

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116428.D
 Acq On : 20 Aug 2019 12:11
 Operator : HP/JU
 Sample : PB122210BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BSD

Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:07 PM

Quant Time: Aug 20 15:22:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116366	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	481695	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	254901	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	447007	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	324104	20.00	ng	-0.01
87) Perylene-d12	15.42	264	270601	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	818277	117.72	ng	0.00
7) Phenol-d6	6.46	99	978640	111.59	ng	0.00
23) Nitrobenzene-d5	7.37	82	645635	77.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	270383	109.41	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1125535	82.71	ng	-0.01
79) Terphenyl-d14	12.90	244	1264563	82.22	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	139294	39.667	ng	99
3) Pyridine	3.39	79	320741	32.697	ng	99
4) n-Nitrosodimethylamine	3.33	42	148046	38.243	ng	100
6) Aniline	6.47	93	364590	29.028	ng	# 55
8) 2-Chlorophenol	6.60	128	343694	44.714	ng	97
9) Benzaldehyde	6.36	77	111918	18.495	ng	97
10) Phenol	6.47	94	424532	41.106	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	326697	43.026	ng	97
12) 1,3-Dichlorobenzene	6.75	146	364192	40.997	ng	99
13) 1,4-Dichlorobenzene	6.82	146	376401	42.318	ng	98
14) 1,2-Dichlorobenzene	6.97	146	345775	42.219	ng	99
15) Benzyl Alcohol	6.96	79	274216	41.201	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	428901	41.412	ng	60
17) 2-Methylphenol	7.07	107	280155	43.044	ng	# 90
18) Hexachloroethane	7.31	117	136704	41.745	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	240001	44.162	ng	99
20) 3+4-Methylphenols	7.23	107	372030	48.303	ng	# 77
22) Acetophenone	7.22	105	476033	45.061	ng	# 93
24) Nitrobenzene	7.39	77	381440	42.332	ng	97
25) Isophorone	7.63	82	685121	42.936	ng	99
26) 2-Nitrophenol	7.71	139	184961	43.547	ng	95
27) 2,4-Dimethylphenol	7.75	122	303646	47.518	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	420319	42.498	ng	100
29) 2,4-Dichlorophenol	7.96	162	291661	43.227	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	319200	41.502	ng	99
31) Naphthalene	8.10	128	993631	43.835	ng	99
32) Benzoic acid	7.91	122	154618	34.319	ng	99
33) 4-Chloroaniline	8.16	127	288103	28.446	ng	98
34) Hexachlorobutadiene	8.22	225	179863	40.601	ng	99
35) Caprolactam	8.54	113	91600m	41.976	ng	
36) 4-Chloro-3-methylphenol	8.66	107	304603	43.396	ng	97
37) 2-Methylnaphthalene	8.80	142	649706	43.521	ng	99
38) 1-Methylnaphthalene	8.89	142	610710	43.242	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	297843	43.707	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	136278	47.171	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	180791	38.544	ng	100
44) 2,4,5-Trichlorophenol	9.14	196	185430	38.244	ng	97
46) 1,1'-Biphenyl	9.26	154	796633	44.267	ng	99
47) 2-Chloronaphthalene	9.29	162	626973	41.860	ng	100
48) 2-Nitroaniline	9.39	65	196129	39.616	ng	97
49) Acenaphthylene	9.70	152	934618	42.772	ng	99
50) Dimethylphthalate	9.56	163	723739	41.700	ng	100
51) 2,6-Dinitrotoluene	9.63	165	163398	43.322	ng #	81
52) Acenaphthene	9.87	154	569887	42.511	ng	100
53) 3-Nitroaniline	9.80	138	133328	28.608	ng	99
54) 2,4-Dinitrophenol	9.93	184	108850	59.013	ng	100
55) Dibenzofuran	10.05	168	802652	41.172	ng	98
56) 4-Nitrophenol	9.99	139	159034	53.269	ng	94
57) 2,4-Dinitrotoluene	10.05	165	202505	40.325	ng #	92
58) Fluorene	10.39	166	666324	44.424	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	176656	43.306	ng	94
60) Diethylphthalate	10.26	149	714567	44.098	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	338764	44.596	ng	99
62) 4-Nitroaniline	10.42	138	158372	32.882	ng	97
63) Azobenzene	10.53	77	731099	43.866	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	101384	42.799	ng	98
66) n-Nitrosodiphenylamine	10.50	169	586065	43.559	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	204984	42.837	ng	99
68) Hexachlorobenzene	10.94	284	226841	40.995	ng	97
69) Atrazine	11.02	200	179978	40.661	ng	99
70) Pentachlorophenol	11.14	266	159413	59.340	ng	97
71) Phenanthrene	11.35	178	980415	42.903	ng	100
72) Anthracene	11.40	178	1012927	43.798	ng	99
73) Carbazole	11.56	167	909473	43.345	ng	100
74) Di-n-butylphthalate	11.87	149	1129196	46.134	ng	99
75) Fluoranthene	12.54	202	1035821	43.297	ng	98
77) Benzidine	12.66	184	290492	26.530	ng	98
78) Pyrene	12.77	202	1047242	42.865	ng	99
80) Butylbenzylphthalate	13.37	149	478586	46.309	ng	96
81) Benzo(a)anthracene	13.96	228	862766	41.648	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	274103	38.086	ng	99
83) Chrysene	13.99	228	861632	42.843	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	663001	49.368	ng #	98
85) Di-n-octyl phthalate	14.53	149	1066996	50.020	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	719735	42.609	ng	99
88) Benzo(b)fluoranthene	15.00	252	775806	49.583	ng	100
89) Benzo(k)fluoranthene	15.03	252	732674m	48.076	ng	
90) Benzo(a)pyrene	15.36	252	704573	50.374	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	620555	51.256	ng	98
92) Benzo(g,h,i)perylene	17.32	276	609965	51.300	ng	98

