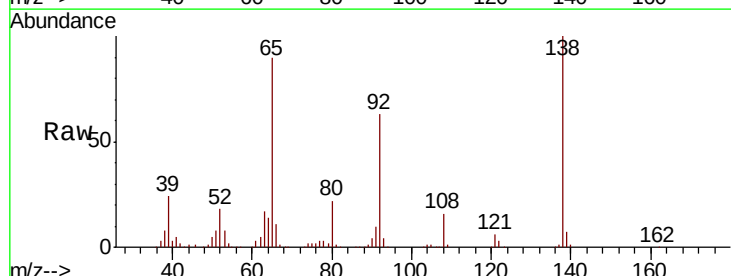
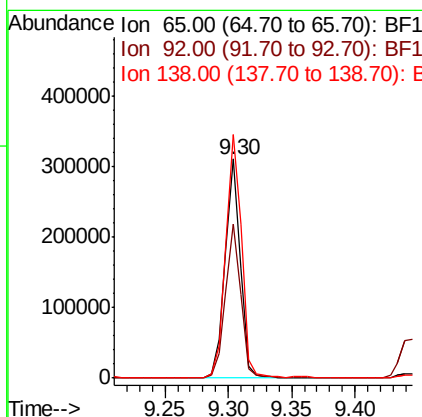
Manual Integrations
APPROVED

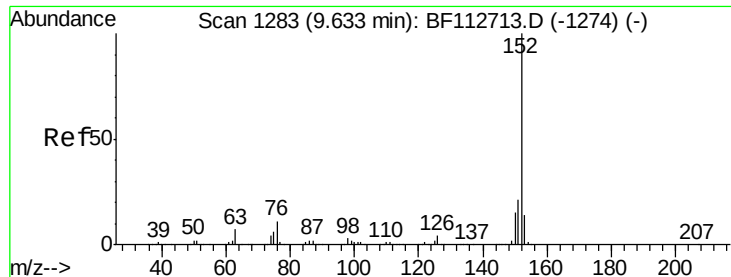
Sohil
3/12/2019 4:28:43 PM



#48
2-Nitroaniline
Concen: 41.433 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	56.4	84.6
138	111.1	84.6	126.8





#49

Acenaphthylene

Concen: 35.146 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

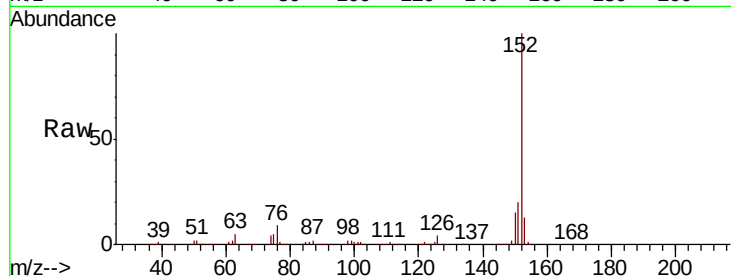
ClientSampleId :

SD2-0.0-0.5MSD

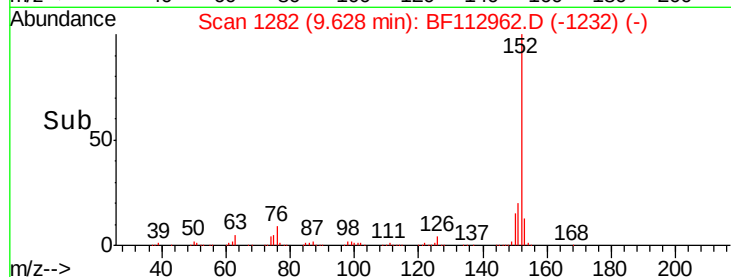
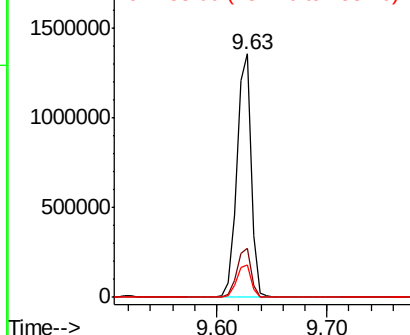
Tot Ion:	152	Resp:	1236381
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.9	25.3
153	13.4	11.0	16.6

Manual Integrations
APPROVED

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3/12/2019 4:28:43 PM



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



#50

Dimethylphthalate

Concen: 43.243 ng

RT: 9.49 min Scan# 1259

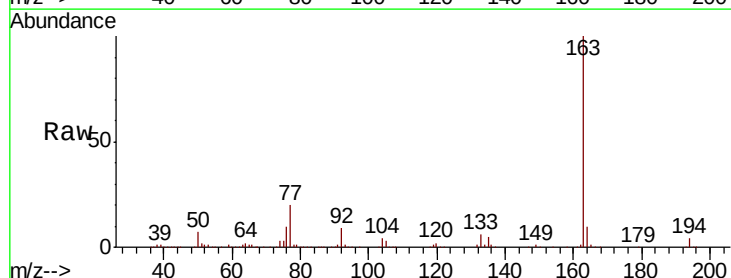
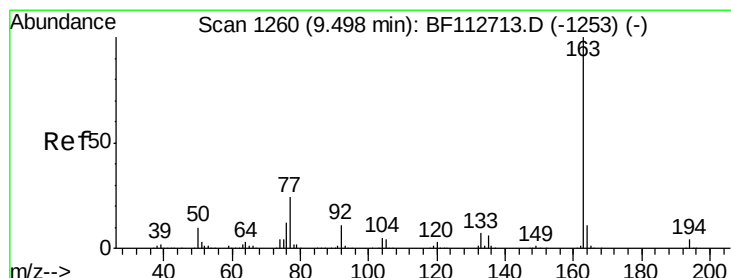
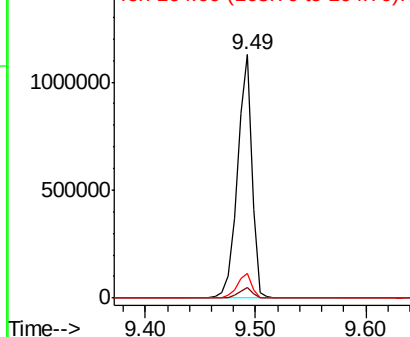
Delta R.T. -0.01 min

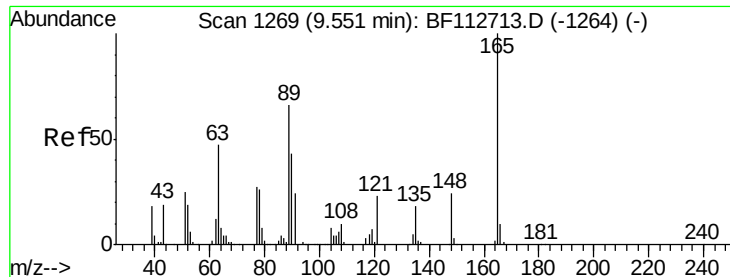
Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Tgt Ion:	163	Resp:	1037411
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.0	4.4
164	10.4	8.4	12.6

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





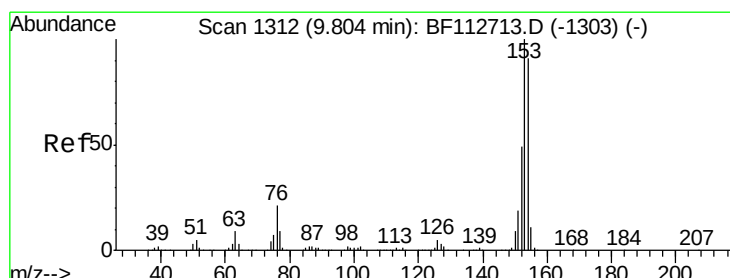
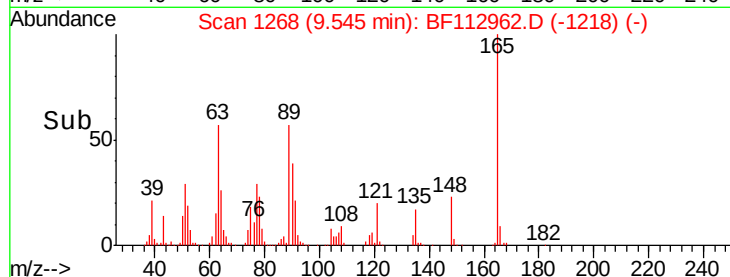
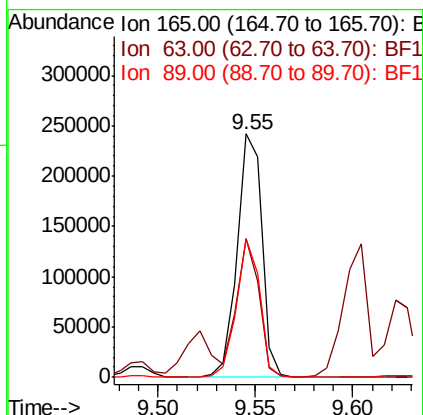
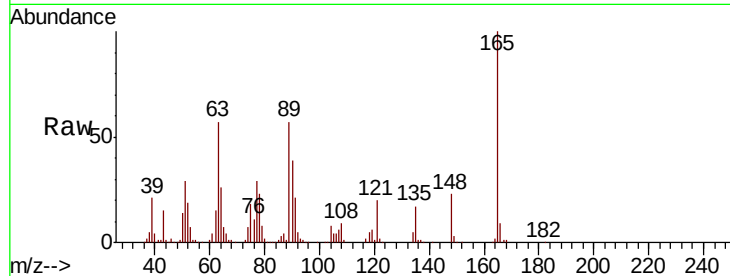
#51
2,6-Dinitrotoluene
Concen: 42.752 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.1	54.1	81.1
89	57.0	52.8	79.2

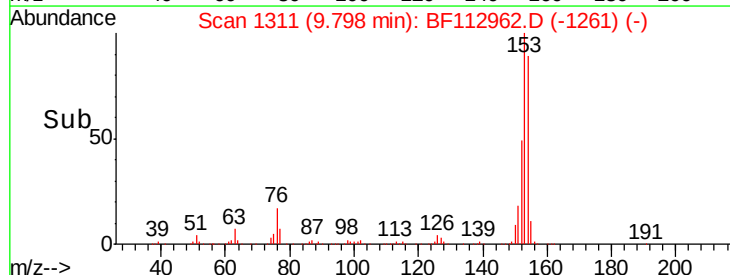
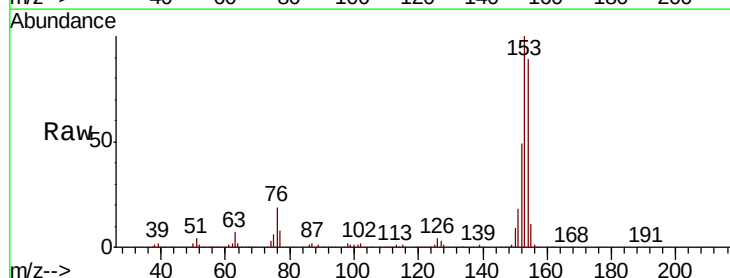
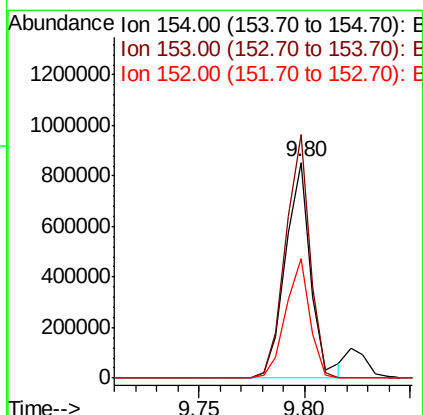
Manual Integrations
APPROVED

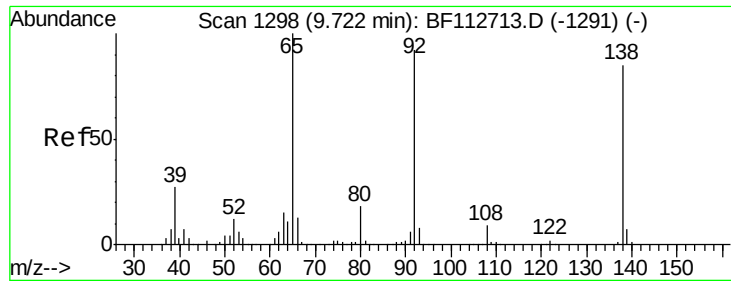
Sohil
3/12/2019 4:28:43 PM



#52
Acenaphthene
Concen: 34.710 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	87.8	131.8
152	55.1	43.0	64.6





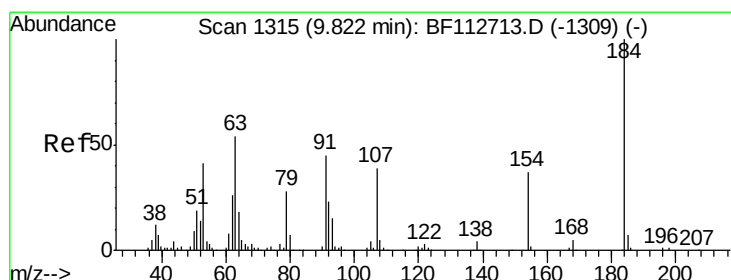
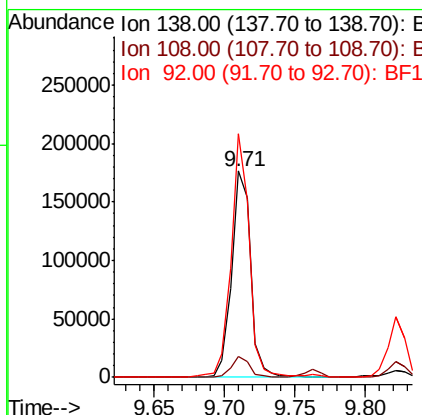
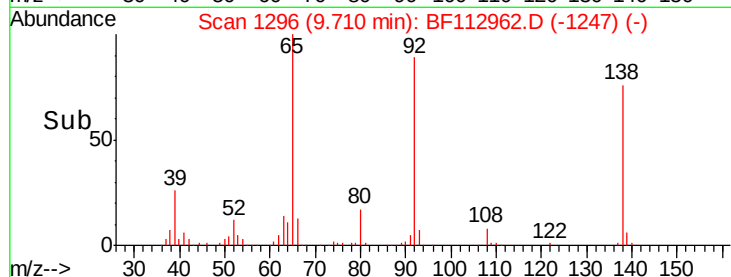
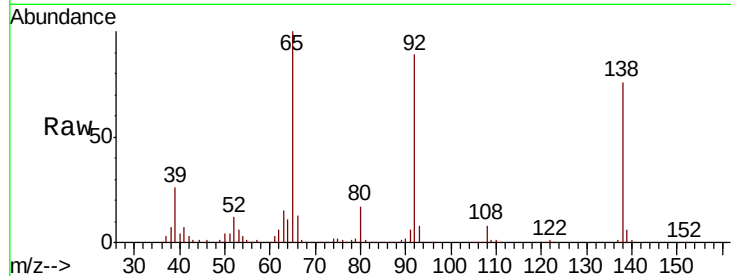
#53
 3-Nitroaniline
 Concen: 27.240 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.6	13.0
92	117.9	86.6	129.8

