

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
 Data File : BF118395.D
 Acq On : 30 Dec 2019 21:52
 Operator : JU
 Sample : K6456-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

Manual Integrations
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 12/31/2019 12:04:38 PM

Quant Time: Dec 31 07:37:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	150032	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	572019	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	291232	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	452135	20.00	ng	0.00
76) Chrysene-d12	14.06	240	290476	20.00	ng	0.00
87) Perylene-d12	15.55	264	278407	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	892096	101.50	ng	0.02
7) Phenol-d6	6.50	99	1134539	104.05	ng	0.01
23) Nitrobenzene-d5	7.42	82	691566	69.15	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	331308	92.12	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1400030	73.38	ng	0.00
79) Terphenyl-d14	12.99	244	1217041	69.51	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.65	88	126618	36.238	ng	98
3) Pyridine	3.41	79	309536	33.251	ng	98
4) n-Nitrosodimethylamine	3.37	42	149648	38.881	ng	97
6) Aniline	6.52	93	267640	19.331	ng	91
8) 2-Chlorophenol	6.65	128	424048	42.599	ng	98
9) Benzaldehyde	6.40	77	231077	36.148	ng	97
10) Phenol	6.51	94	500801	40.865	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	368536	42.050	ng	97
12) 1,3-Dichlorobenzene	6.80	146	457631	39.917	ng	98
13) 1,4-Dichlorobenzene	6.87	146	464453	39.885	ng	99
14) 1,2-Dichlorobenzene	7.03	146	436774	39.728	ng	99
15) Benzyl Alcohol	7.00	79	338860	40.818	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	376173	40.223	ng	62
17) 2-Methylphenol	7.12	107	332636	41.662	ng	96
18) Hexachloroethane	7.36	117	156080	36.520	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	275154	40.965	ng	99
20) 3+4-Methylphenols	7.27	107	429785	42.060	ng	# 79
22) Acetophenone	7.27	105	567052	40.447	ng	# 98
24) Nitrobenzene	7.45	77	407799	40.705	ng	93
25) Isophorone	7.68	82	745692	42.782	ng	98
26) 2-Nitrophenol	7.76	139	226333	42.652	ng	96
27) 2,4-Dimethylphenol	7.80	122	362780	50.107	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	477462	41.886	ng	99
29) 2,4-Dichlorophenol	8.01	162	352111	42.253	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	394982	40.689	ng	96
31) Naphthalene	8.16	128	1210821	41.647	ng	99
32) Benzoic acid	7.95	122	189649	33.028	ng	92
33) 4-Chloroaniline	8.22	127	107951	8.661	ng	98
34) Hexachlorobutadiene	8.27	225	230911	39.961	ng	99
35) Caprolactam	8.60	113	109685m	42.159	ng	
36) 4-Chloro-3-methylphenol	8.71	107	366520	40.965	ng	96
37) 2-Methylnaphthalene	8.86	142	841459	42.272	ng	100
38) 1-Methylnaphthalene	8.96	142	774424	41.294	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	363047	41.490	ng	99

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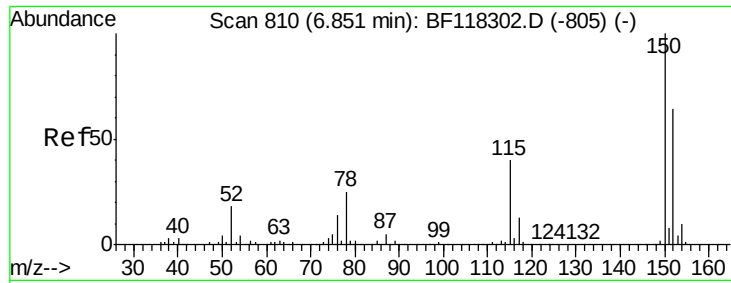
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	44625	19.782	ng	96
43) 2,4,6-Trichlorophenol	9.15	196	245788	42.045	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	253584	42.168	ng	99
46) 1,1'-Biphenyl	9.32	154	981430	42.606	ng	99
47) 2-Chloronaphthalene	9.35	162	748950	40.398	ng	99
48) 2-Nitroaniline	9.45	65	206241	39.385	ng	99
49) Acenaphthylene	9.77	152	1153314	41.945	ng	99
50) Dimethylphthalate	9.62	163	1003180	45.889	ng	99
51) 2,6-Dinitrotoluene	9.69	165	197017	41.802	ng	98
52) Acenaphthene	9.94	154	671829	40.114	ng	99
53) 3-Nitroaniline	9.86	138	98725	17.847	ng	87
54) 2,4-Dinitrophenol	9.99	184	27236	15.903	ng	97
55) Dibenzofuran	10.11	168	1002602	40.515	ng	96
56) 4-Nitrophenol	10.05	139	253590	74.259	ng	93
57) 2,4-Dinitrotoluene	10.10	165	245520	38.986	ng	86
58) Fluorene	10.46	166	785769	39.334	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	194409	38.048	ng	99
60) Diethylphthalate	10.33	149	915945	42.352	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	408860	40.999	ng	98
62) 4-Nitroaniline	10.49	138	163497	28.451	ng	93
63) Azobenzene	10.61	77	739989	39.946	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	28200	11.562	ng	97
66) n-Nitrosodiphenylamine	10.57	169	712164	49.146	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	242752	45.878	ng	94
68) Hexachlorobenzene	11.01	284	256700	41.215	ng	98
69) Atrazine	11.10	200	236319	52.840	ng	97
70) Pentachlorophenol	11.21	266	202397	75.035	ng	98
71) Phenanthrene	11.43	178	1022056	41.466	ng	98
72) Anthracene	11.47	178	1053802	42.714	ng	98
73) Carbazole	11.63	167	887996	40.563	ng	99
74) Di-n-butylphthalate	11.96	149	1321161	47.596	ng	100
75) Fluoranthene	12.62	202	912780	36.694	ng	99
77) Benzidine	12.75	184	745561	93.673	ng	98
78) Pyrene	12.85	202	906048	38.197	ng	100
80) Butylbenzylphthalate	13.46	149	455921	42.688	ng	94
81) Benzo(a)anthracene	14.04	228	836416	41.137	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	331118	48.031	ng	100
83) Chrysene	14.09	228	797196	40.947	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	668150	47.576	ng	99
85) Di-n-octyl phthalate	14.63	149	1110283	53.745	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	615345	37.095	ng	100
88) Benzo(b)fluoranthene	15.11	252	788920	42.689	ng	99
89) Benzo(k)fluoranthene	15.14	252	726457	40.939	ng	97
90) Benzo(a)pyrene	15.49	252	644127	39.566	ng	98
91) Dibenzo(a,h)anthracene	17.08	278	533493	37.763	ng	99
92) Benzo(g,h,i)perylene	17.53	276	487501	35.722	ng	99

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



#1

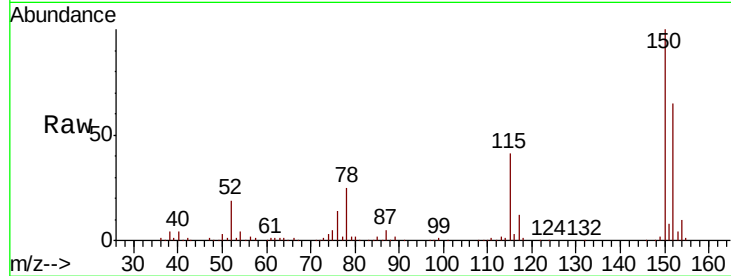
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.4	188.2
115	62.8	50.2	75.4

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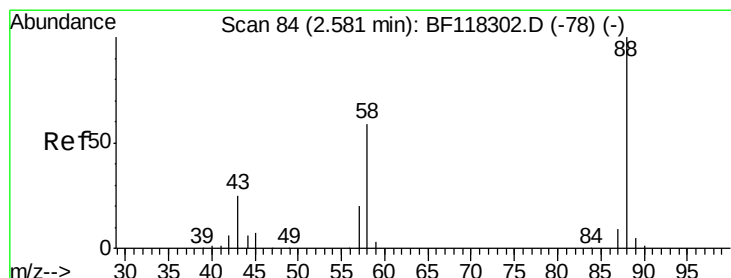
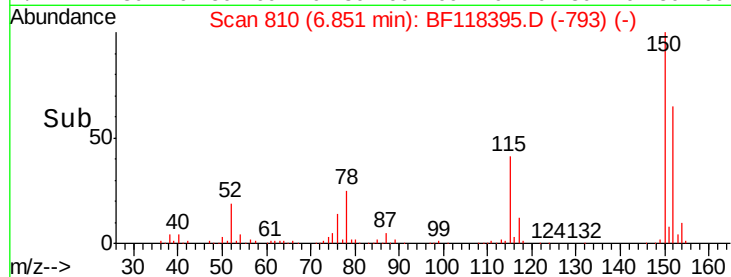
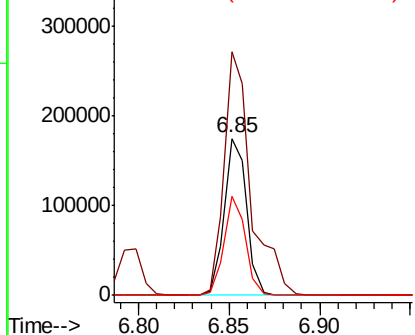


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

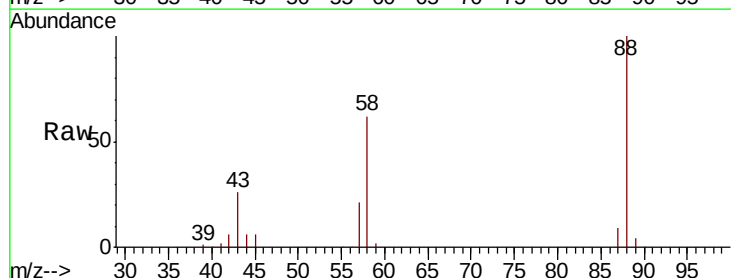
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.238 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.07 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	47.6	71.4
43	25.4	20.6	30.8

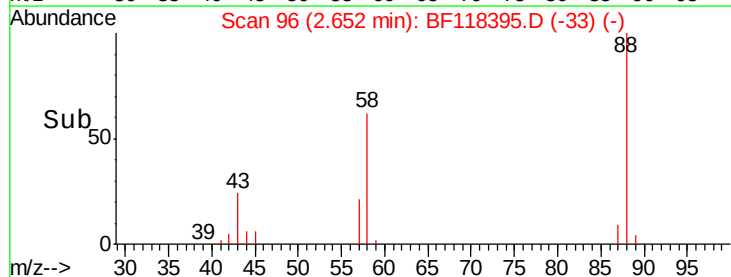
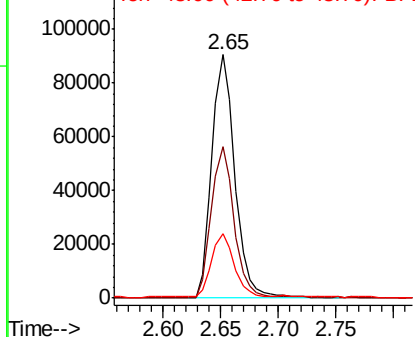


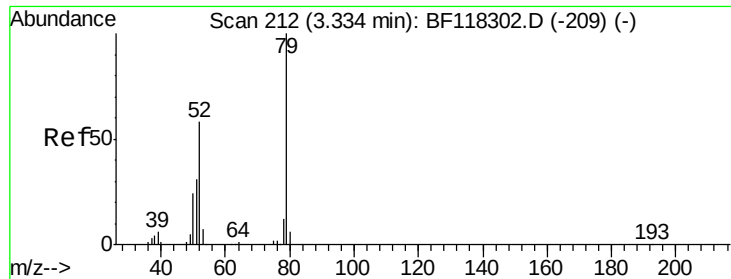
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.251 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.08 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

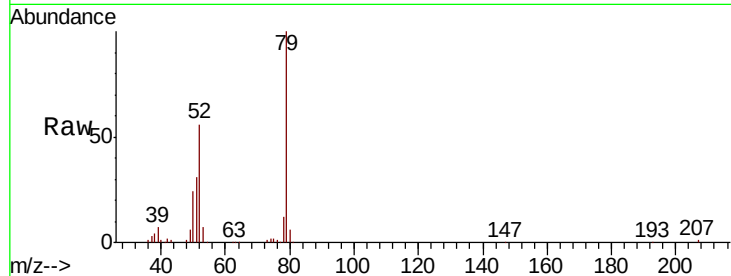
ClientSampleId :

SB-04MSD

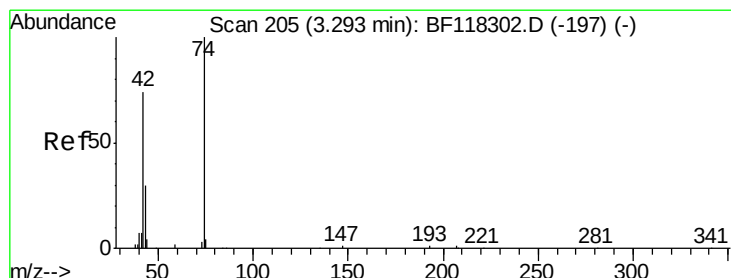
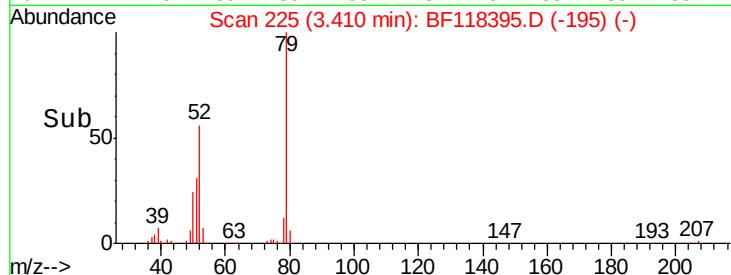
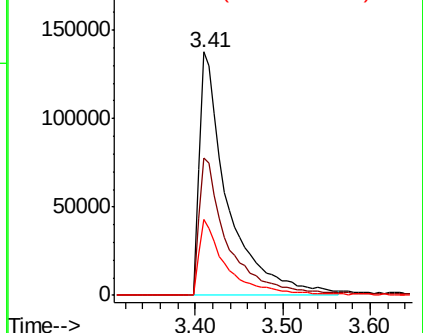
Tot Ion:	79	Resp:	309536
Ion Ratio	Lower	Upper	
79	100		
52	56.2	46.4	69.6
51	30.9	24.9	37.3

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.881 ng

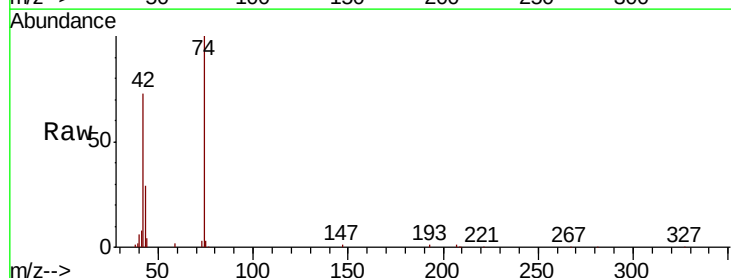
RT: 3.37 min Scan# 218

Delta R.T. 0.08 min

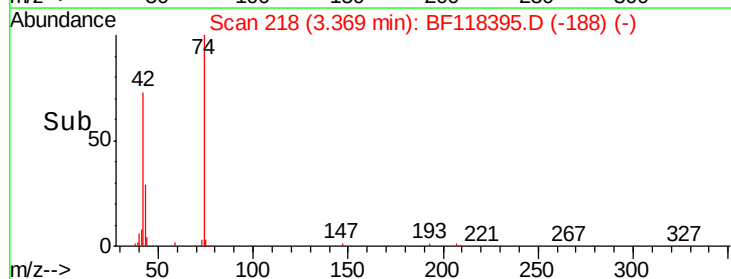
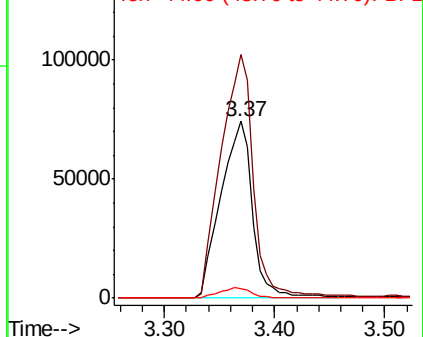
Lab File: BF118395.D

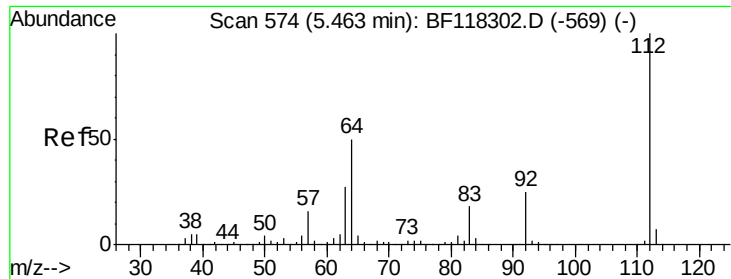
Acq: 30 Dec 2019 21:52

Tgt Ion:	42	Resp:	149648
Ion Ratio	Lower	Upper	
42	100		
74	137.9	107.7	161.5
44	5.4	4.8	7.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 101.498 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

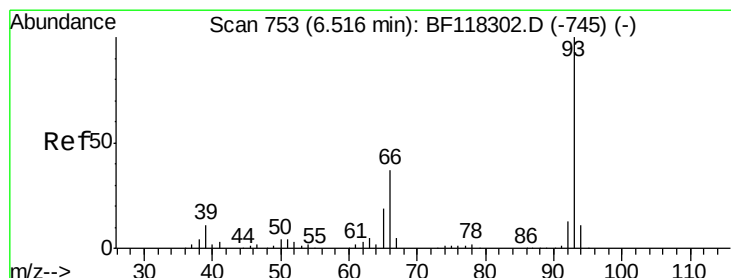
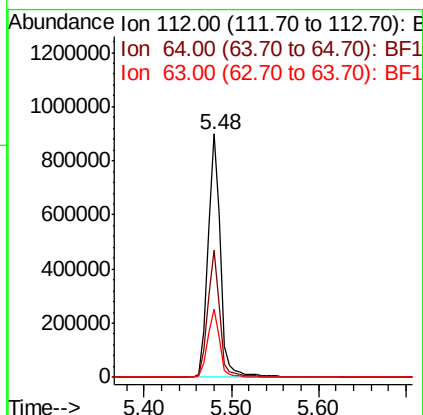
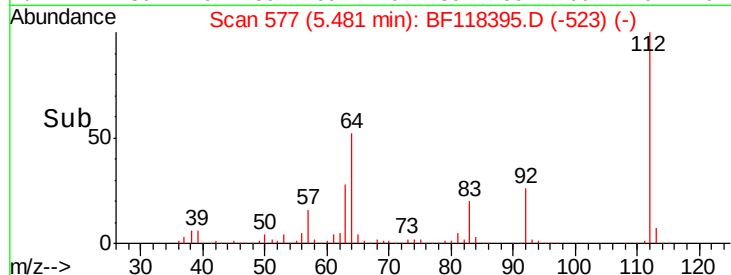
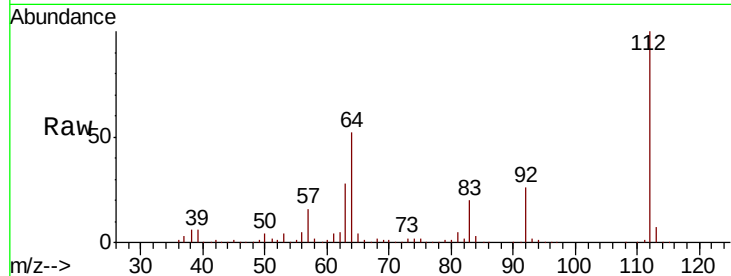
ClientSampleId :

SB-04MSD

Tot Ion:	112	Resp:	892096
Ion Ratio	Lower	Upper	
112	100		
64	52.1	39.7	59.5
63	28.1	21.7	32.5

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#6

Aniline

Concen: 19.331 ng

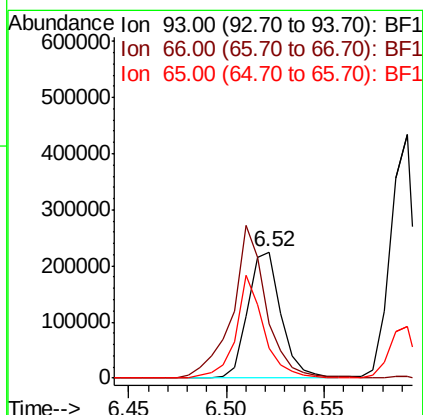
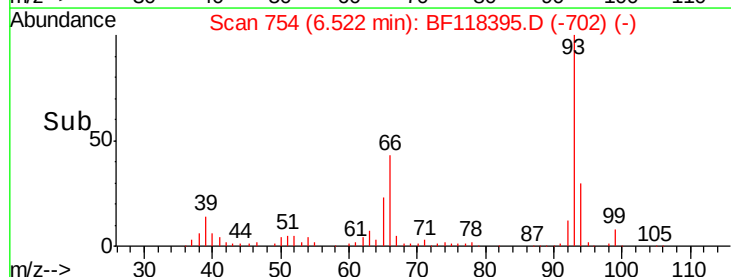
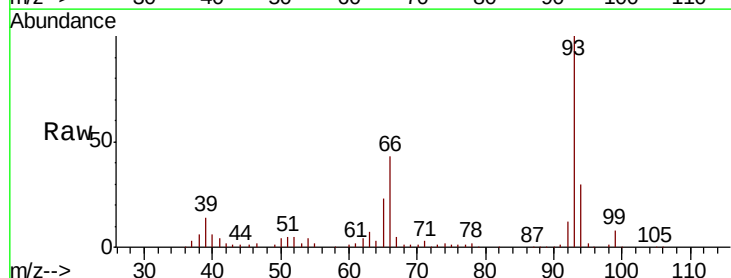
RT: 6.52 min Scan# 754

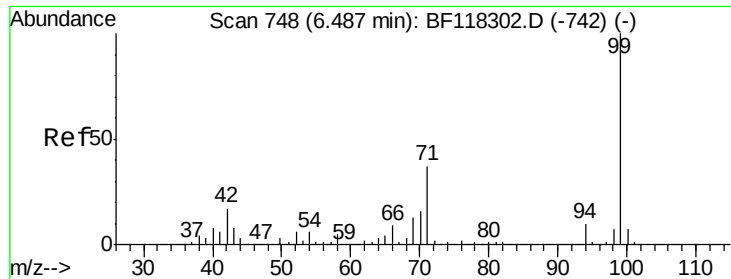
Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Tgt Ion:	93	Resp:	267640
Ion Ratio	Lower	Upper	
93	100		
66	43.1	30.2	45.4
65	23.3	15.7	23.5





#7

Phenol-d6

Concen: 104.054 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

Tot Ion: 99 Resp: 1134539

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

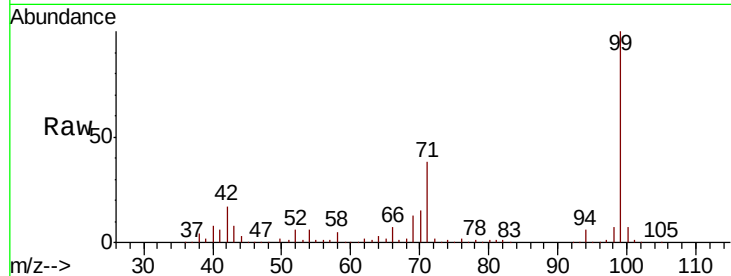
71 37.5 29.4 44.2

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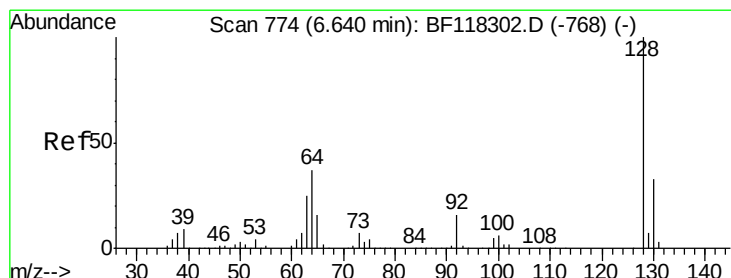
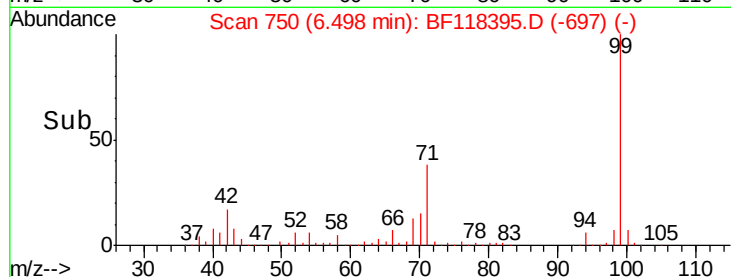
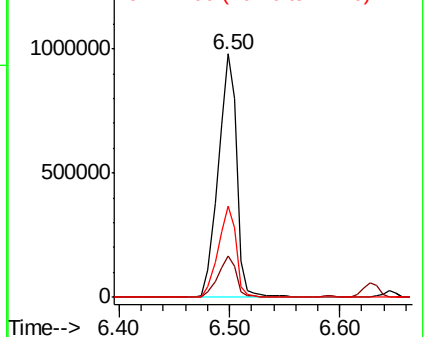
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.599 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

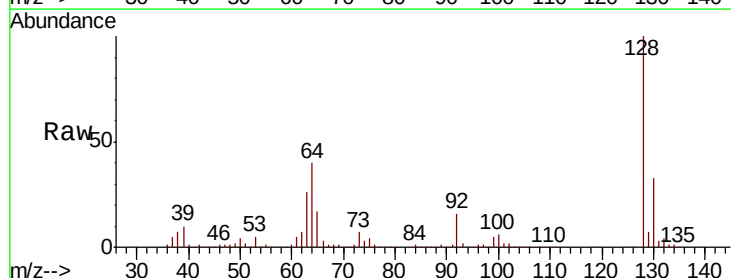
Tgt Ion: 128 Resp: 424048

Ion Ratio Lower Upper

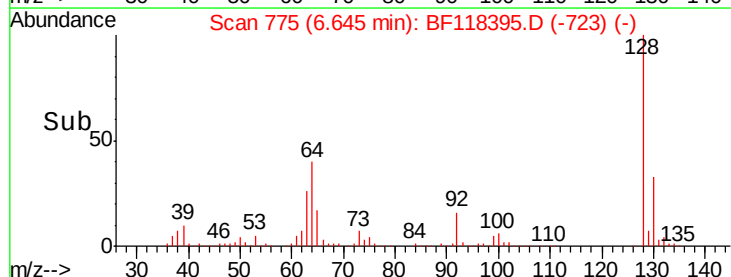
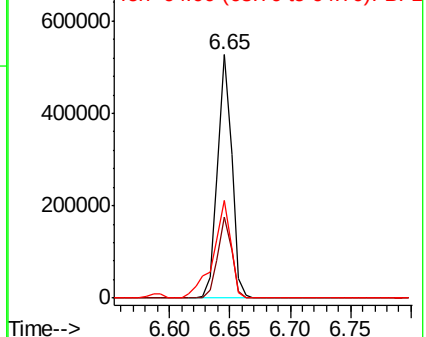
128 100

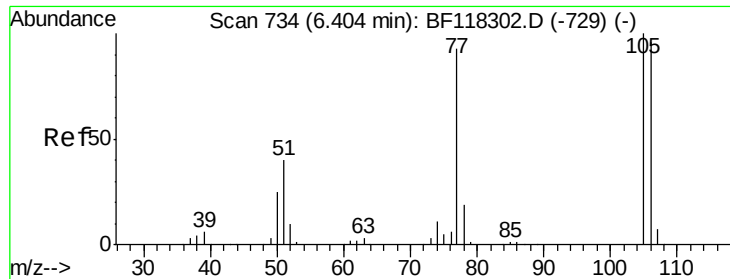
130 33.4 13.2 53.2

64 40.2 17.7 57.7



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: 36.148 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

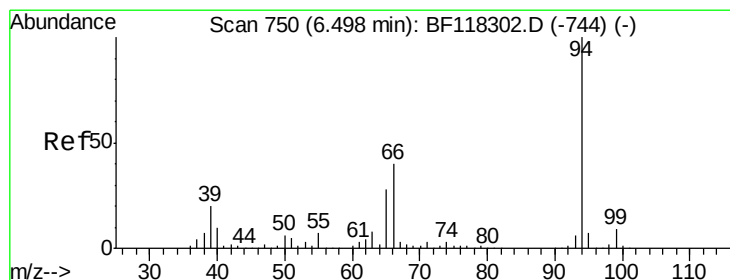
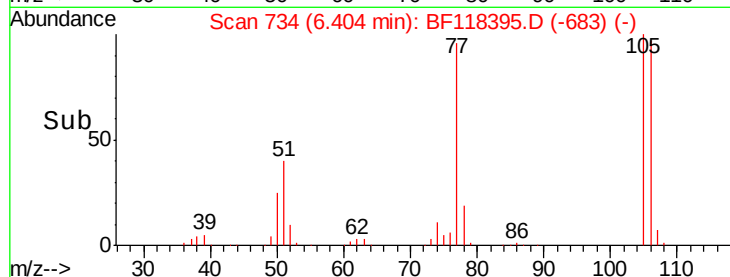
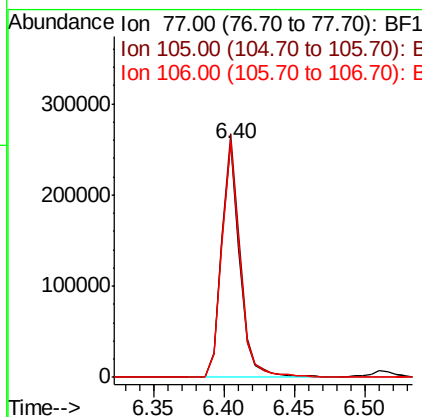
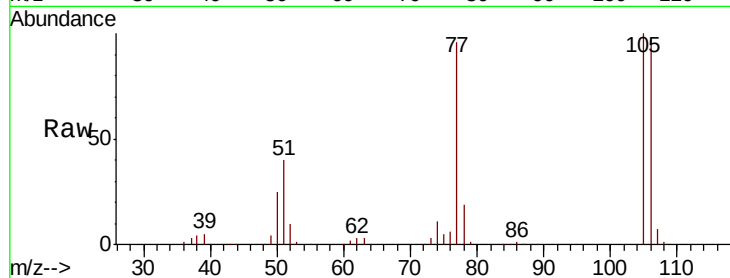
ClientSampleId :

SB-04MSD

Tot Ion:	77	Resp:	231077
Ion	Ratio	Lower	Upper
77	100		
105	103.9	87.5	127.5
106	100.6	83.6	123.6