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

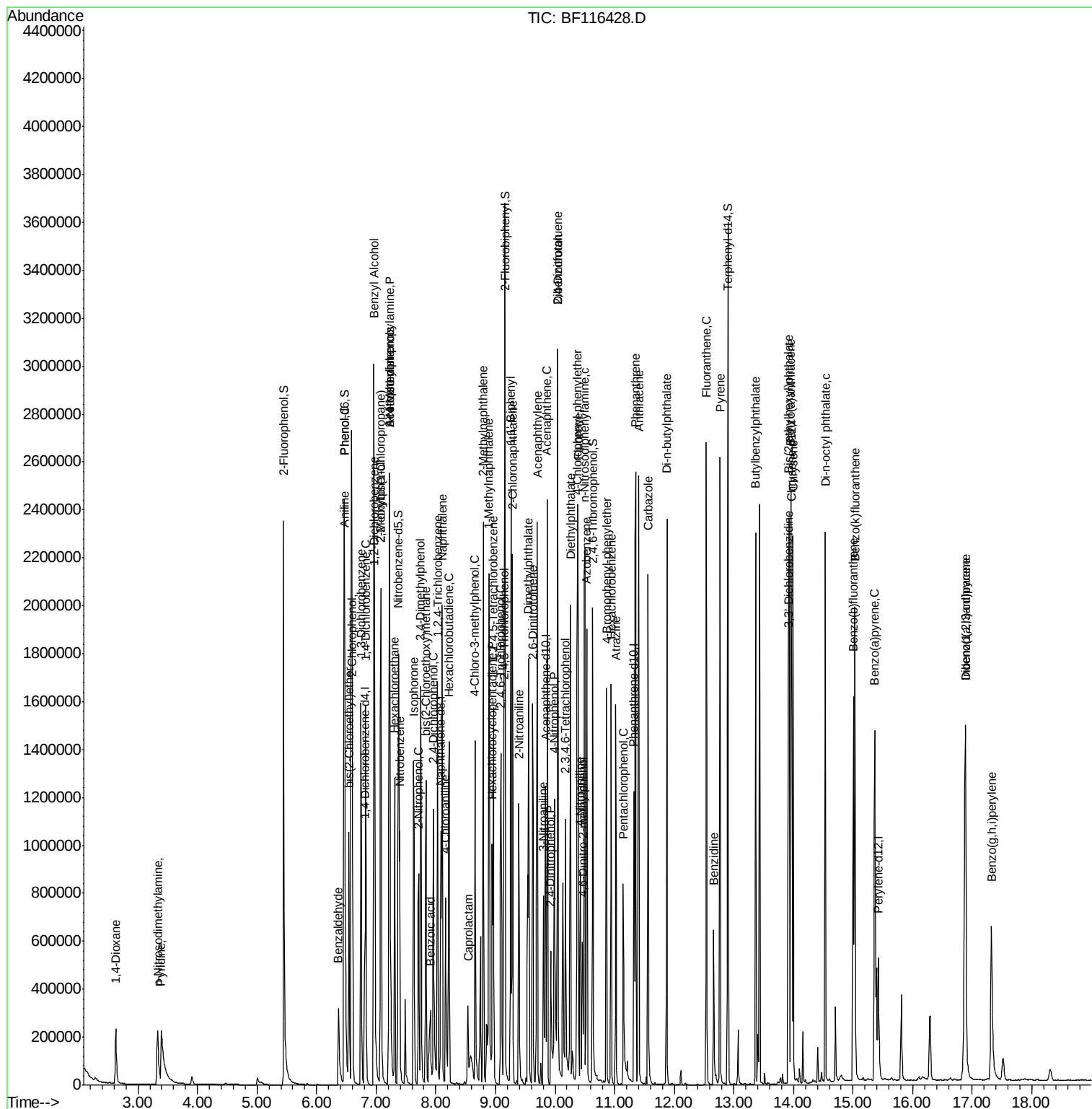
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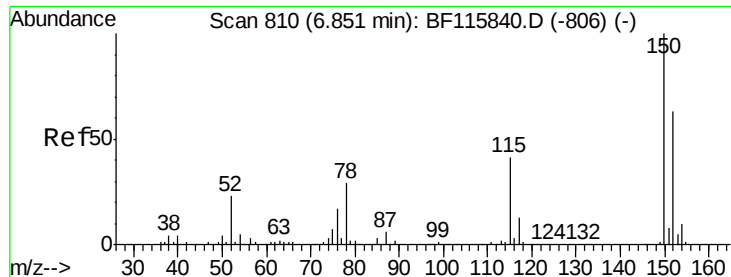
Instrument :
BNA_F
Client Sample ID :
PB122210BSD

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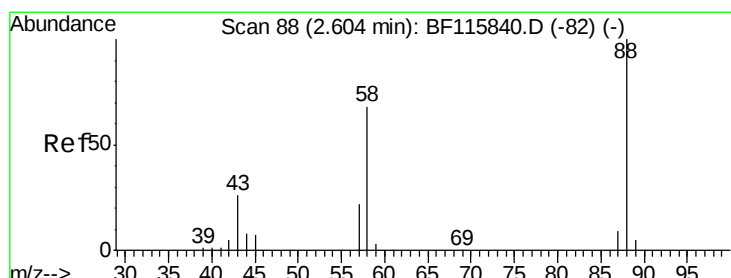
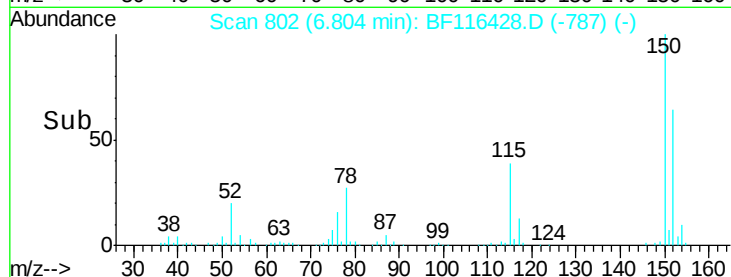
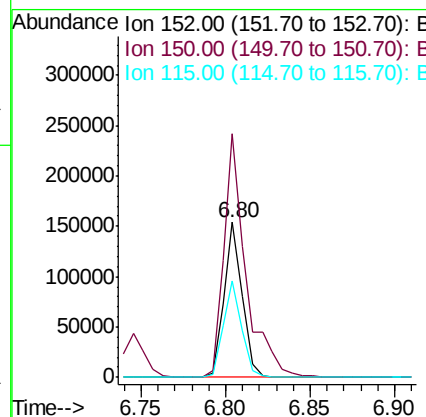
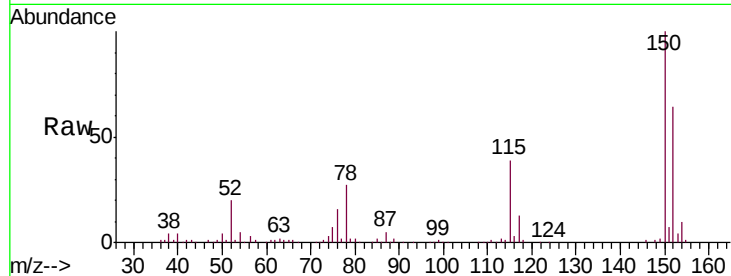
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	61.8	49.9	74.9

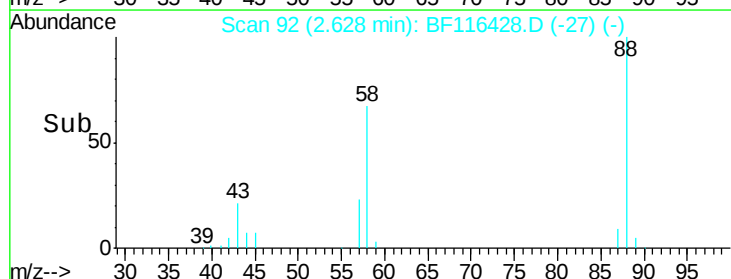
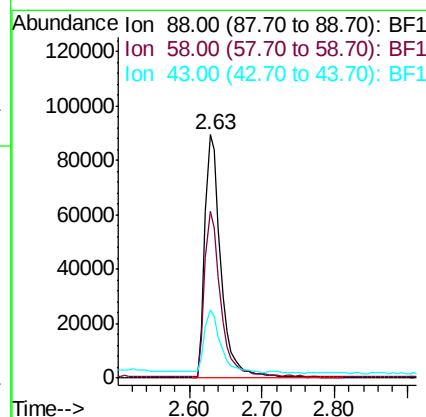
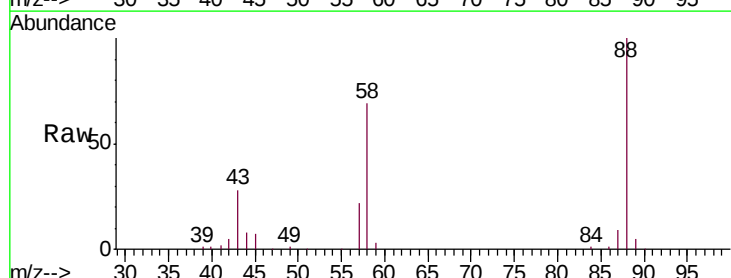
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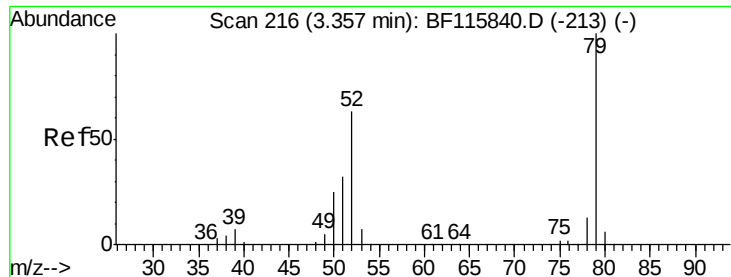
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#2
 1,4-Dioxane
 Concen: 39.667 ng
 RT: 2.63 min Scan# 92
 Delta R.T. 0.08 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	53.7	80.5
43	25.2	21.0	31.4