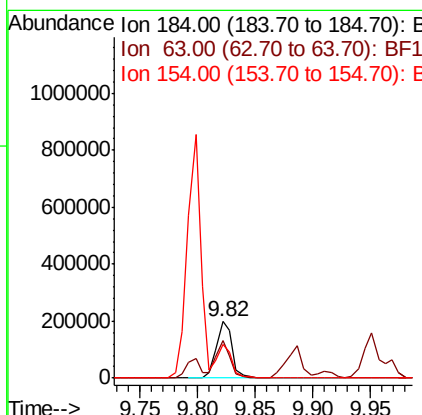
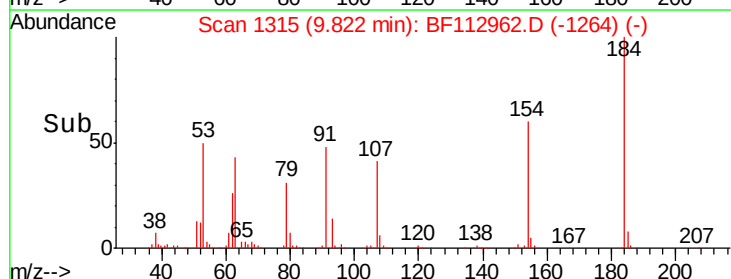
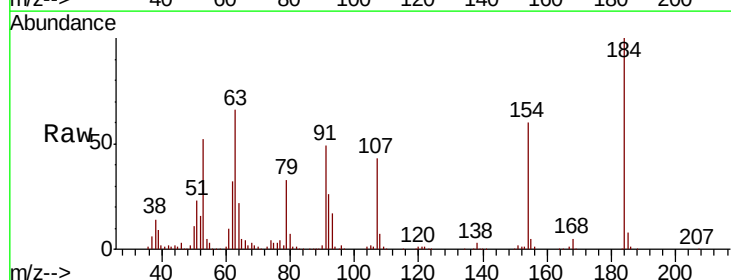
Manual Integrations
 APPROVED

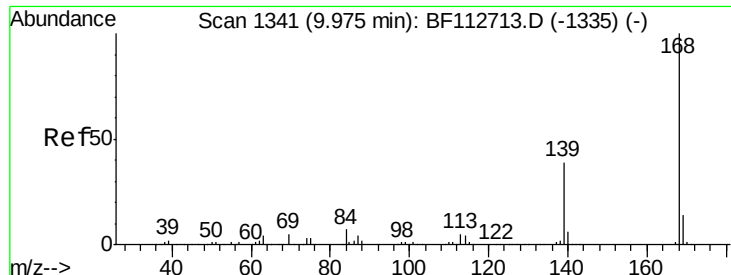
Sohil
 3/12/2019 4:28:43 PM



#54
 2,4-Dinitrophenol
 Concen: 92.098 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.8	45.3	67.9
154	59.7	46.0	69.0





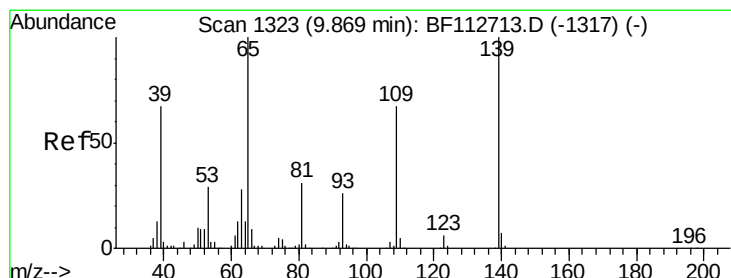
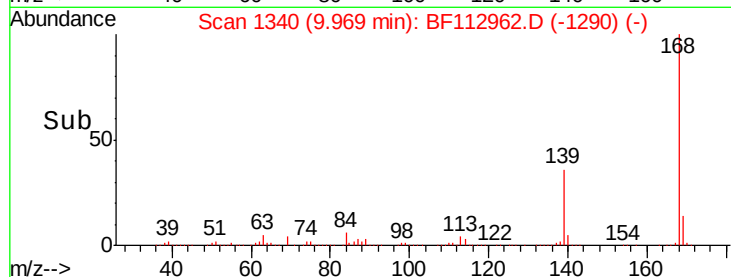
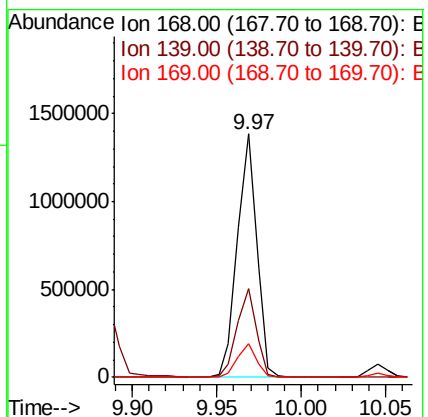
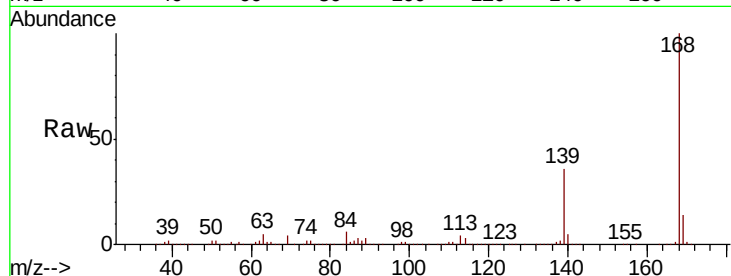
#55
Dibenzenofuran
Concen: 37.196 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampled :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	31.3	46.9
169	13.9	11.3	16.9

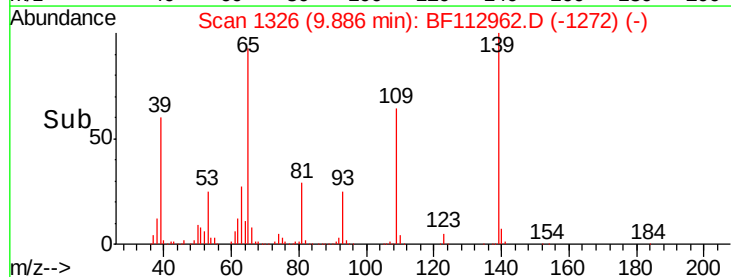
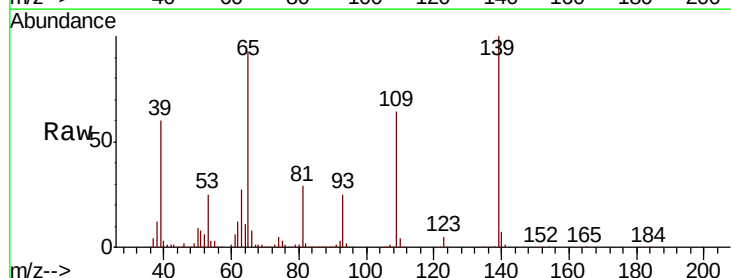
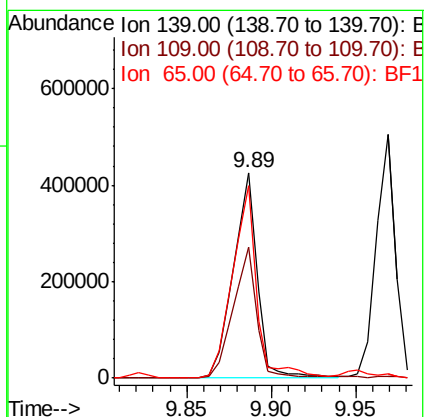
Manual Integrations
APPROVED

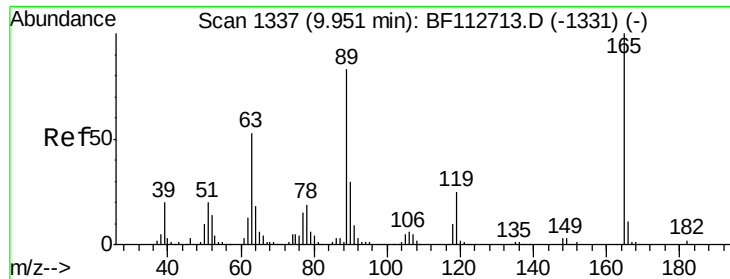
Sohil
3/12/2019 4:28:43 PM



#56
4-Nitrophenol
Concen: 85.058 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.5	46.8	86.8
65	93.4	80.7	120.7





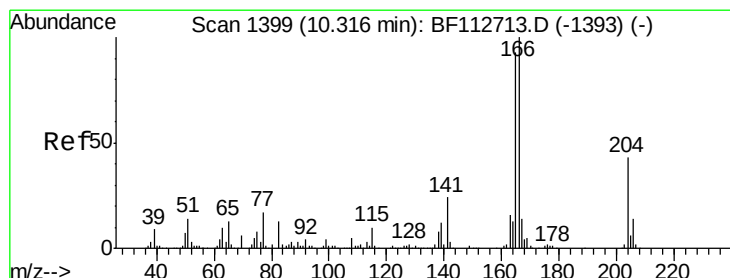
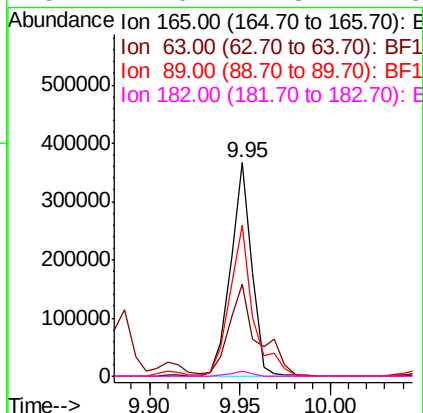
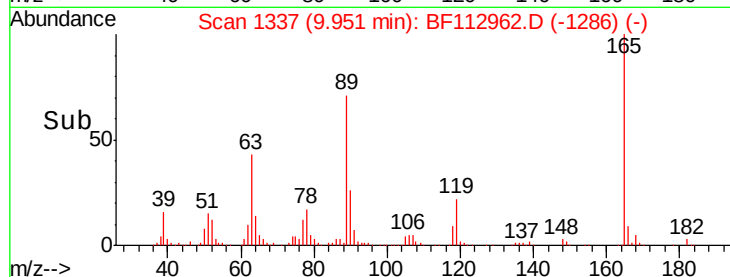
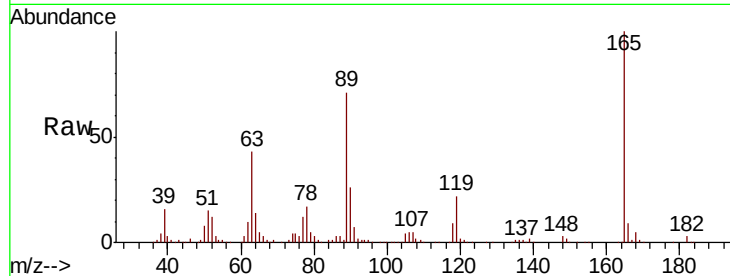
#57
 2,4-Dinitrotoluene
 Concen: 47.488 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		294897		
63	42.9	42.2	63.2		
89	71.0	66.2	99.4		
182	2.6	1.8	2.6		

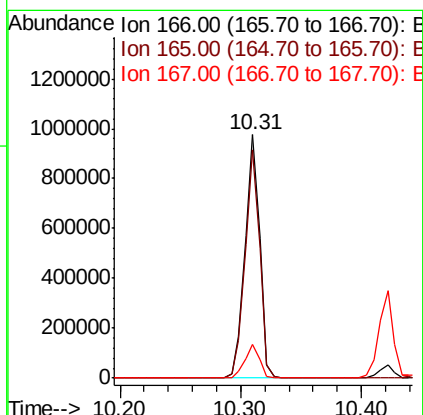
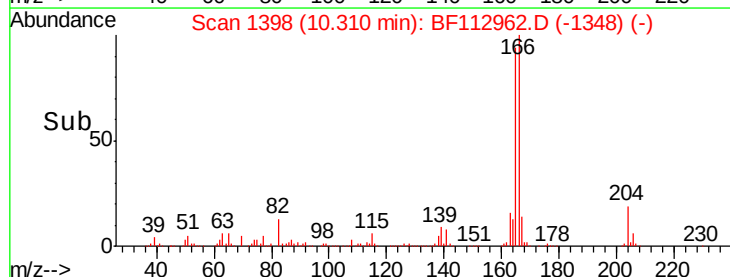
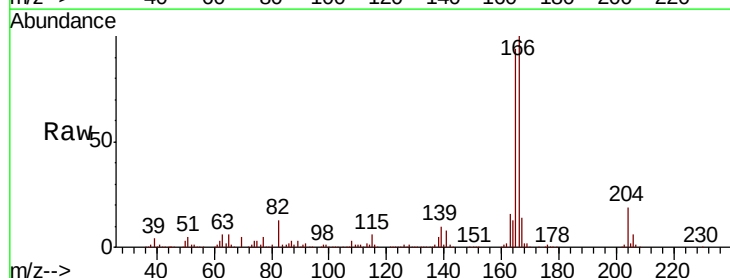
Manual Integrations
 APPROVED

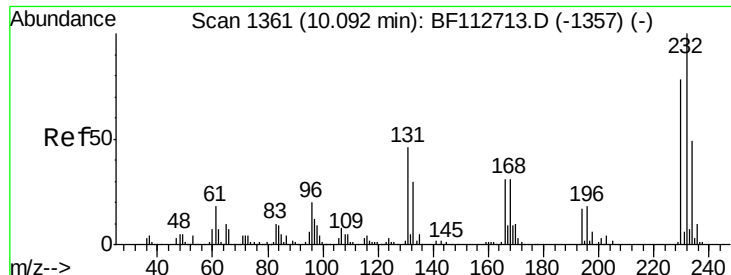
Sohil
 3/12/2019 4:28:43 PM



#58
 Fluorene
 Concen: 39.392 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		835941		
165	93.7	74.7	112.1		
167	13.9	11.0	16.6		