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#10

Phenol

Concen: 40.865 ng

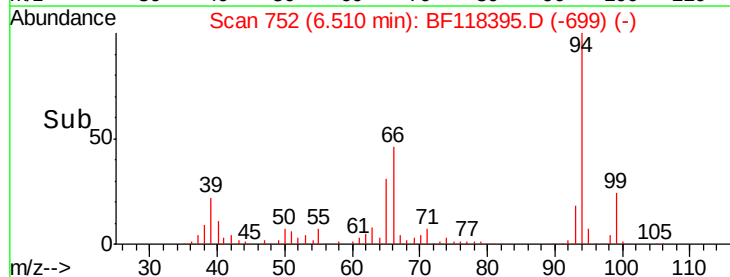
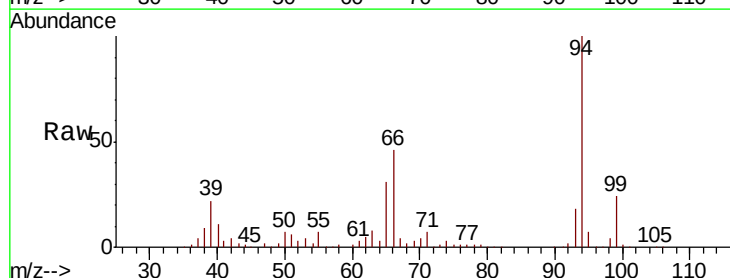
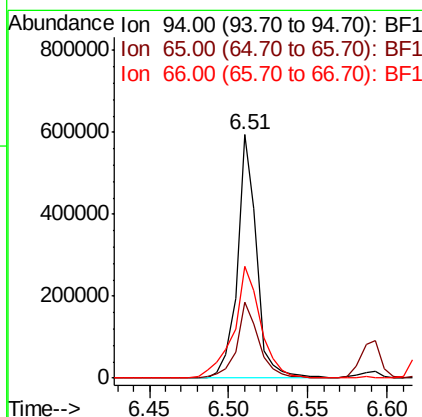
RT: 6.51 min Scan# 752

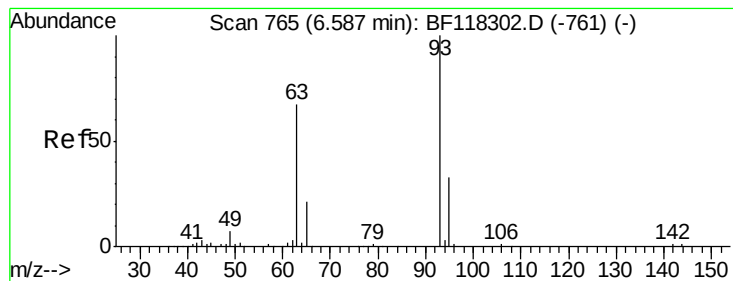
Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Tgt Ion:	94	Resp:	500801
Ion	Ratio	Lower	Upper
94	100		
65	31.0	7.8	47.8
66	46.0	20.4	60.4





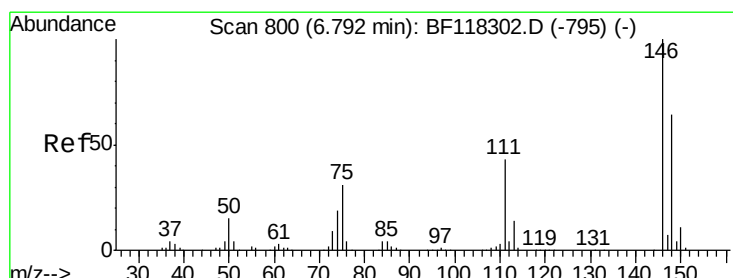
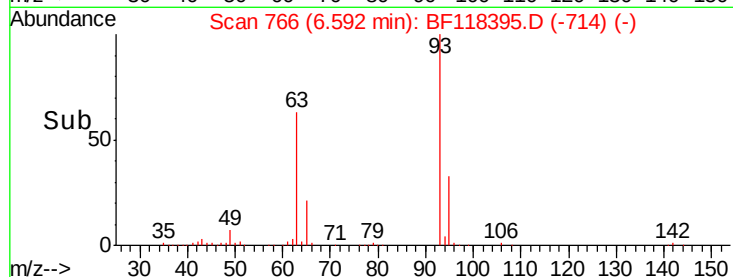
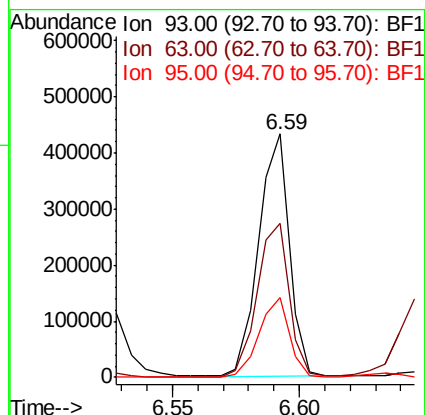
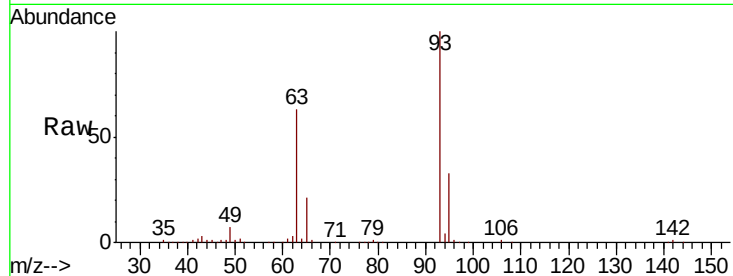
#11
bis(2-Chloroethyl)ether
Concen: 42.050 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion:	93	Resp:	368536
Ion Ratio	Lower	Upper	
93	100		
63	63.1	47.0	87.0
95	32.8	12.8	52.8

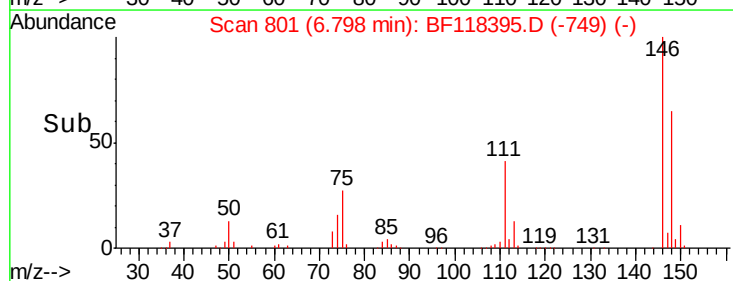
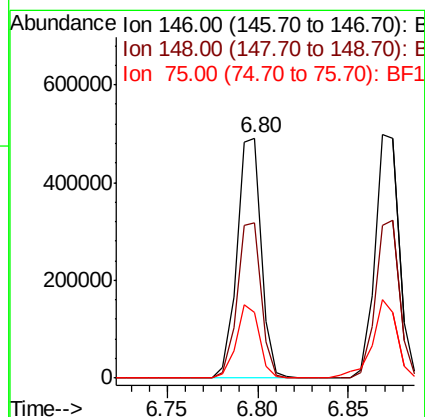
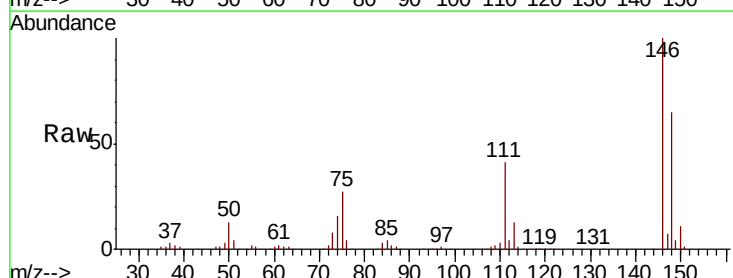
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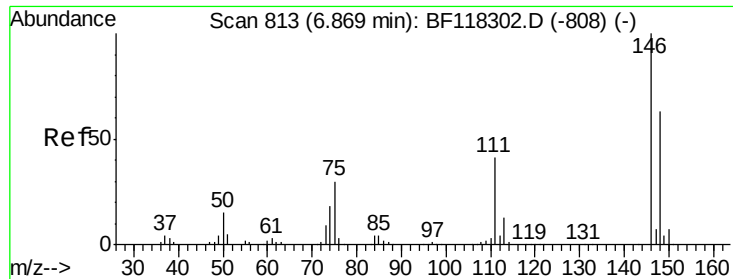
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#12
1,3-Dichlorobenzene
Concen: 39.917 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:	146	Resp:	457631
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.4	77.0
75	27.2	24.4	36.6





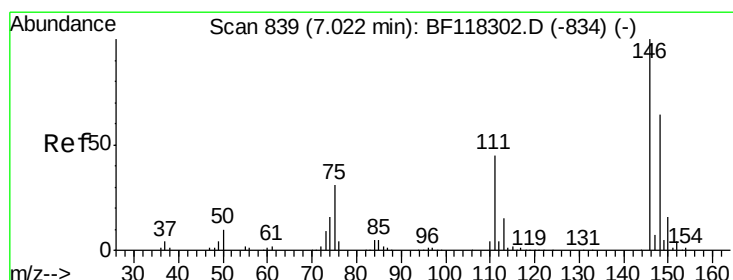
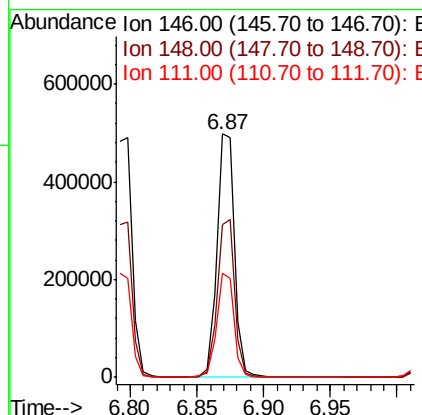
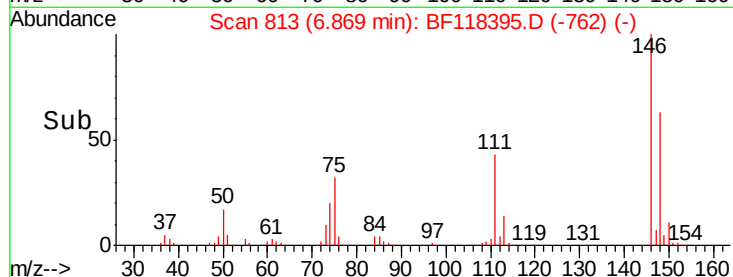
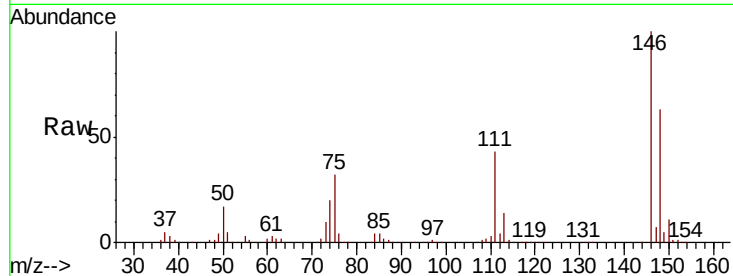
#13
 1,4-Dichlorobenzene
 Concen: 39.885 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	42.6	32.8	49.2

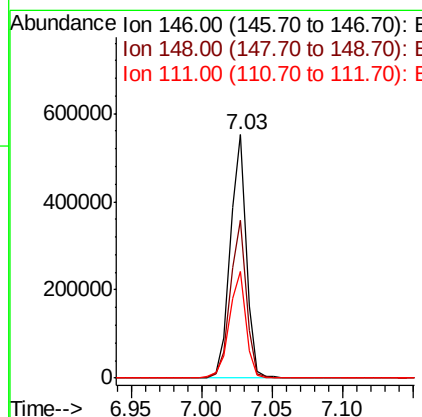
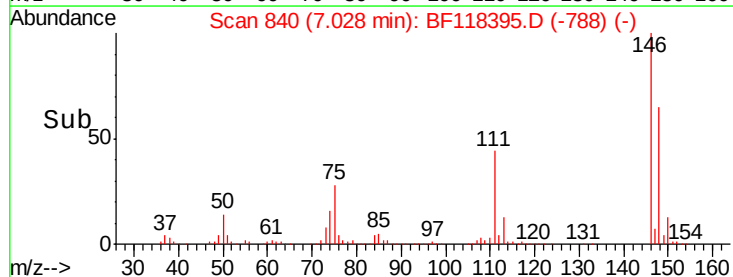
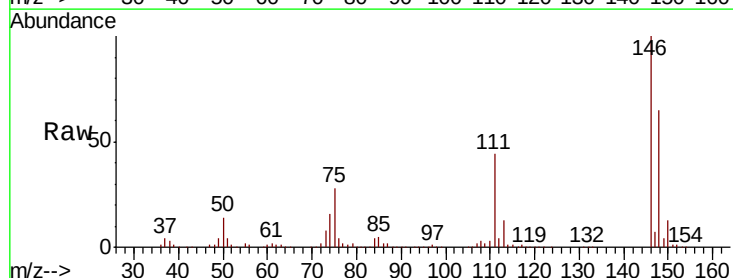
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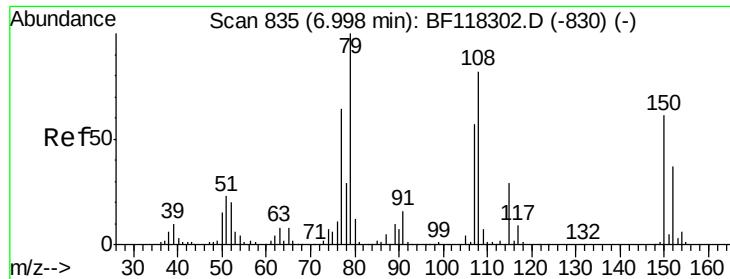
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#14
 1,2-Dichlorobenzene
 Concen: 39.728 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.3	76.9
111	43.6	35.7	53.5





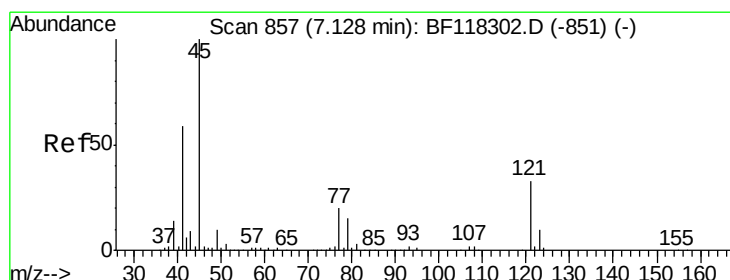
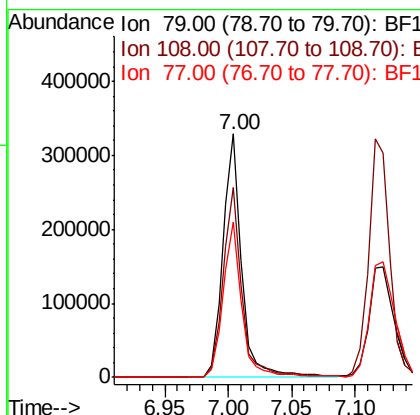
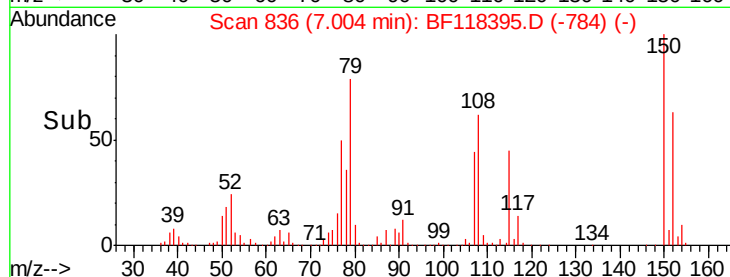
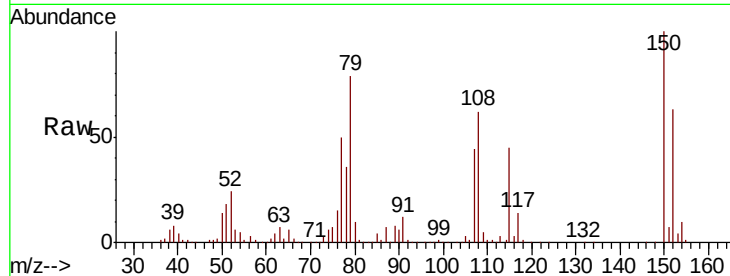
#15
Benzyl Alcohol
Concen: 40.818 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.2	65.4	98.0
77	63.8	51.4	77.0

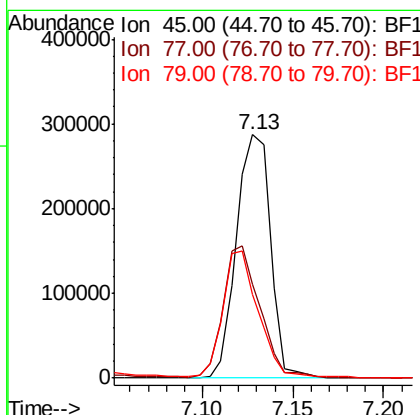
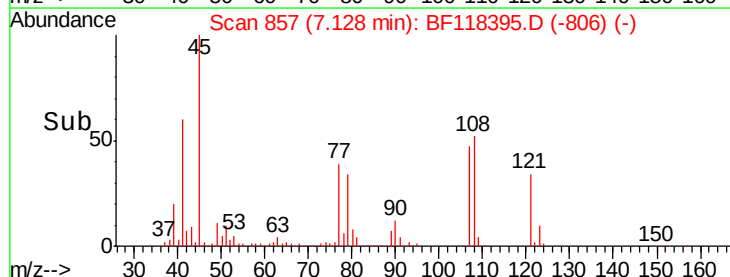
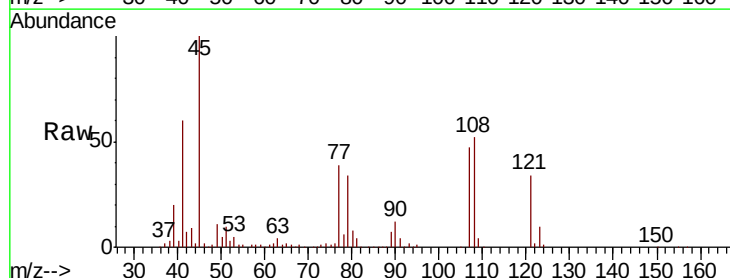
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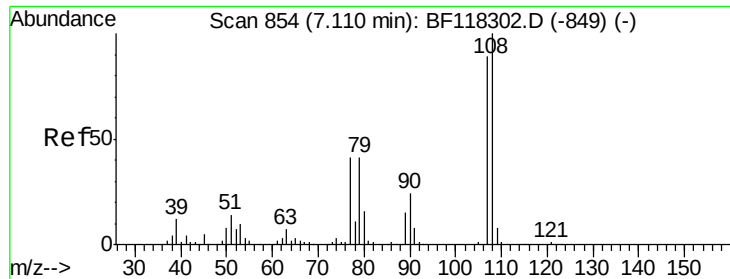
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.223 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	38.8	1.2	41.2
79	34.3	0.0	37.0





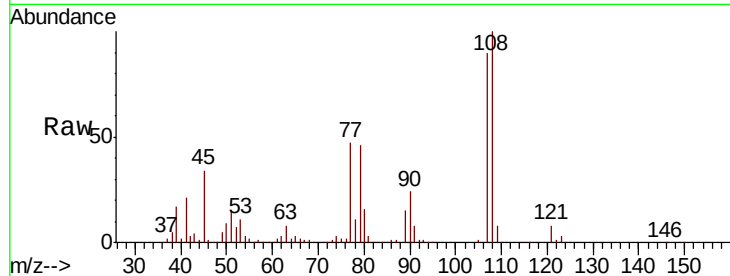
#17
2-Methylphenol
Concen: 41.662 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampled :
SB-04MSD

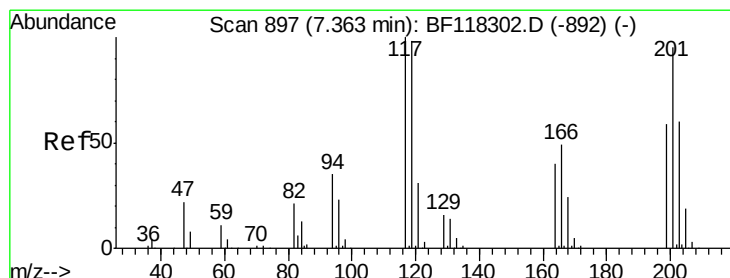
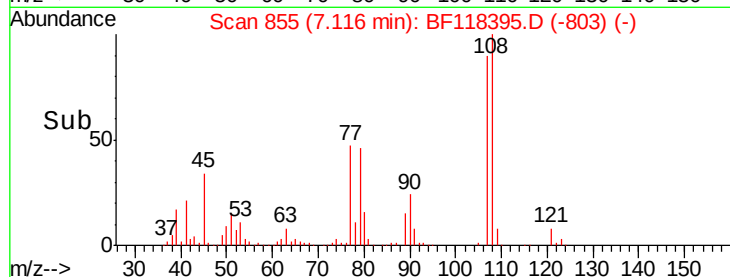
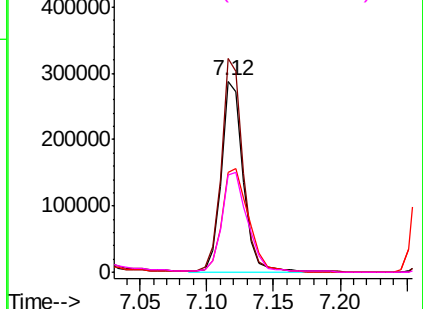
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	89.7	134.5	
77	52.2	37.2	55.8	
79	51.1	36.7	55.1	

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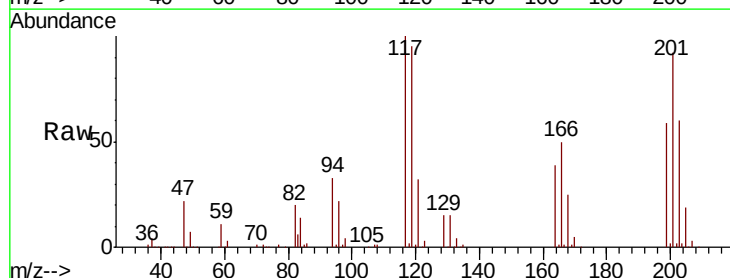


Abundance Ion 107.00 (106.70 to 107.70): E
500000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

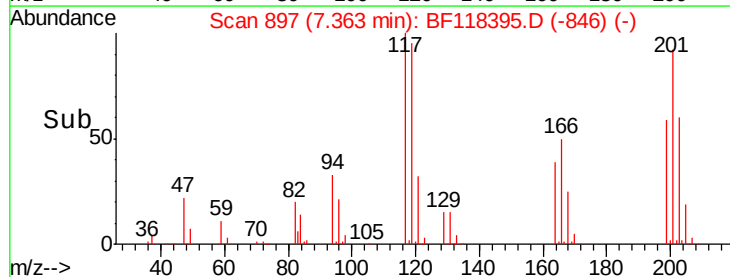
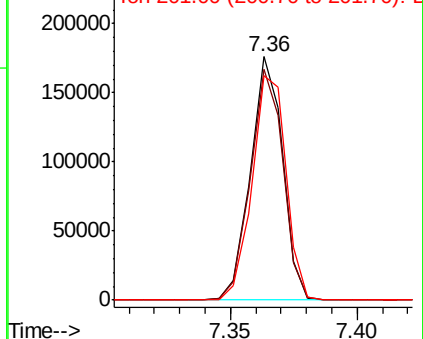


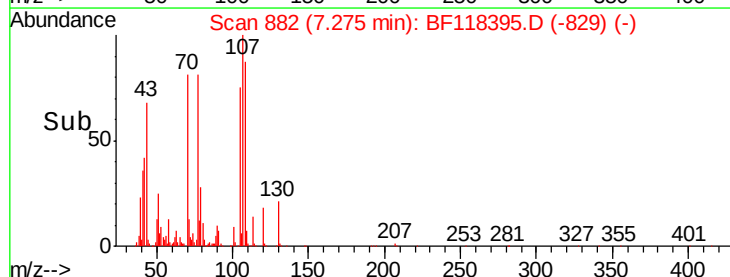
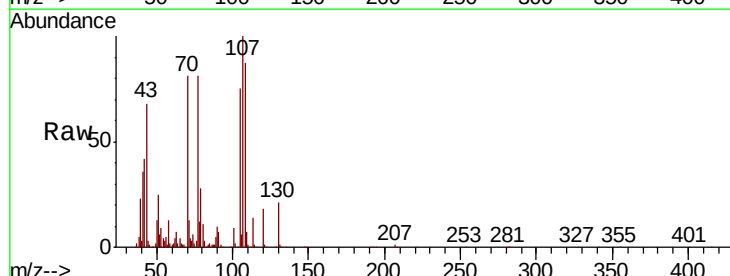
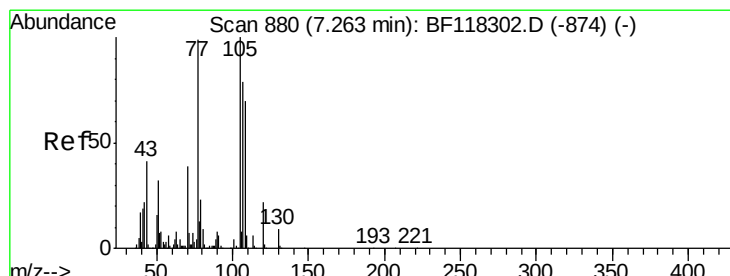
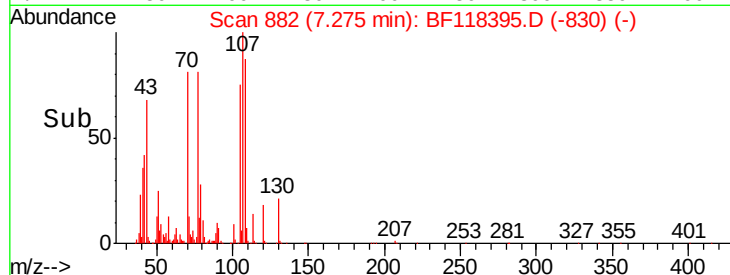
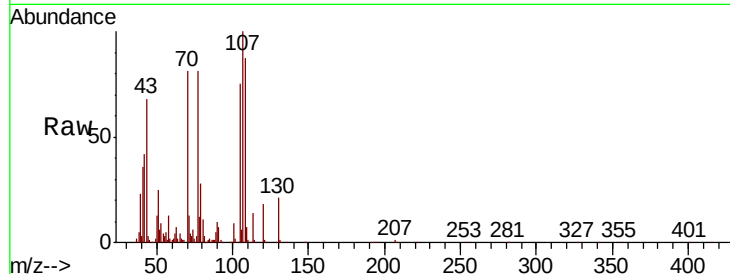
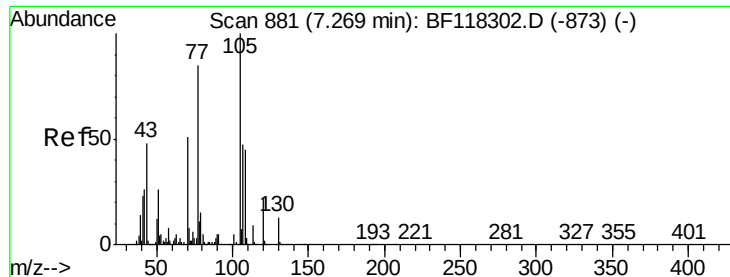
#18
Hexachloroethane
Concen: 36.520 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	78.0	117.0	
201	92.1	76.2	114.2	



Abundance Ion 117.00 (116.70 to 117.70): E
200000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





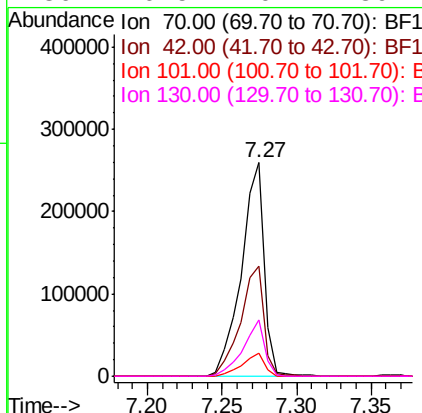
#19
n-Nitroso-di-n-propylamine
Concen: 40.965 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.3	41.1	61.7
101	10.7	8.3	12.5
130	26.5	20.1	30.1

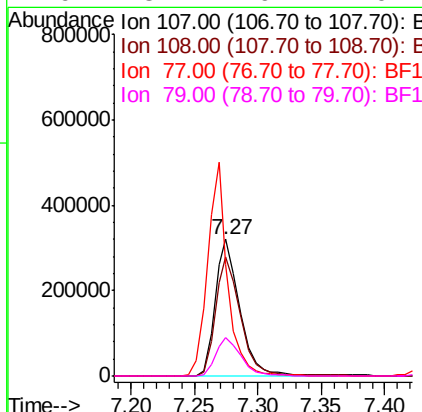
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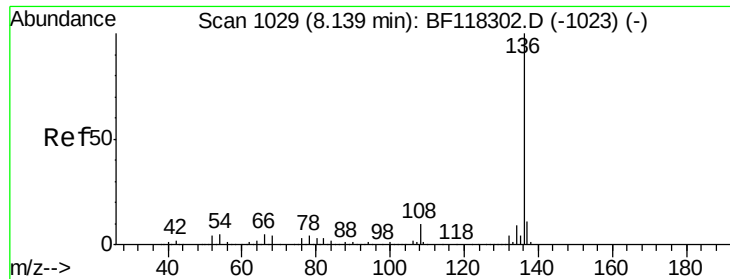
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#20
3+4-Methylphenols
Concen: 42.060 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	69.3	109.3
77	81.5	105.9	145.9#
79	28.1	9.2	49.2





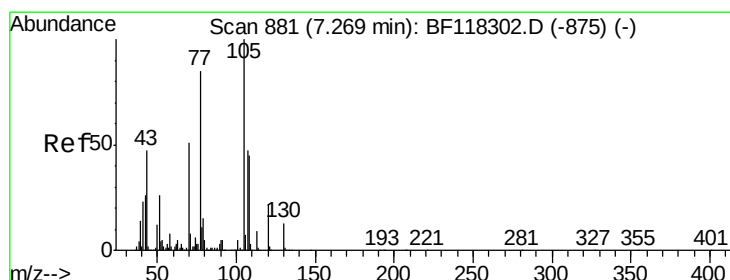
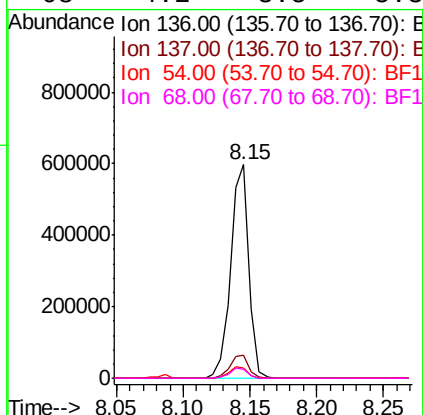
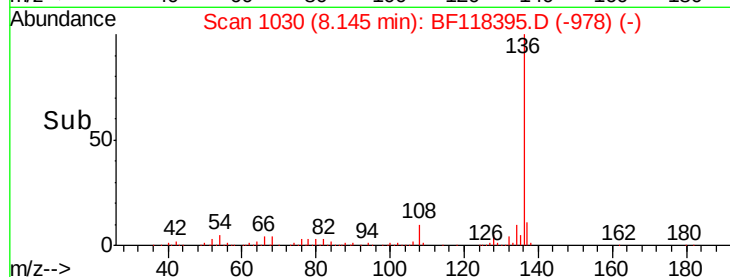
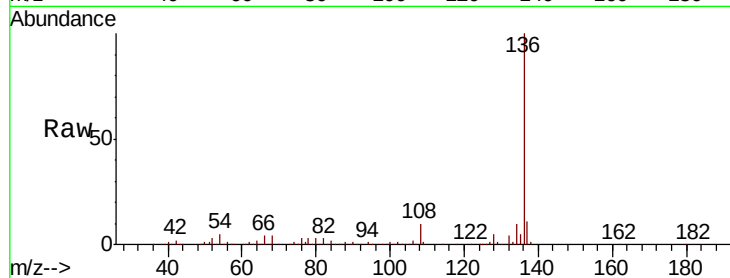
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		572019		
137	10.9	8.9	13.3		
54	4.9	4.2	6.4		
68	4.2	3.5	5.3		