#3

Pyridine

Concen: 32.697 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.09 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Instrument :

BNA_F

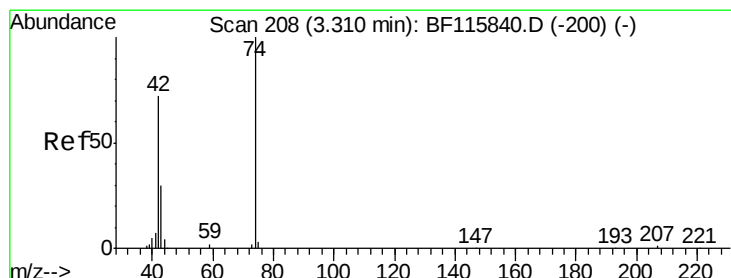
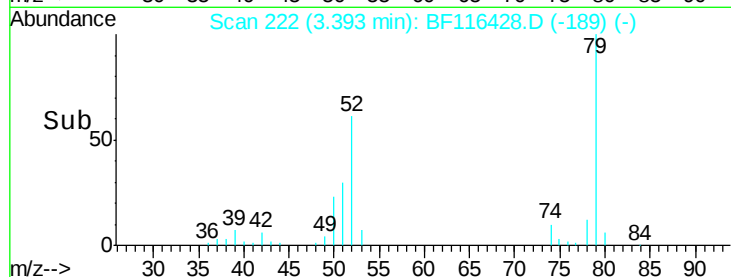
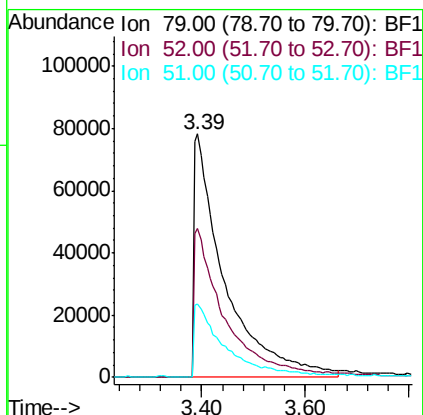
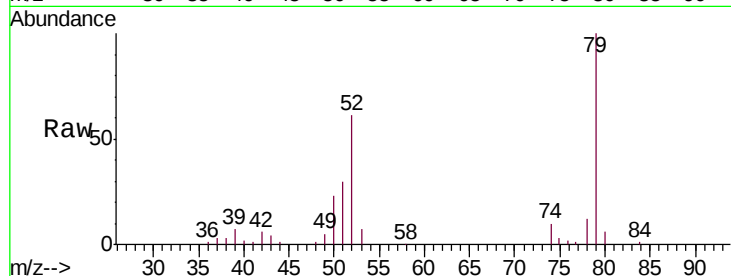
ClientSampleId :

PB122210BSD

Tgt Ion:	79	Resp:	320741
Ion	Ratio	Lower	Upper
79	100		
52	61.4	49.8	74.8
51	30.3	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 38.243 ng

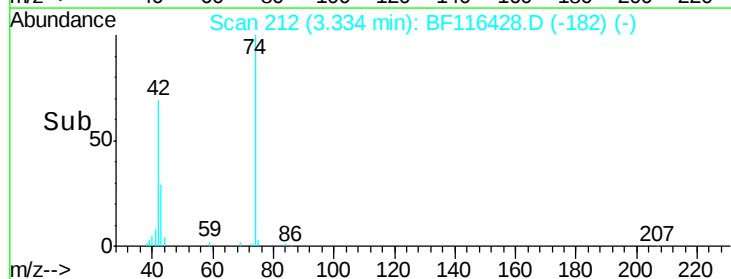
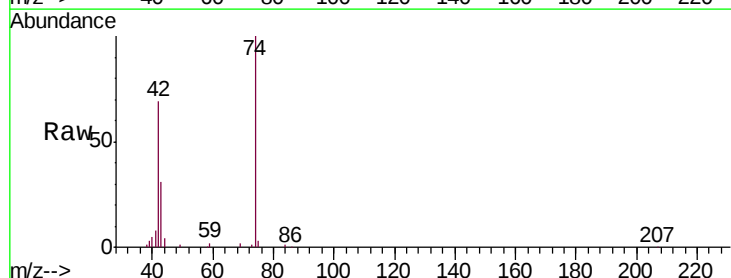
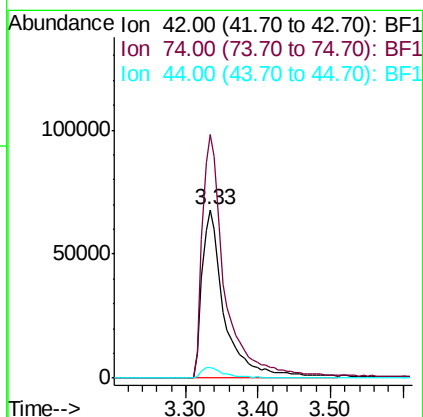
RT: 3.33 min Scan# 212

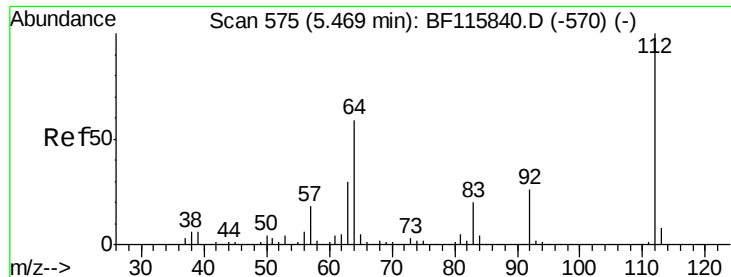
Delta R.T. 0.08 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Tgt Ion:	42	Resp:	148046
Ion	Ratio	Lower	Upper
42	100		
74	144.5	116.0	174.0
44	6.3	4.6	7.0