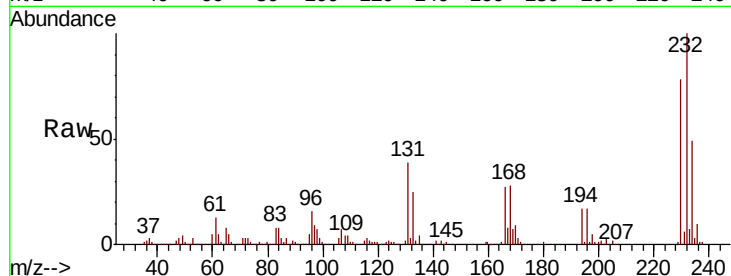
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.483 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	267452		
131	43.6		38.7	58.1
130	1.9		1.9	2.9
166	29.1		25.2	37.8

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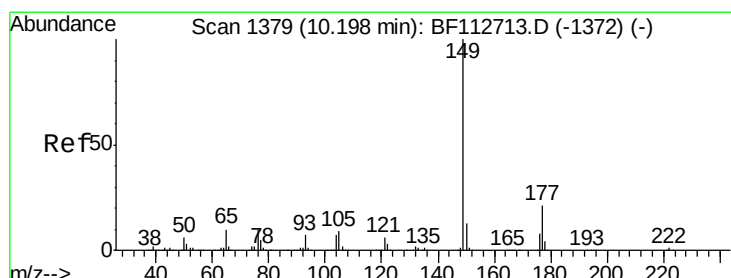
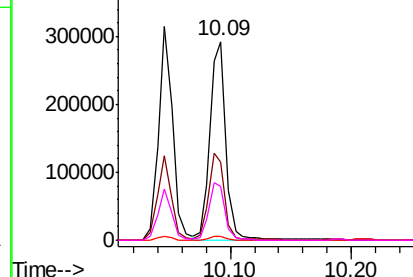
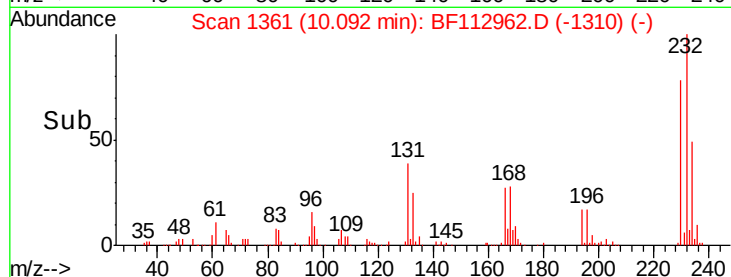
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

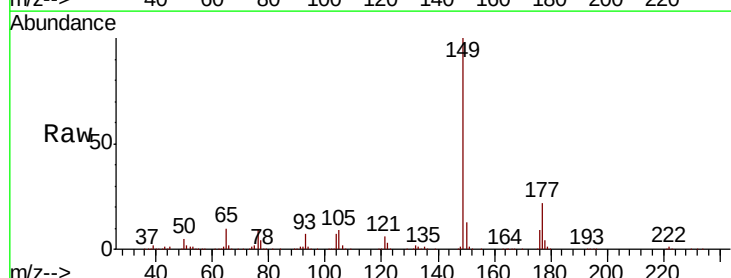
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.808 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	957961		
177	22.2		17.0	25.6
150	12.9		10.0	15.0

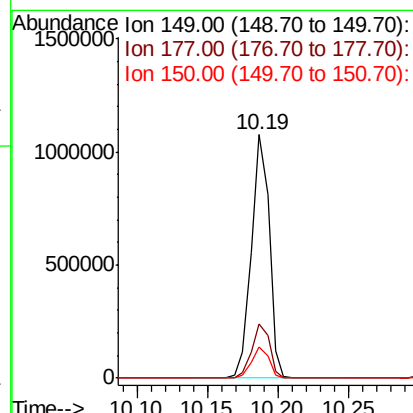
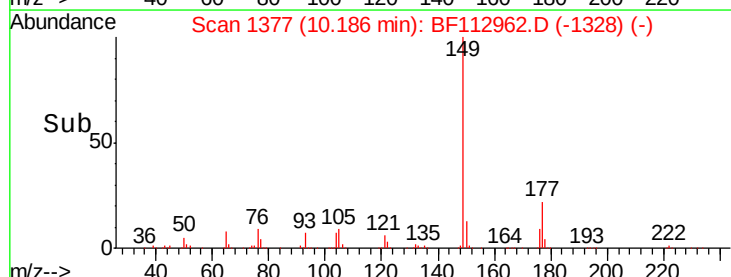


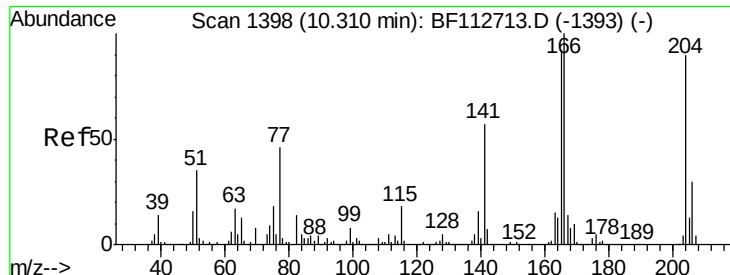
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





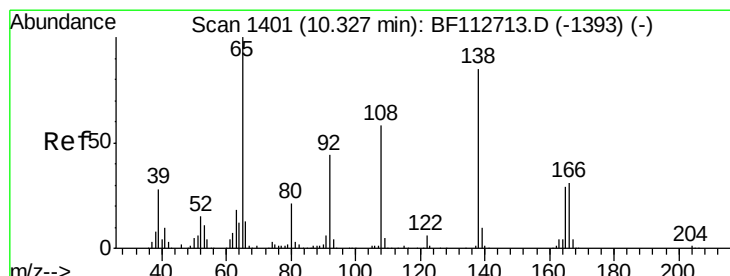
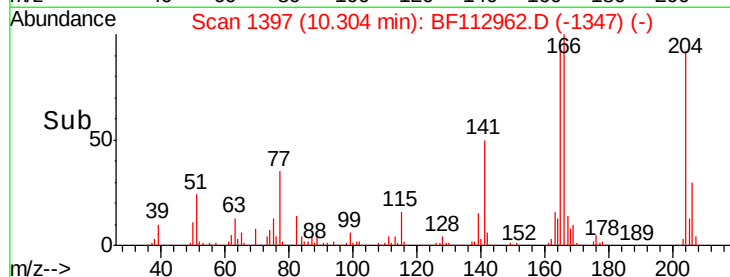
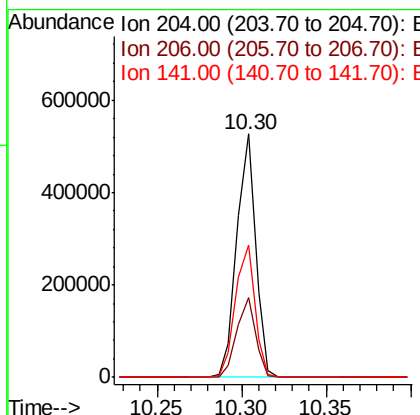
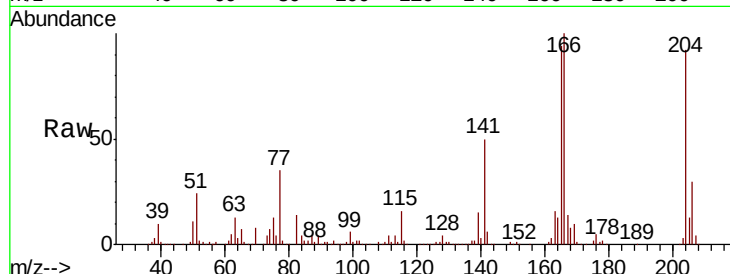
#61
4-Chlorophenyl-phenylether
Concen: 41.420 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	408966		
206	32.5		26.6	40.0
141	54.6		50.8	76.2

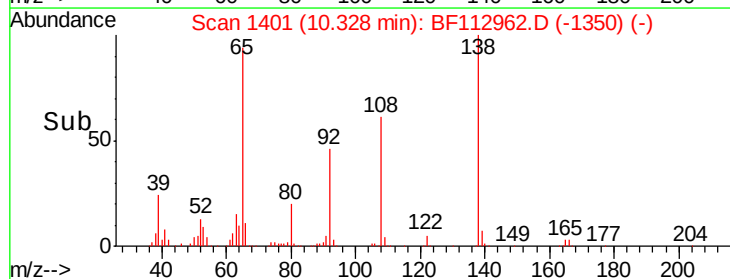
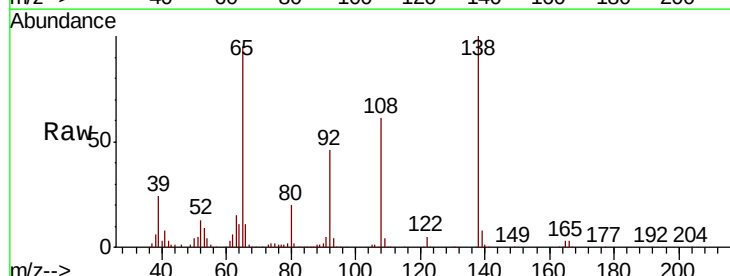
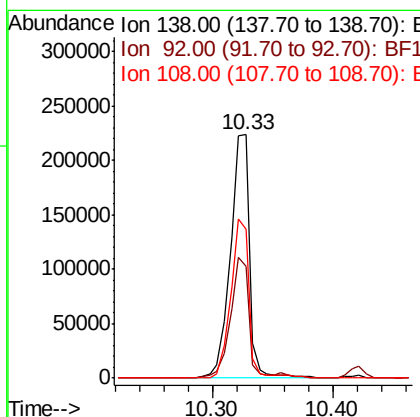
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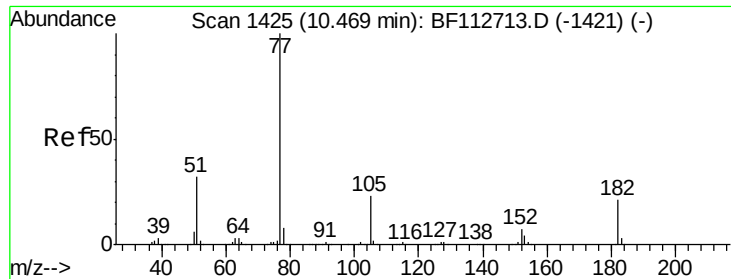
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#62
4-Nitroaniline
Concen: 44.325 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	249332		
92	45.7		31.3	71.3
108	61.1		48.1	88.1





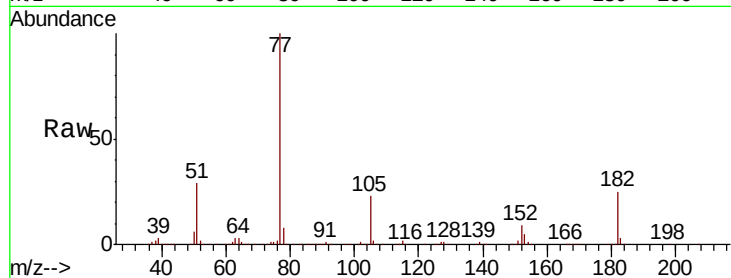
#63
Azobenzene
Concen: 34.215 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

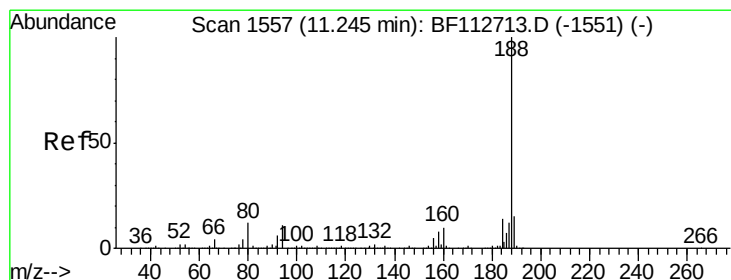
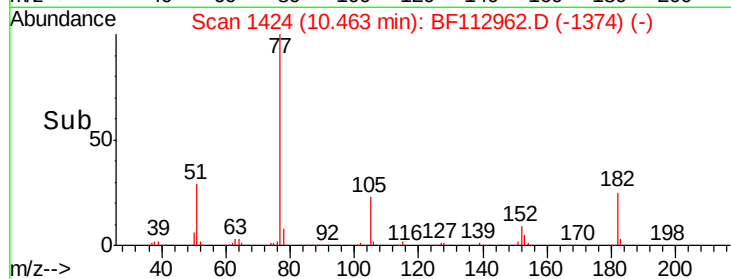
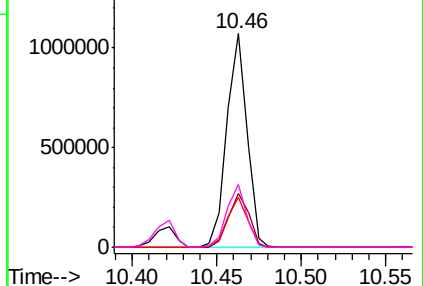
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.3	1.4	41.4	
105	23.4	2.6	42.6	
51	29.2	12.0	52.0	

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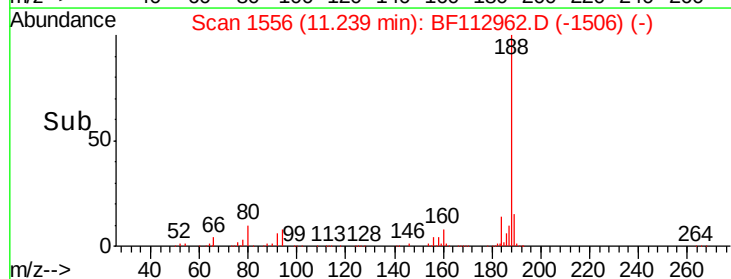
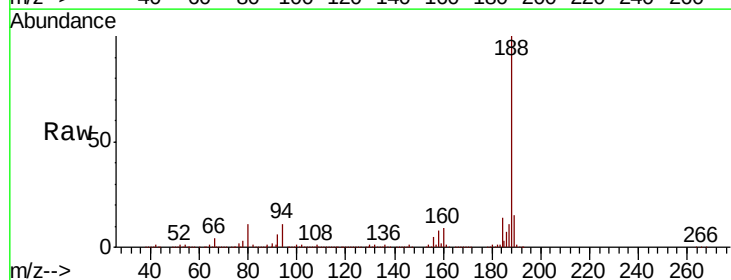
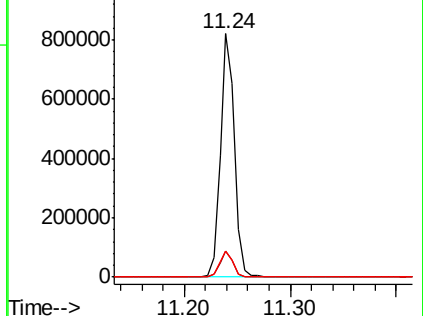
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