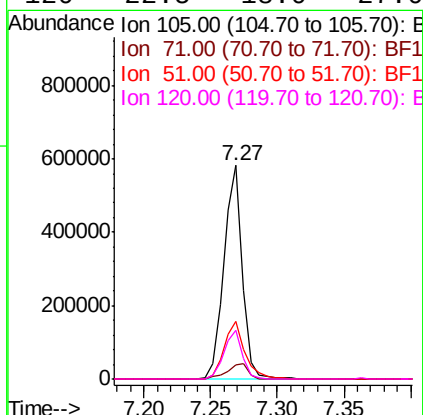
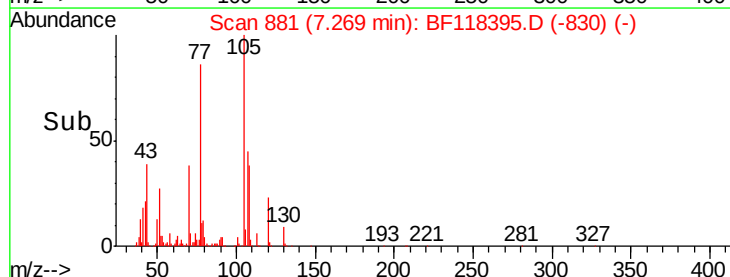
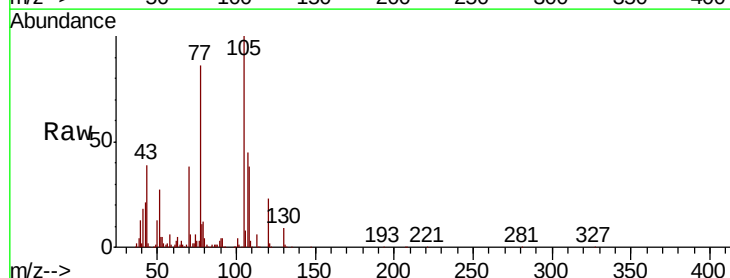
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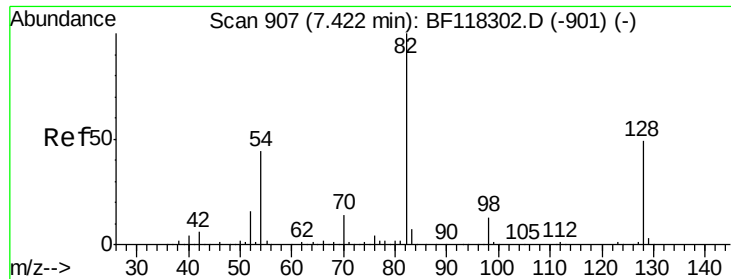
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#22
Acetophenone
Concen: 40.447 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		567052		
71	6.4	6.6	9.8#		
51	26.8	20.6	30.8		
120	22.5	18.0	27.0		





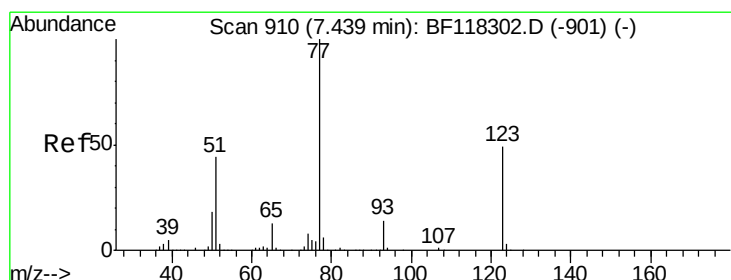
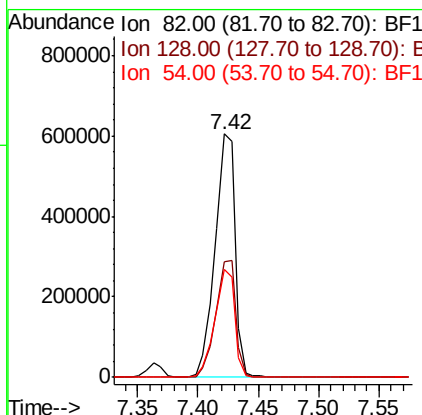
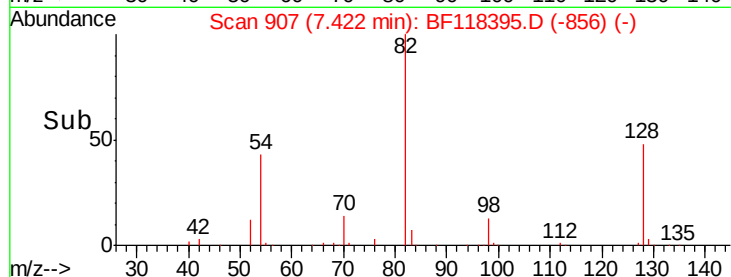
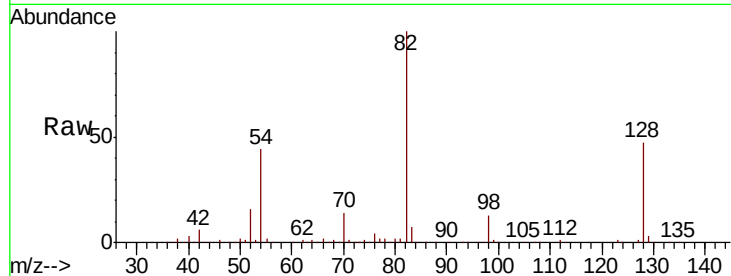
#23
Nitrobenzene-d5
Concen: 69.148 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	691566		
128	47.4	39.6	59.4	
54	44.4	34.9	52.3	

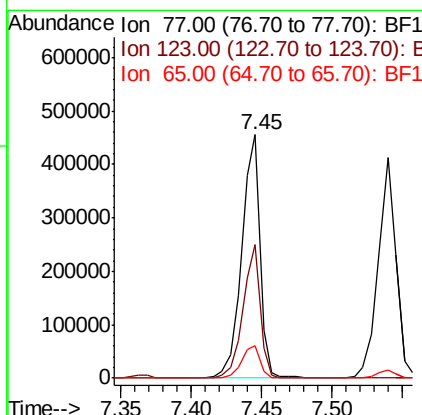
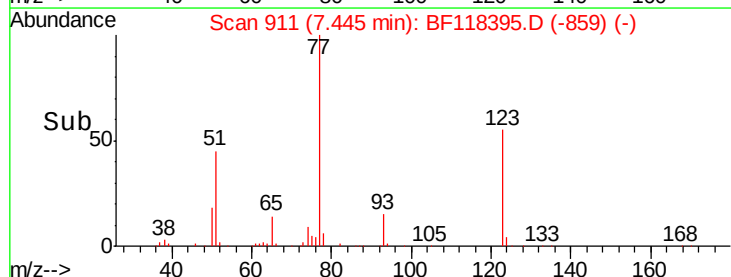
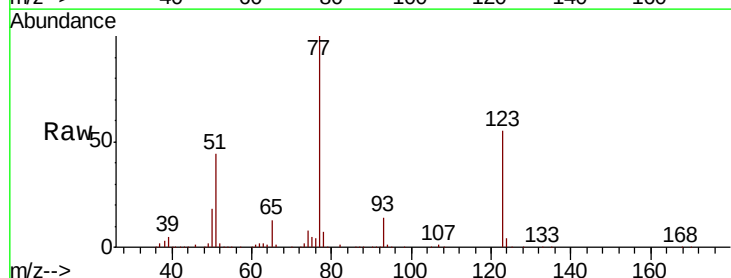
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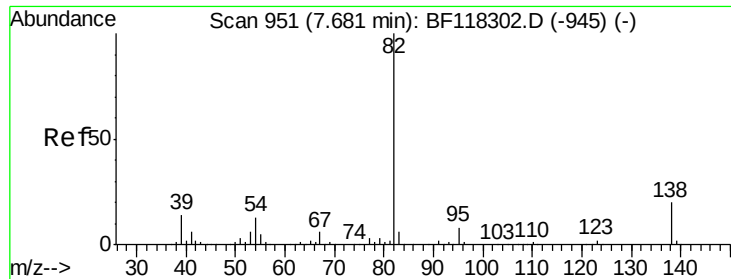
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#24
Nitrobenzene
Concen: 40.705 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	407799		
123	54.6	39.1	58.7	
65	13.2	10.6	16.0	





#25

Isophorone

Concen: 42.782 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

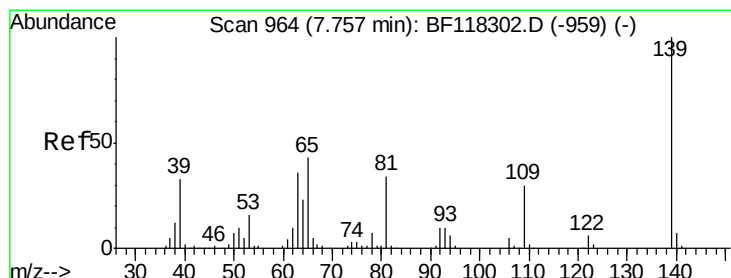
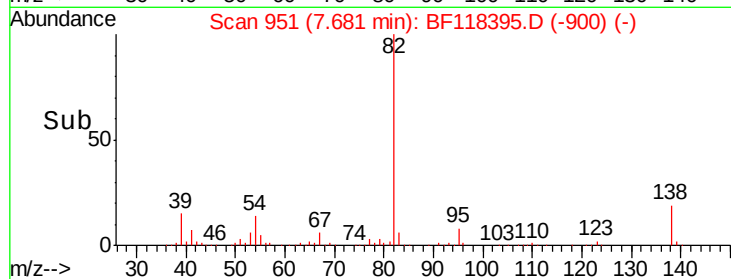
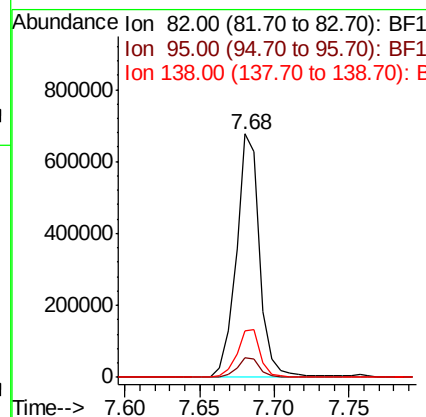
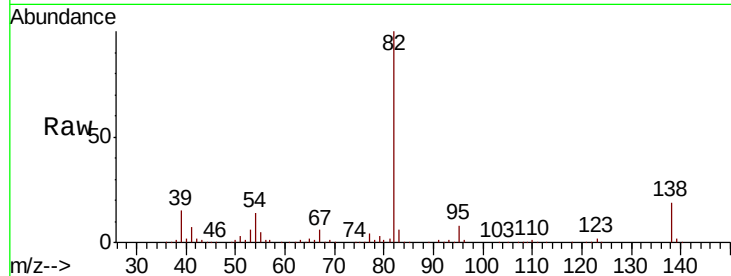
ClientSampleId :

SB-04MSD

Tot Ion:	82	Resp:	745692
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.3	9.5
138	19.0	16.2	24.2

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#26

2-Nitrophenol

Concen: 42.652 ng

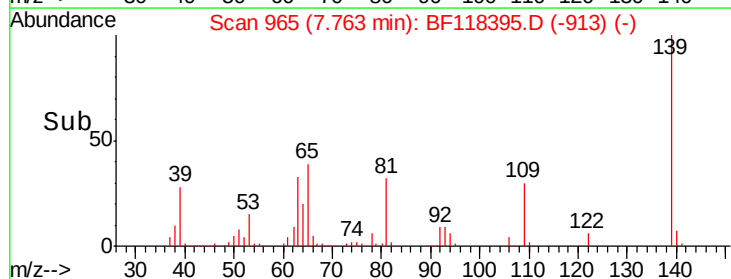
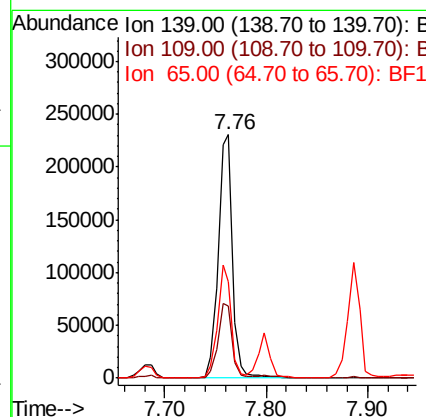
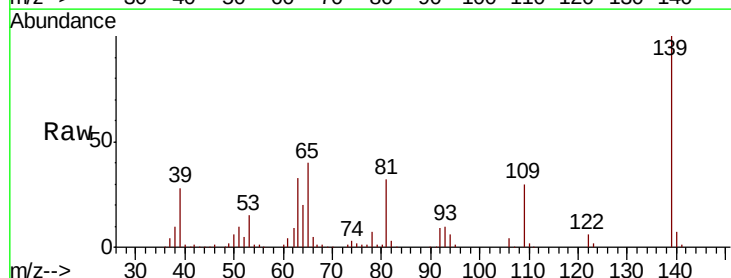
RT: 7.76 min Scan# 965

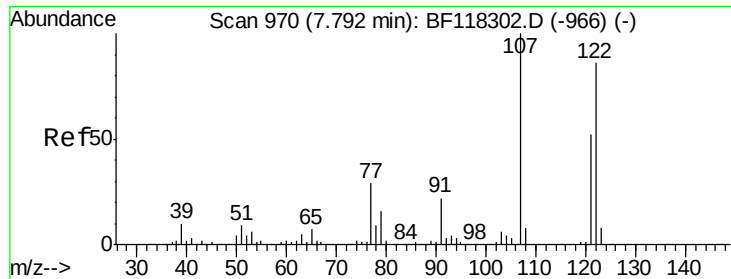
Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Tgt Ion:	139	Resp:	226333
Ion Ratio	Lower	Upper	
139	100		
109	29.6	24.1	36.1
65	39.8	34.6	52.0





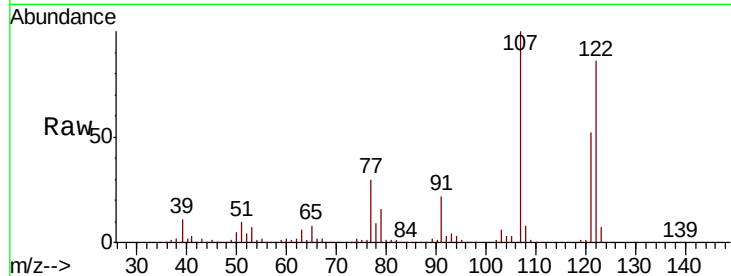
#27
2,4-Dimethylphenol
Concen: 50.107 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	92.9	139.3
121	60.7	47.9	71.9

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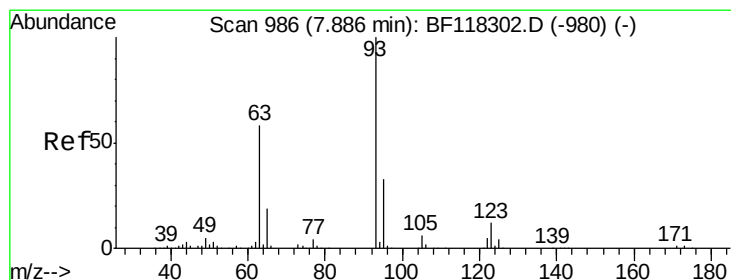
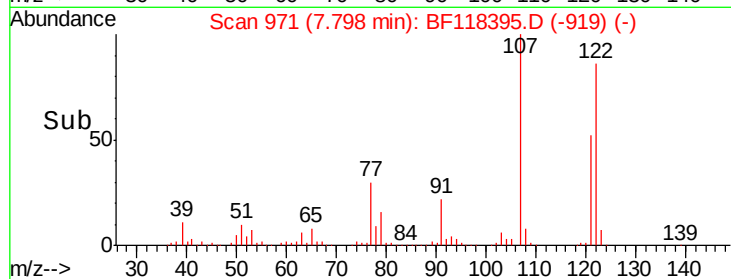
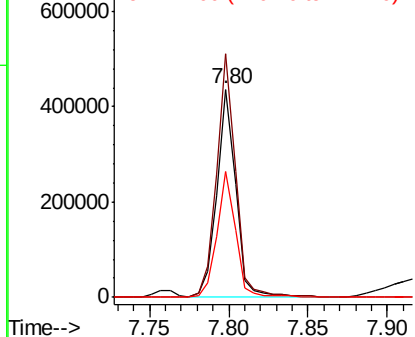


Abundance

Ion 122.00 (121.70 to 122.70): E

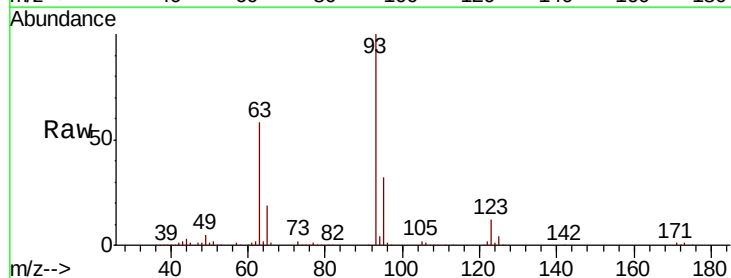
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.886 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	11.8	9.8	14.8

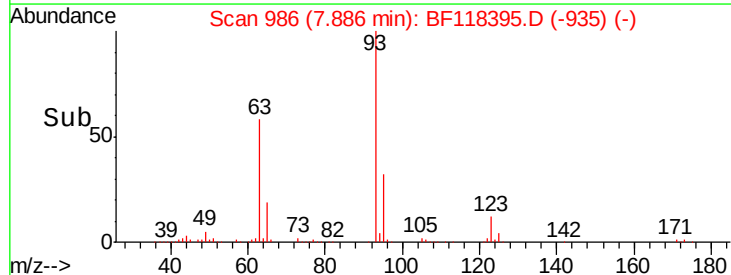
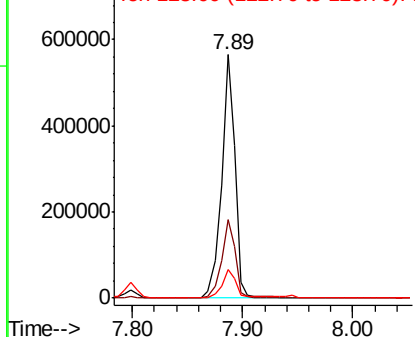


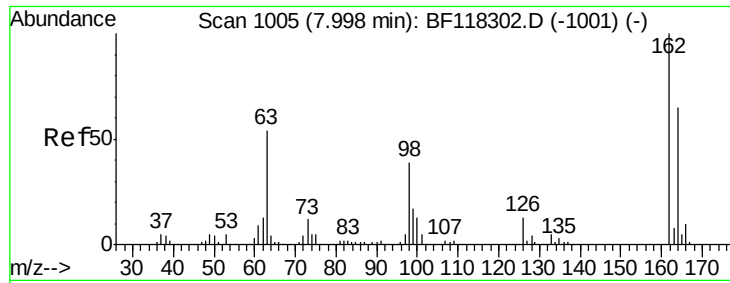
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





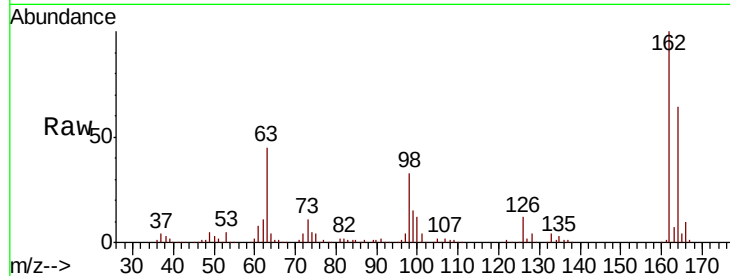
#29
2,4-Dichlorophenol
Concen: 42.253 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	45.1	85.1
98	32.5	18.6	58.6

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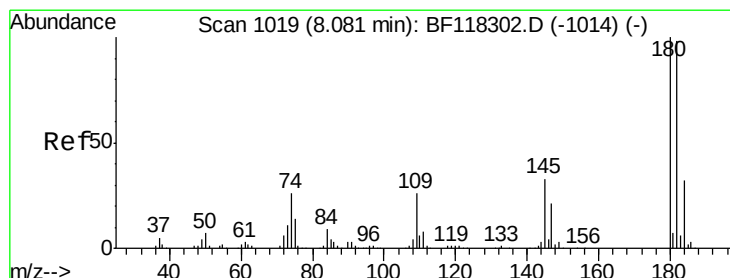
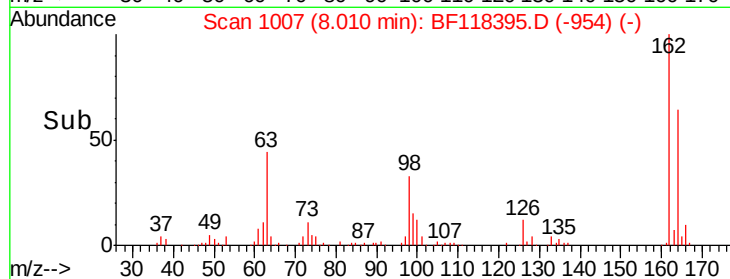
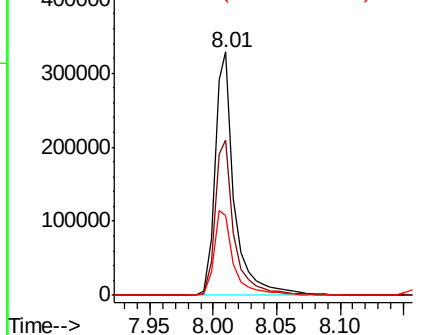


Abundance

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: 40.689 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

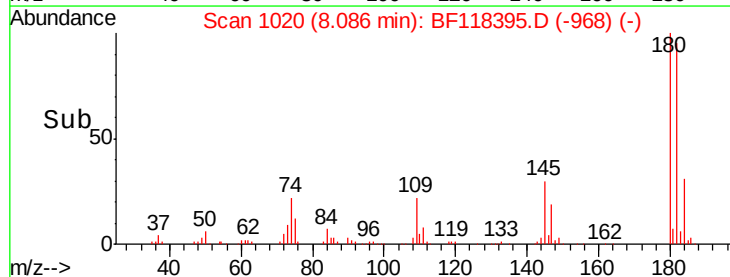
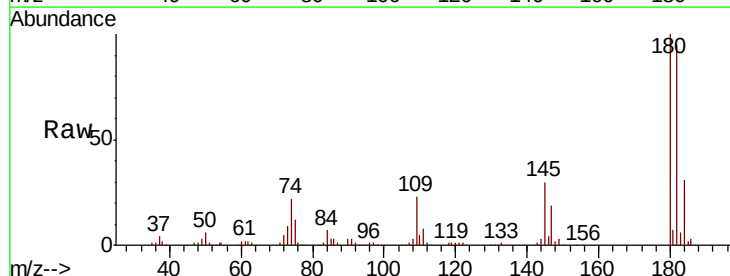
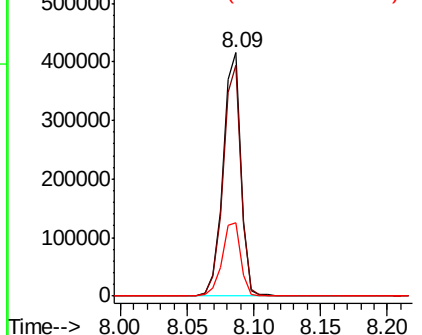
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	78.3	117.5
145	30.1	26.7	40.1

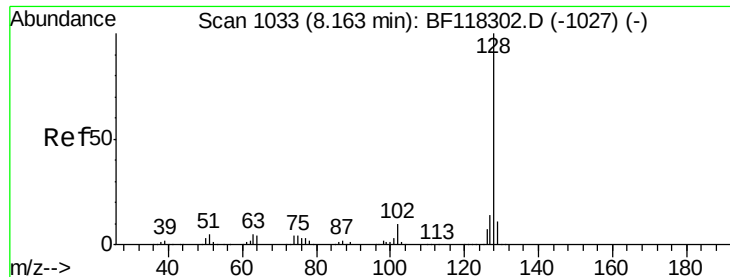
Abundance

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: 41.647 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

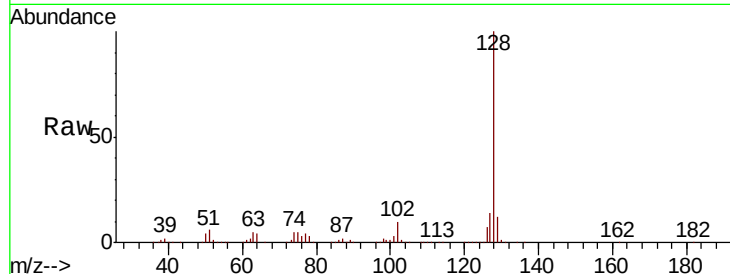
ClientSampleId :

SB-04MSD

Tot Ion:	128	Resp:	1210821
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.5	11.0	16.4

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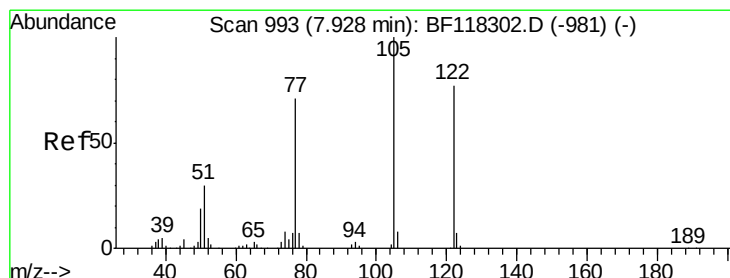
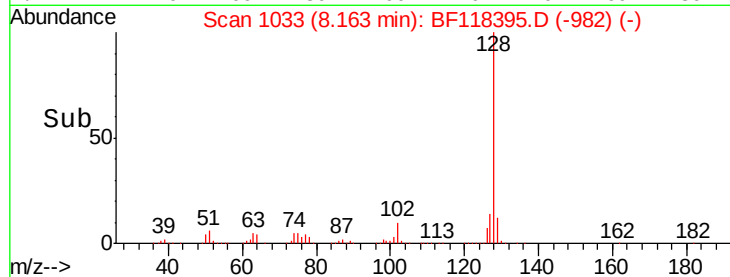
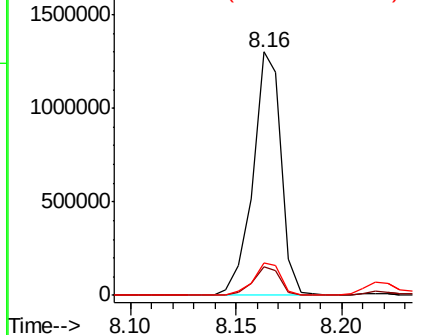


Abundance

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: 33.028 ng

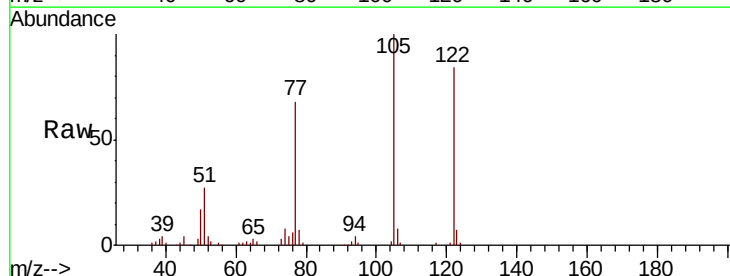
RT: 7.95 min Scan# 996

Delta R.T. 0.02 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Tgt Ion:	122	Resp:	189649
Ion	Ratio	Lower	Upper
122	100		
105	119.7	106.8	146.8
77	81.2	70.4	110.4

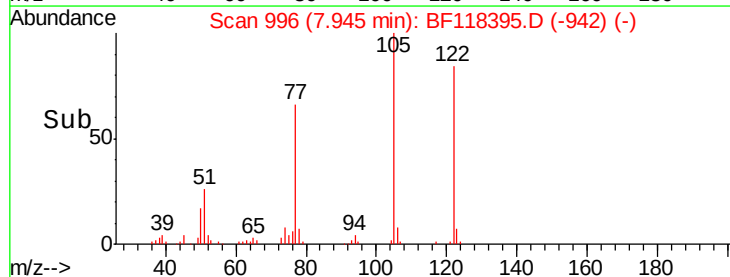
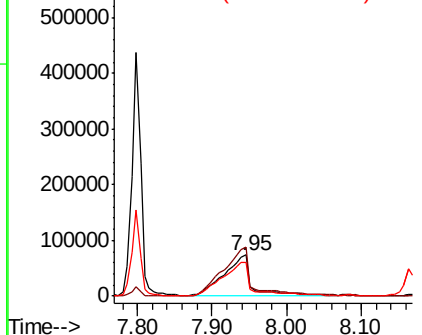


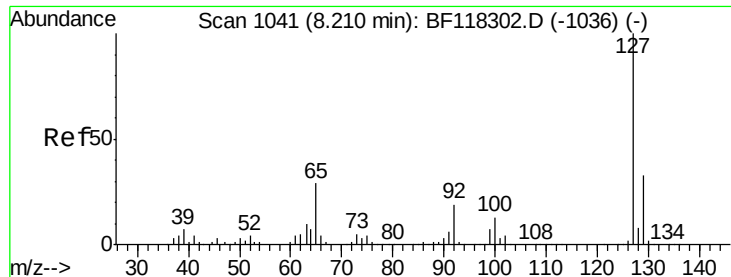
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





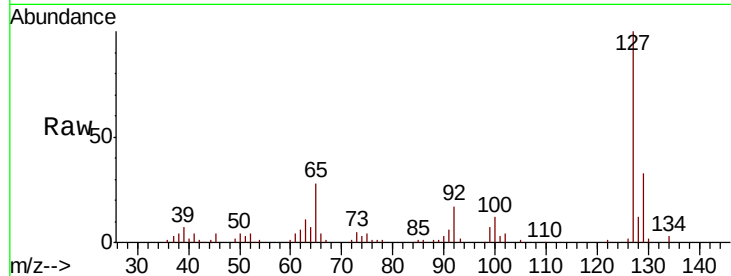
#33
4-Chloroaniline
Concen: 8.661 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		107951		
129	32.6	26.5	39.7		
65	27.8	22.8	34.2		
92	17.1	15.5	23.3		