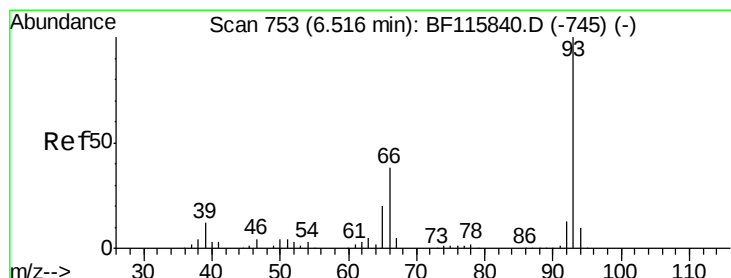
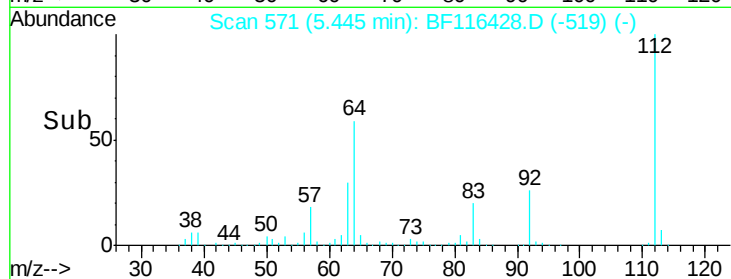
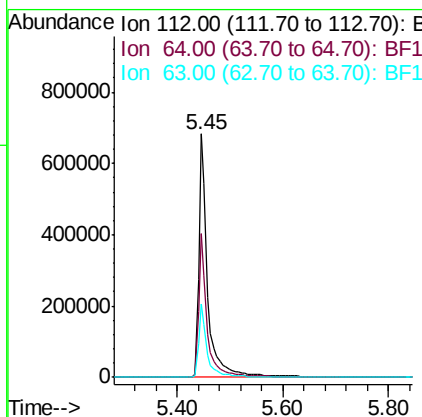
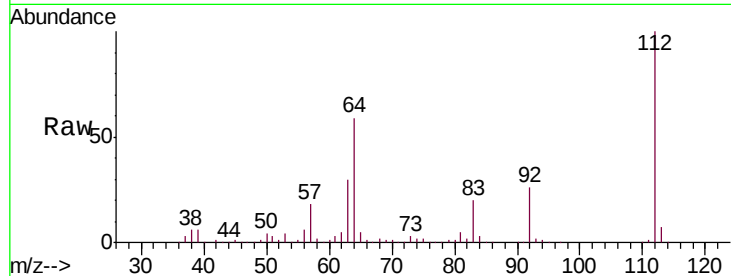
#5
2-Fluorophenol
Concen: 117.719 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	58.8	45.4	68.2
63	30.0	23.7	35.5

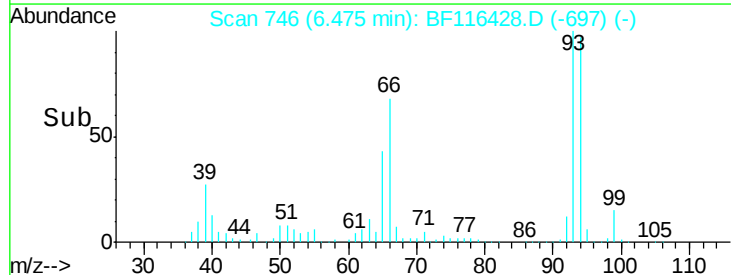
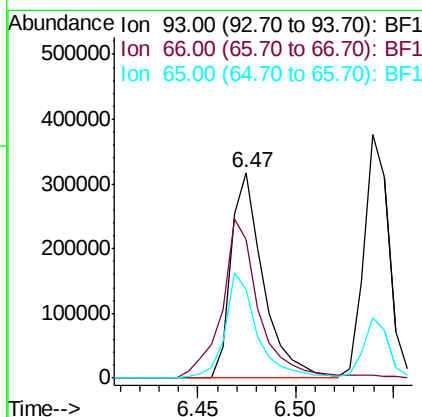
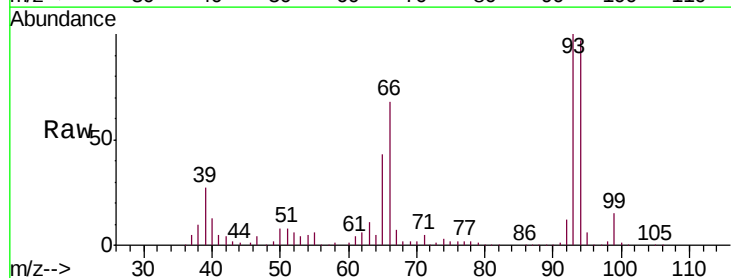
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#6
Aniline
Concen: 29.028 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	67.7	32.2	48.4#
65	43.0	17.0	25.6#





#7

Phenol-d6

Concen: 111.589 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Instrument :

BNA_F

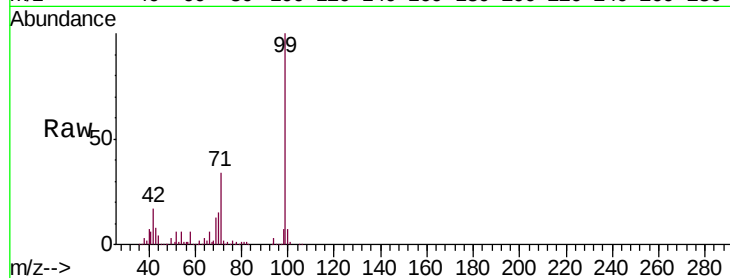
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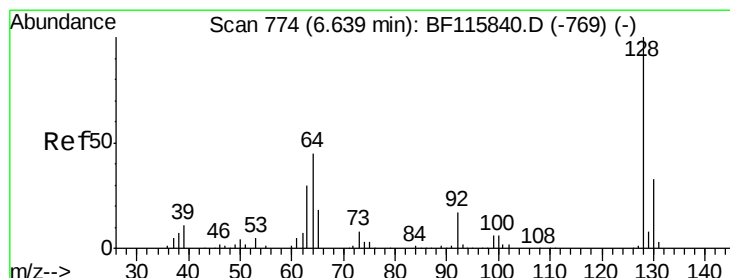
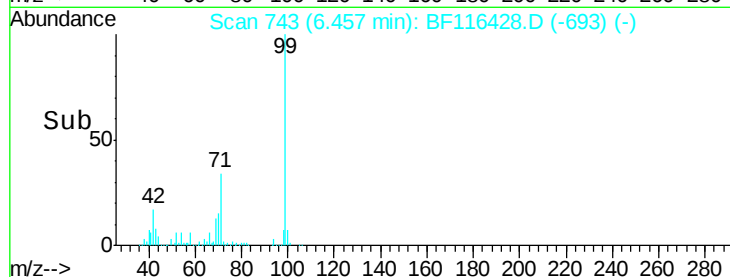
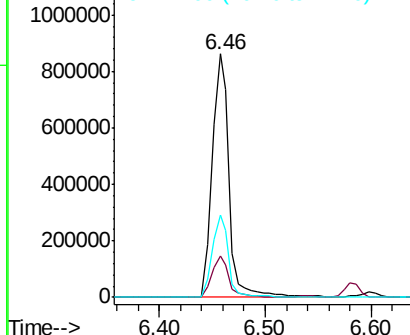
Tgt Ion:	99	Resp:	978640
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.8	20.8
71	33.9	27.3	40.9

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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: 44.714 ng