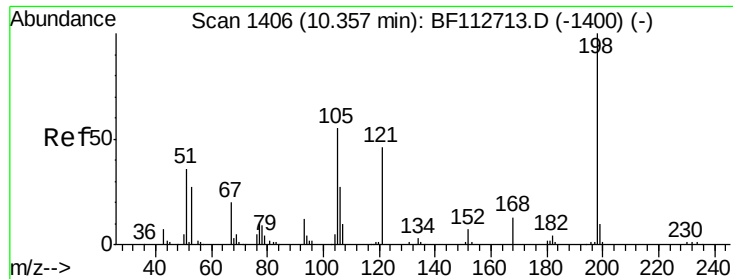


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.6	9.0	13.4	
80	10.6	9.2	13.8	

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





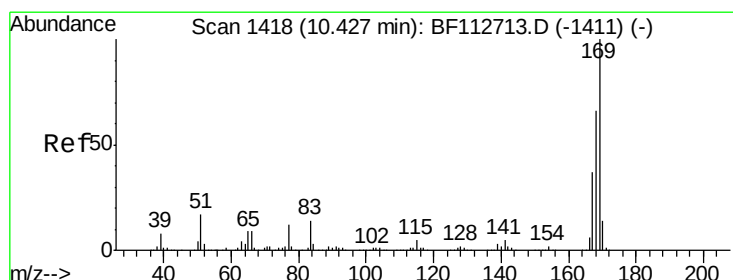
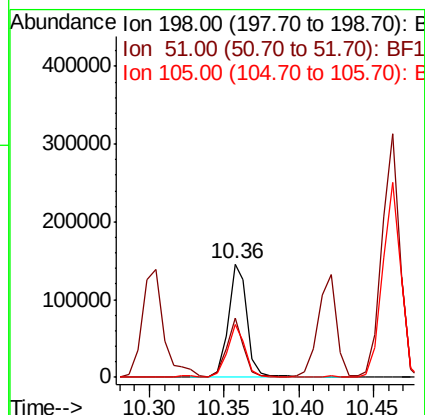
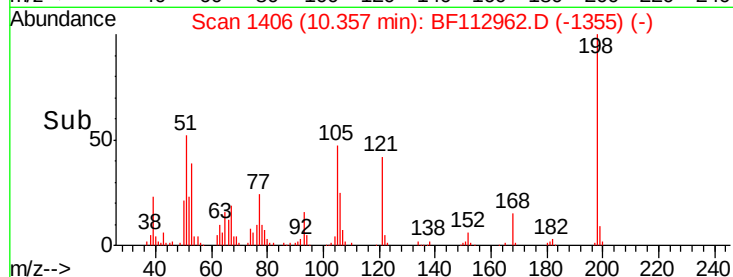
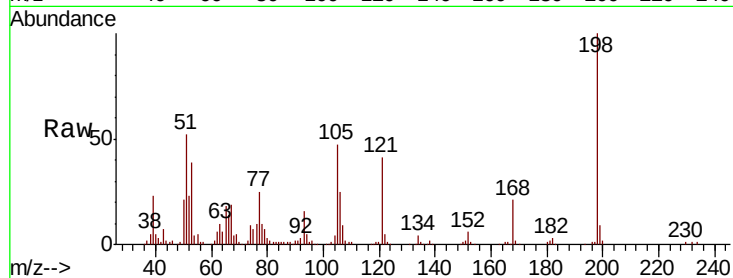
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.369 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Tot Ion:	198	Resp:	131270
Ion Ratio	Lower	Upper	
198	100		
51	51.8	43.8	83.8
105	46.7	36.5	76.5

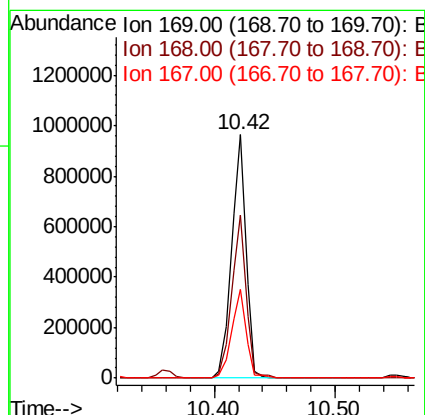
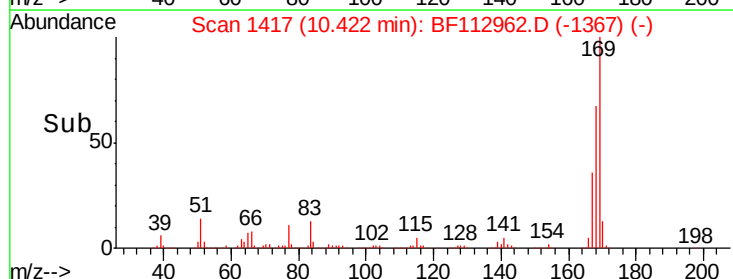
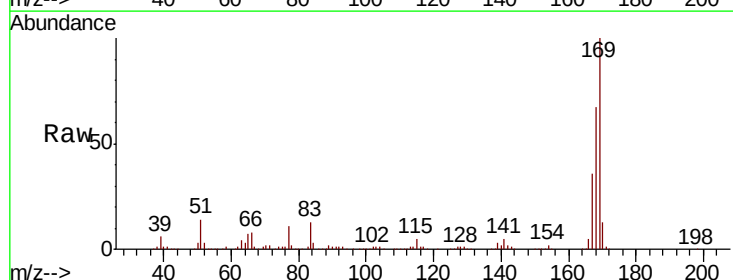
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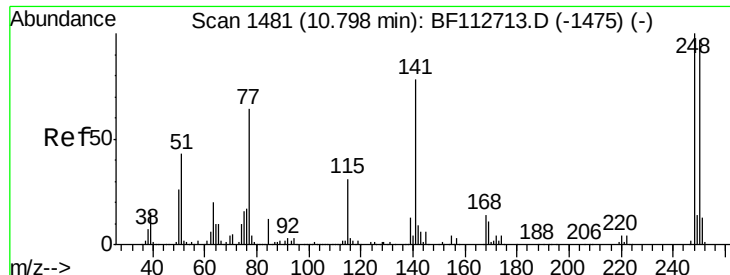
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#66
 n-Nitrosodiphenylamine
 Concen: 32.635 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion:	169	Resp:	800531
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.0	79.6
167	36.4	29.3	43.9





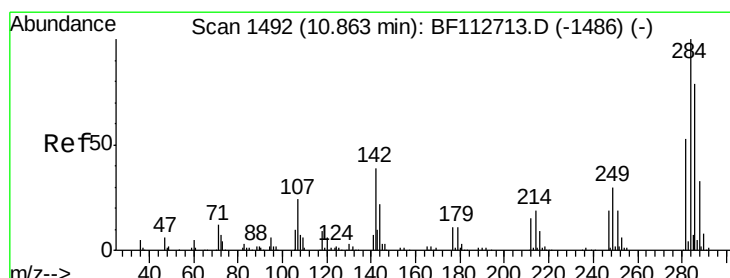
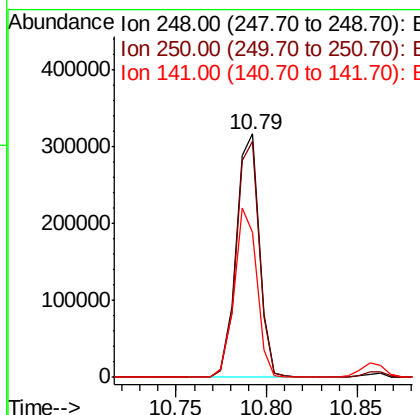
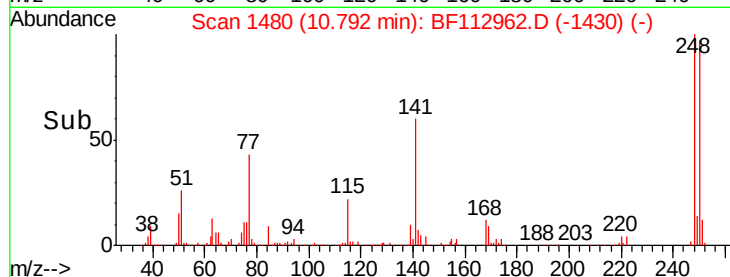
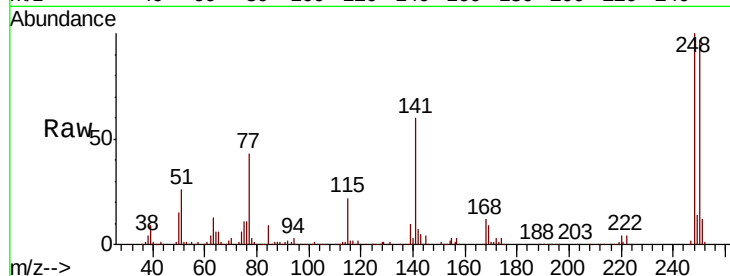
#67
 4-Bromophenyl-phenylether
 Concen: 35.005 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.5	116.3
141	59.8	62.4	93.6

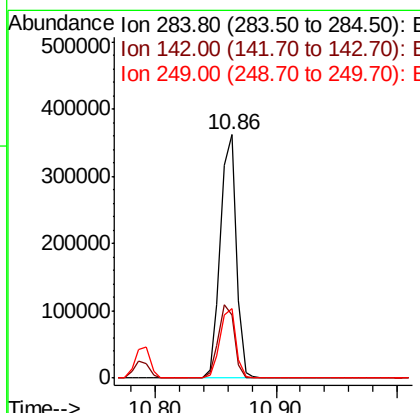
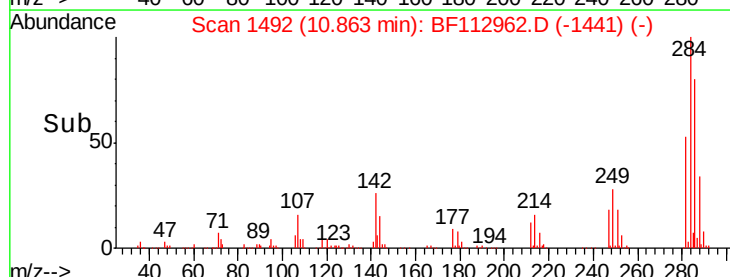
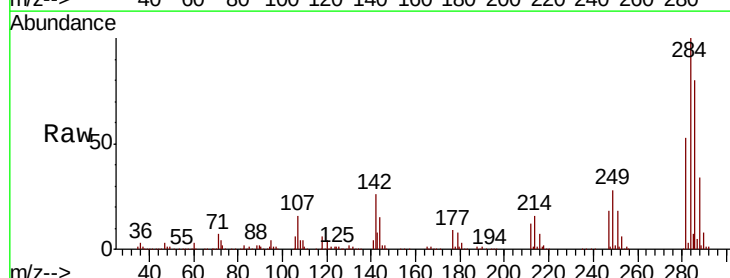
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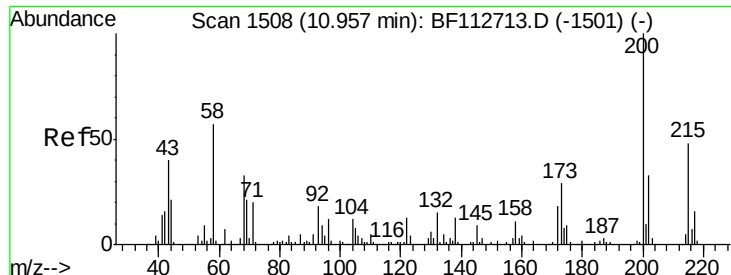
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#68
 Hexachlorobenzene
 Concen: 36.238 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.8	31.0	46.6
249	28.4	23.6	35.4





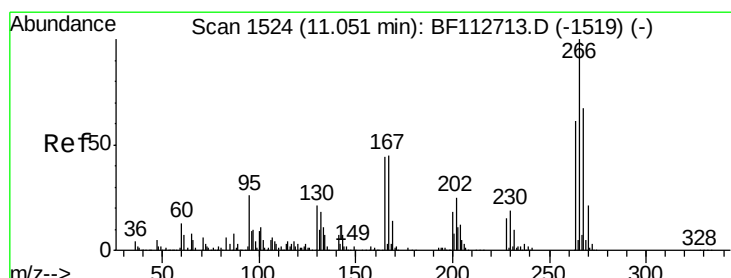
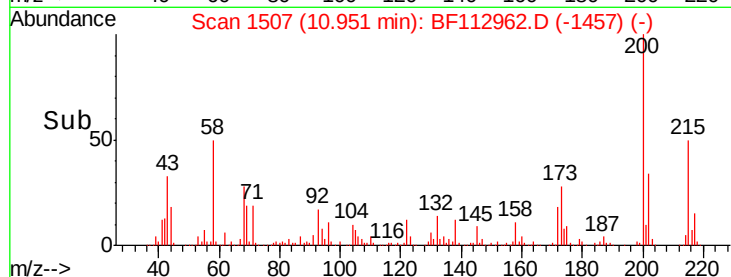
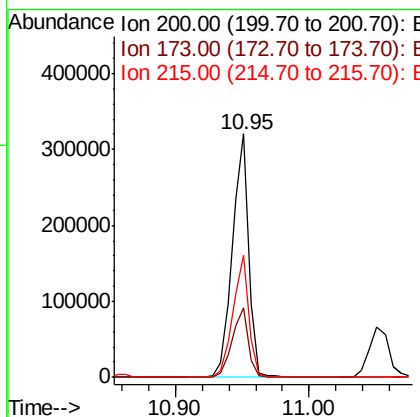
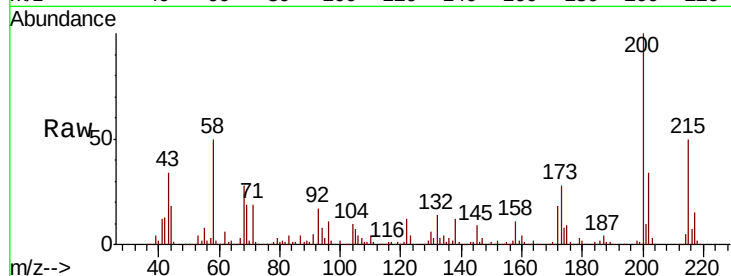
#69
 Atrazine
 Concen: 36.917 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	9.1	49.1
215	50.2	28.2	68.2