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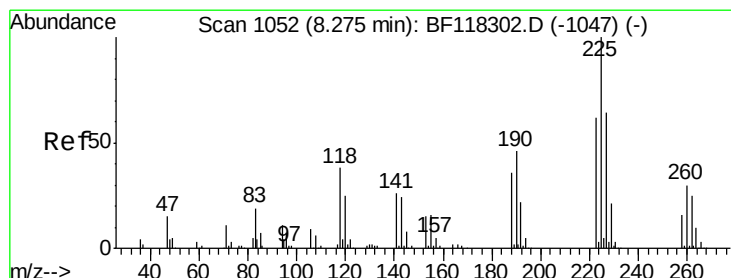
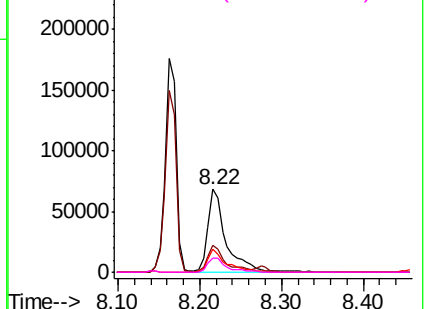
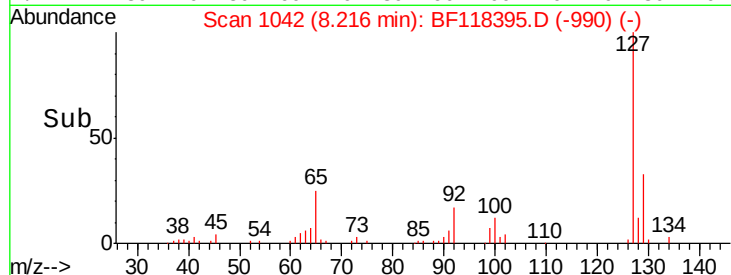
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

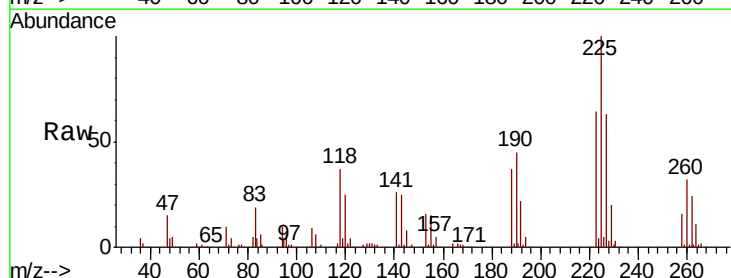
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.961 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		230911		
223	63.6	49.5	74.3		
227	63.3	51.0	76.4		

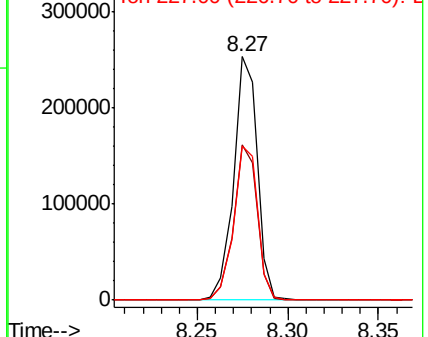
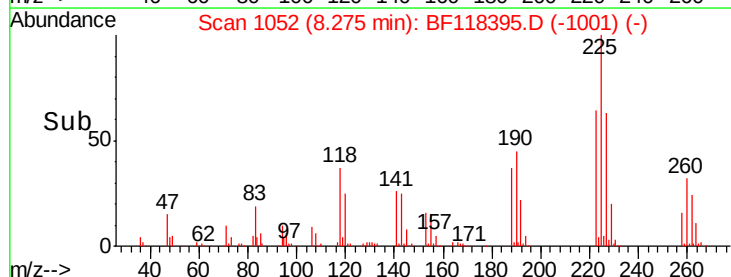


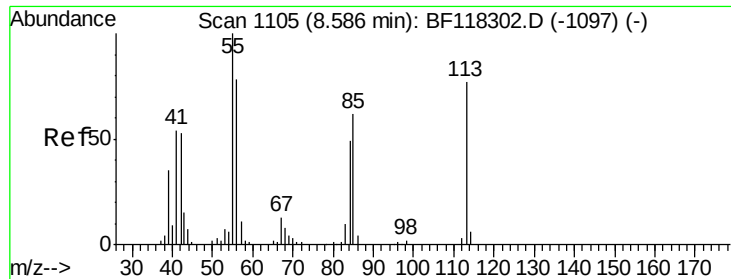
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





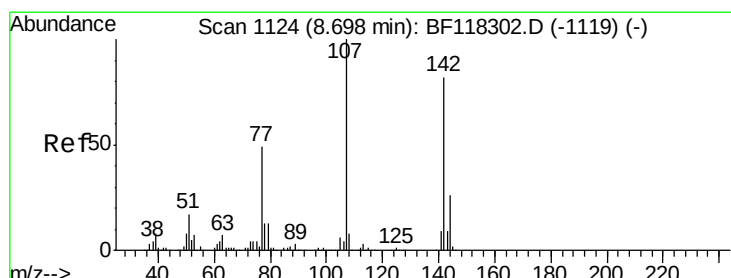
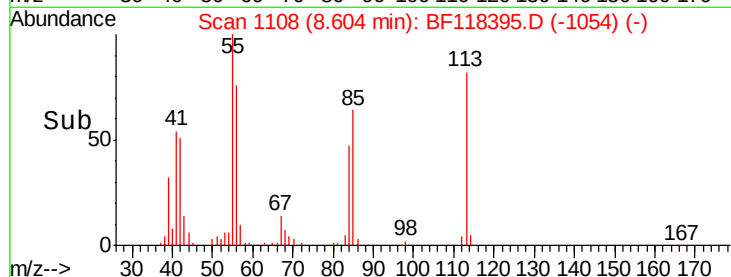
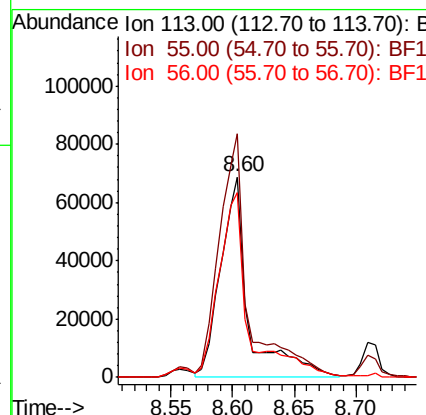
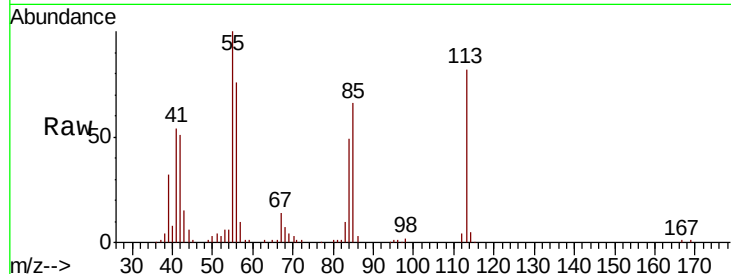
#35
Caprolactam
Concen: 42.159 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	121.5	109.8	149.8
56	92.2	81.7	121.7

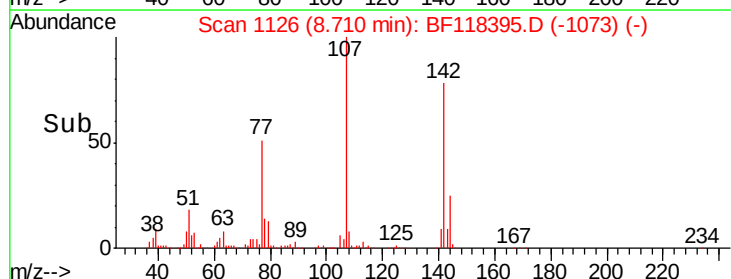
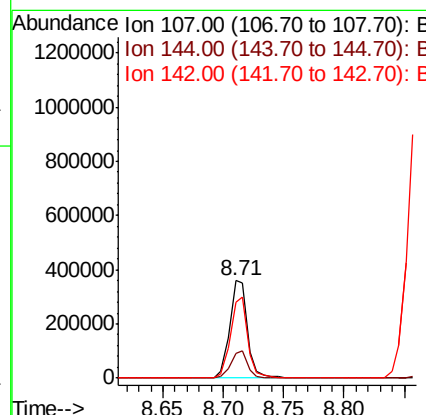
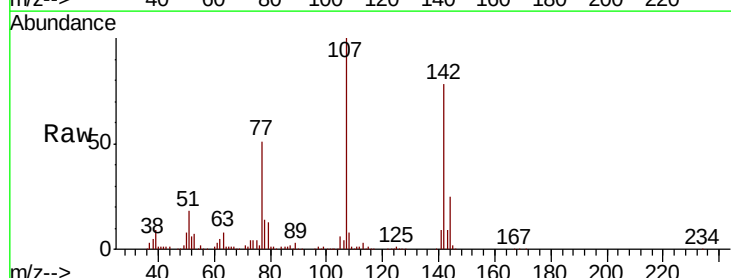
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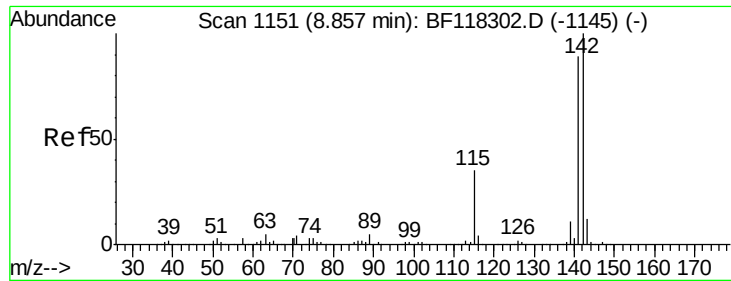
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#36
4-Chloro-3-methylphenol
Concen: 40.965 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.2	31.8
142	77.6	65.4	98.2





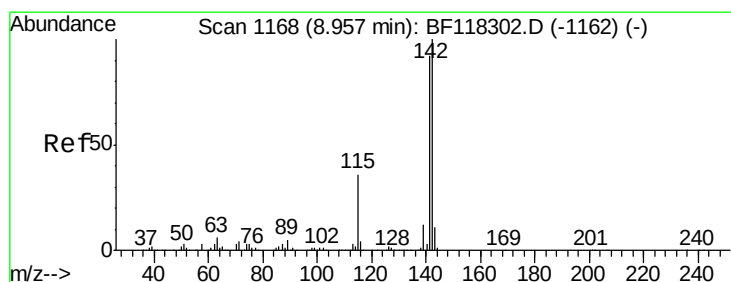
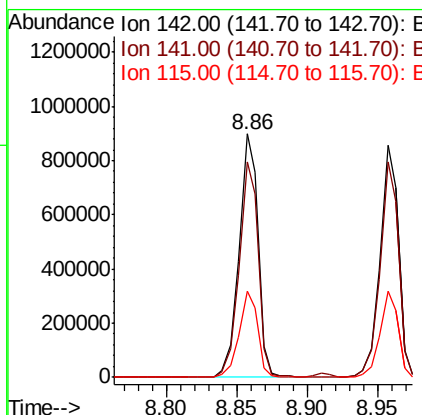
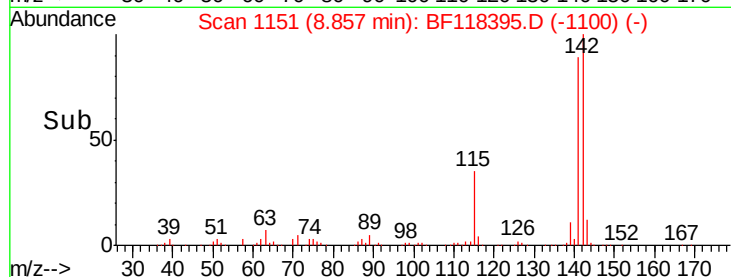
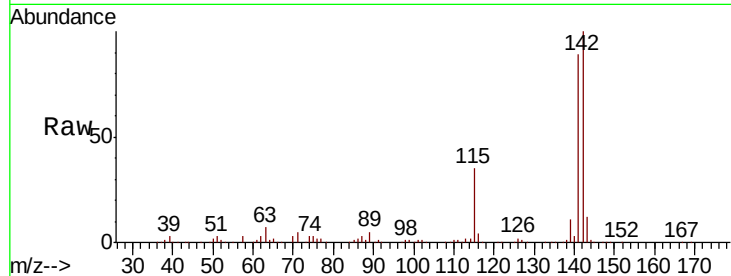
#37
2-Methylnaphthalene
Concen: 42.272 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8
115	35.2	28.0	42.0

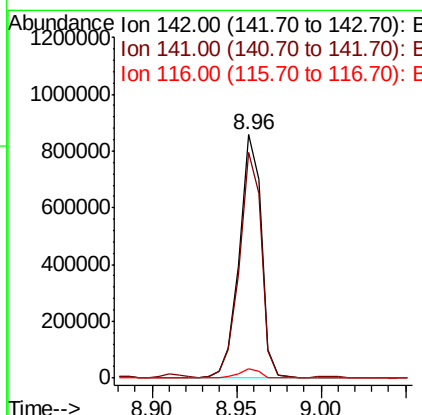
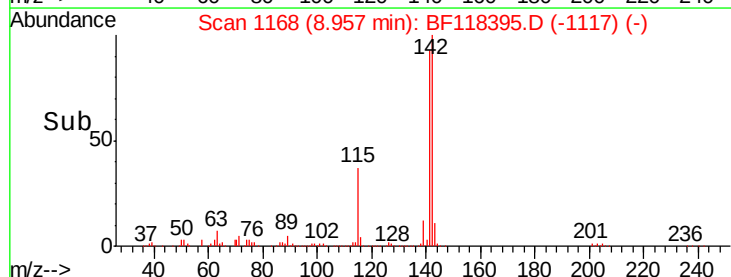
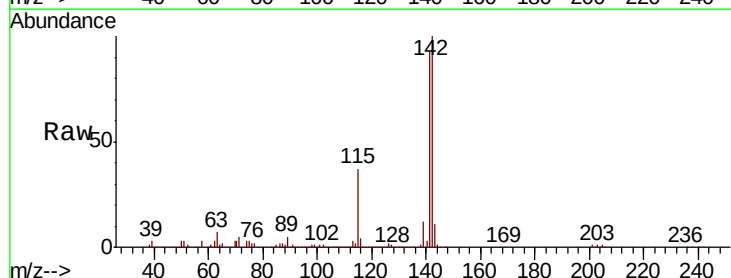
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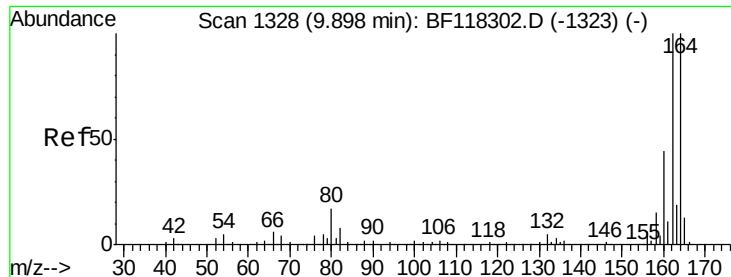
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#38
1-Methylnaphthalene
Concen: 41.294 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.4	110.2
116	3.8	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

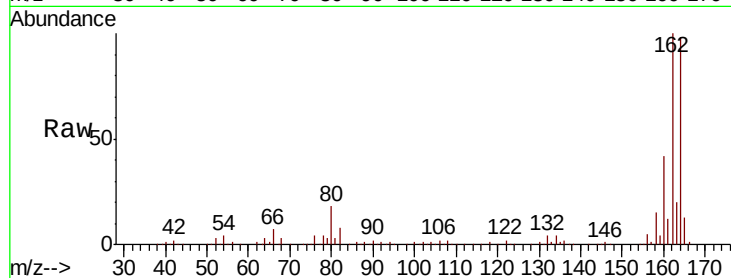
ClientSampleId :

SB-04MSD

Tot Ion:	164	Resp:	291232
Ion Ratio	Lower	Upper	
164	100		
162	101.8	80.0	120.0
160	42.8	34.8	52.2

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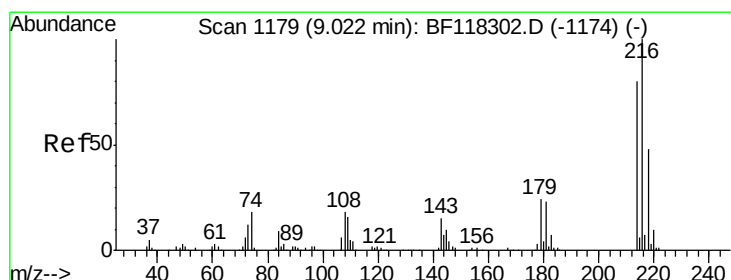
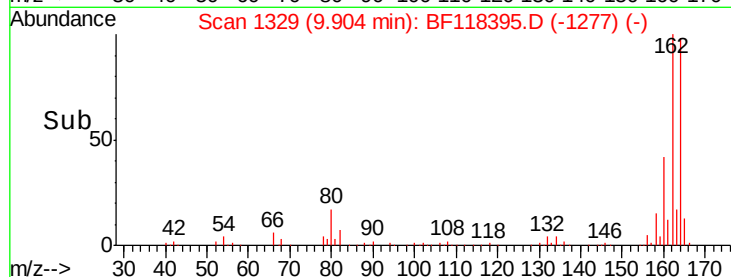
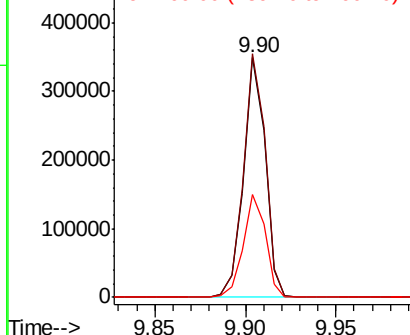


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.490 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Tgt Ion:	216	Resp:	363047
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.3	94.9
179	23.2	18.9	28.3
108	17.9	15.0	22.6

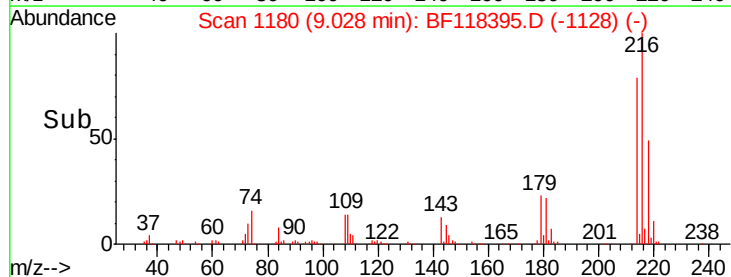
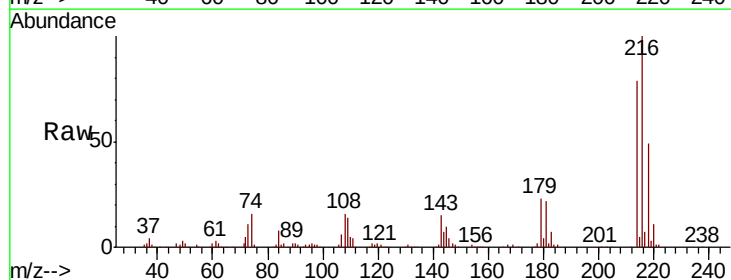
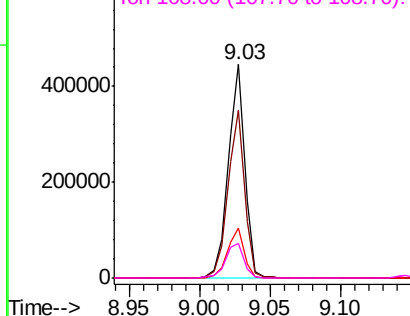
Abundance

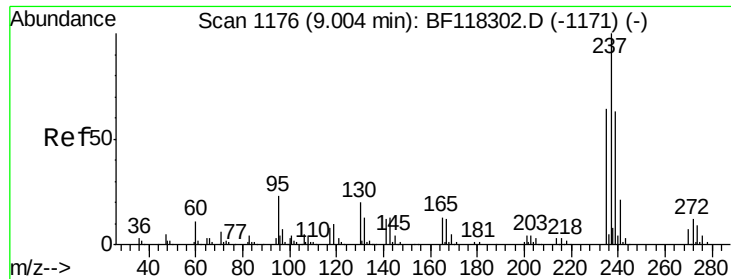
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 19.782 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

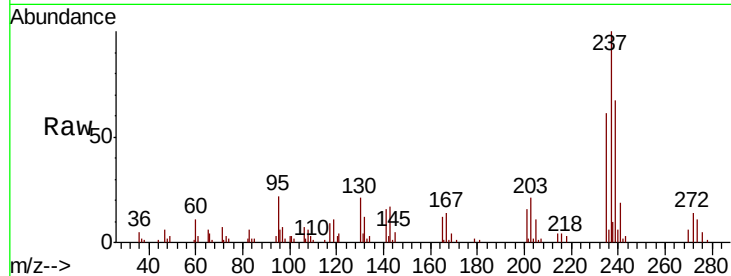
ClientSampleId :

SB-04MSD

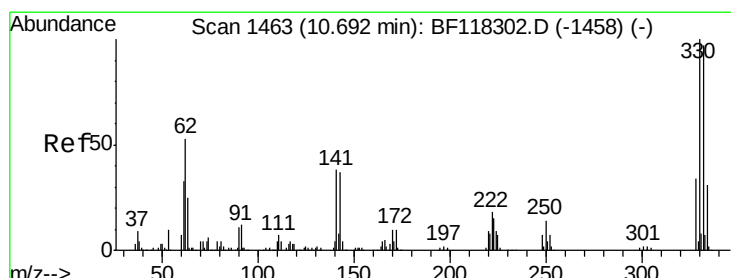
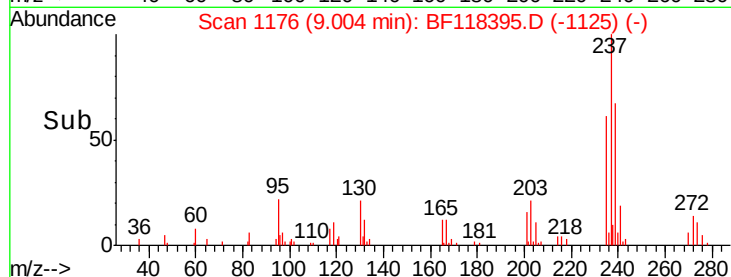
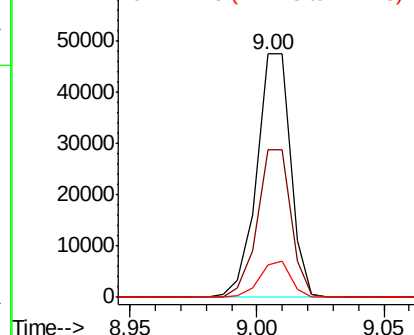
Tot Ion:	237	Resp:	44625
Ion Ratio	Lower	Upper	
237	100		
235	60.7	43.8	83.8
272	13.5	0.0	31.7

Manual Integrations
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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: 92.119 ng

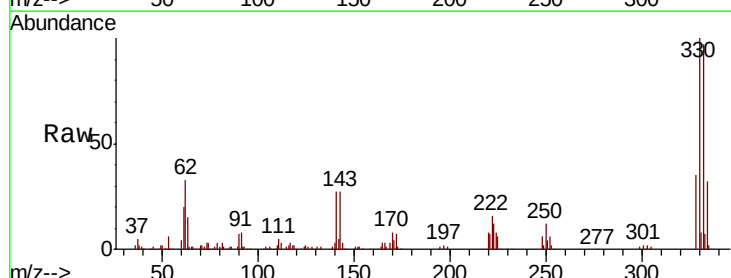
RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

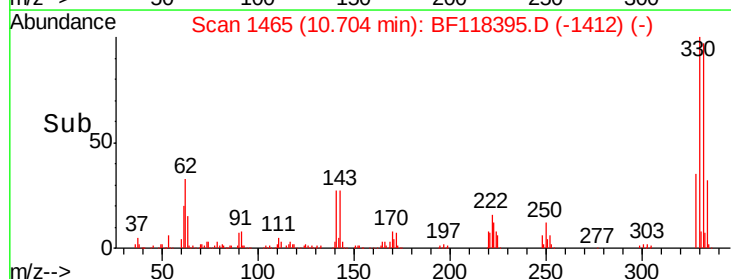
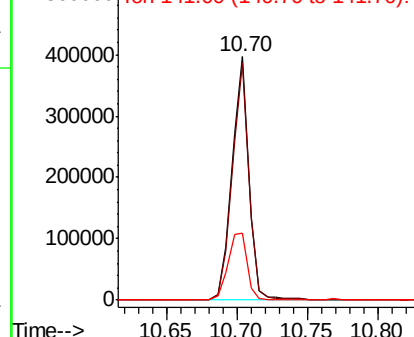
Lab File: BF118395.D

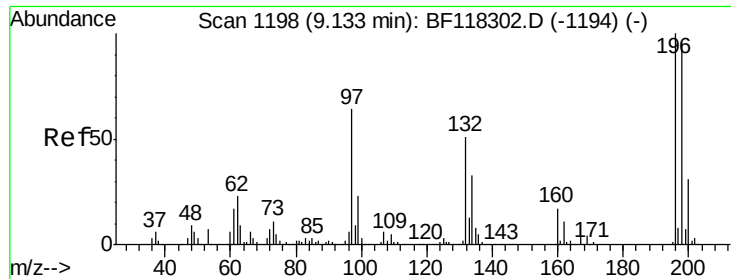
Acq: 30 Dec 2019 21:52

Tgt Ion:	330	Resp:	331308
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.6	114.8
141	31.6	26.0	39.0



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





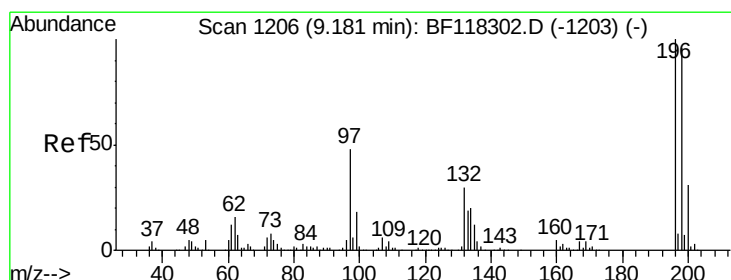
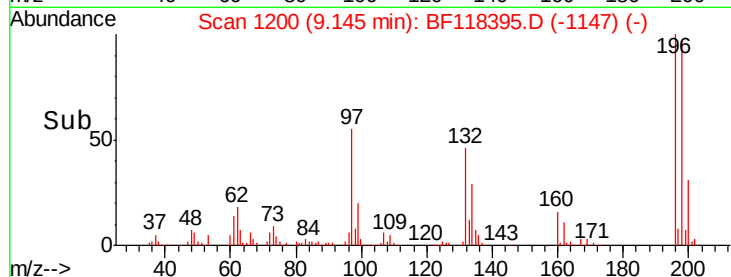
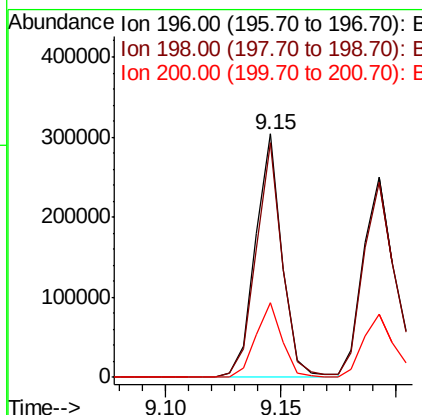
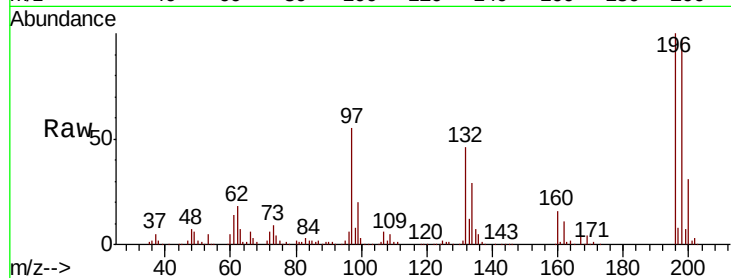
#43
 2,4,6-Trichlorophenol
 Concen: 42.045 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

Tot Ion:	196	Resp:	245788
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.7	115.1
200	30.8	24.8	37.2

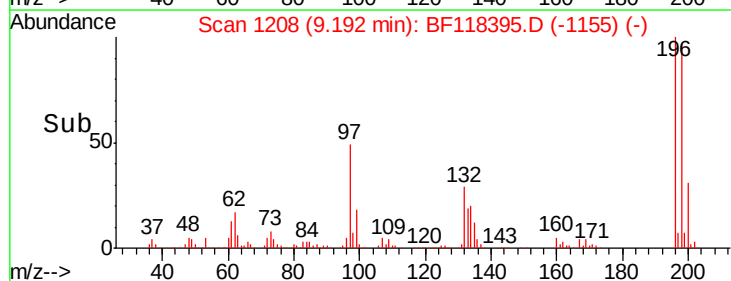
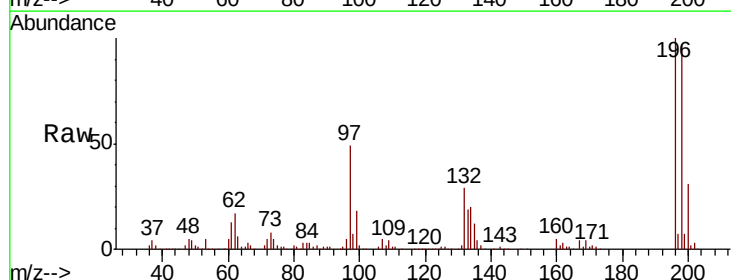
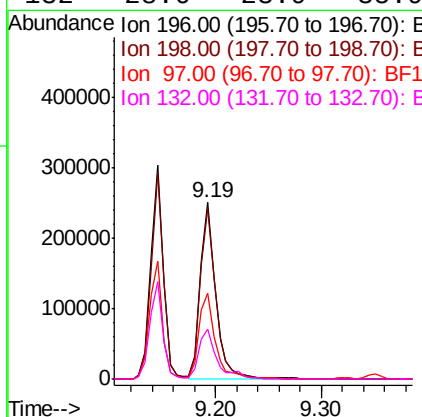
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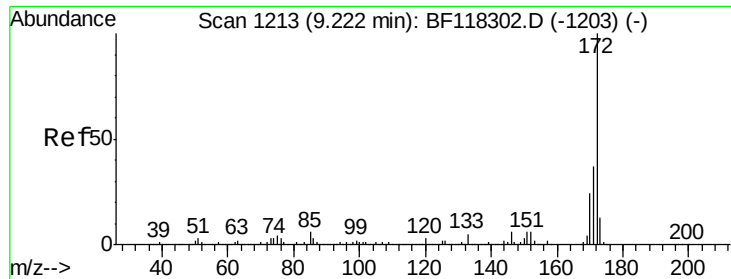
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#44
 2,4,5-Trichlorophenol
 Concen: 42.168 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Tgt Ion:	196	Resp:	253584
Ion Ratio	Lower	Upper	
196	100		
198	97.0	77.0	115.4
97	49.0	38.9	58.3
132	28.6	23.9	35.9