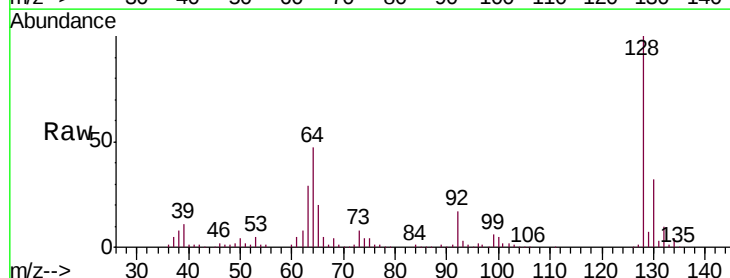
RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

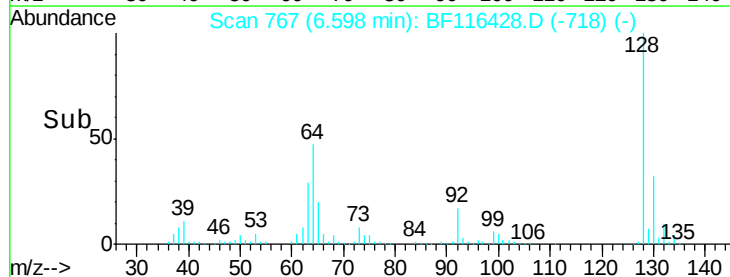
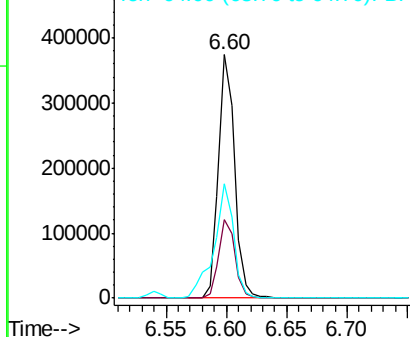
Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Tgt Ion:	128	Resp:	343694
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	46.9	24.3	64.3



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





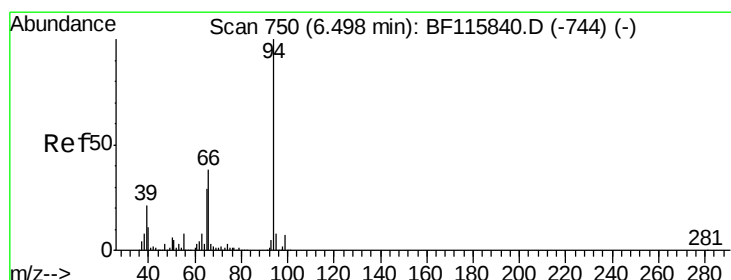
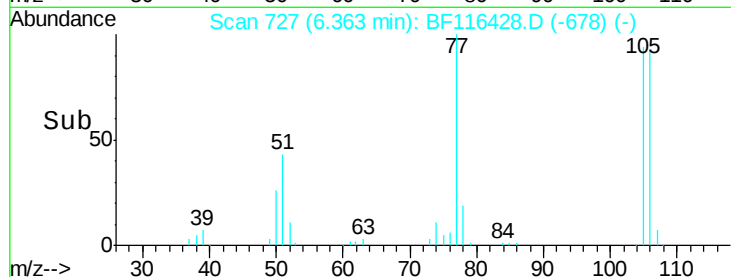
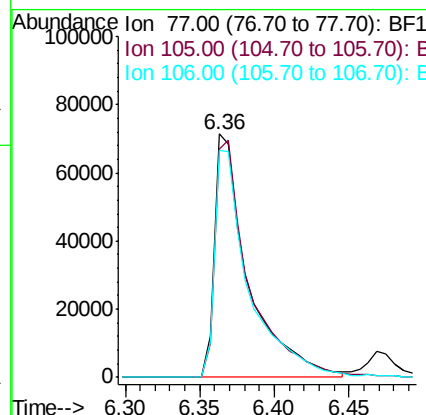
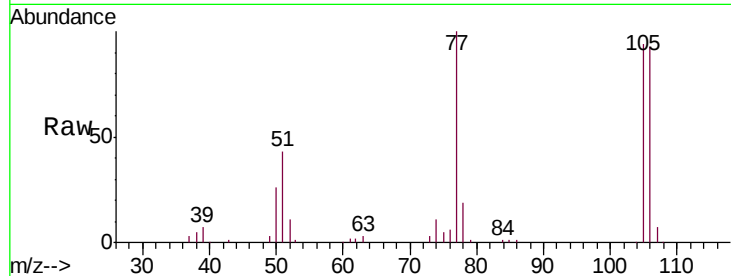
#9
Benzaldehyde
Concen: 18.495 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF116428.D
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Tgt Ion	Ratio	Resp	Lower	Upper
77	100	111918		
105	93.7	79.2	119.2	
106	93.3	74.3	114.3	

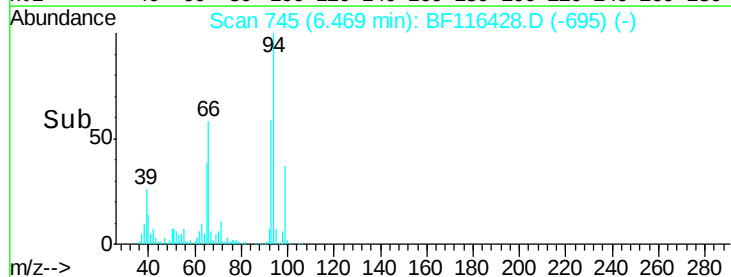
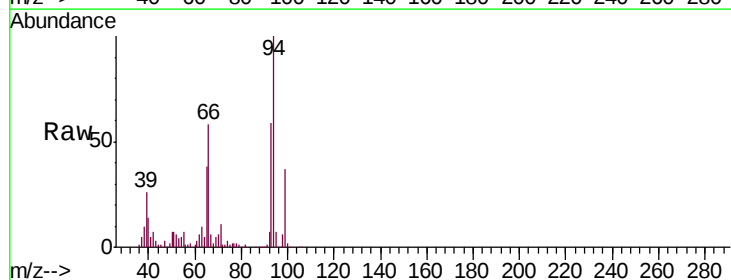
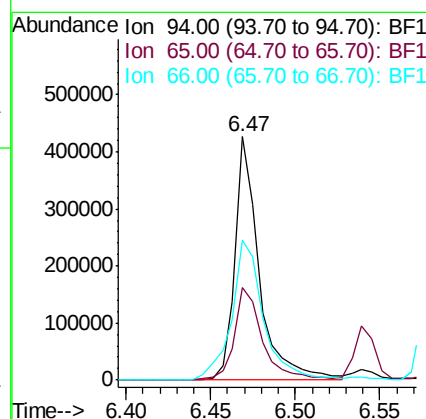
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#10
Phenol
Concen: 41.106 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	424532		
65	38.2	16.8	56.8	
66	57.7	34.2	74.2	