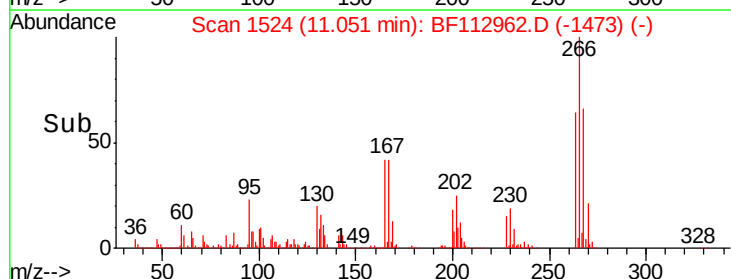
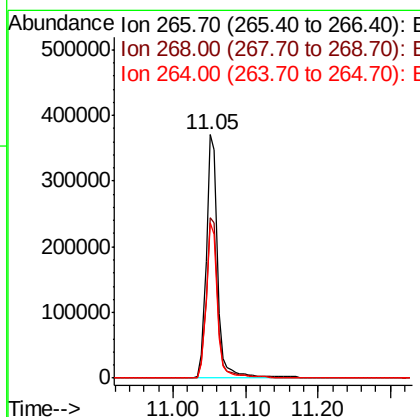
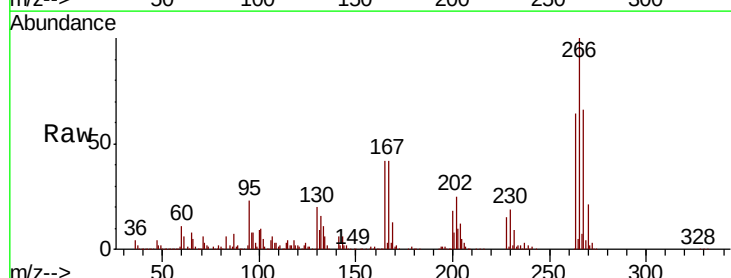
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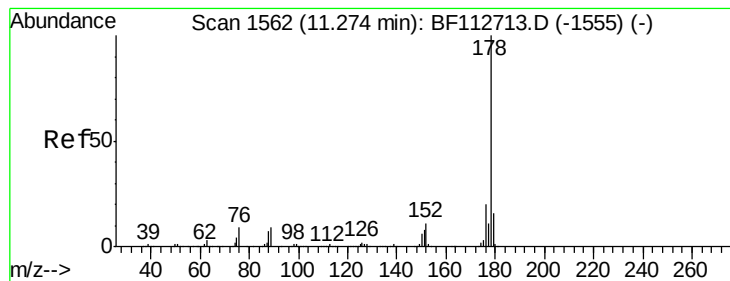
Sohil
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#70
 Pentachlorophenol
 Concen: 76.139 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	53.3	79.9
264	63.7	48.9	73.3





#71

Phenanthrene

Concen: 36.722 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

Tot Ion:178 Resp: 1397414

Ion Ratio Lower Upper

178 100

176 20.0 16.3 24.5

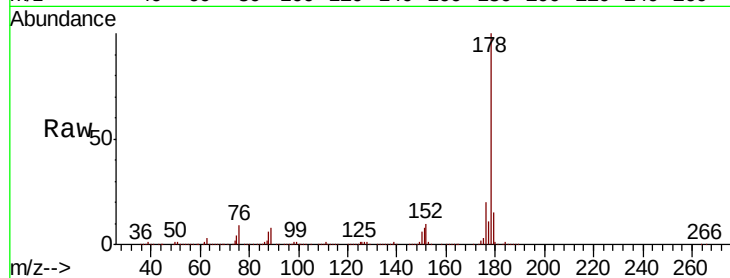
179 15.5 12.7 19.1

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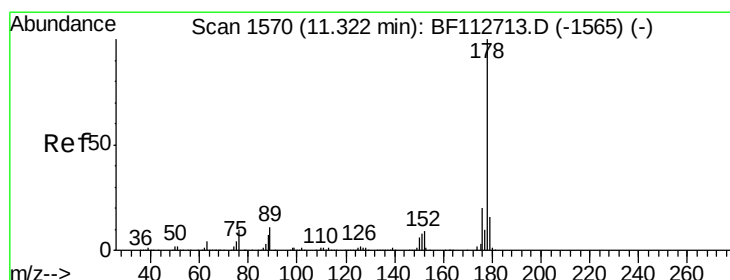
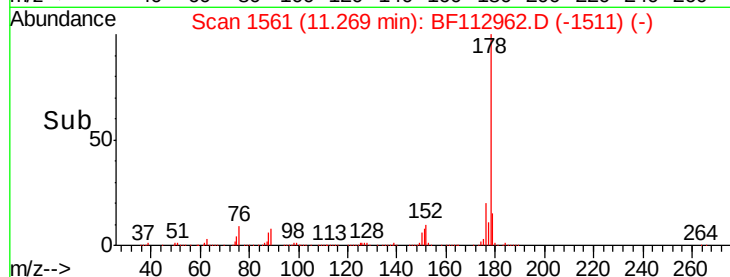
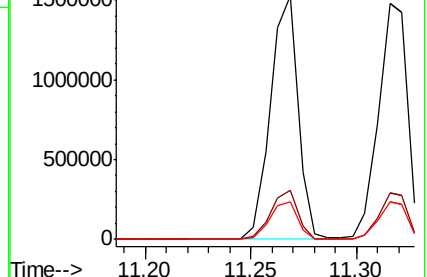
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.457 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Tgt Ion:178 Resp: 1452255

Ion Ratio Lower Upper

178 100

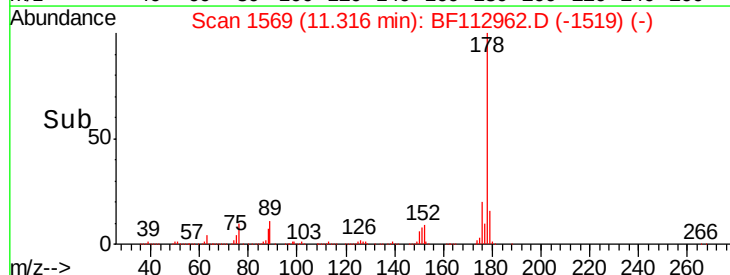
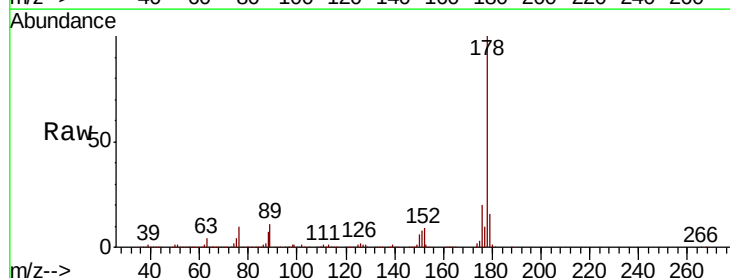
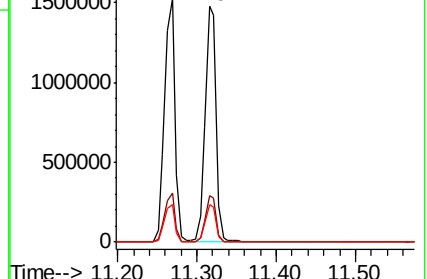
176 19.7 15.8 23.6

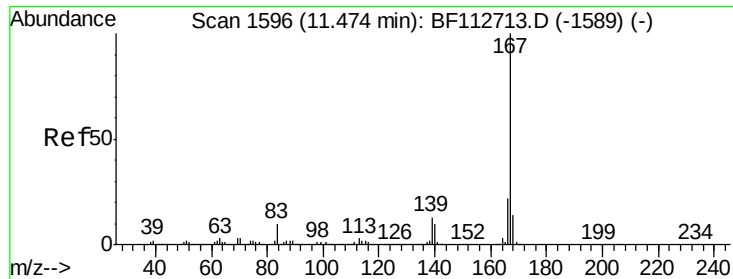
179 16.1 13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





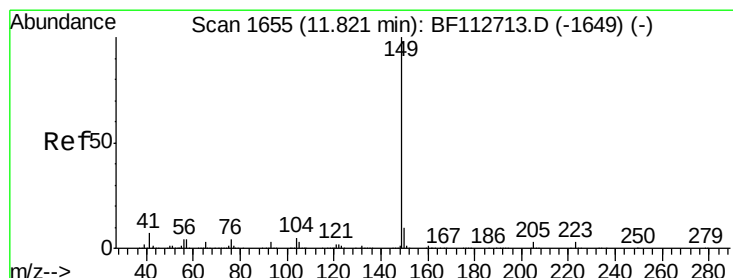
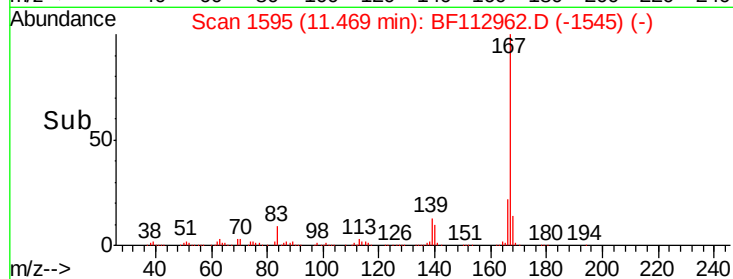
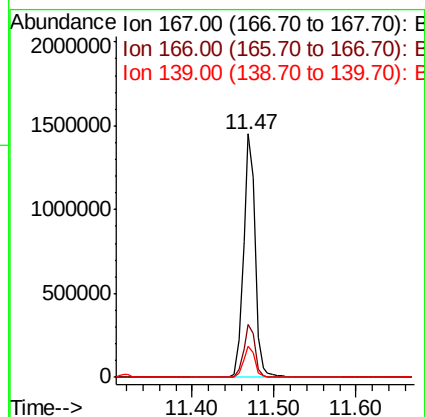
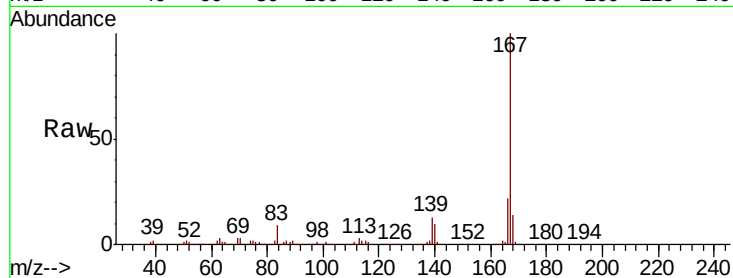
#73
 Carbazole
 Concen: 37.139 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	13.0	10.8	16.2

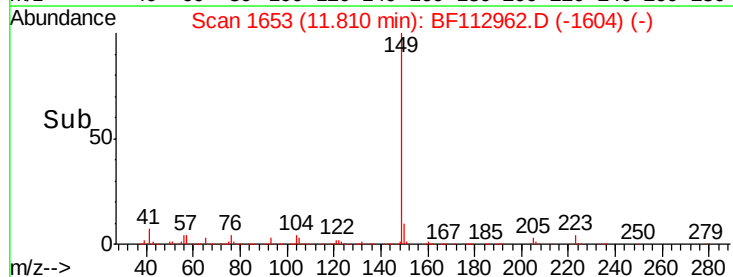
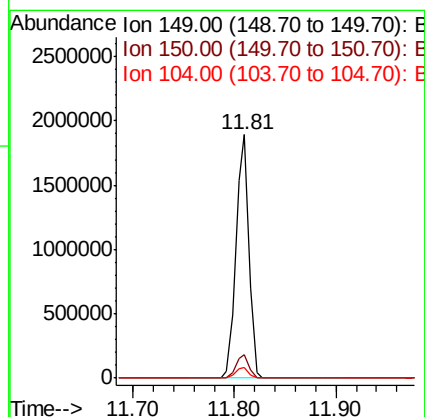
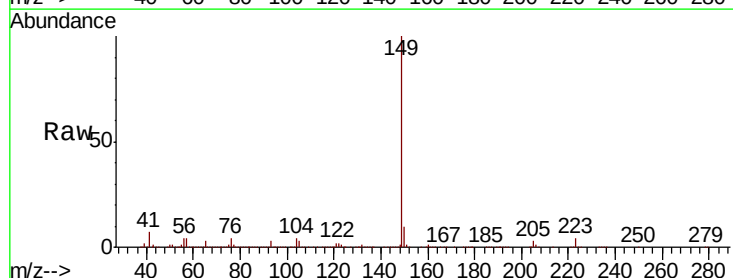
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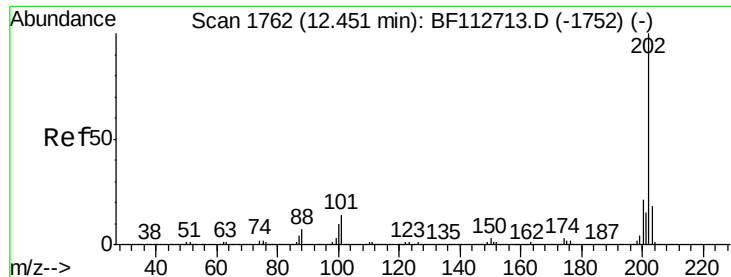
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 3/12/2019 4:28:43 PM



#74
 Di-n-butylphthalate
 Concen: 35.925 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 40.091 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

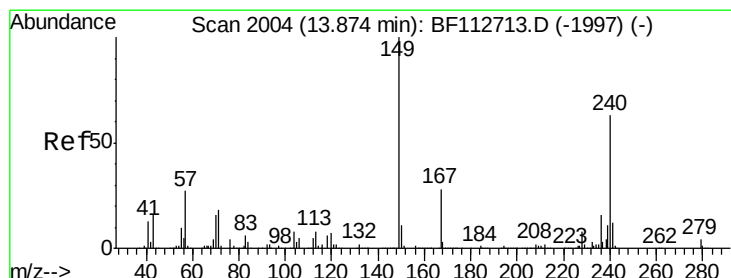
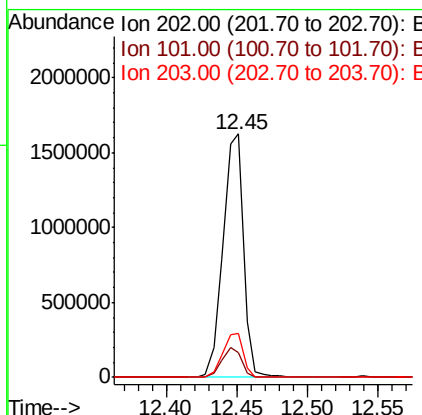
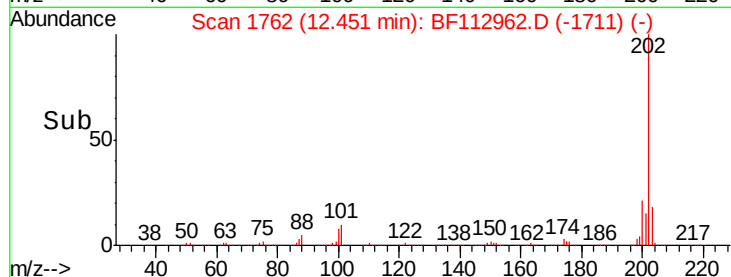
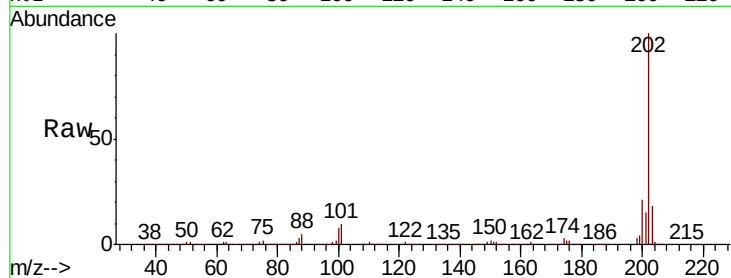
ClientSampleId :