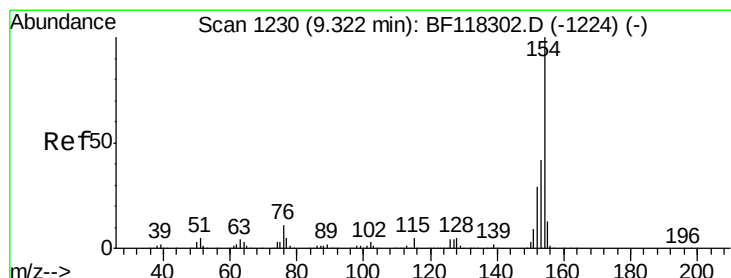
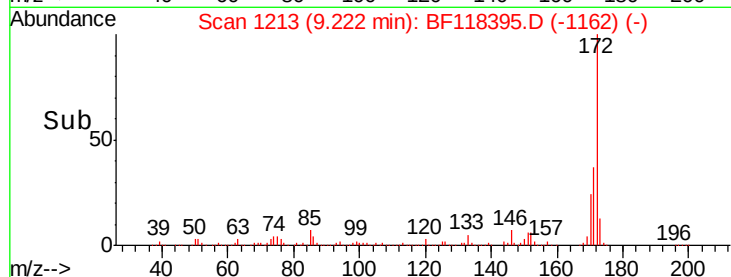
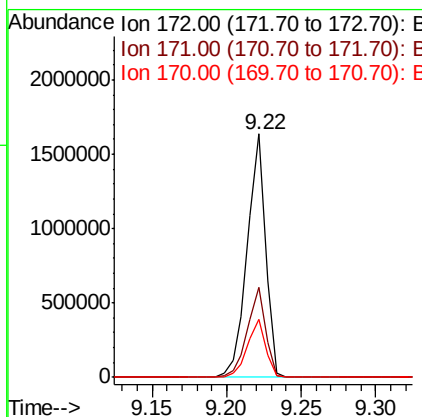
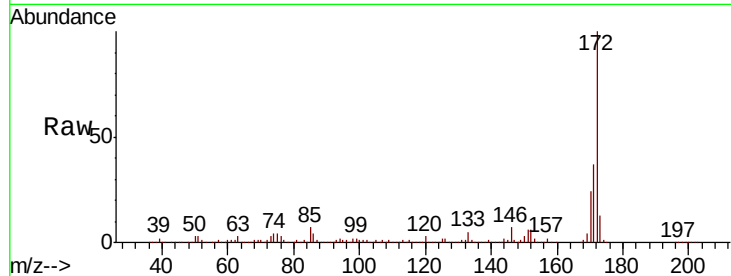
#45
2-Fluorobiphenyl
Concen: 73.382 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.3	43.9
170	24.0	19.2	28.8

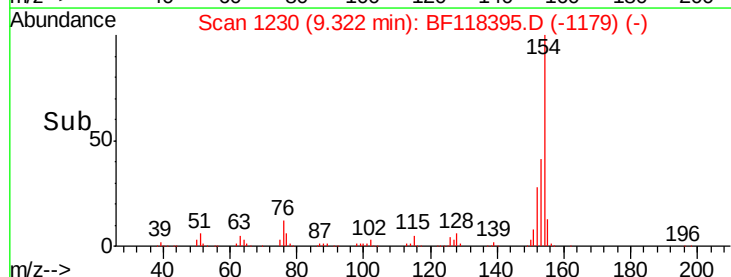
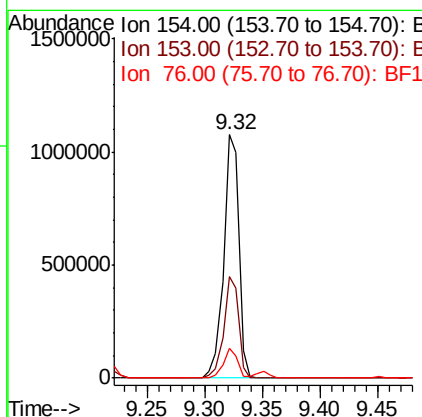
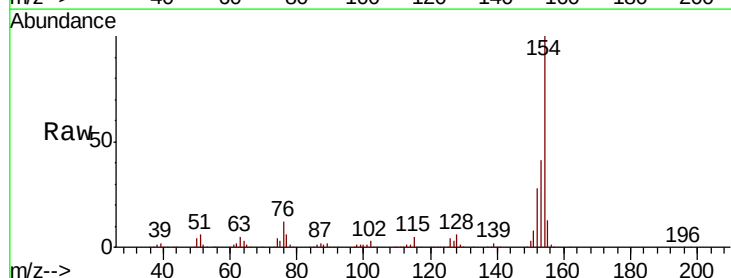
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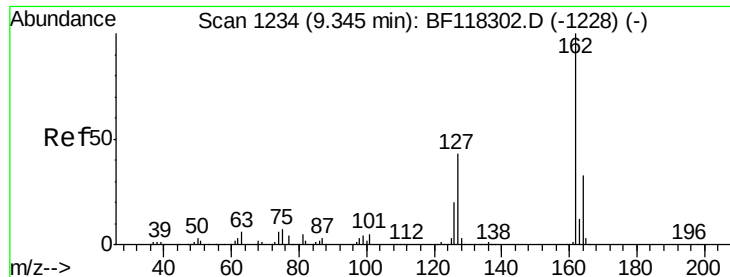
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#46
1,1'-Biphenyl
Concen: 42.606 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.8	61.8
76	12.5	0.0	30.9





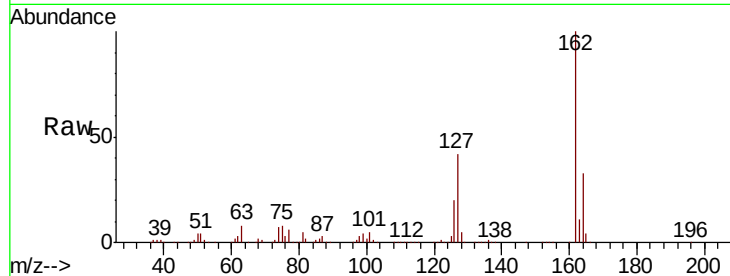
#47
 2-Chloronaphthalene
 Concen: 40.398 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

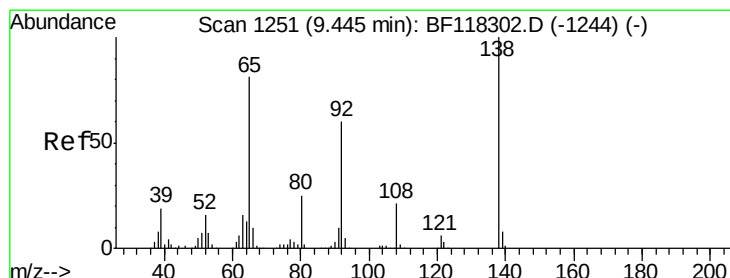
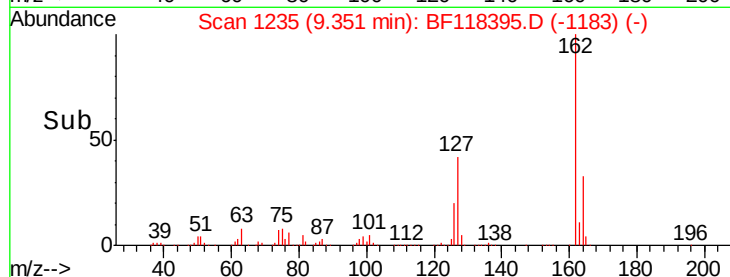
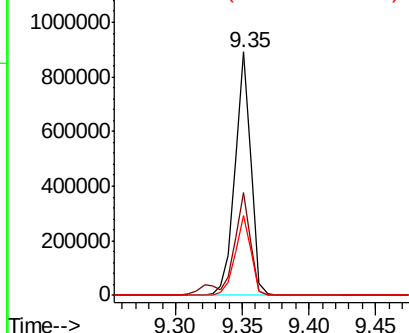
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	42.3	35.0	52.4		
164	33.0	26.6	40.0		

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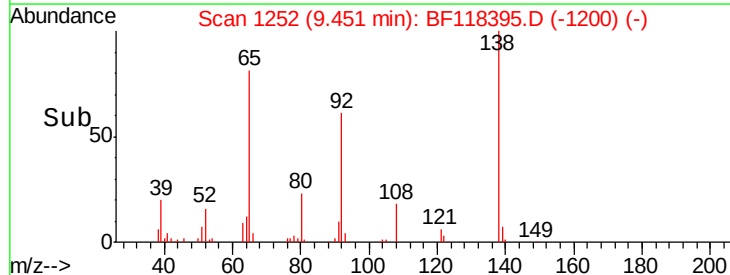
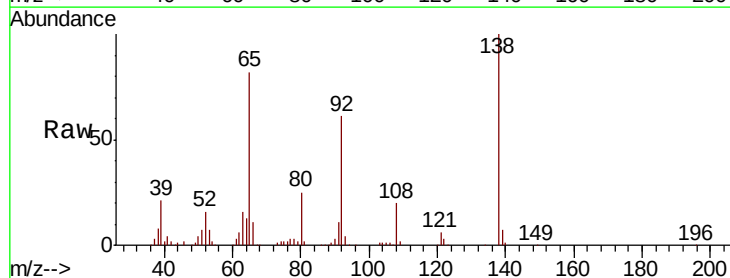
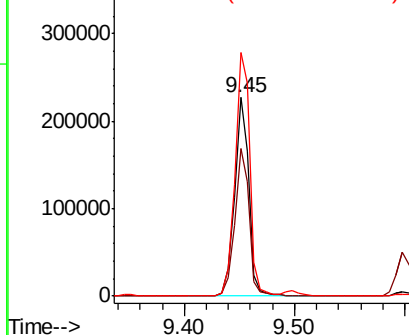
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

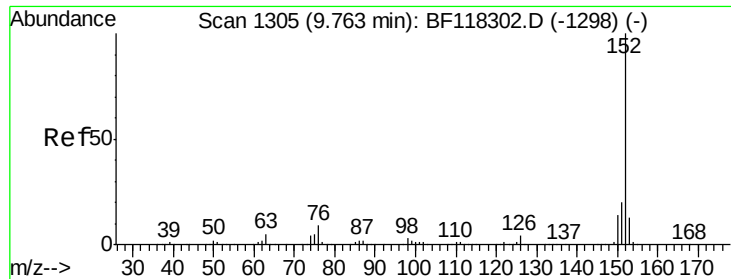


#48
 2-Nitroaniline
 Concen: 39.385 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	74.6	58.7	88.1		
138	122.6	98.5	147.7		

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





#49

Acenaphthylene

Concen: 41.945 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

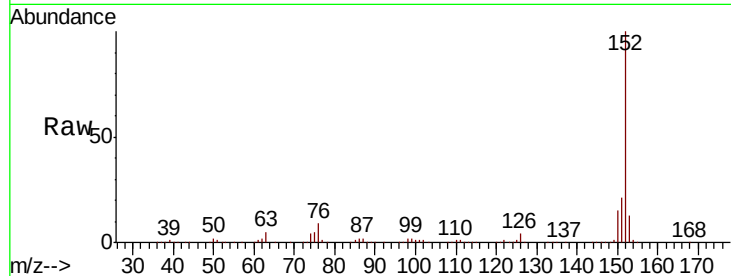
ClientSampleId :

SB-04MSD

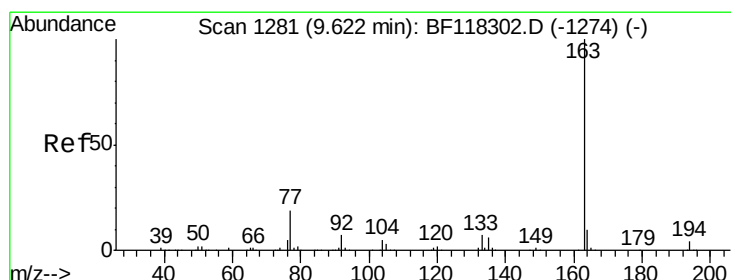
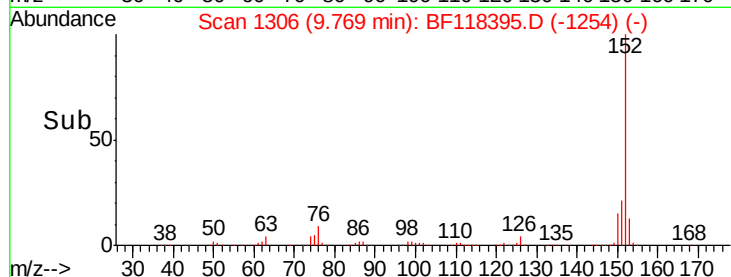
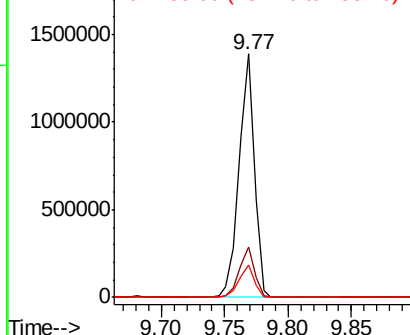
Tot Ion:	152	Resp:	1153314
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.4	10.5	15.7

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



#50

Dimethylphthalate

Concen: 45.889 ng

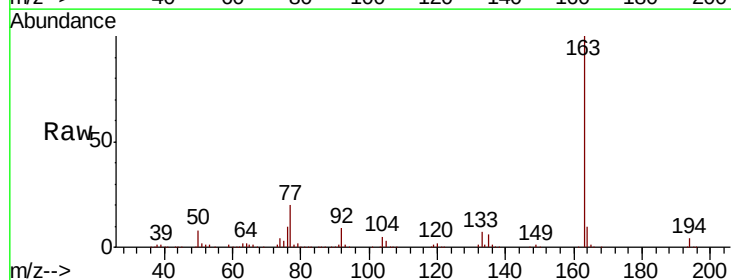
RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

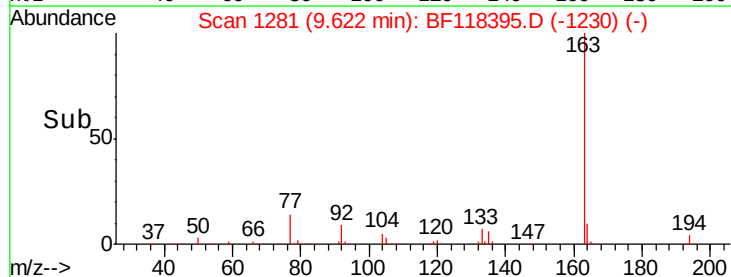
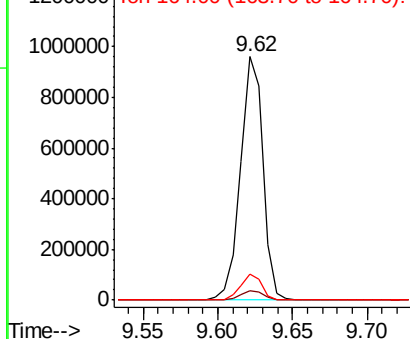
Lab File: BF118395.D

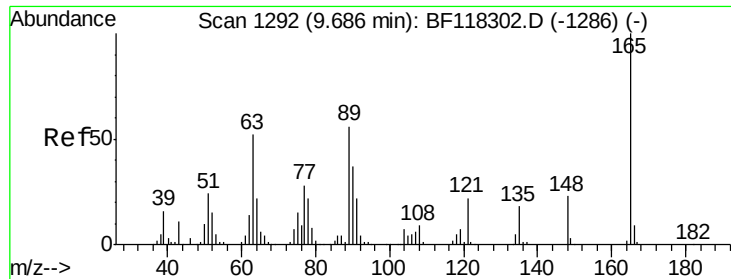
Acq: 30 Dec 2019 21:52

Tgt Ion:	163	Resp:	1003180
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.5	7.9	11.9



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: 41.802 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

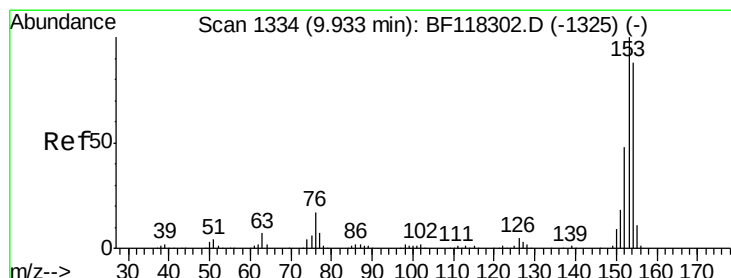
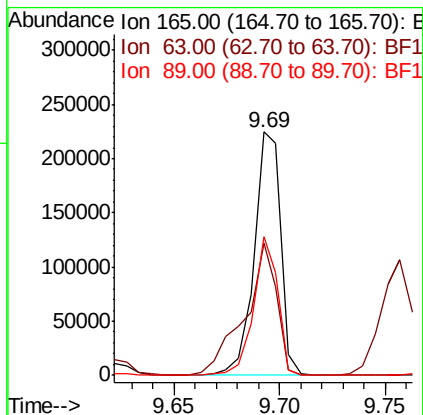
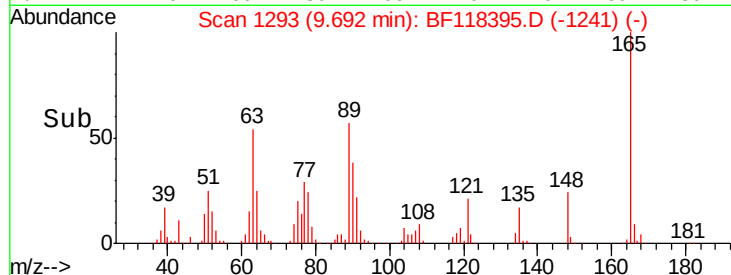
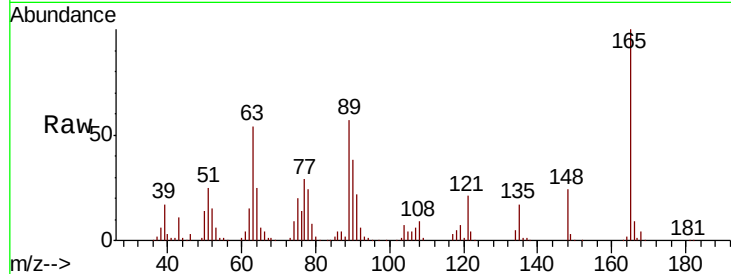
ClientSampled :

SB-04MSD

Tot Ion:	165	Resp:	197017
Ion Ratio	Lower	Upper	
165	100		
63	54.4	42.2	63.4
89	56.9	44.4	66.6

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#52

Acenaphthene

Concen: 40.114 ng

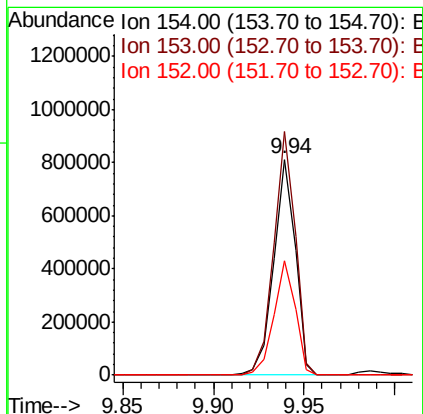
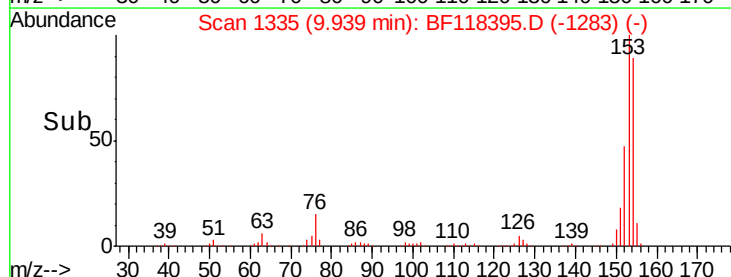
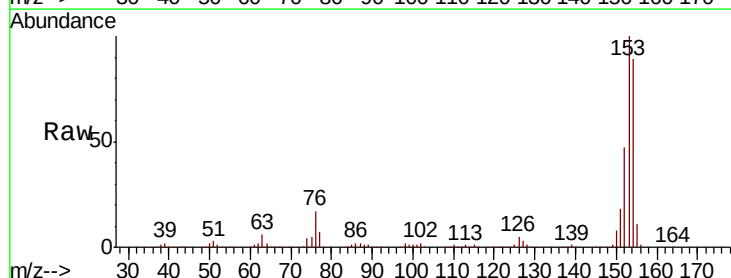
RT: 9.94 min Scan# 1335

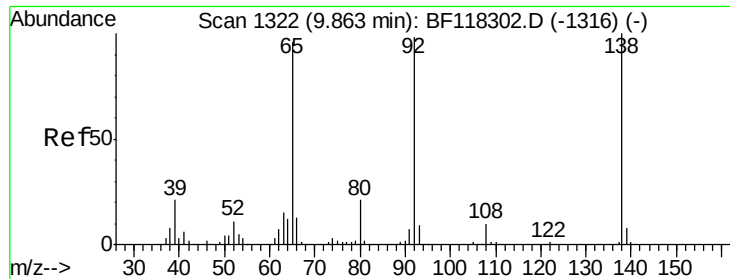
Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Tgt Ion:	154	Resp:	671829
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.6	136.0
152	53.1	43.1	64.7





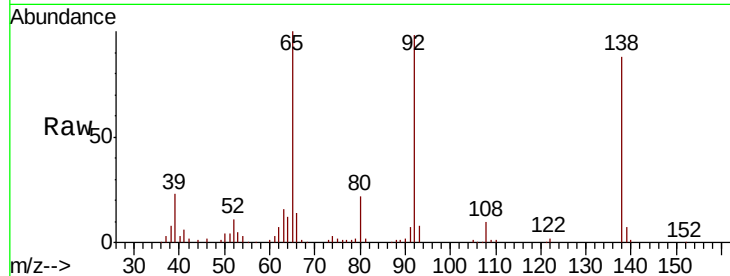
#53
3-Nitroaniline
Concen: 17.847 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.8	11.8
92	111.4	78.2	117.2

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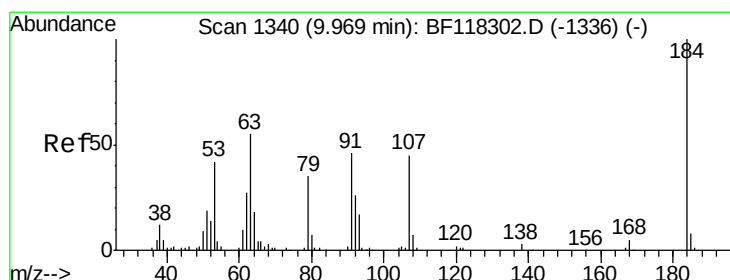
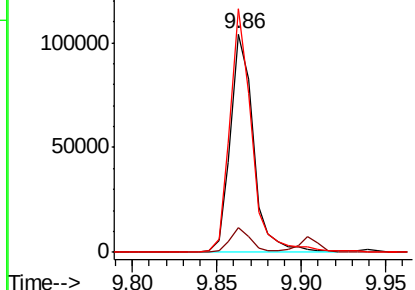
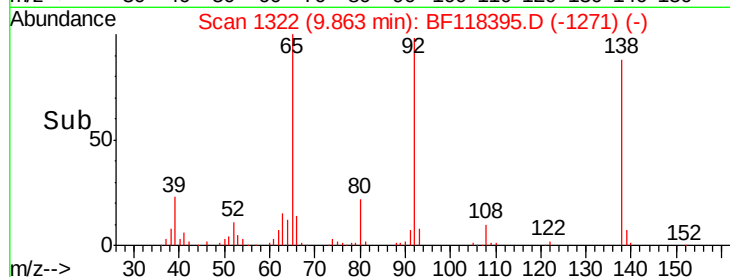


Abundance

Ion 138.00 (137.70 to 138.70): E

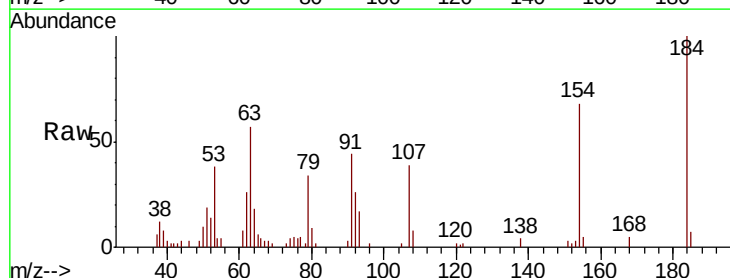
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 15.903 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.2	48.8	73.2
154	68.1	55.0	82.4

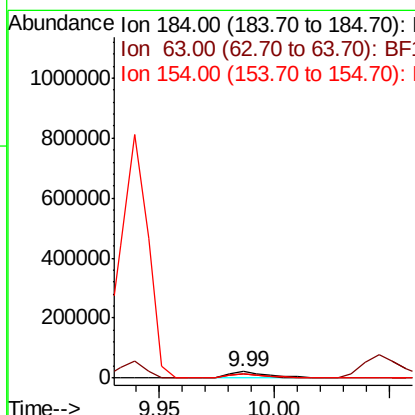
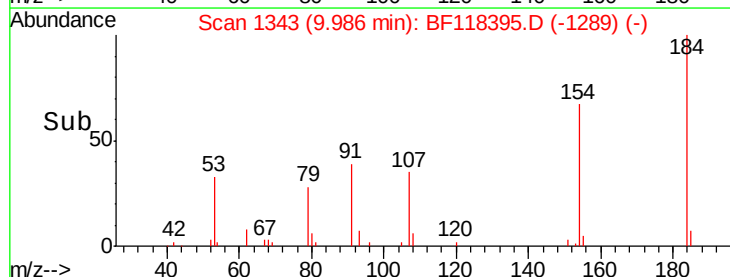


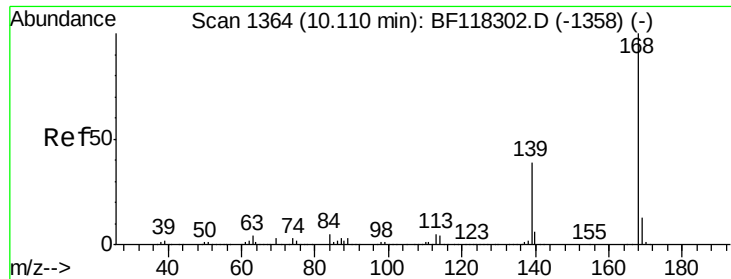
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





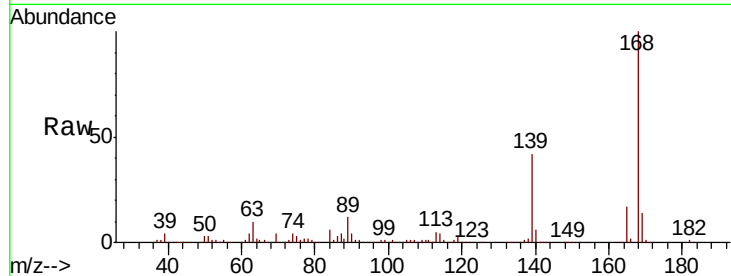
#55
Dibenzenofuran
Concen: 40.515 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.3	31.5	47.3
169	13.8	10.4	15.6

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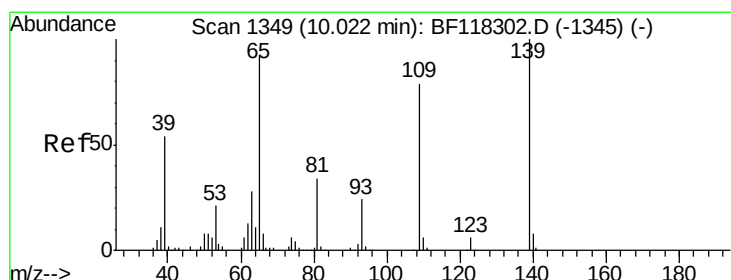
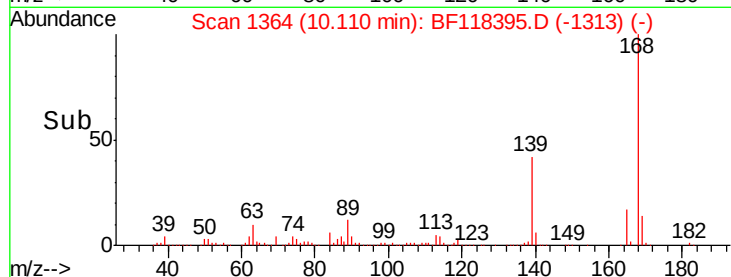
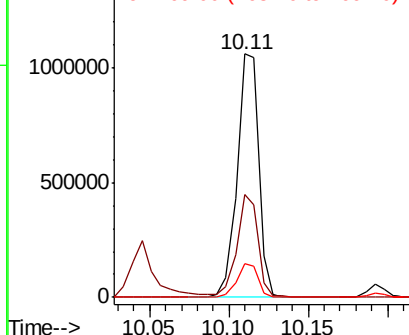


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 74.259 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

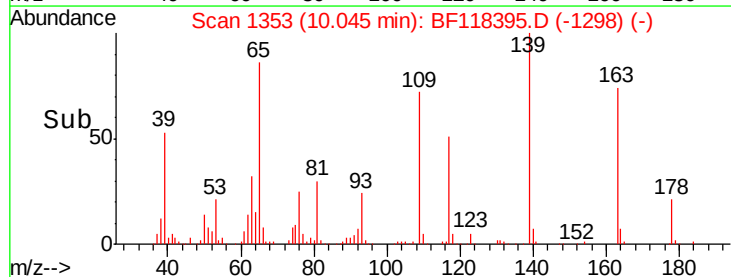
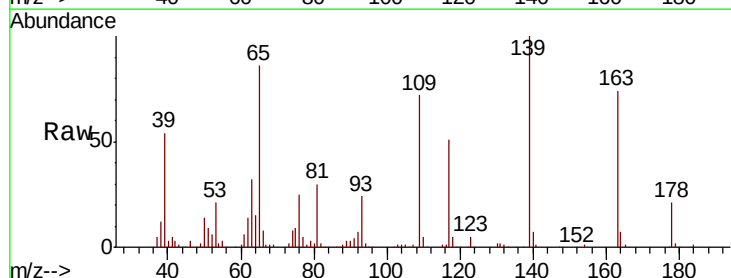
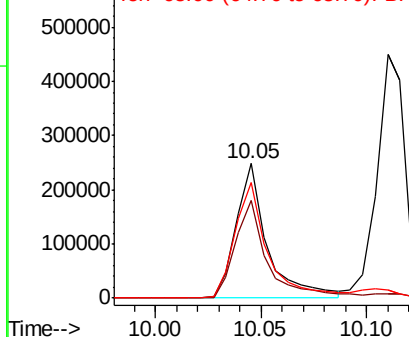
Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.5	59.3	99.3
65	85.7	72.4	112.4

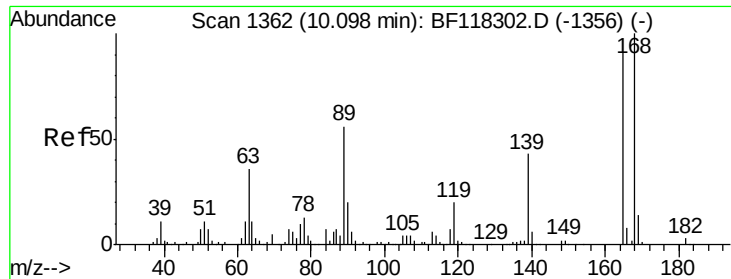
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