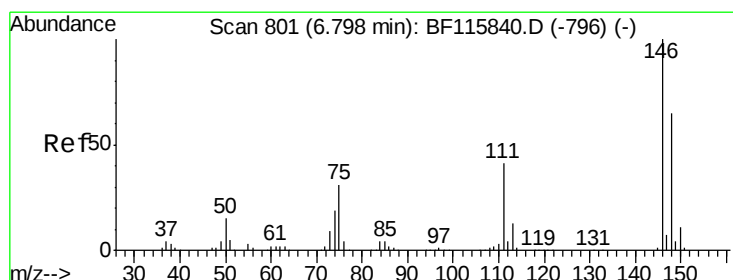
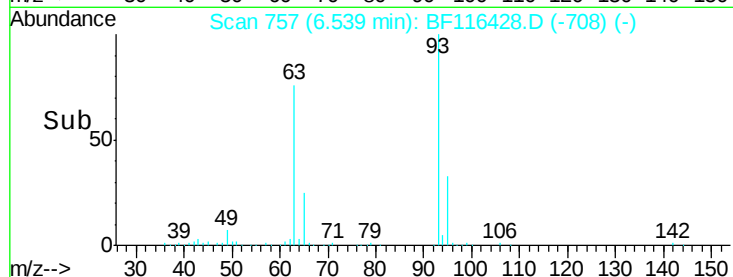
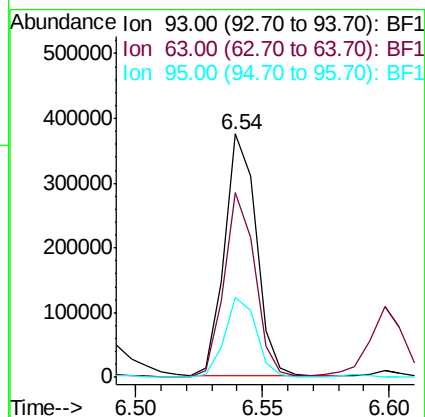
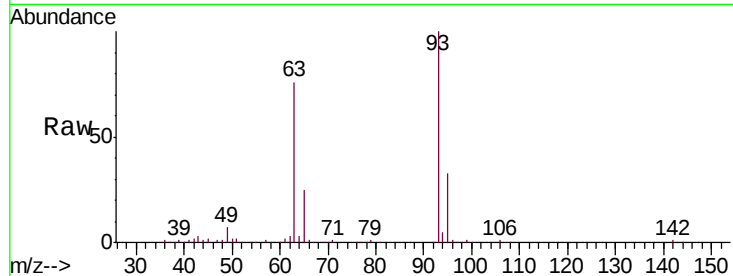
#11
 bis(2-Chloroethyl)ether
 Concen: 43.026 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BSD

Tgt Ion:	93	Resp:	326697
Ion	Ratio	Lower	Upper
93	100		
63	75.9	51.9	91.9
95	32.8	13.0	53.0

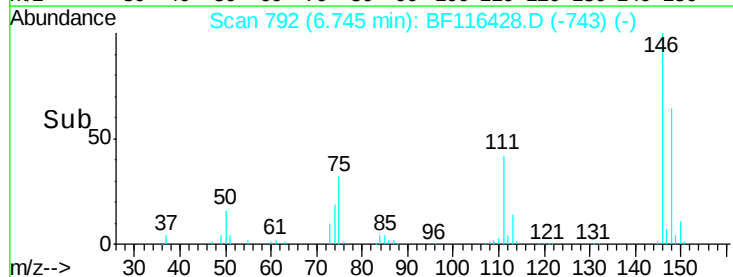
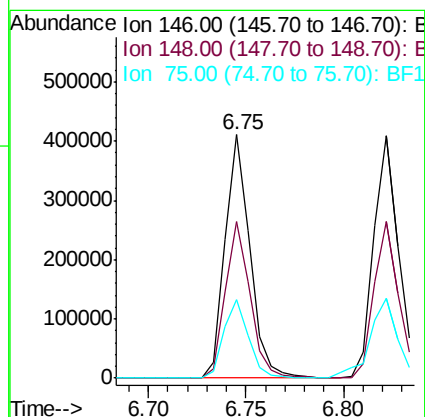
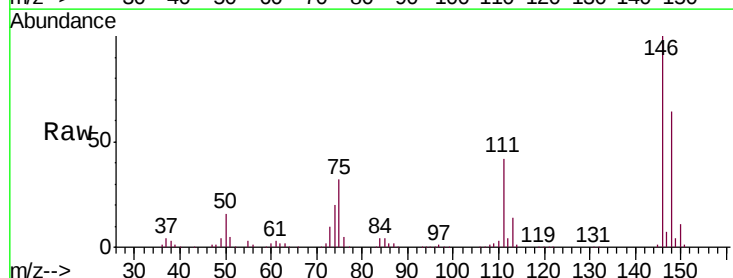
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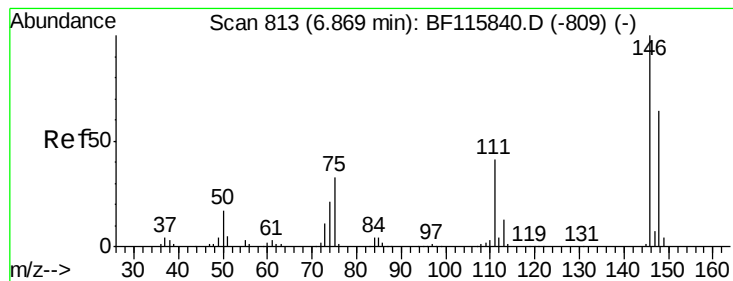
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#12
 1,3-Dichlorobenzene
 Concen: 40.997 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Tgt Ion:	146	Resp:	364192
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.3	76.9
75	32.4	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 42.318 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Instrument :

BNA_F

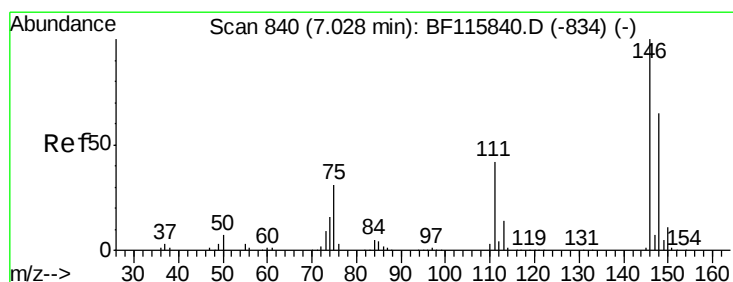
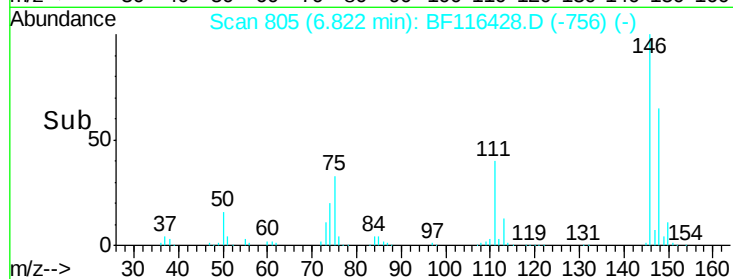
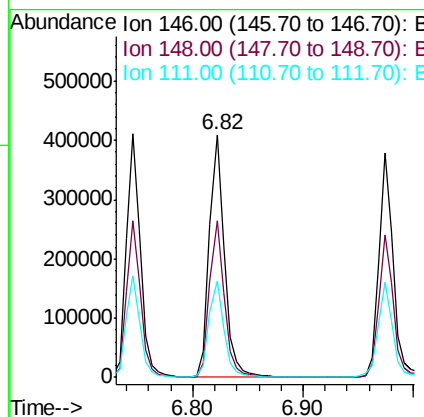
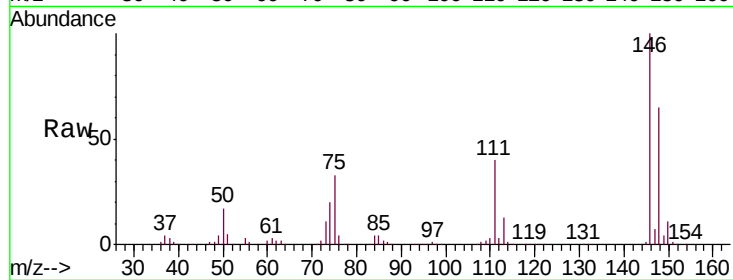
ClientSampled :