SD2-0.0-0.5MSD

Tot Ion:	202	Resp:	1634545
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	33.8
203	18.1	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

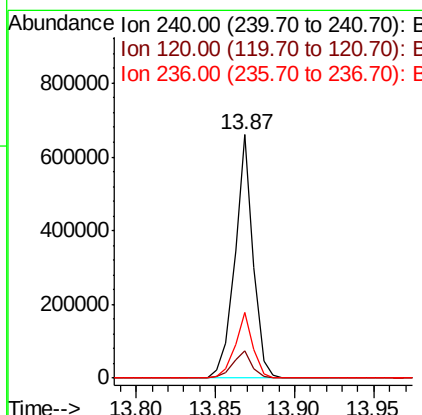
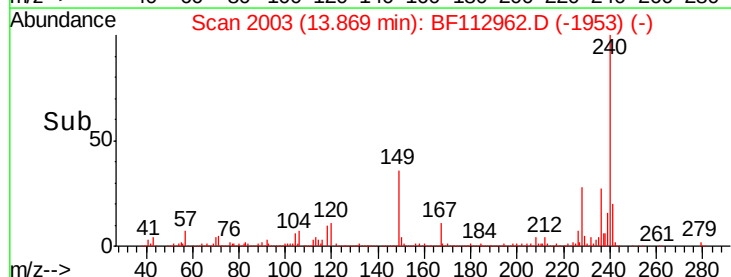
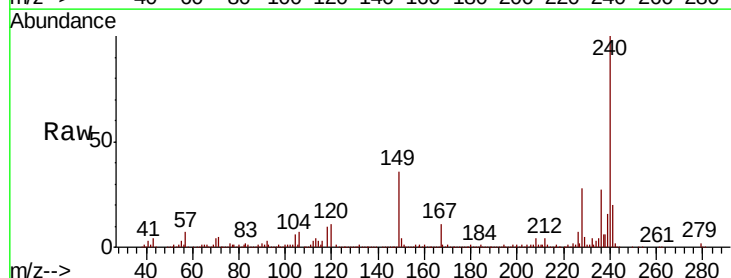
RT: 13.87 min Scan# 2003

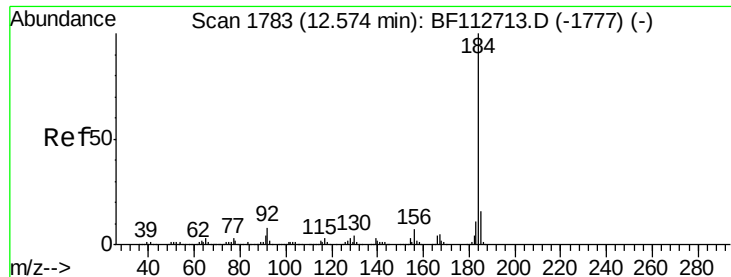
Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Tgt Ion:	240	Resp:	524962
Ion Ratio	Lower	Upper	
240	100		
120	11.4	8.9	13.3
236	26.8	20.7	31.1





#77

Benzidine

Concen: 18.780 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

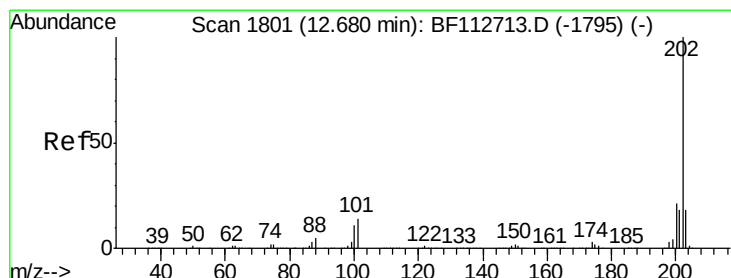
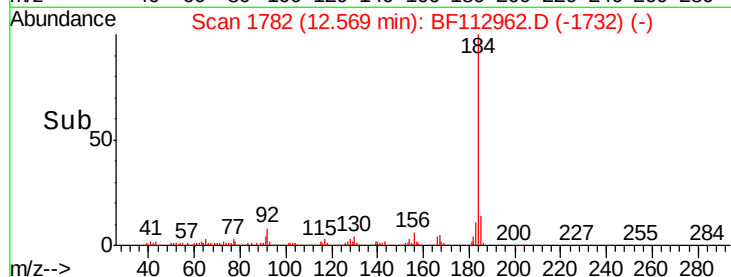
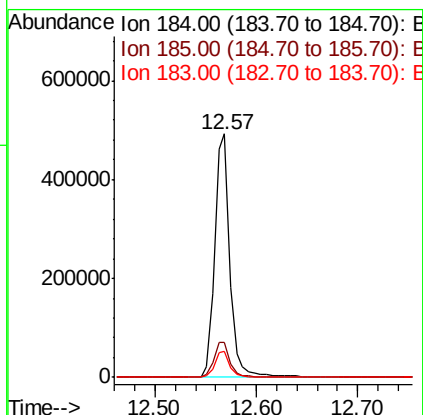
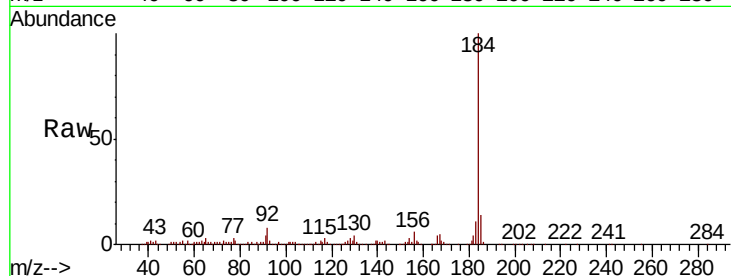
ClientSampleId :

SD2-0.0-0.5MSD

Tot Ion:	184	Resp:	511492
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	10.9	8.6	12.8

Manual Integrations
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#78

Pyrene

Concen: 37.195 ng

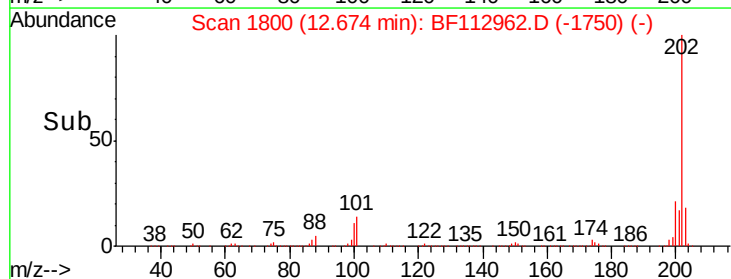
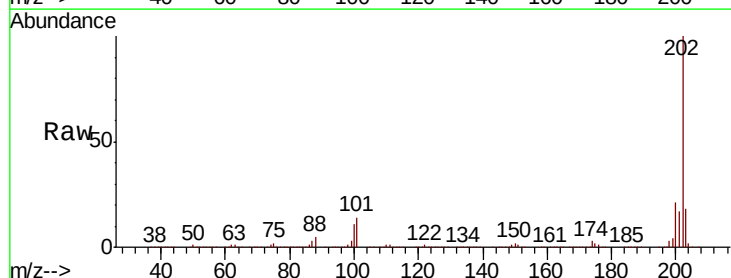
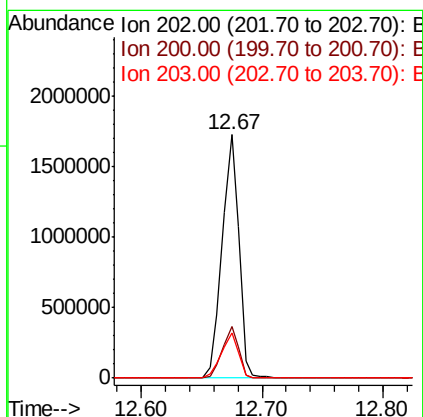
RT: 12.67 min Scan# 1800

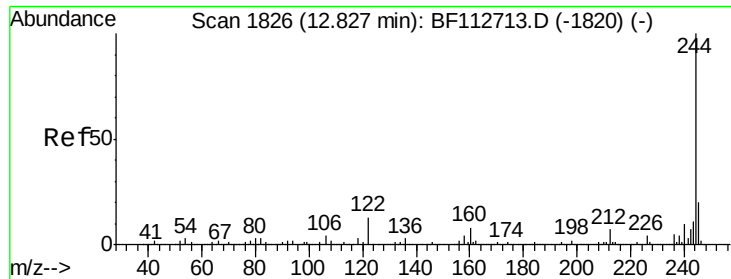
Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Tgt Ion:	202	Resp:	1646068
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.4
203	18.4	14.4	21.6





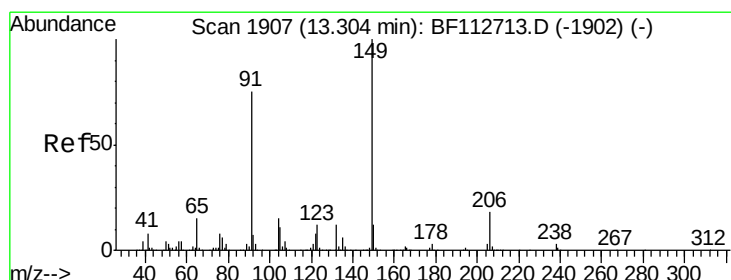
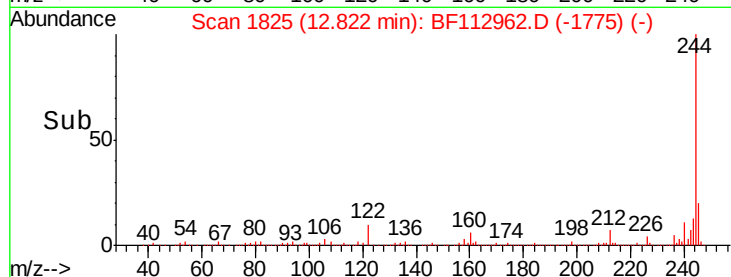
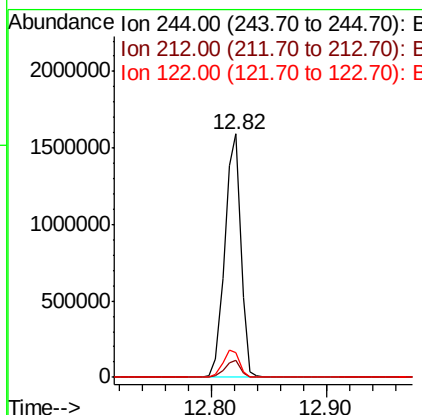
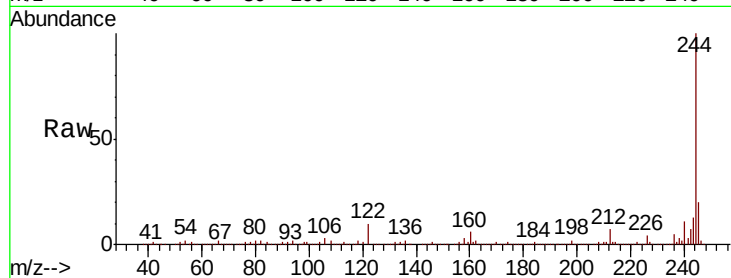
#79
 Terphenyl-d14
 Concen: 56.852 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.3	10.5	15.7

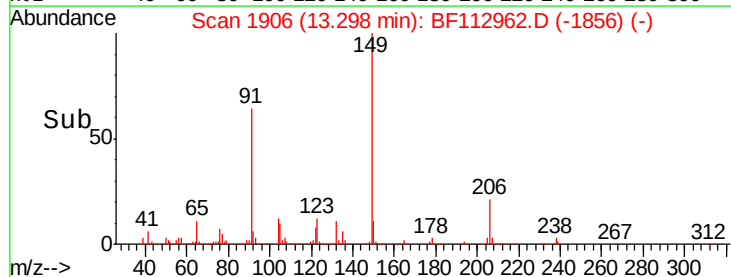
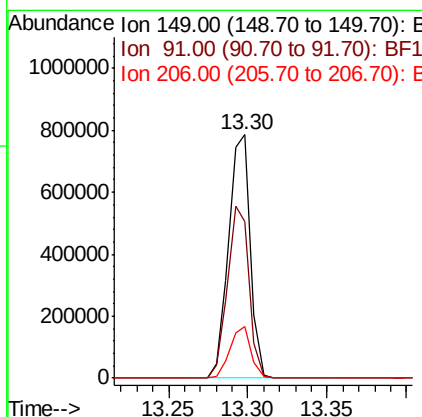
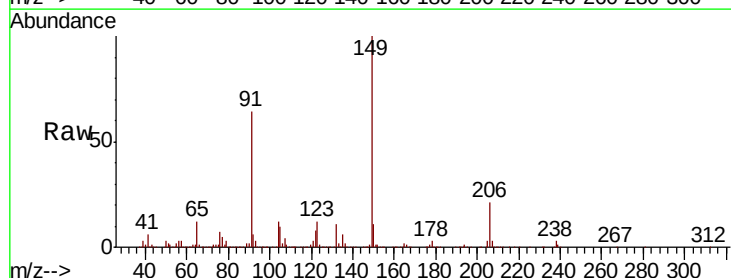
Manual Integrations
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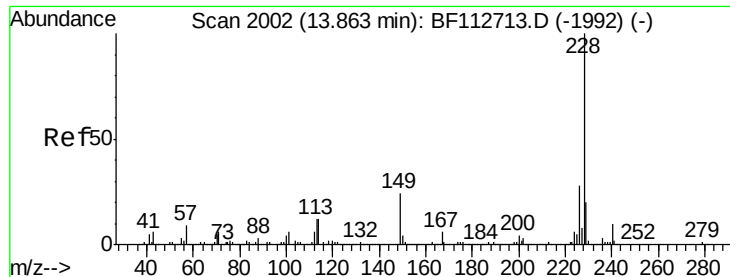
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#80
 Butylbenzylphthalate
 Concen: 38.298 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.5	59.9	89.9
206	21.2	14.7	22.1