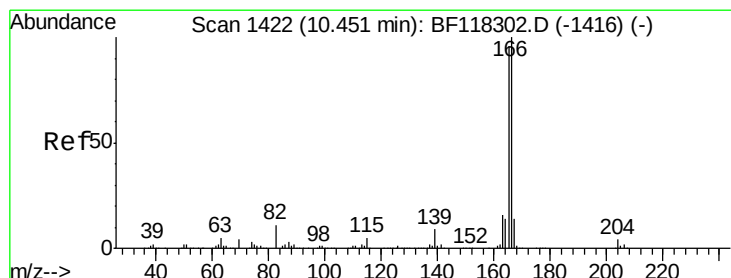
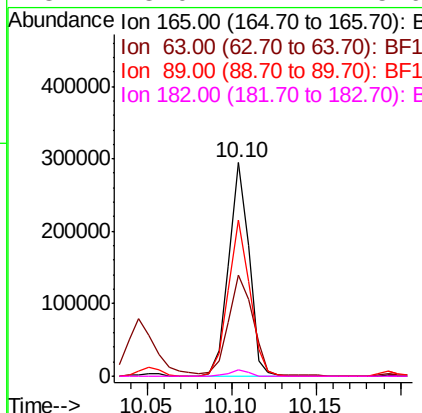
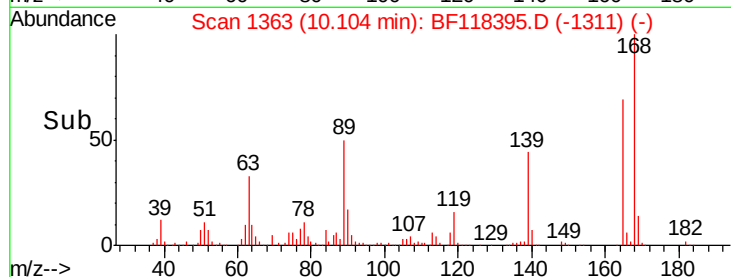
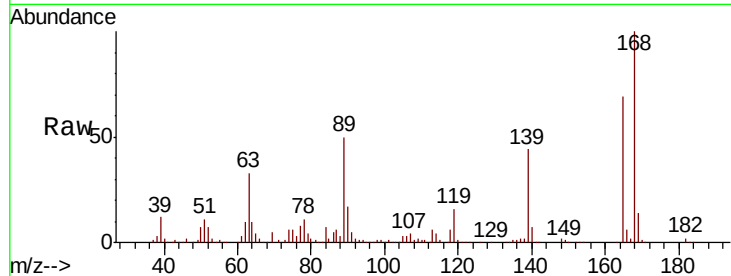
#57
2,4-Dinitrotoluene
Concen: 38.986 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	245520		
63	47.6	32.0	48.0	
89	73.2	49.3	73.9	
182	3.0	2.4	3.6	

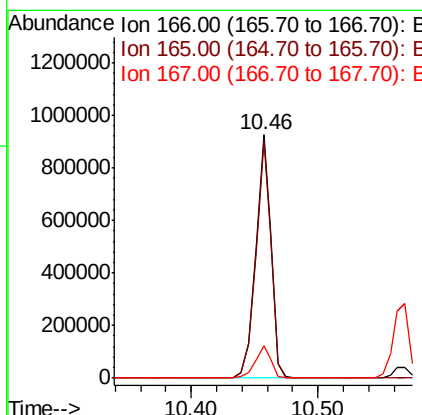
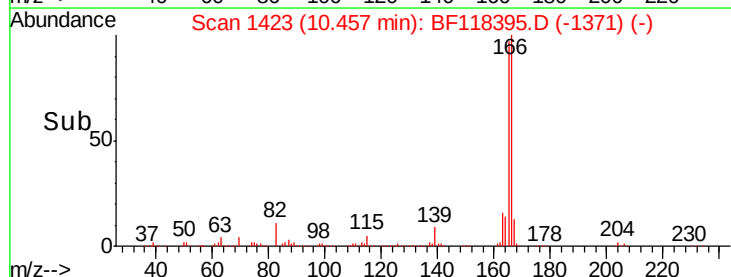
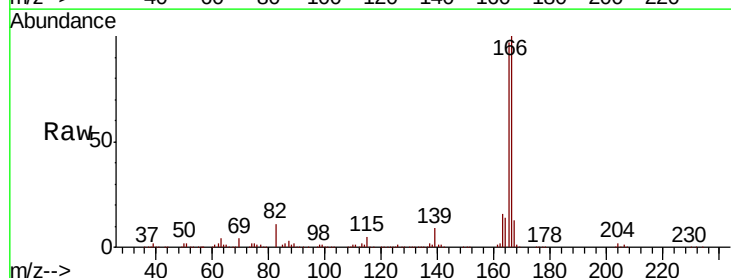
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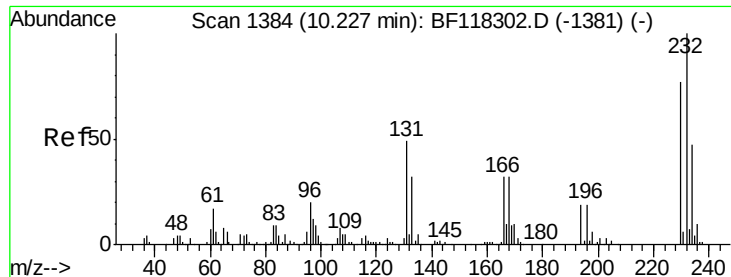
mohammad
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#58
Fluorene
Concen: 39.334 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	785769		
165	97.4	77.0	115.4	
167	13.5	10.9	16.3	





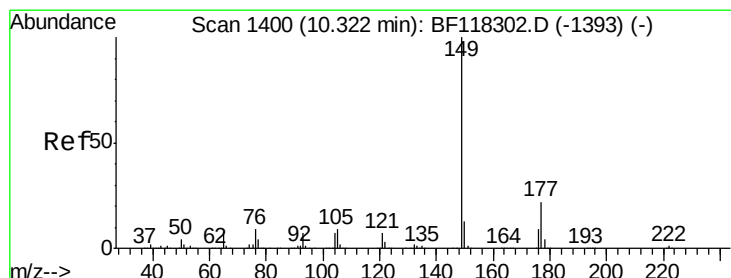
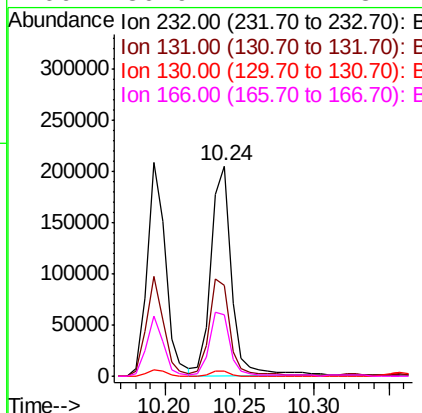
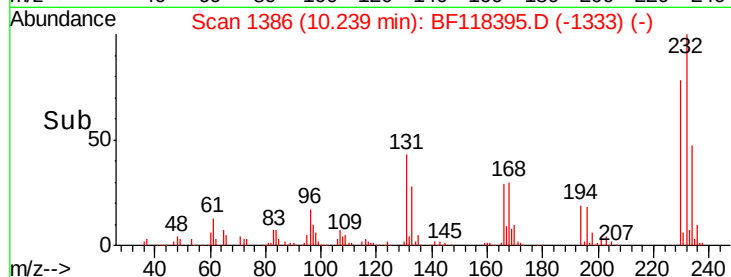
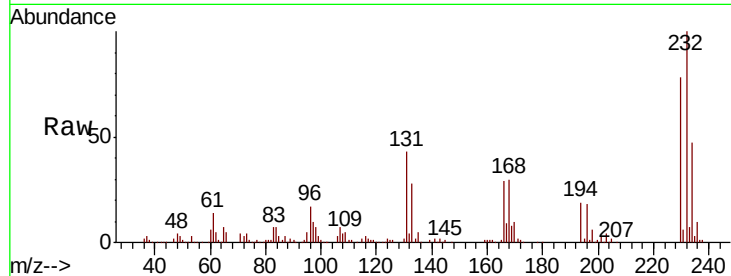
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.048 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion:	232	Resp:	194409
Ion Ratio	Lower	Upper	
232	100		
131	46.0	37.7	56.5
130	2.4	2.0	3.0
166	30.9	24.7	37.1

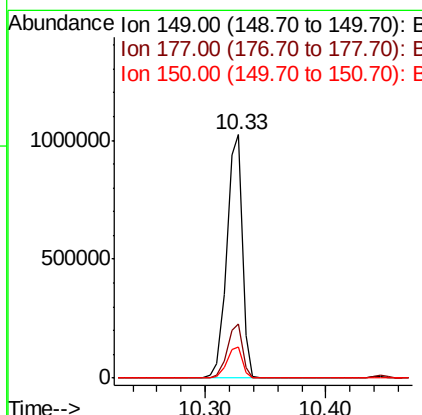
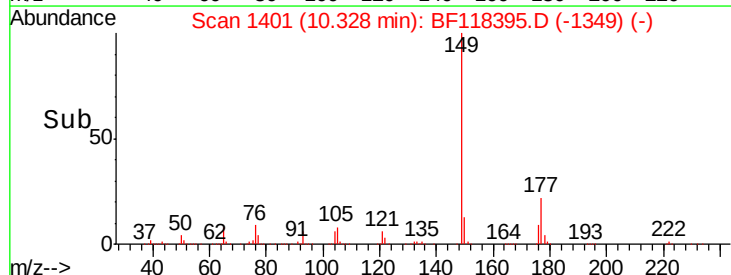
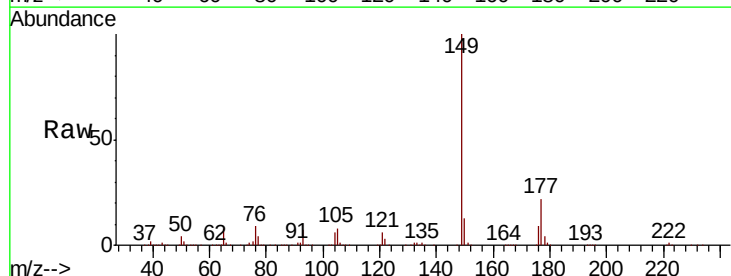
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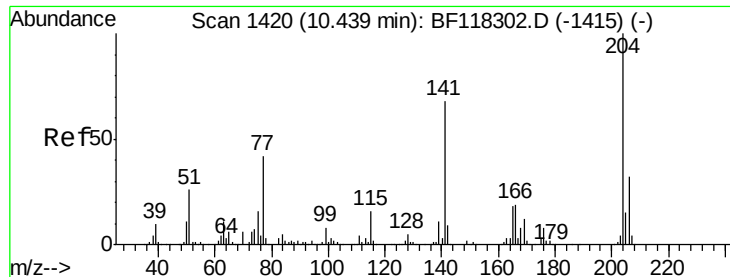
mohammad
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#60
Diethylphthalate
Concen: 42.352 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:	149	Resp:	915945
Ion Ratio	Lower	Upper	
149	100		
177	22.5	17.9	26.9
150	12.5	10.2	15.2





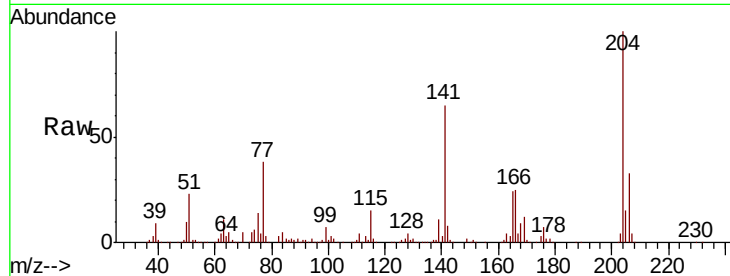
#61
4-Chlorophenyl-phenylether
Concen: 40.999 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.8
141	65.2	54.2	81.4

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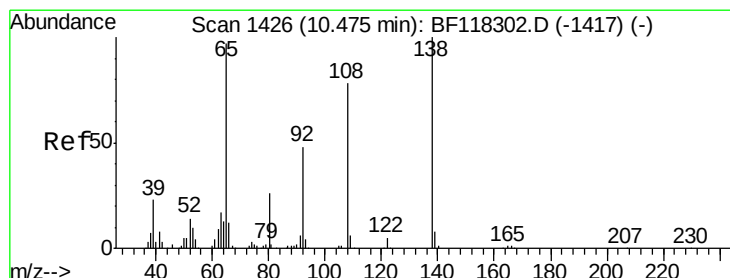
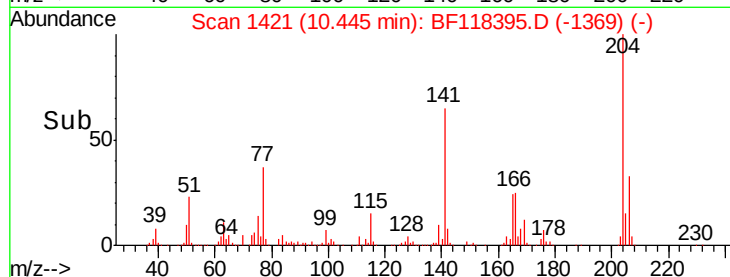
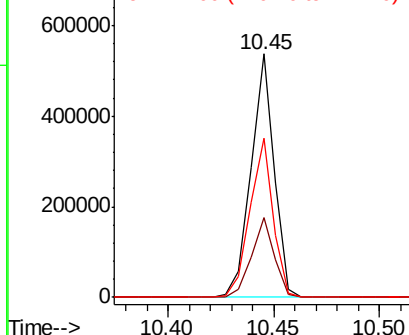


Abundance

Ion 204.00 (203.70 to 204.70): E

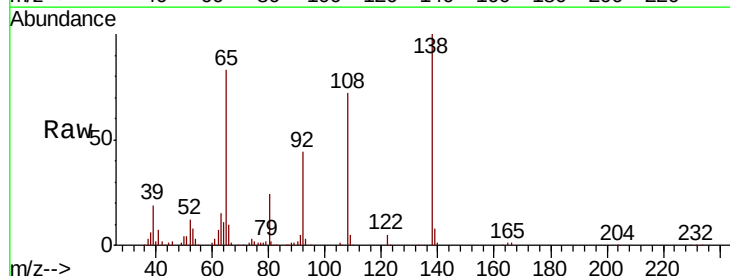
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 28.451 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.7	27.9	67.9
108	72.2	58.1	98.1

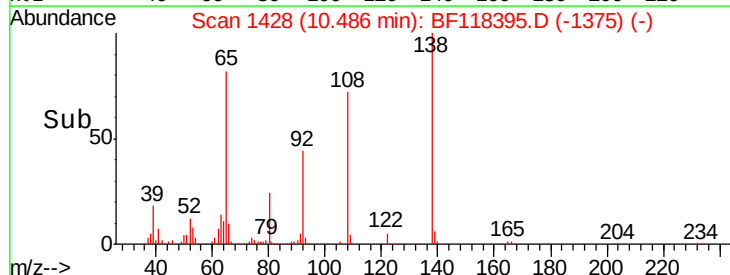
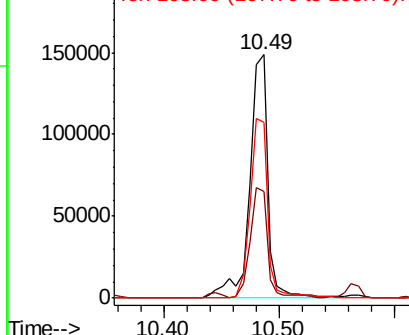


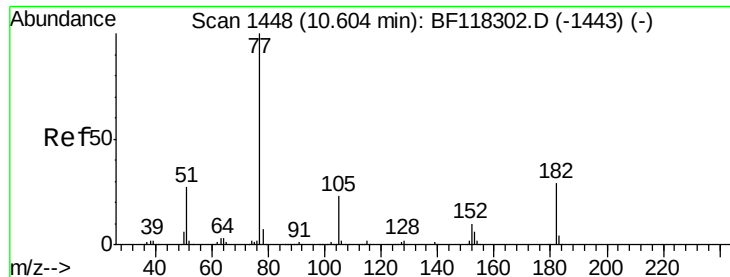
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.946 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

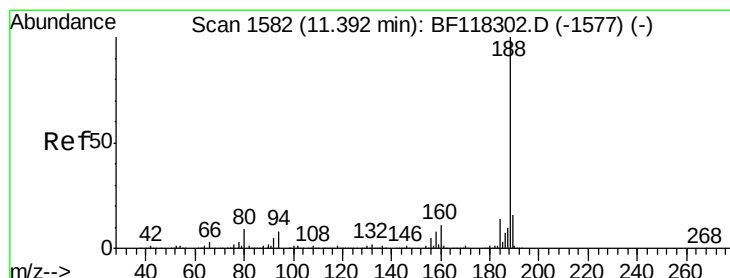
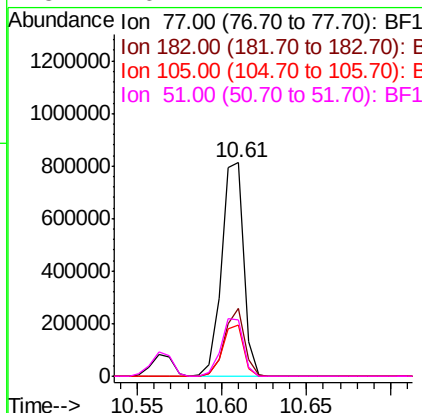
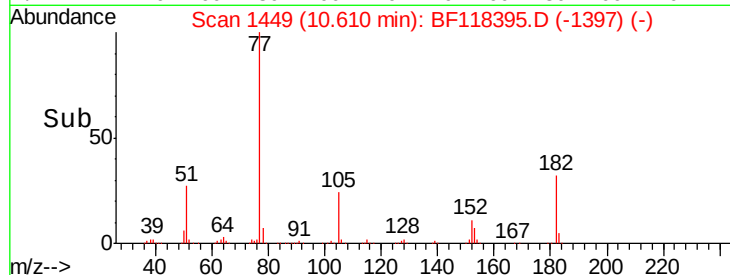
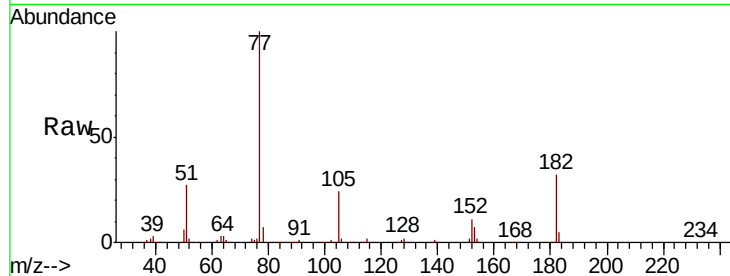
ClientSampleId :

SB-04MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	31.9	9.2	49.2		
105	24.0	3.2	43.2		
51	26.7	7.1	47.1		

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#64

Phenanthrene-d10

Concen: 20.000 ng

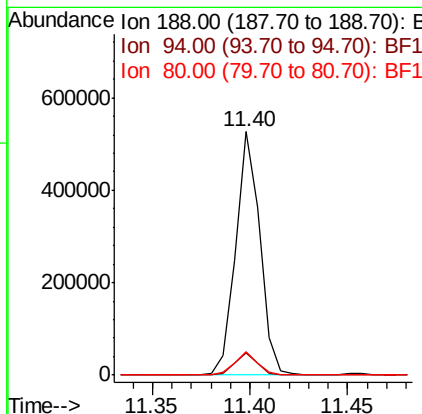
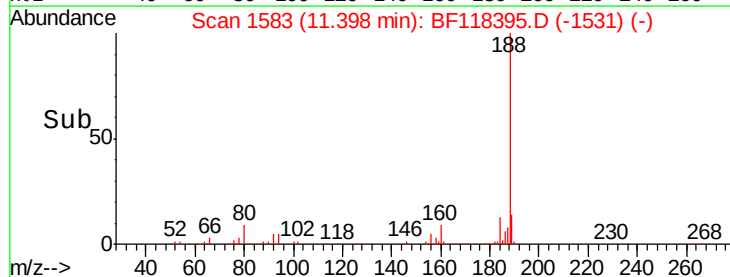
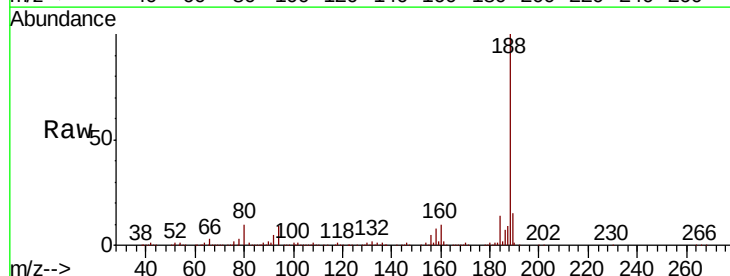
RT: 11.40 min Scan# 1583

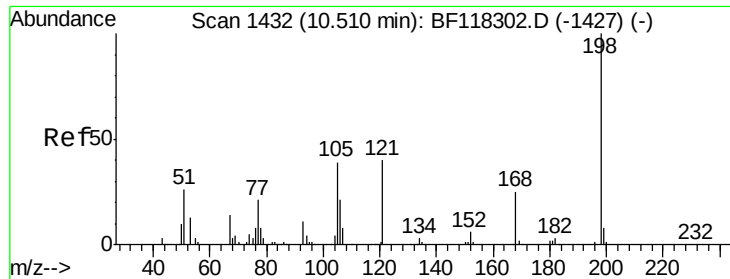
Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.9	6.7	10.1		
80	9.6	7.2	10.8		





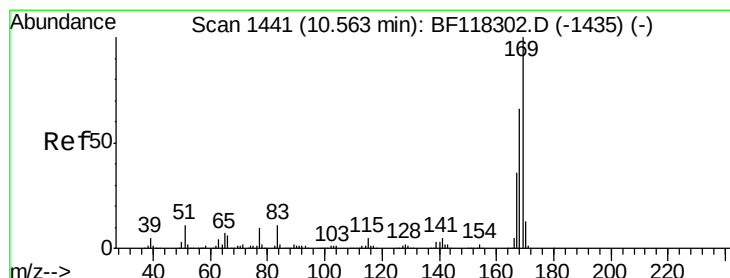
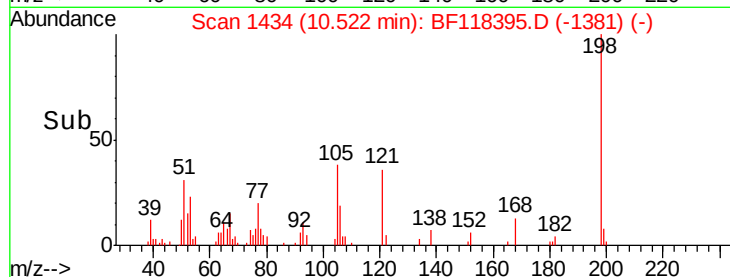
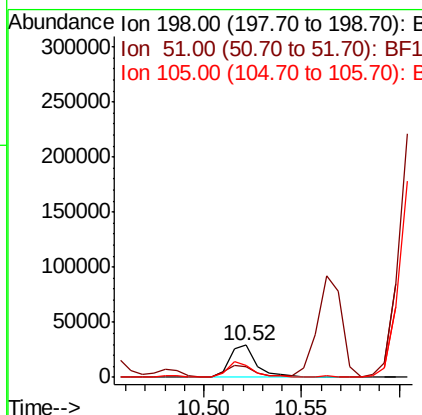
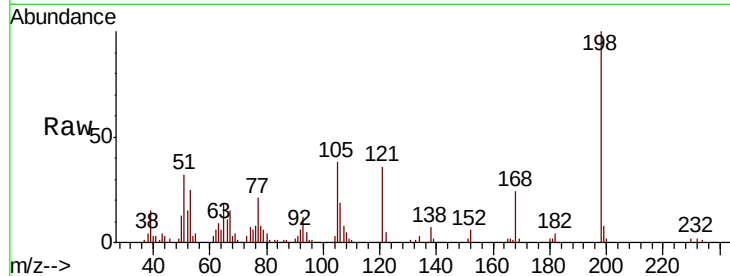
#65
4,6-Dinitro-2-methylphenol
Concen: 11.562 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.4	12.8	52.8
105	37.8	20.3	60.3

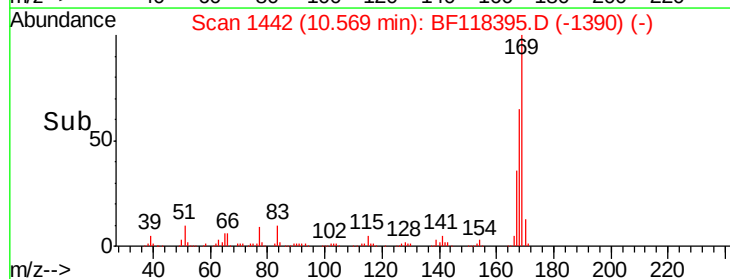
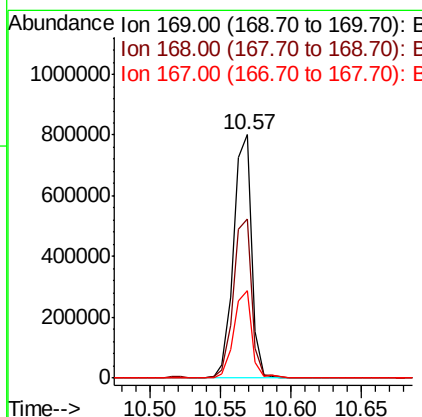
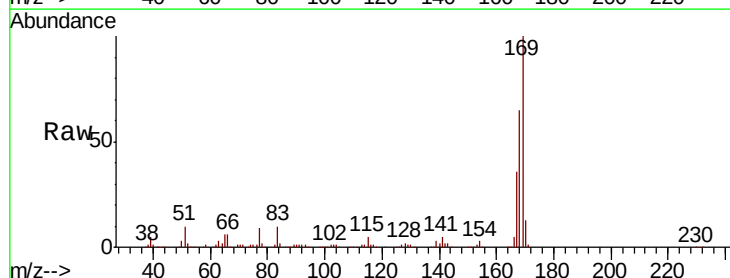
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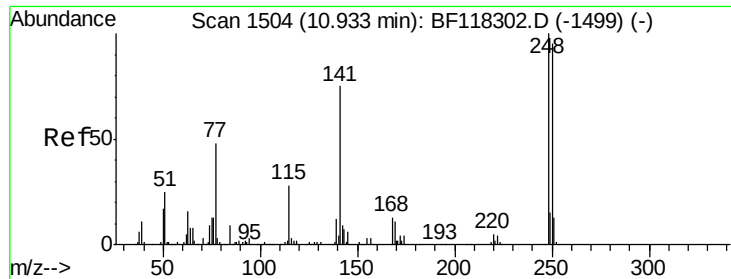
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#66
n-Nitrosodiphenylamine
Concen: 49.146 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.6	79.0
167	35.7	28.4	42.6





#67

4-Bromophenyl-phenylether

Concen: 45.878 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

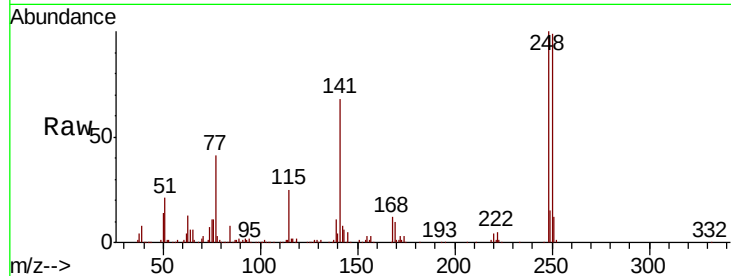
ClientSampleId :

SB-04MSD

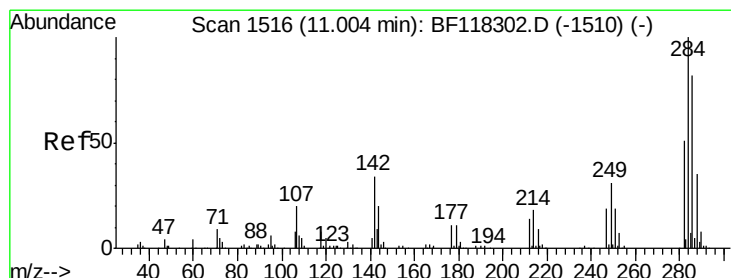
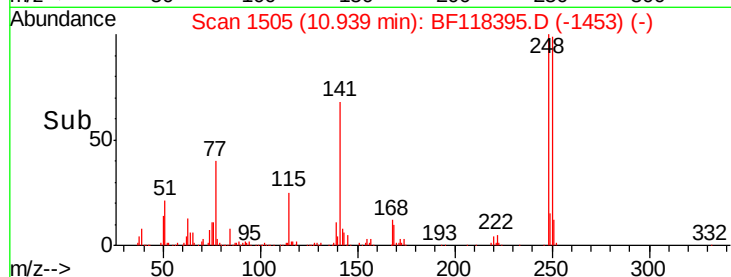
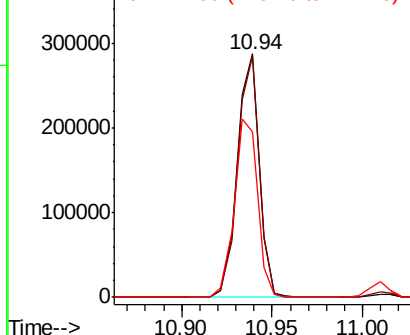
Tot Ion:	248	Resp:	242752
Ion Ratio	Lower	Upper	
248	100		
250	99.2	76.4	114.6
141	67.8	60.2	90.2

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.215 ng

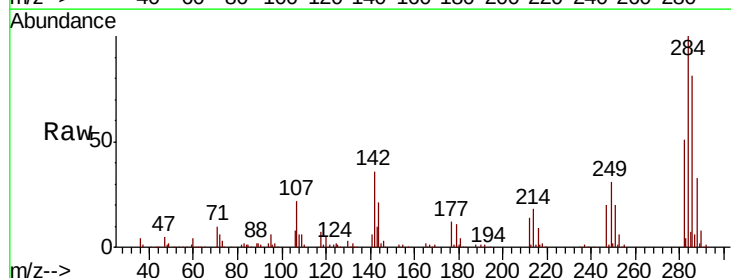
RT: 11.01 min Scan# 1517

Delta R.T. 0.01 min

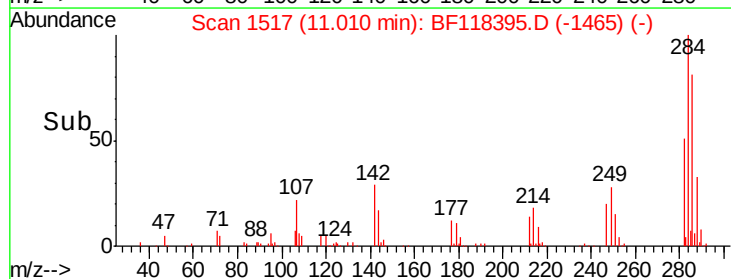
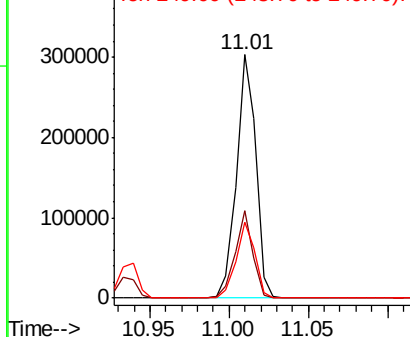
Lab File: BF118395.D