PB122210BSD

Tgt Ion:	146	Resp:	376401
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.3	76.9
111	39.9	34.0	51.0

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#14

1,2-Dichlorobenzene

Concen: 42.219 ng

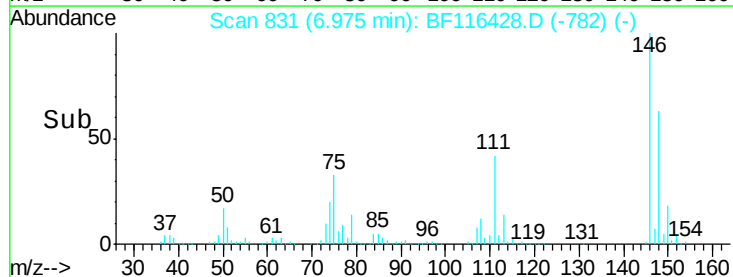
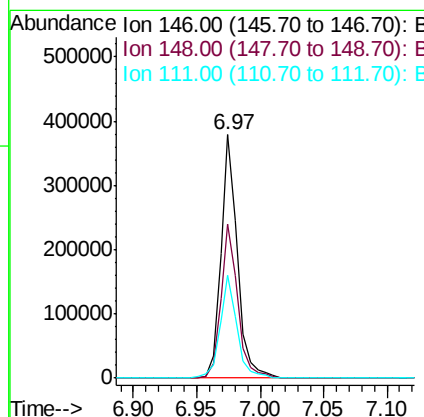
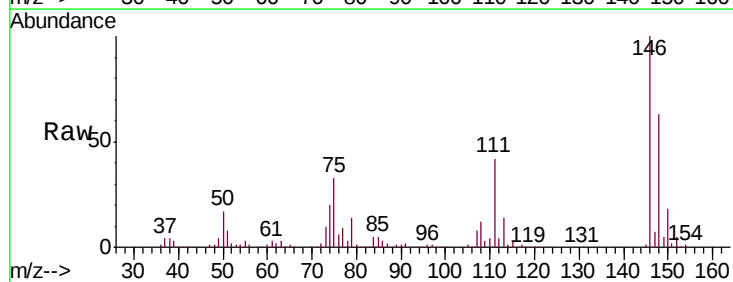
RT: 6.97 min Scan# 831

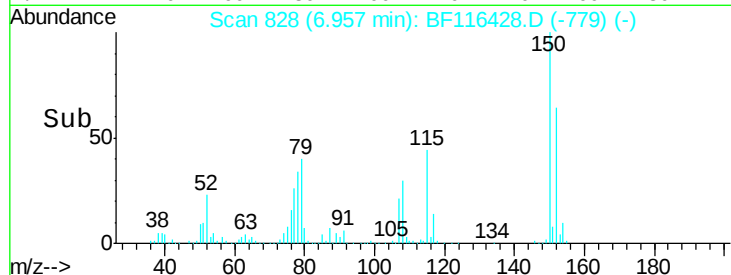
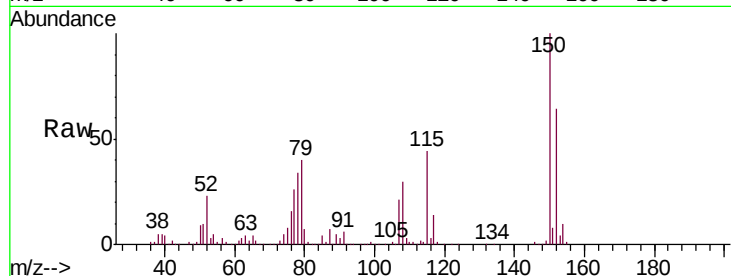
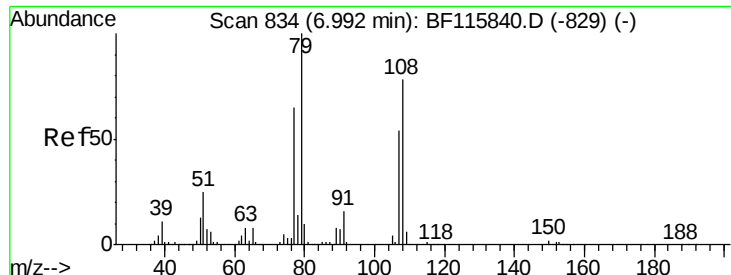
Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Tgt Ion:	146	Resp:	345775
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.2	76.8
111	42.4	33.5	50.3





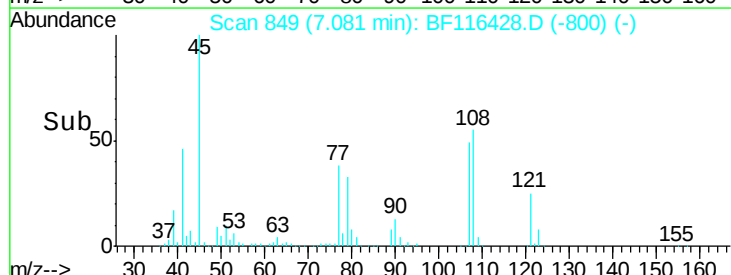
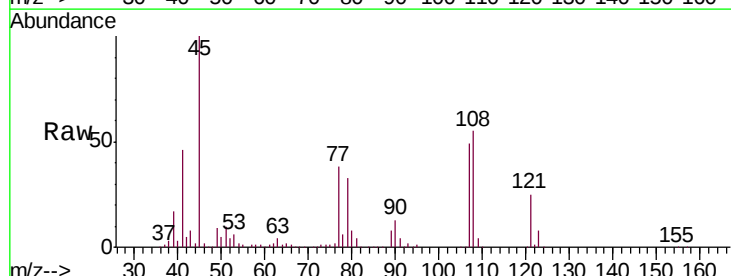
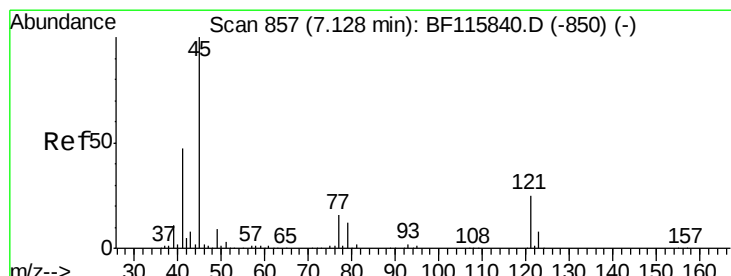
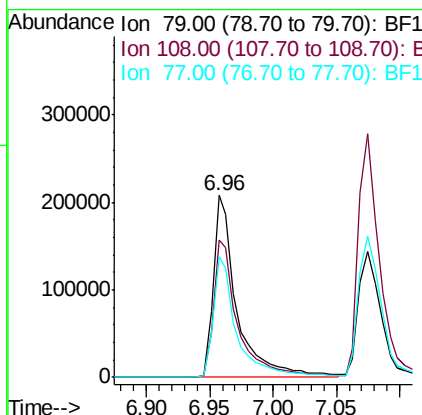
#15
Benzyl Alcohol
Concen: 41.201 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	274216		
108	75.3	62.7	94.1	
77	66.2	52.2	78.2	