#81

Benzo(a)anthracene

Concen: 32.320 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

Tot Ion:228 Resp: 1175915

Ion Ratio Lower Upper

228 100

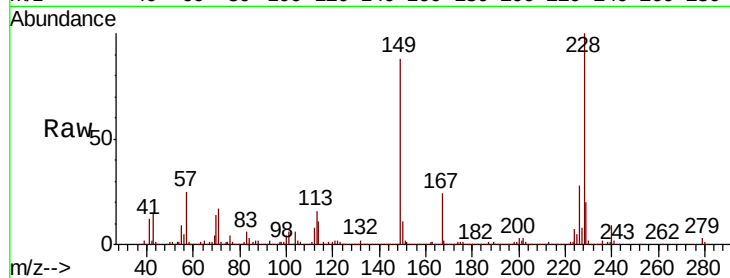
226 27.8 22.2 33.4

229 20.4 16.0 24.0

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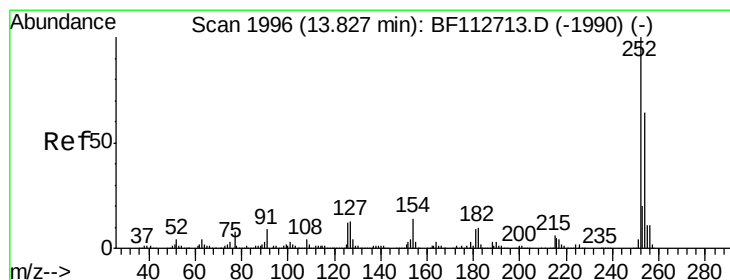
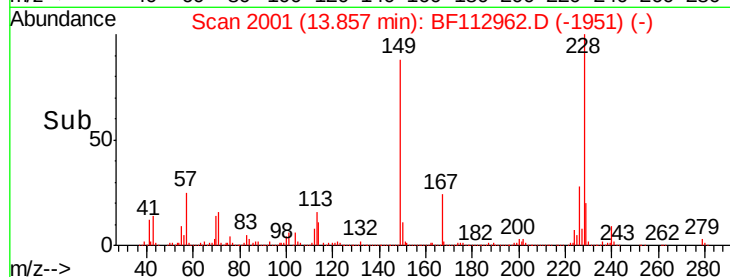
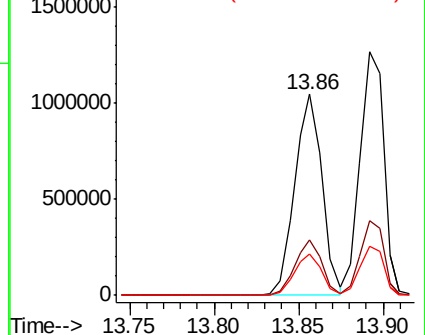
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.615 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Tgt Ion:252 Resp: 324954

Ion Ratio Lower Upper

252 100

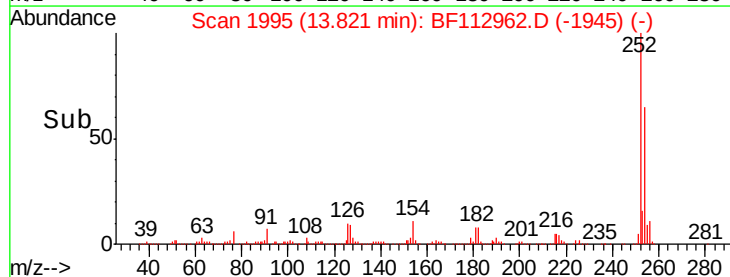
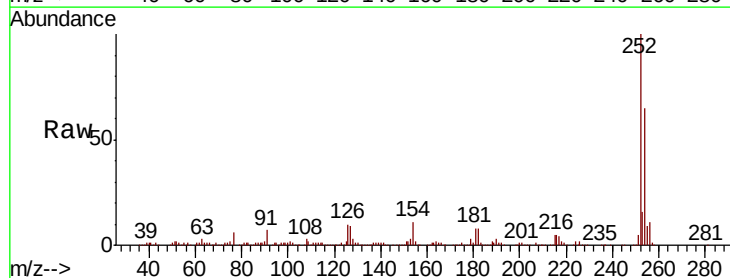
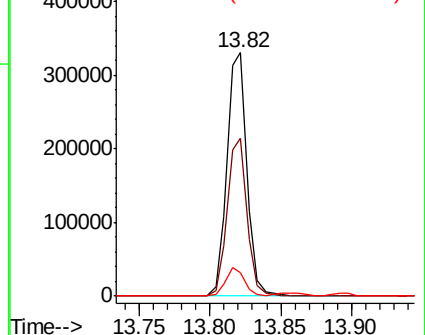
254 65.1 51.1 76.7

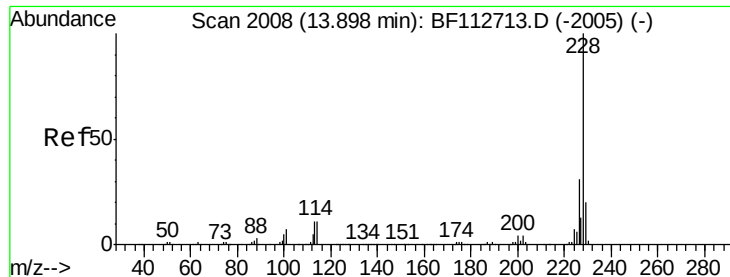
126 9.5 9.9 14.9#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





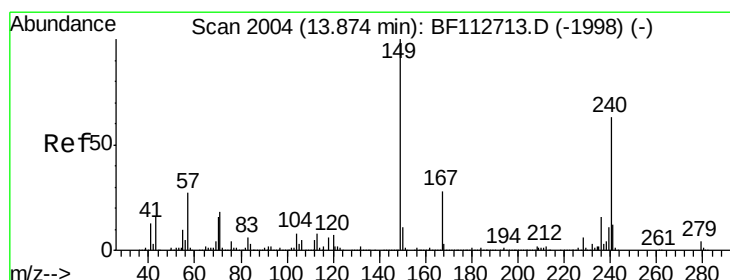
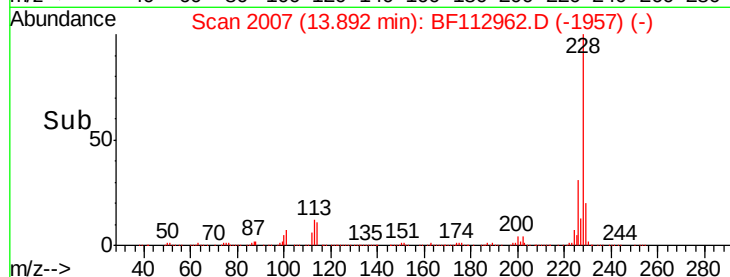
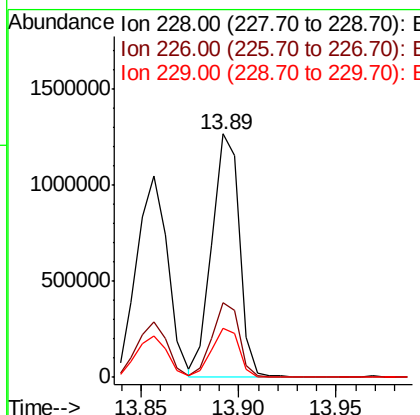
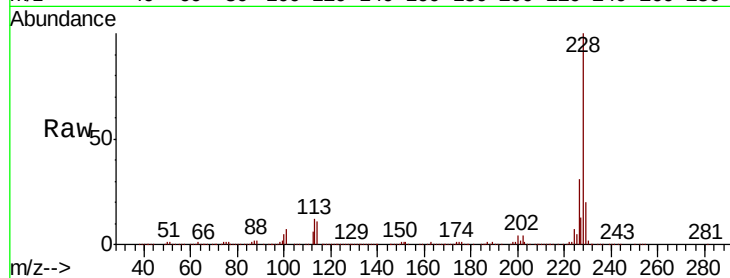
#83
Chrysene
Concen: 34.726 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.3	16.3	24.5

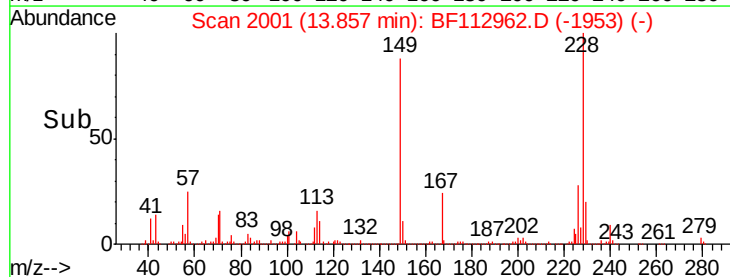
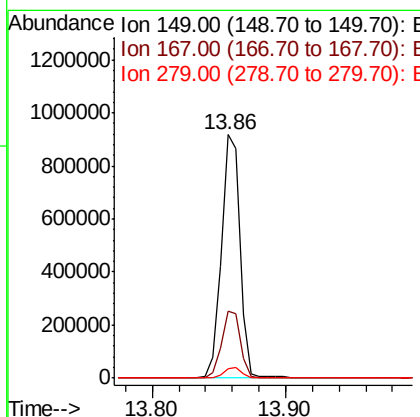
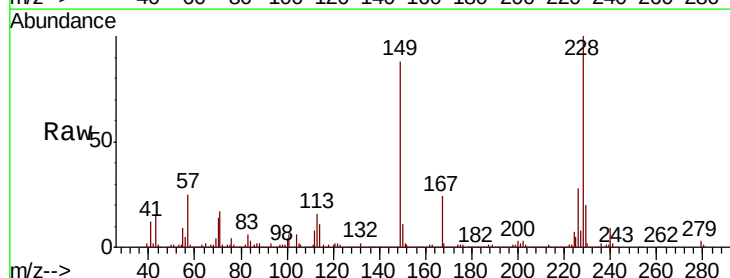
Manual Integrations
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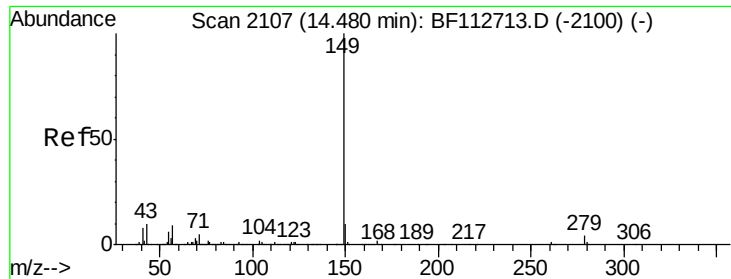
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.406 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.4	33.6
279	3.7	3.3	4.9





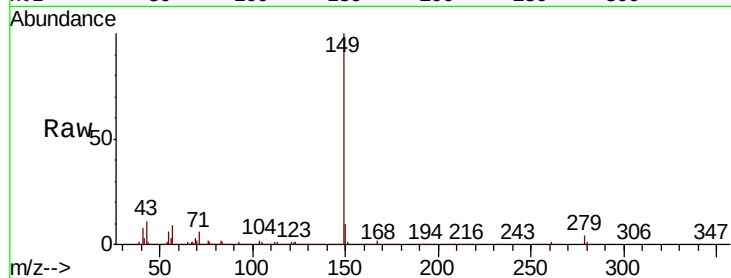
#85
Di-n-octyl phthalate
Concen: 41.105 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	9.0	13.4

Manual Integrations
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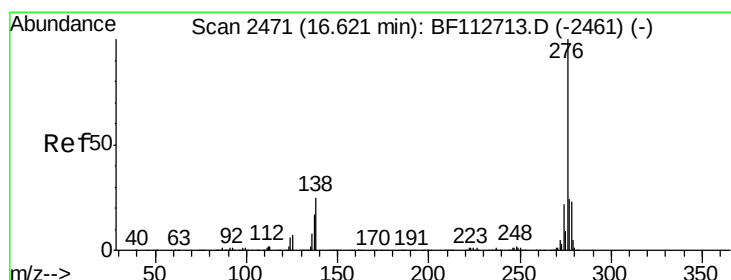
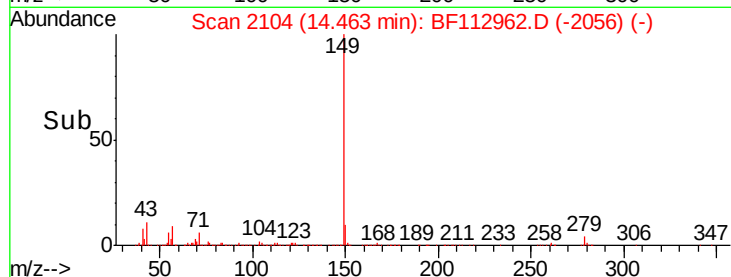
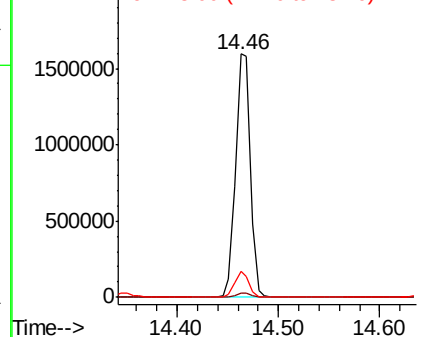


Abundance

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: 40.595 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

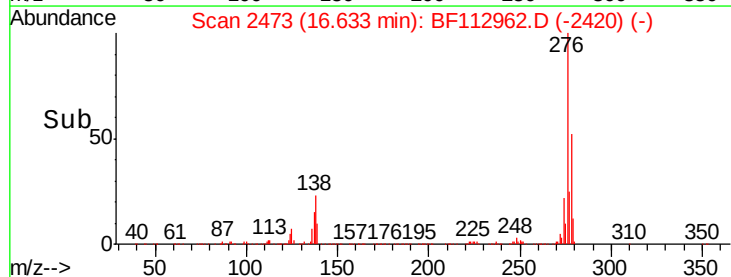
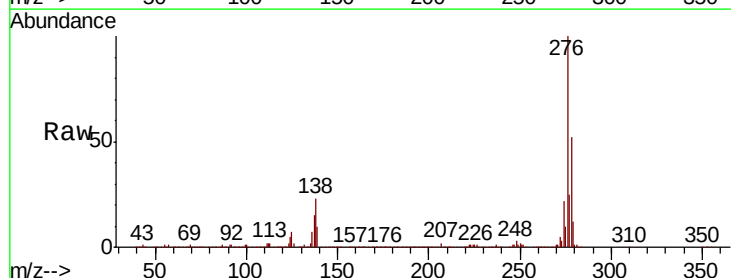
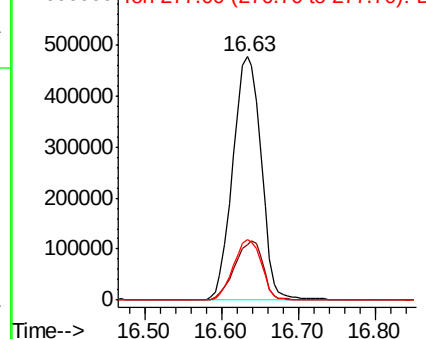
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	23.2	34.8
277	24.6	19.9	29.9