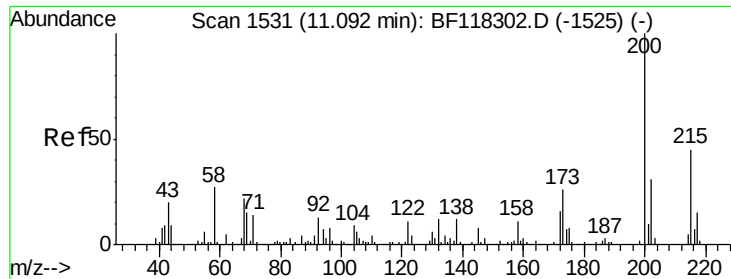
Acq: 30 Dec 2019 21:52

Tgt Ion:	284	Resp:	256700
Ion Ratio	Lower	Upper	
284	100		
142	35.9	27.3	40.9
249	31.1	25.0	37.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





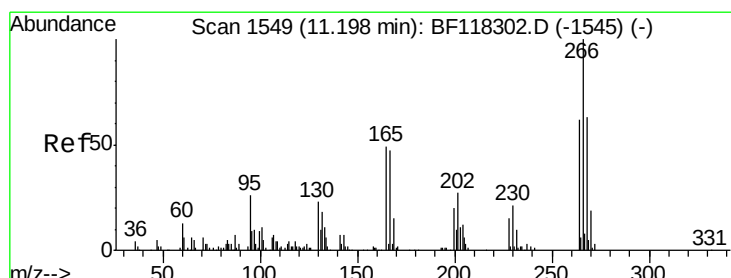
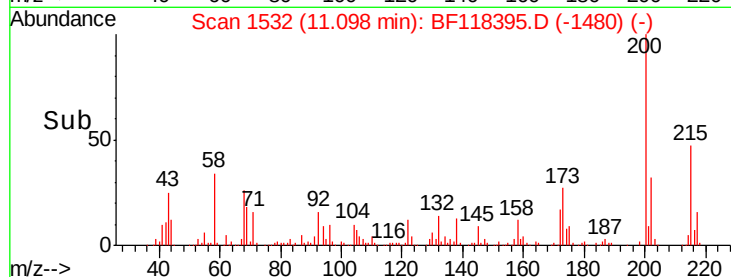
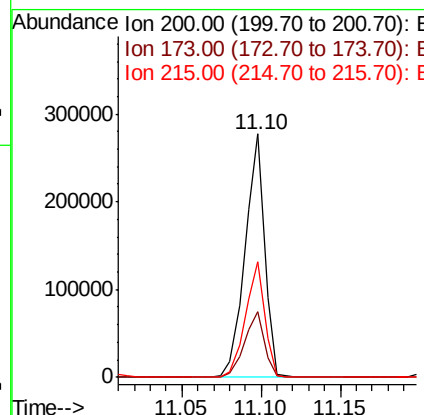
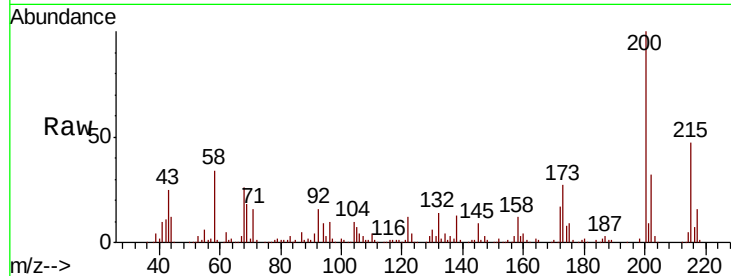
#69
Atrazine
Concen: 52.840 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	5.8	45.8
215	47.2	25.1	65.1

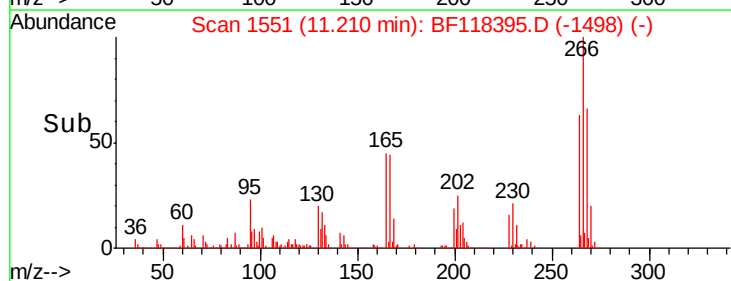
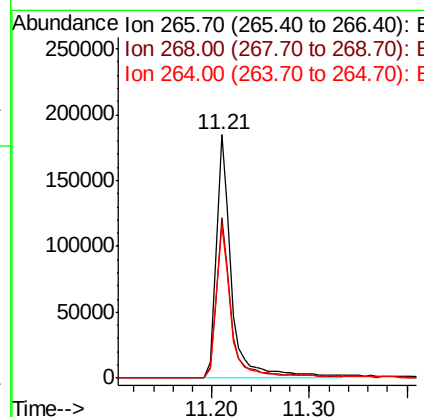
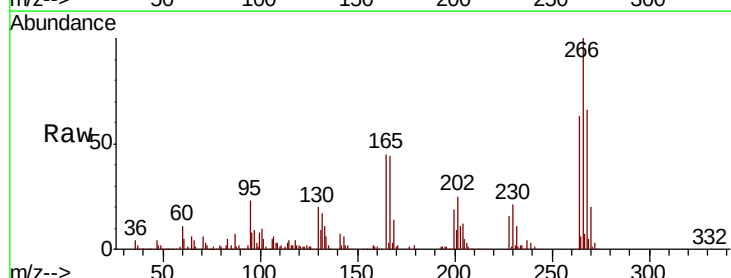
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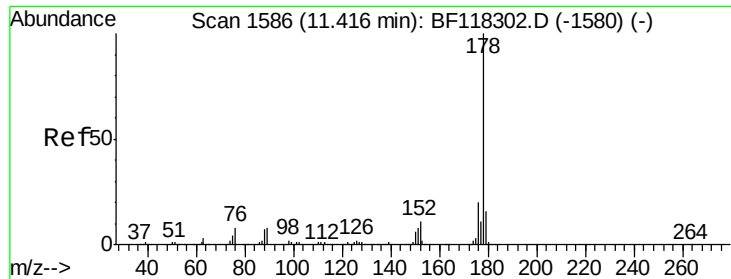
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#70
Pentachlorophenol
Concen: 75.035 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.0	50.6	76.0
264	62.7	49.9	74.9





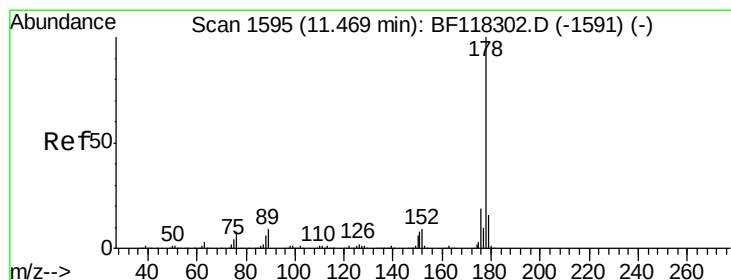
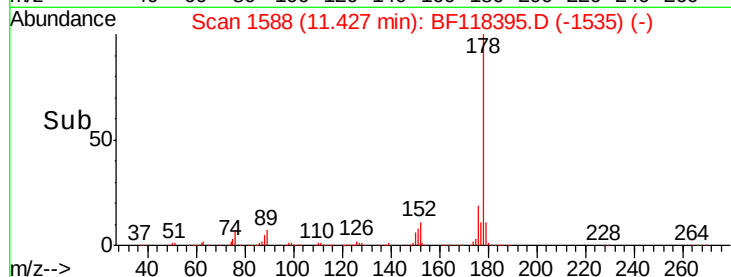
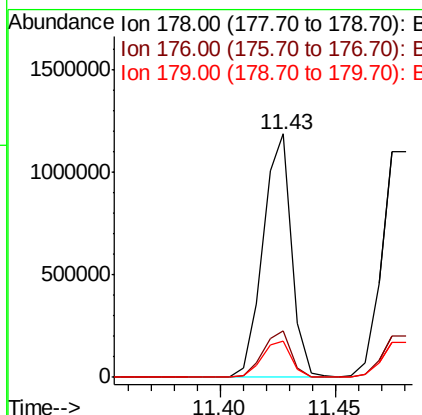
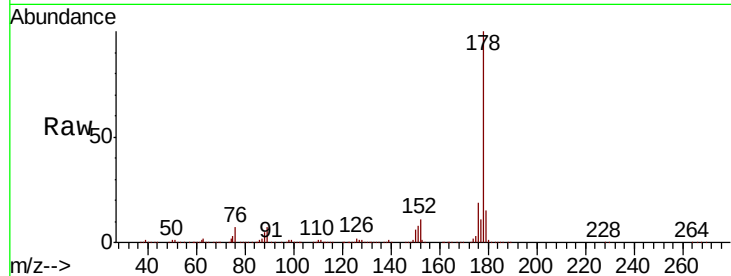
#71
Phenanthrene
Concen: 41.466 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion:178 Resp: 1022056
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 14.9 12.6 19.0

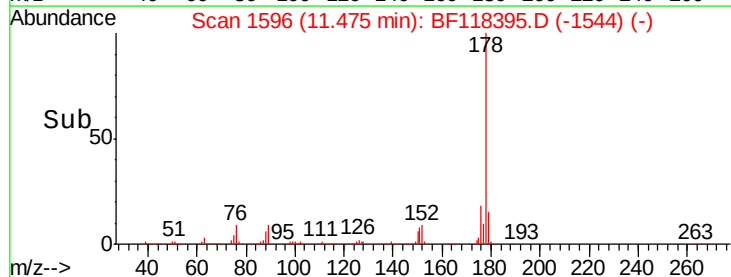
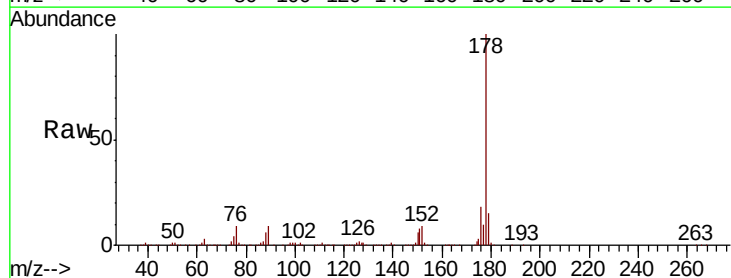
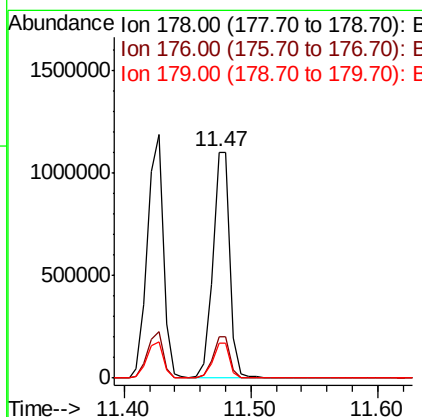
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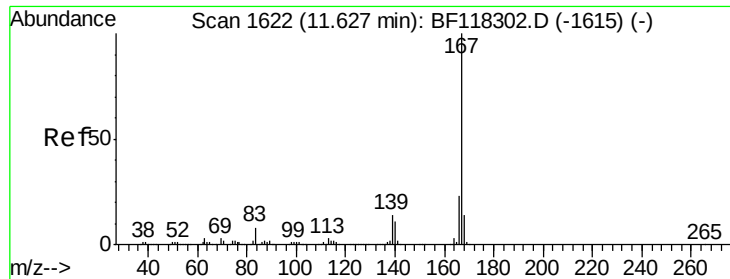
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#72
Anthracene
Concen: 42.714 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:178 Resp: 1053802
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 15.4 12.9 19.3





#73

Carbazole

Concen: 40.563 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

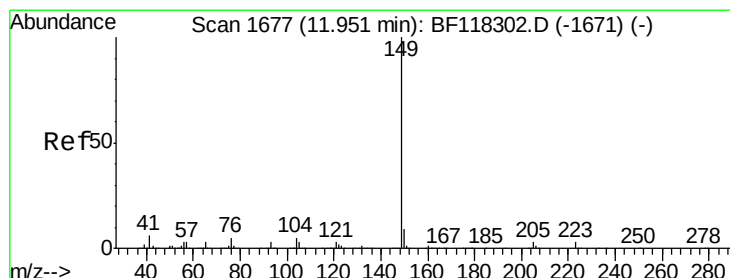
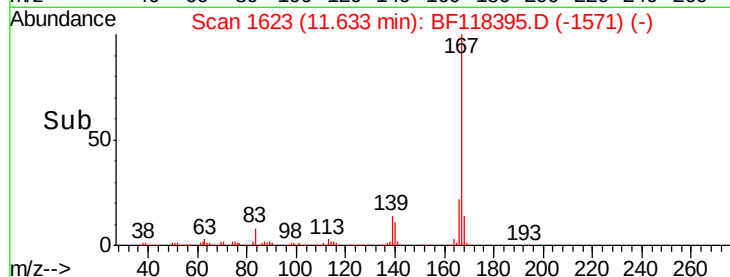
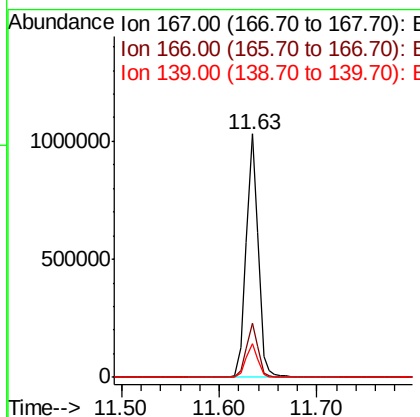
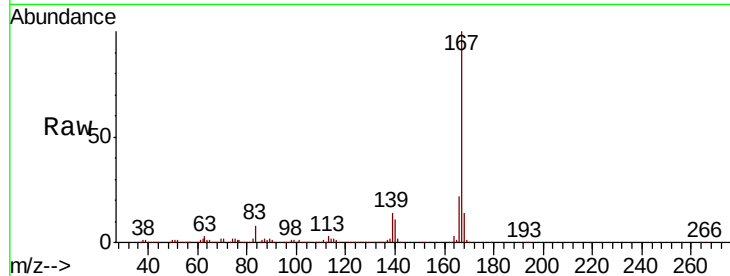
ClientSampleId :

SB-04MSD

Tot Ion:	167	Resp:	887996
Ion Ratio	Lower	Upper	
167	100		
166	22.3	18.1	27.1
139	13.9	11.5	17.3

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#74

Di-n-butylphthalate

Concen: 47.596 ng

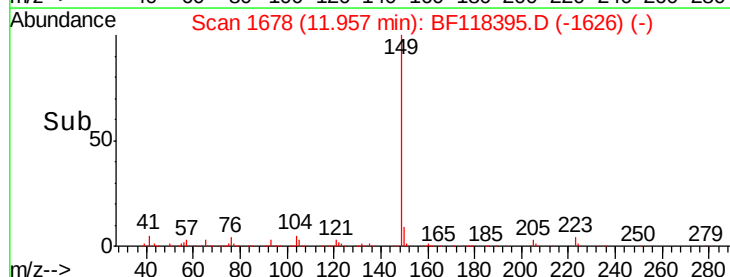
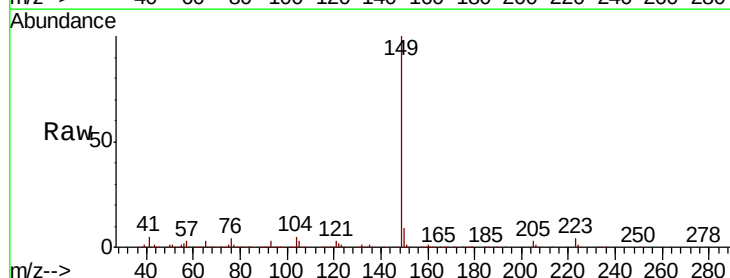
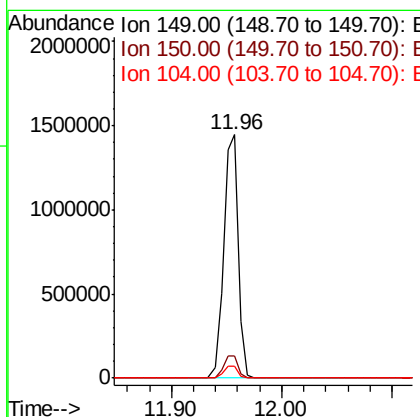
RT: 11.96 min Scan# 1678

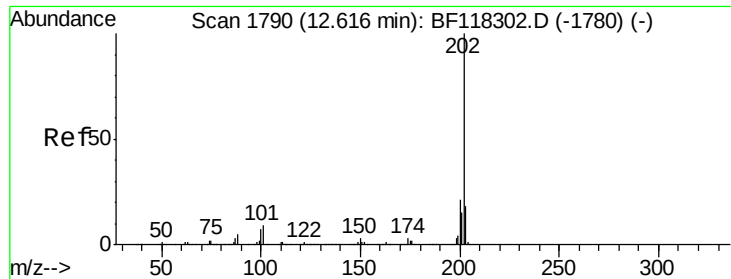
Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Tgt Ion:	149	Resp:	1321161
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.5	11.3
104	4.9	4.0	6.0





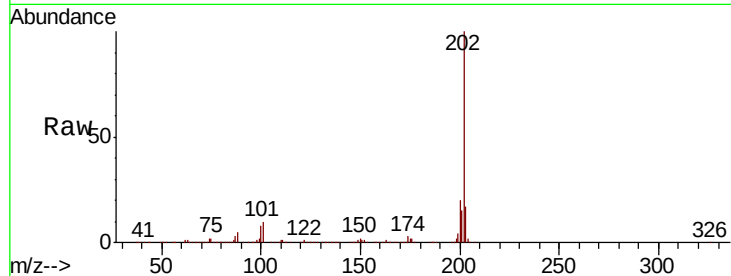
#75
Fluoranthene
Concen: 36.694 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	29.5
203	17.1	0.0	37.6

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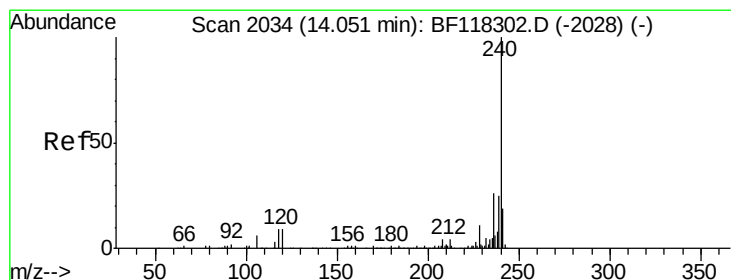
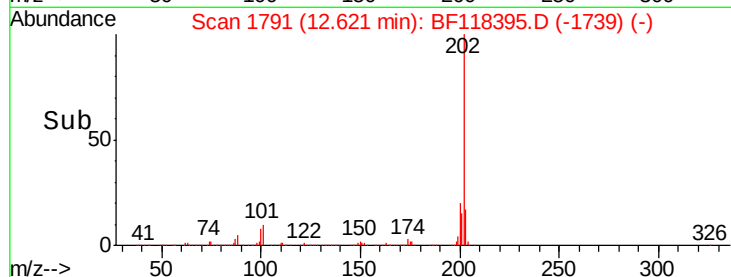
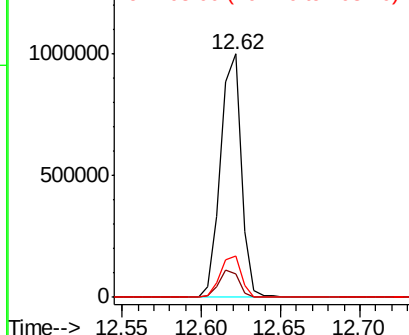


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

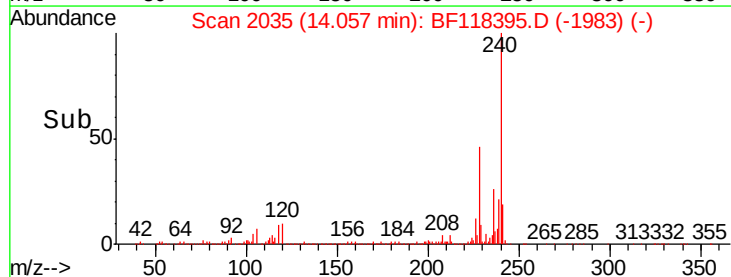
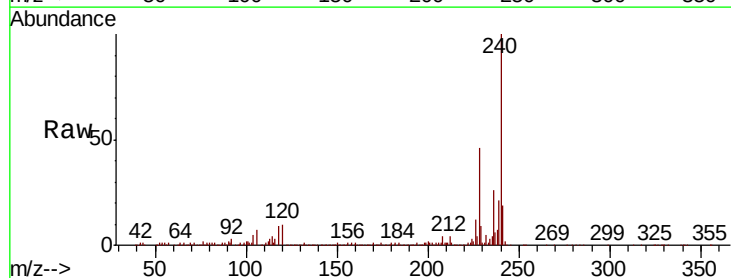
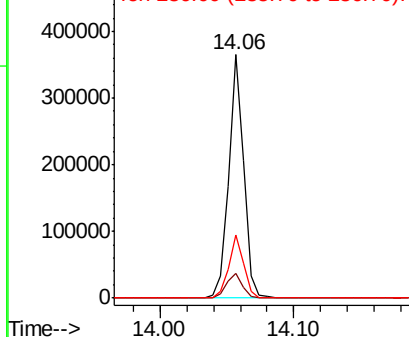
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	7.1	10.7
236	25.9	21.0	31.6

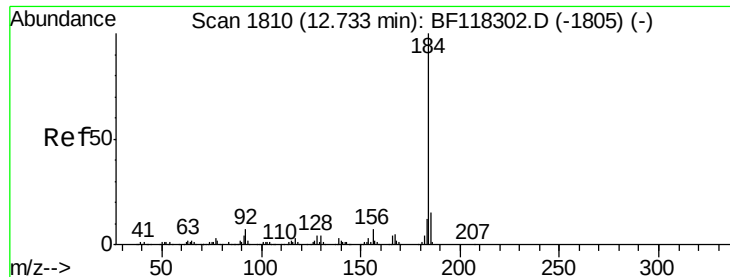
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 93.673 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

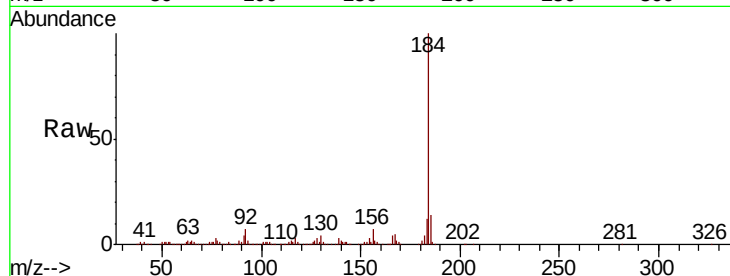
ClientSampleId :

SB-04MSD

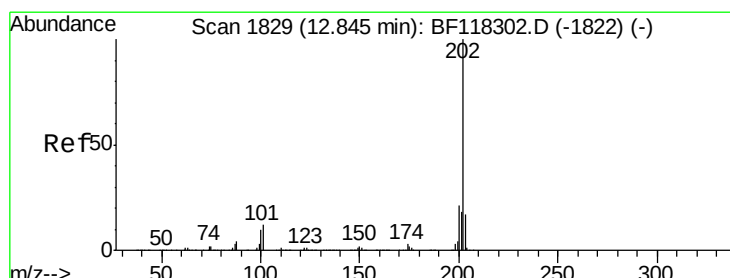
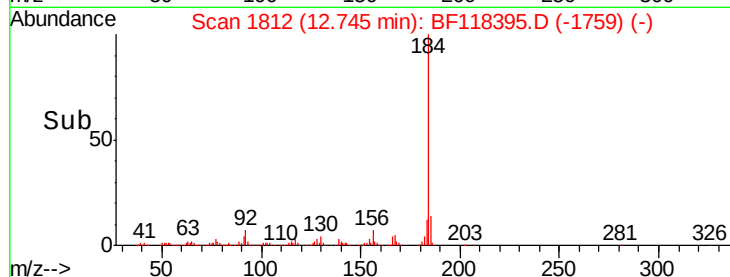
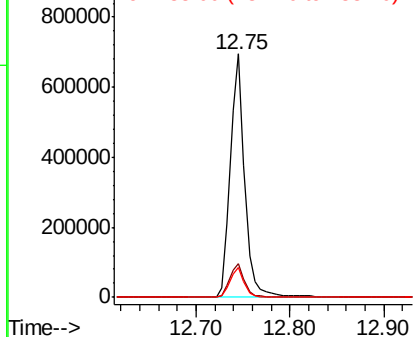
Tot Ion:	184	Resp:	745561
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.3	18.5
183	12.2	9.4	14.2

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



#78

Pyrene

Concen: 38.197 ng

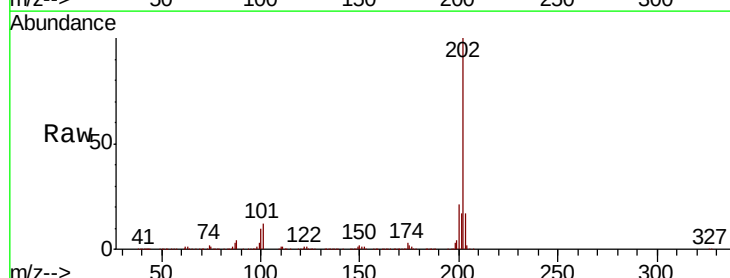
RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

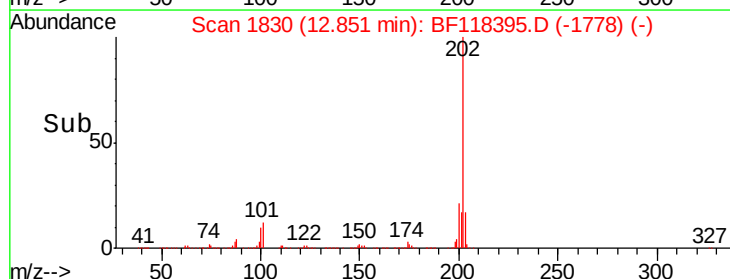
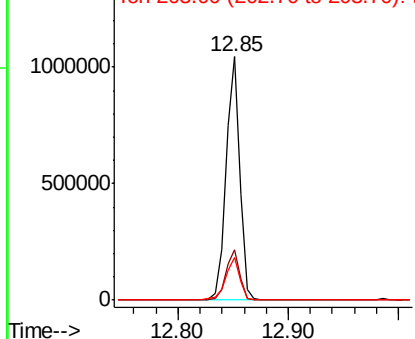
Lab File: BF118395.D

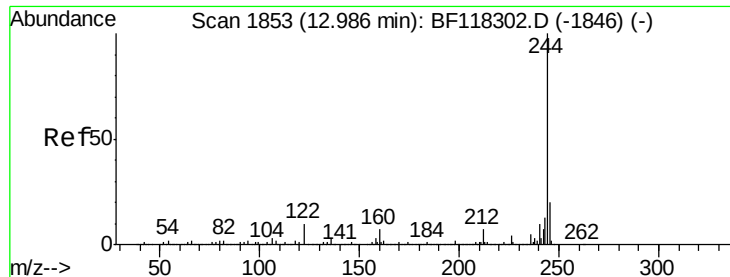
Acq: 30 Dec 2019 21:52

Tgt Ion:	202	Resp:	906048
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.8	25.2
203	17.4	13.9	20.9



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





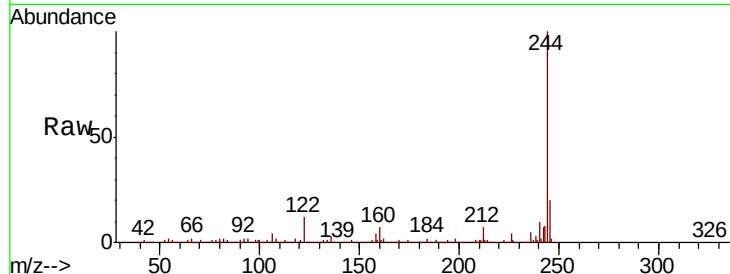
#79
 Terphenyl-d14
 Concen: 69.510 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

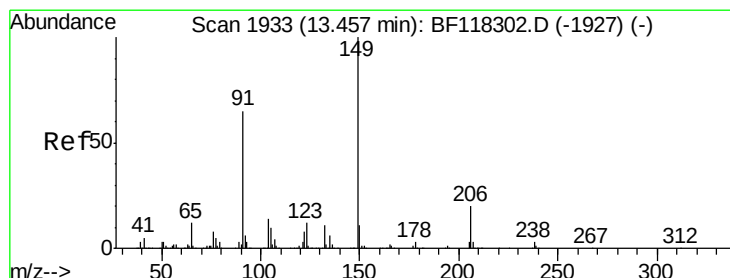
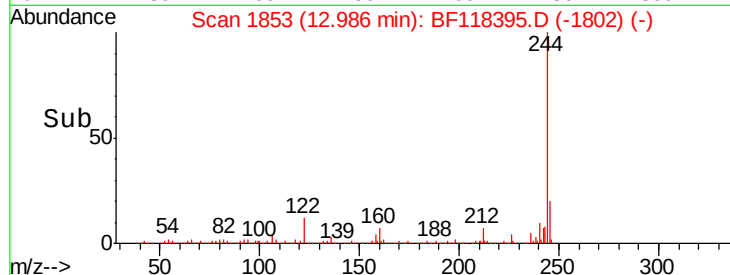
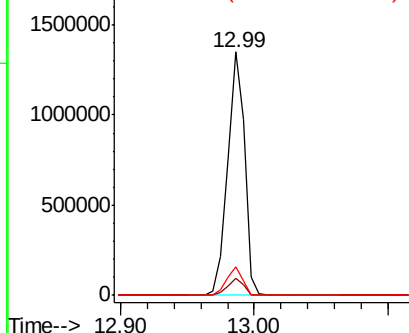
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	11.6	7.8	11.8

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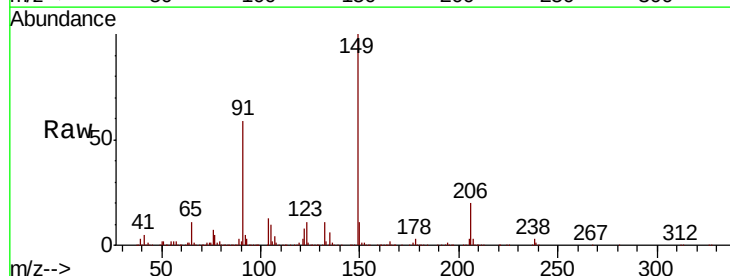


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

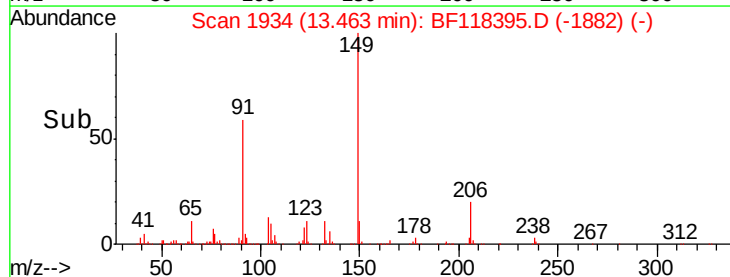
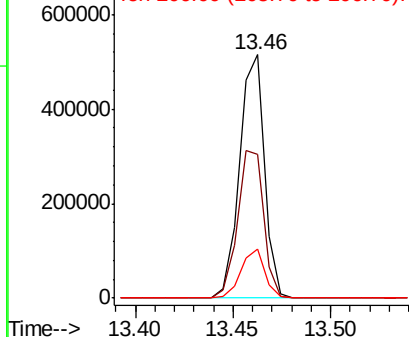


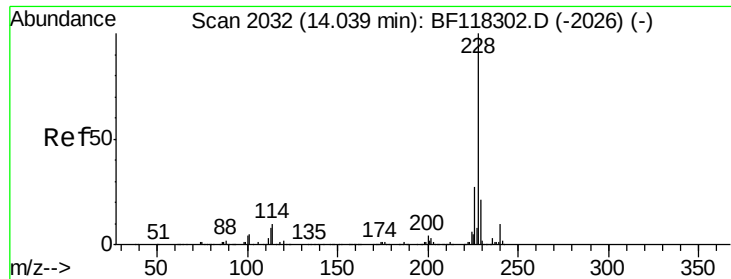
#80
 Butylbenzylphthalate
 Concen: 42.688 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	59.2	51.8	77.6
206	20.0	15.7	23.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





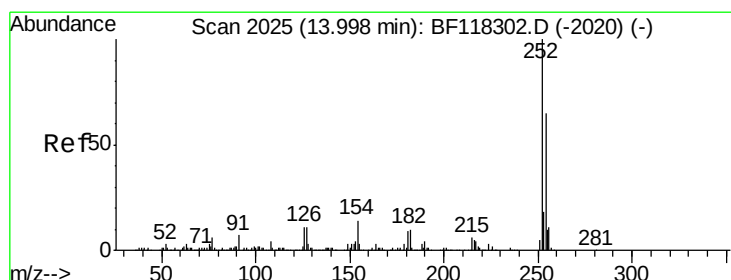
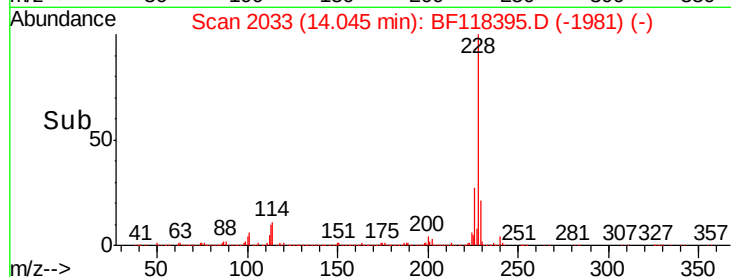
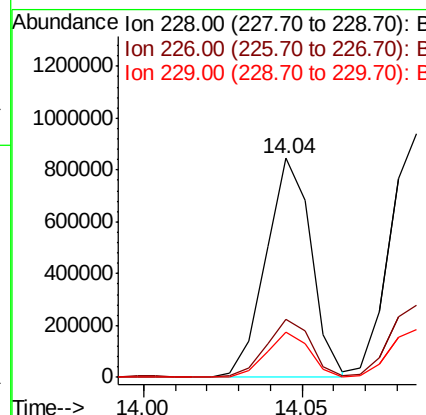
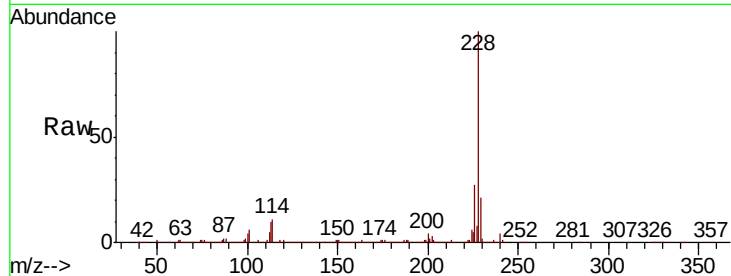
#81
Benzo(a)anthracene
Concen: 41.137 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.0	33.0
229	20.6	16.6	24.8

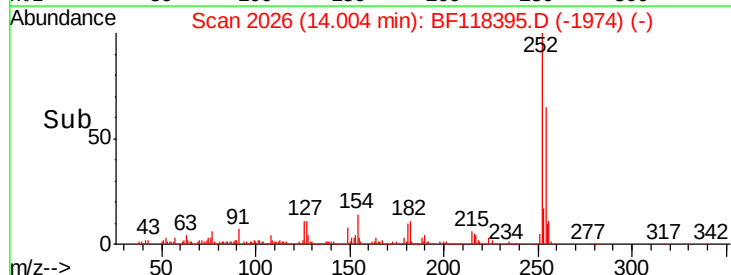
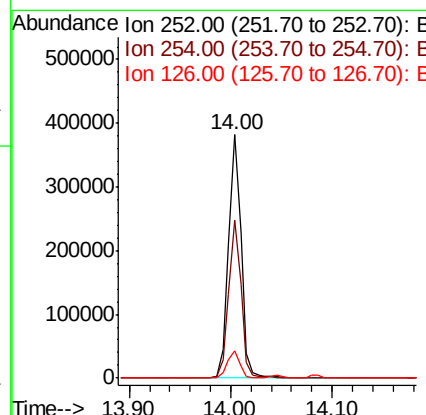
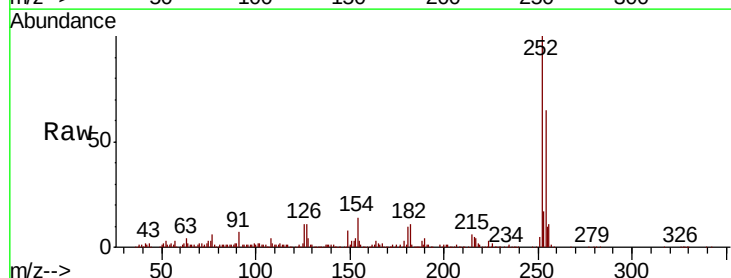
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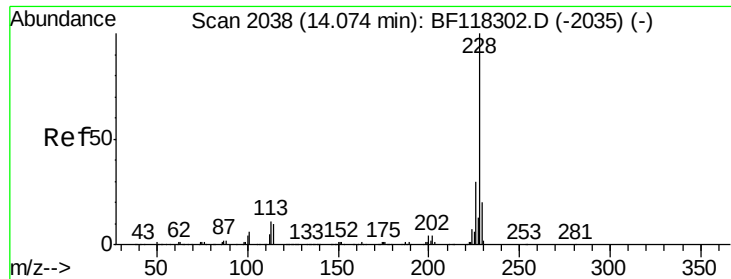
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#82
3,3'-Dichlorobenzidine
Concen: 48.031 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.8
126	10.9	8.7	13.1





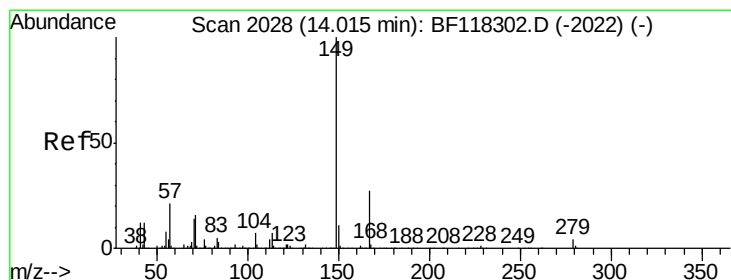
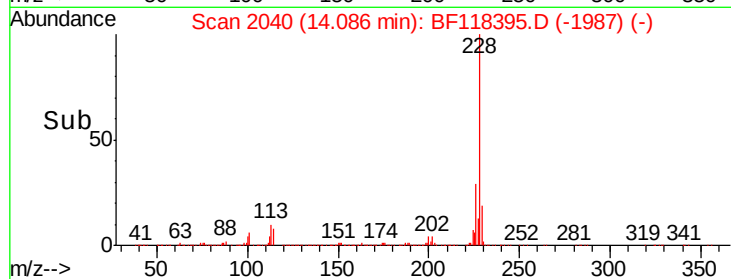
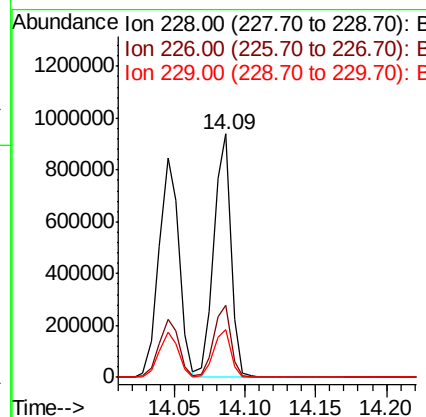
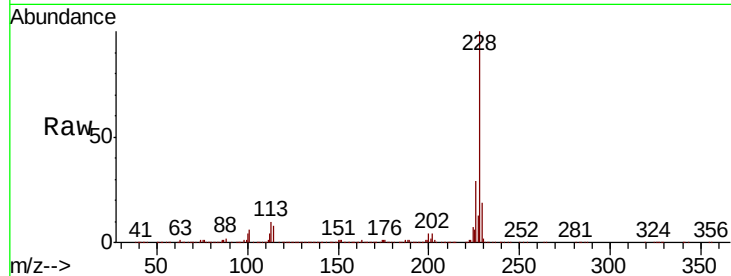
#83
Chrysene
Concen: 40.947 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	19.4	16.1	24.1

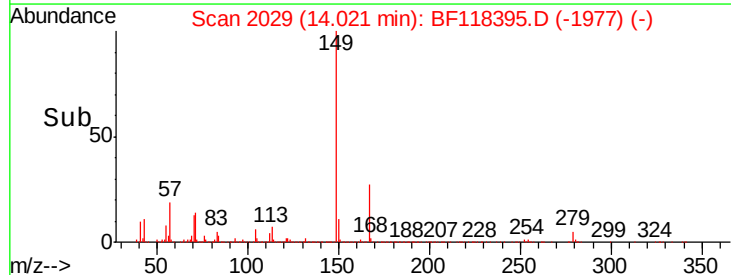
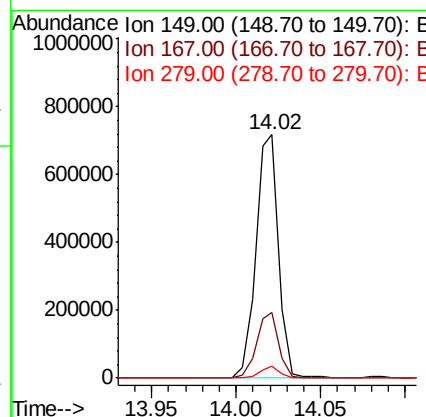
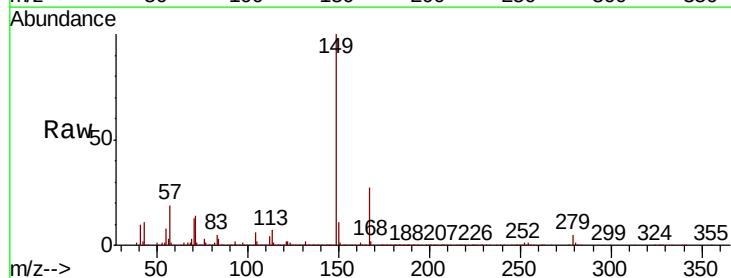
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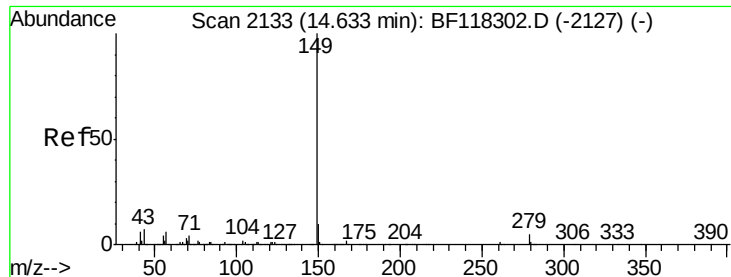
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.576 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.7	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 53.745 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

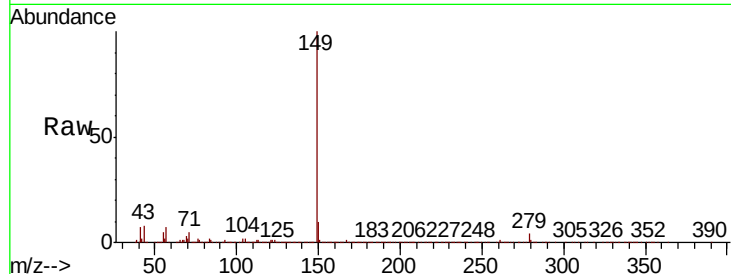
ClientSampleId :

SB-04MSD

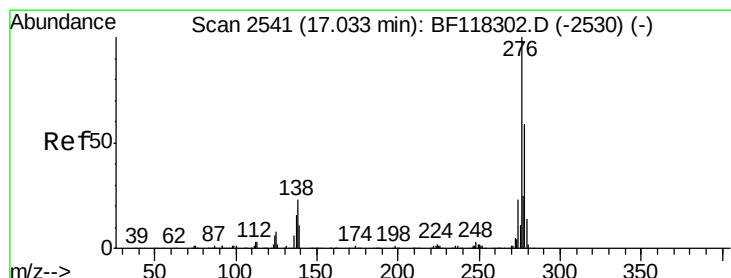
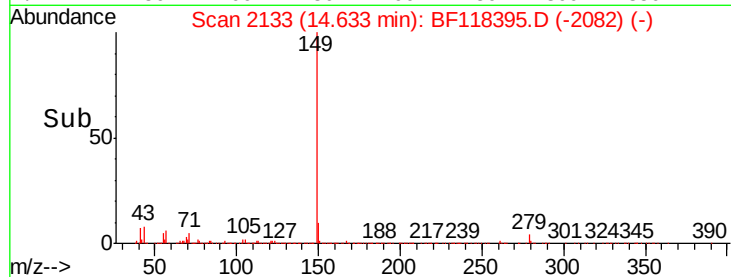
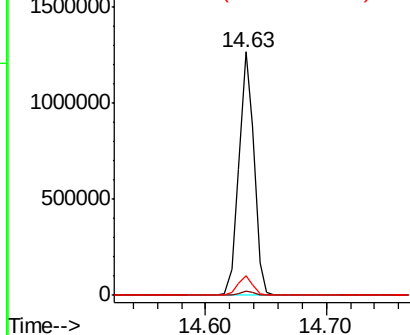
Tot Ion:	149	Resp:	1110283
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.4	6.1	9.1

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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: 37.095 ng

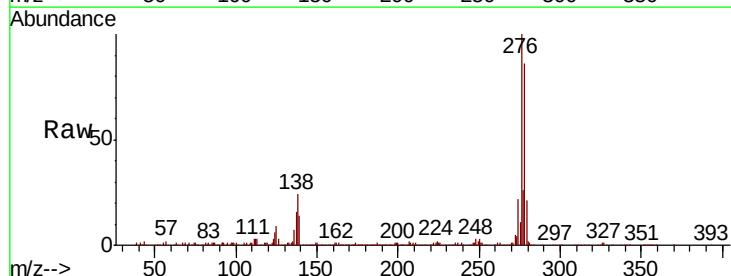
RT: 17.07 min Scan# 2547

Delta R.T. 0.04 min

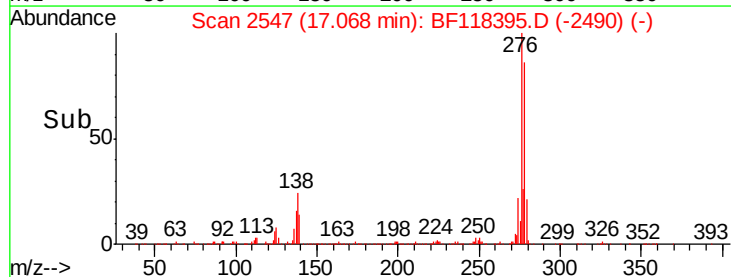
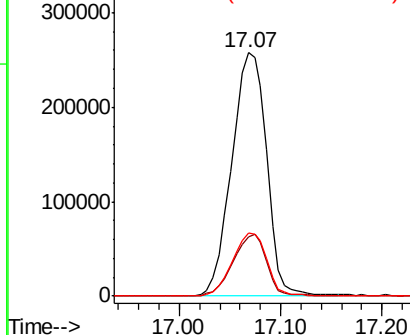
Lab File: BF118395.D

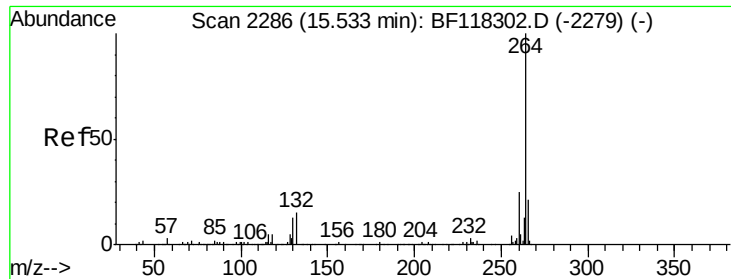
Acq: 30 Dec 2019 21:52

Tgt Ion:	276	Resp:	615345
Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.5	29.3
277	25.7	20.6	30.8



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: 15.55 min Scan# 2289

Delta R.T. 0.02 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

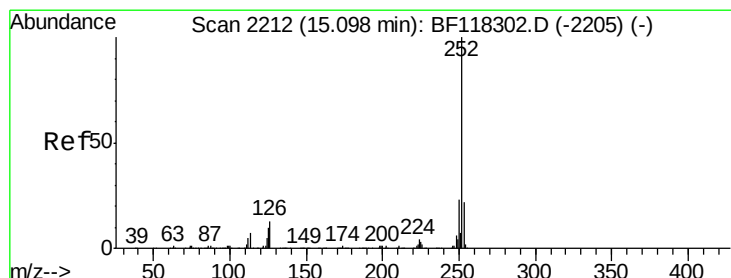
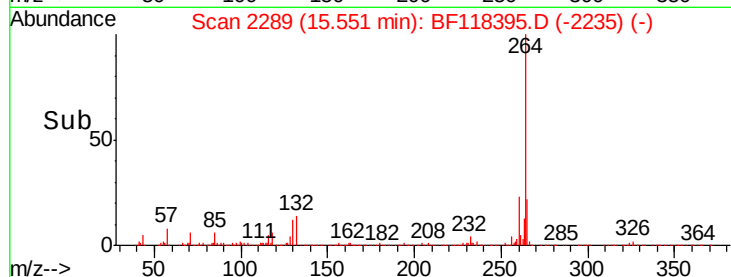
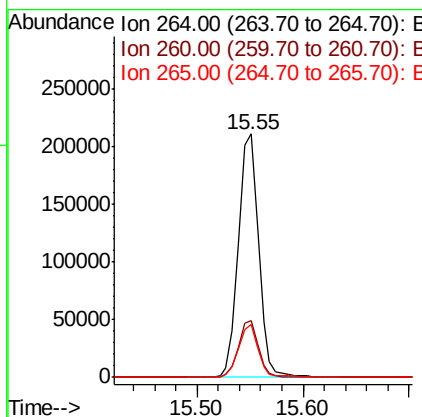
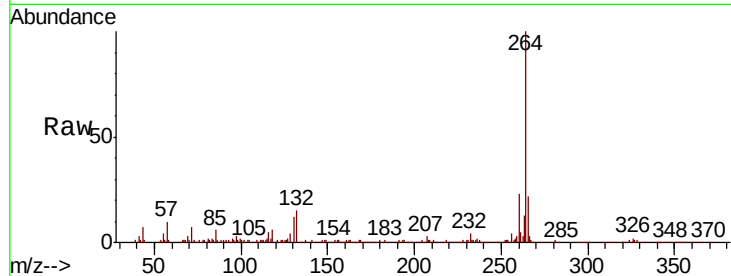
ClientSampleId :

SB-04MSD

Tot Ion:	264	Resp:	278407
Ion Ratio		Lower	Upper
264	100		
260	23.1	19.8	29.6
265	21.9	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 42.689 ng

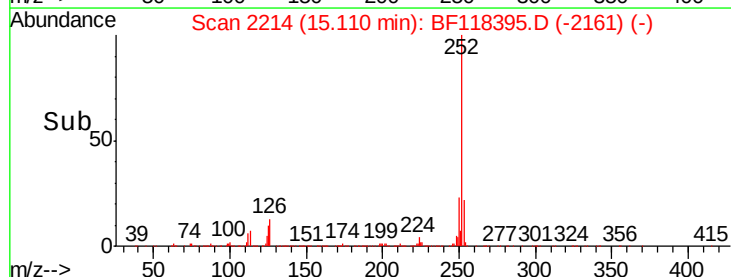
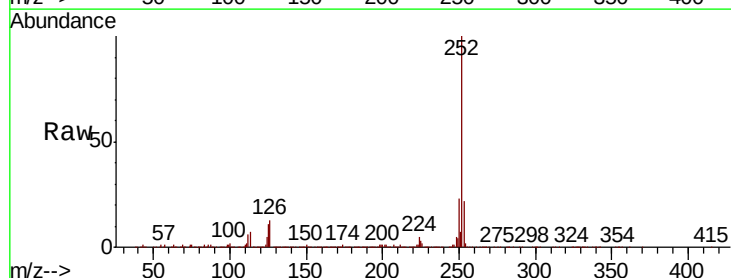
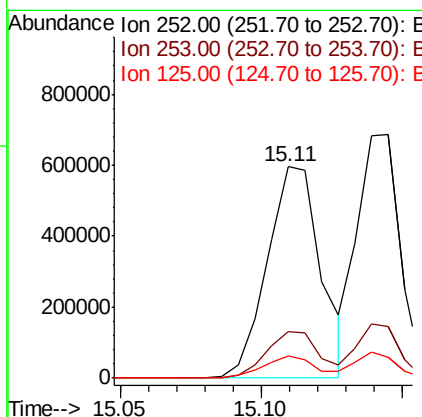
RT: 15.11 min Scan# 2214

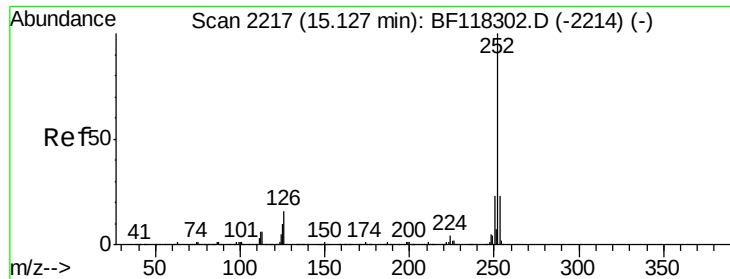
Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Tgt Ion:	252	Resp:	788920
Ion Ratio		Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.6	7.7	11.5





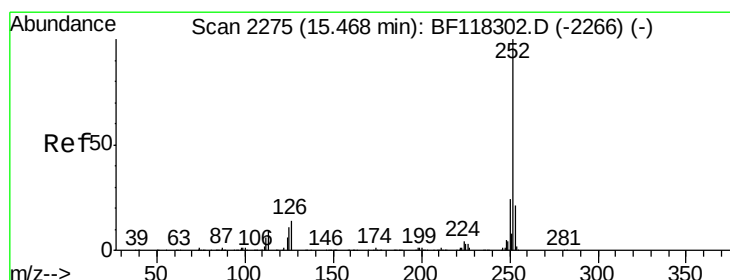
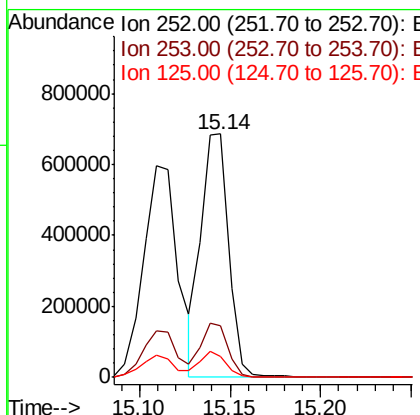
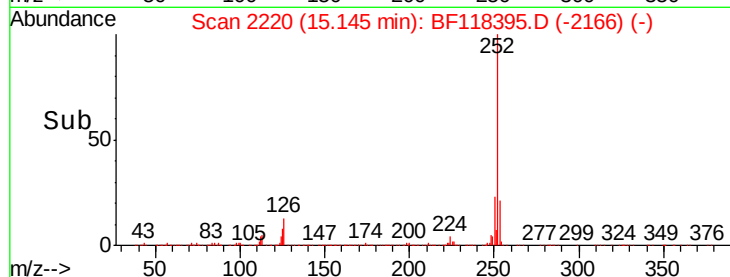
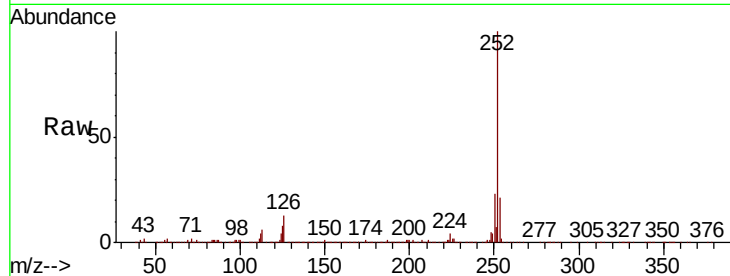
#89
Benzo(k)fluoranthene
Concen: 40.939 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	8.4	8.0	12.0

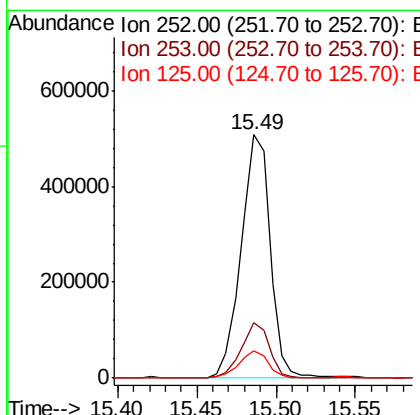
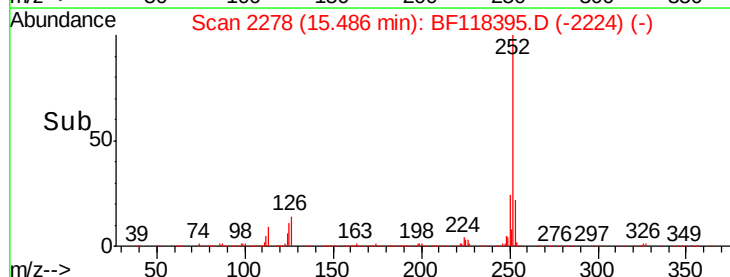
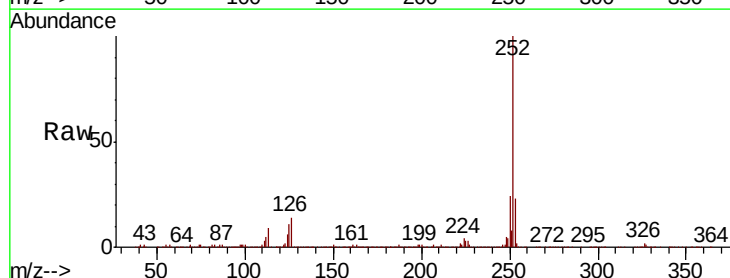
Manual Integrations
APPROVED

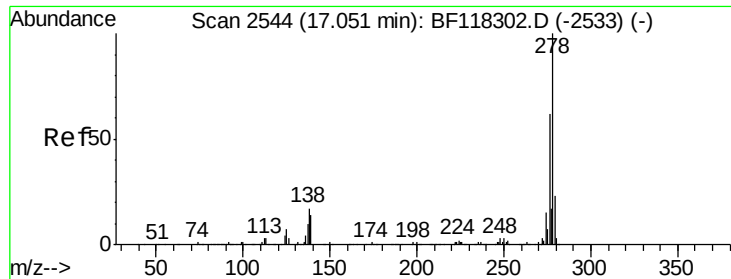
mohammad
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#90
Benzo(a)pyrene
Concen: 39.566 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	11.5	9.0	13.4





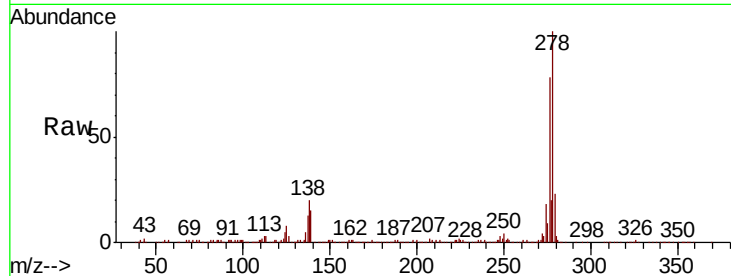
#91
Dibenzo(a,h)anthracene
Concen: 37.763 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.03 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

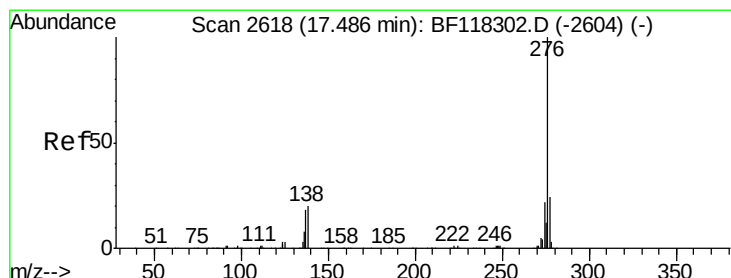
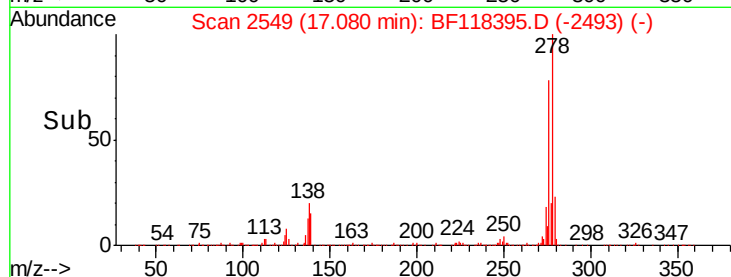
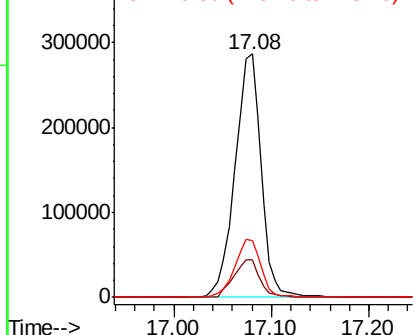
Tot Ion:278	Resp:	533493
Ion Ratio	Lower	Upper
278 100		
139 15.4	11.5	17.3
279 23.3	18.3	27.5

Manual Integrations
APPROVED

mohammad
12/31/2019 12:04:38 PM

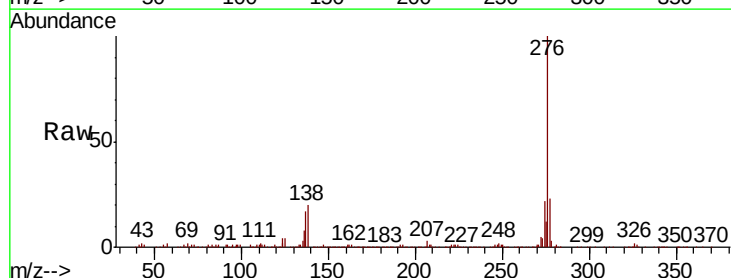


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.722 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.04 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:276	Resp:	487501
Ion Ratio	Lower	Upper
276 100		
277 22.8	19.1	28.7
138 20.0	16.1	24.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