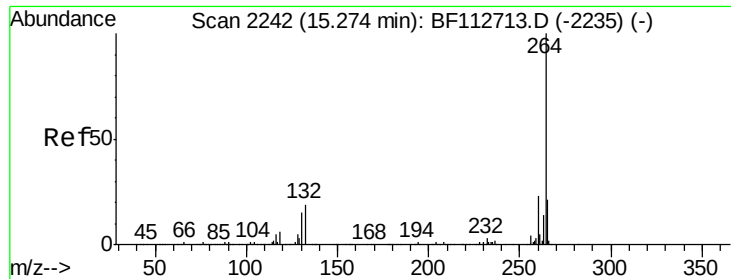
Abundance

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





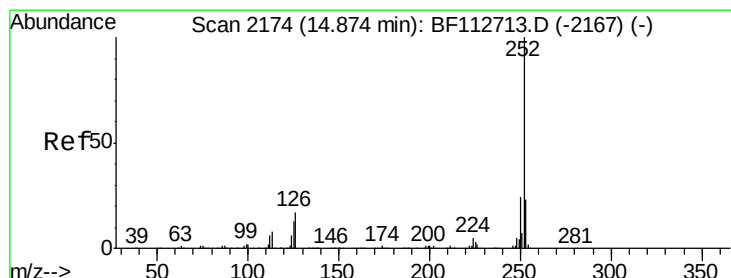
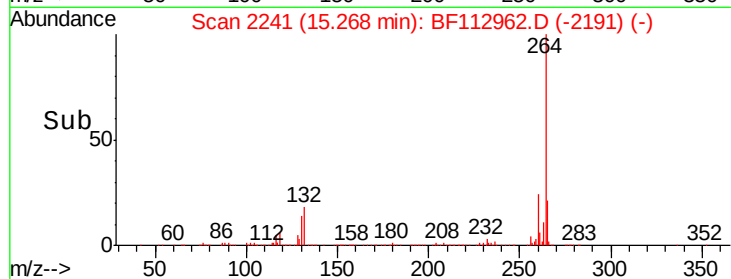
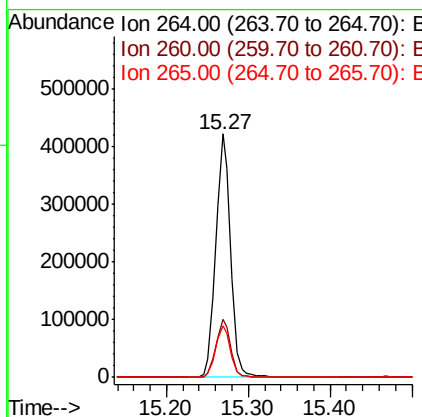
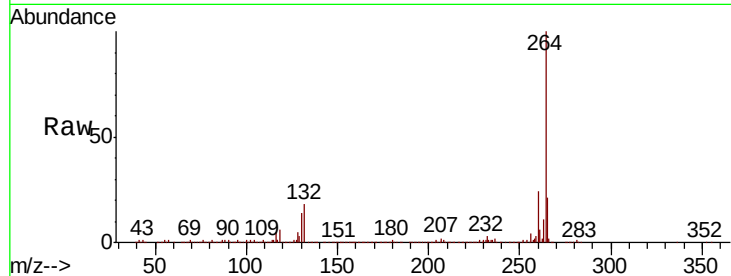
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.3	17.2	25.8

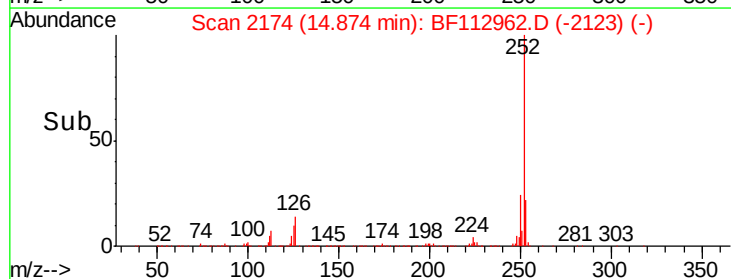
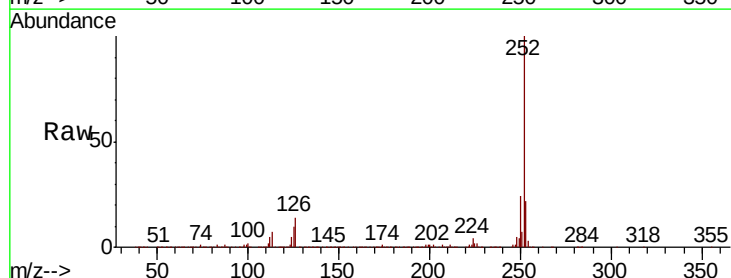
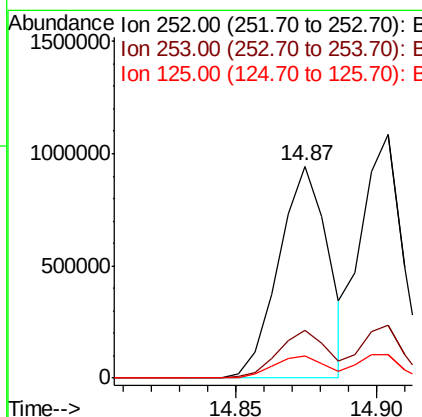
Manual Integrations
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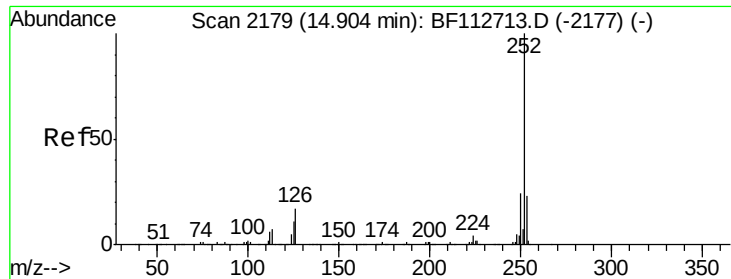
Sohil
3/12/2019 4:28:43 PM



#88
Benzo(b)fluoranthene
Concen: 33.248 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.3	10.2	15.2





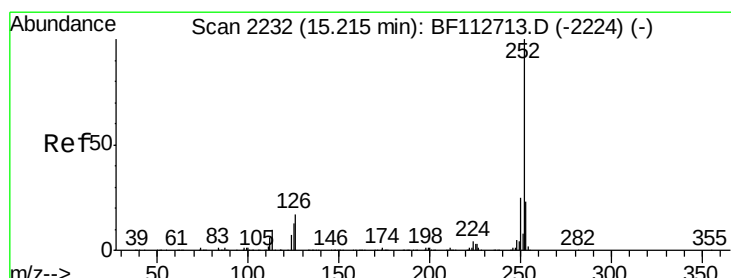
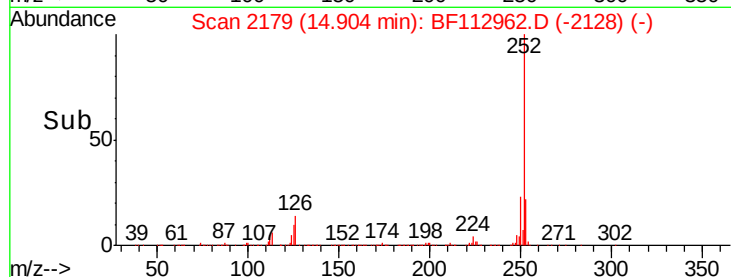
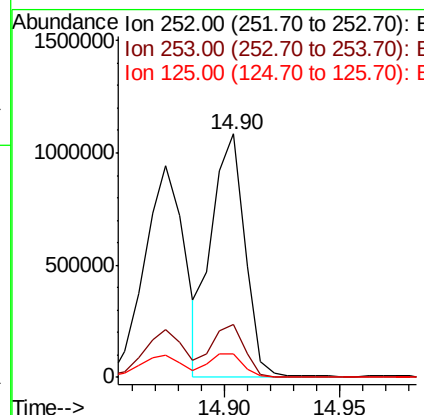
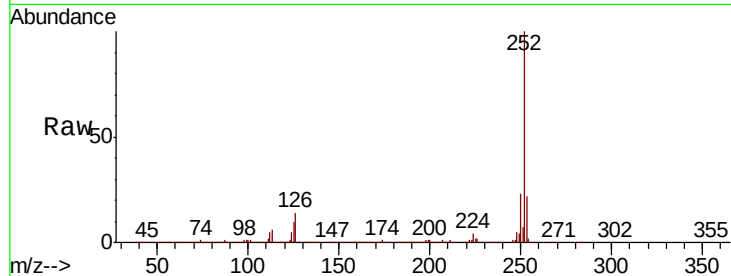
#89
Benzo(k)fluoranthene
Concen: 34.613 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampled :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	9.8	9.8	14.6

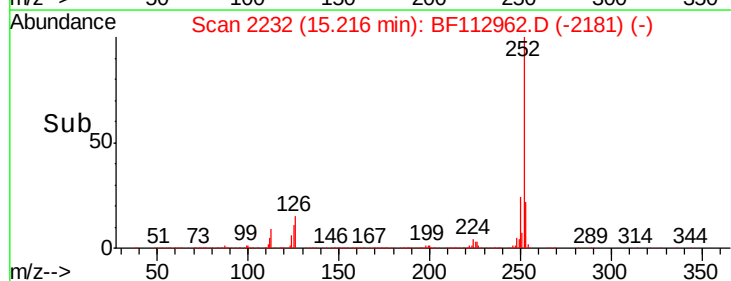
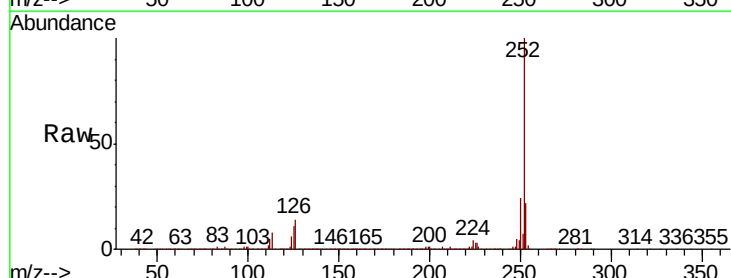
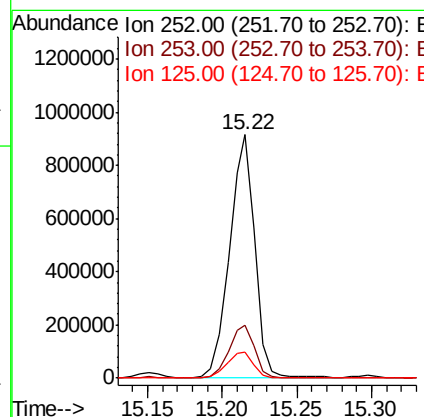
Manual Integrations
APPROVED

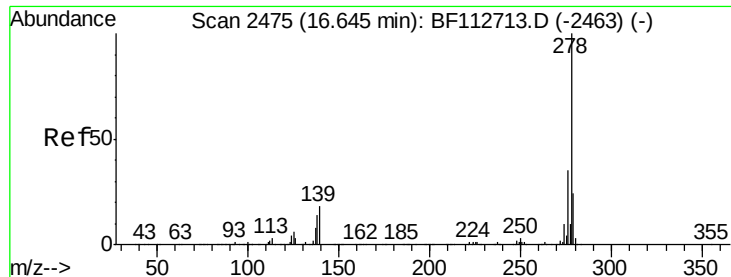
Sohil
3/12/2019 4:28:43 PM



#90
Benzo(a)pyrene
Concen: 35.546 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.9	10.7	16.1





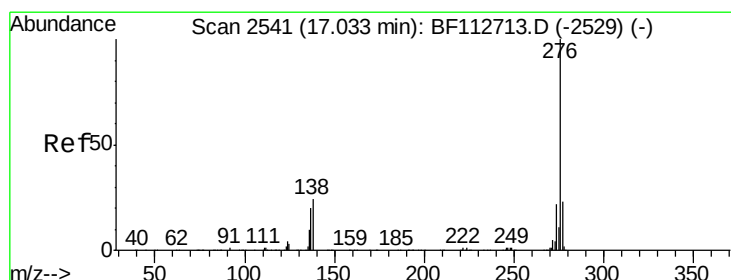
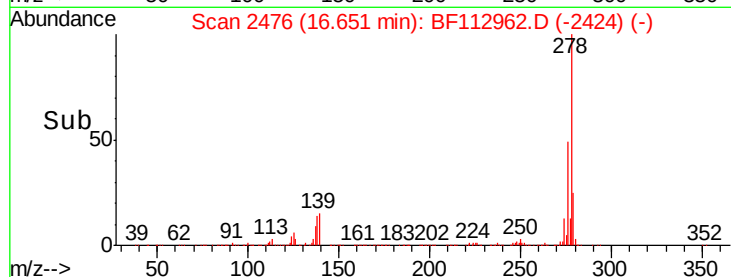
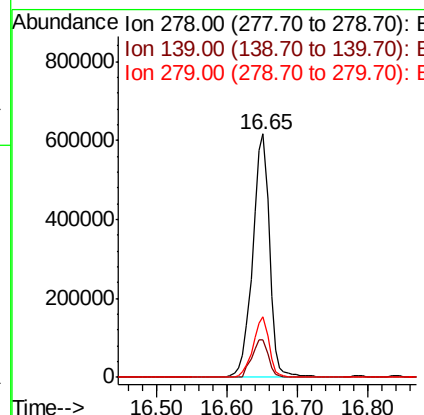
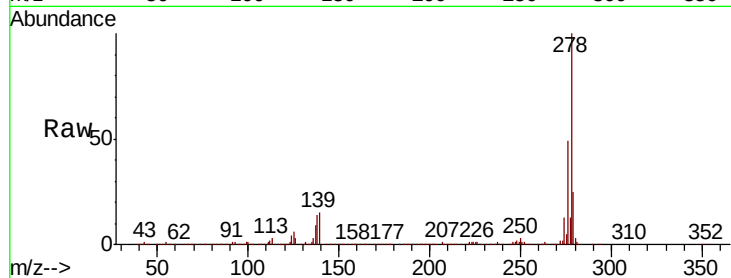
#91
Dibenzo(a,h)anthracene
Concen: 39.512 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	14.3	21.5
279	24.8	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/12/2019 4:28:43 PM



#92
Benzo(g,h,i)perylene
Concen: 37.873 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	21.5	19.4	29.0