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

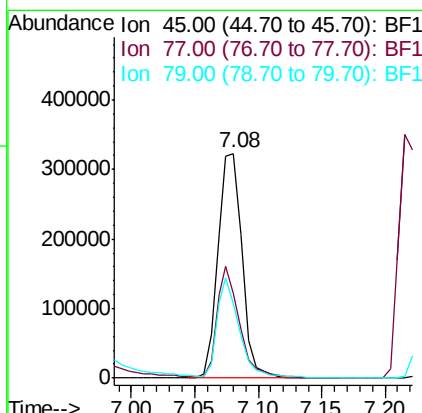
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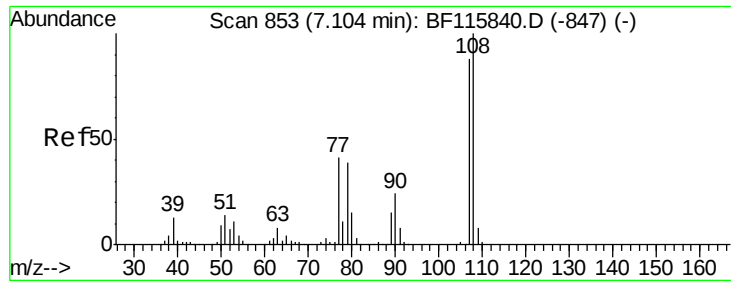
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.412 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

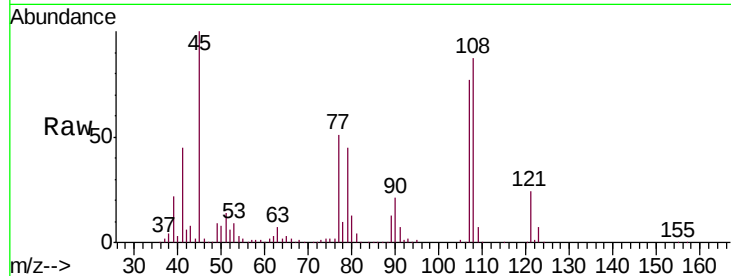
Tgt Ion	Ratio	Resp	Lower	Upper
45	100	428901		
77	38.1	0.0	40.0	
79	33.4	0.0	35.9	





#17
2-Methylphenol
Concen: 43.044 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

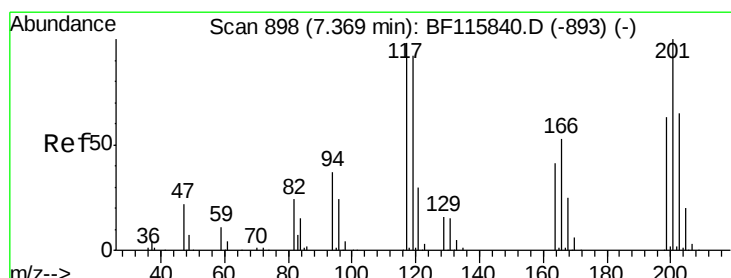
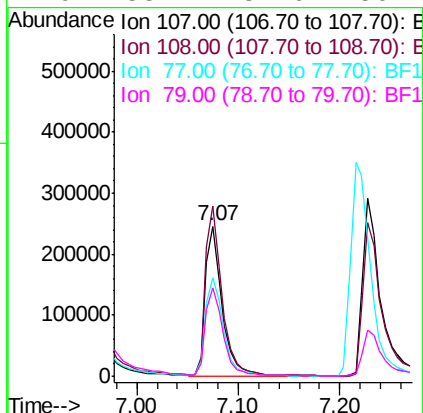
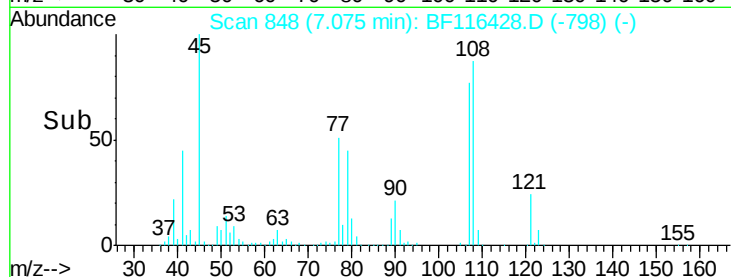
Instrument :
BNA_F
ClientSampleId :
PB122210BSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	280155		
108	112.9	91.2	136.8	
77	65.4	40.3	60.5	
79	58.7	37.6	56.4	

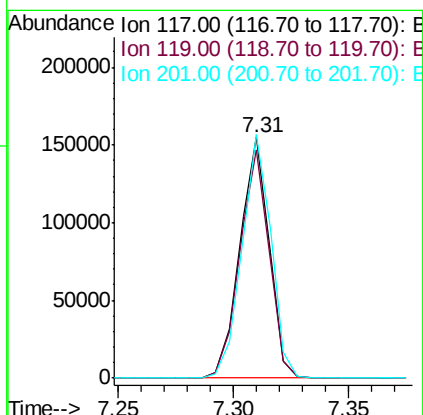
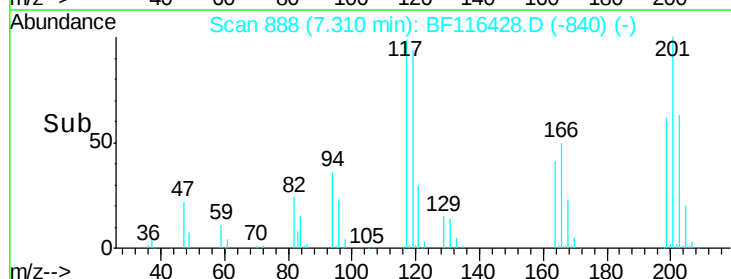
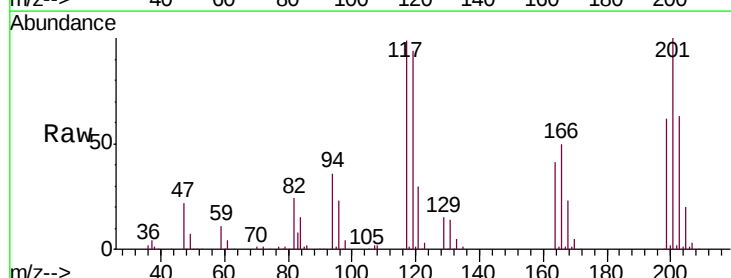
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#18
Hexachloroethane
Concen: 41.745 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	136704		
119	94.9	76.1	114.1	
201	101.1	77.0	115.4	





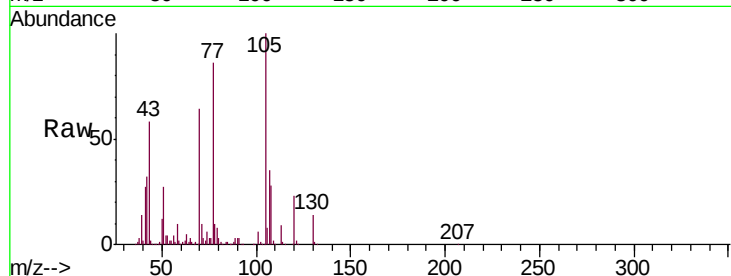
#19
n-Nitroso-di-n-propylamine
Concen: 44.162 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.7	40.9	61.3
101	10.0	7.9	11.9
130	21.8	16.9	25.3

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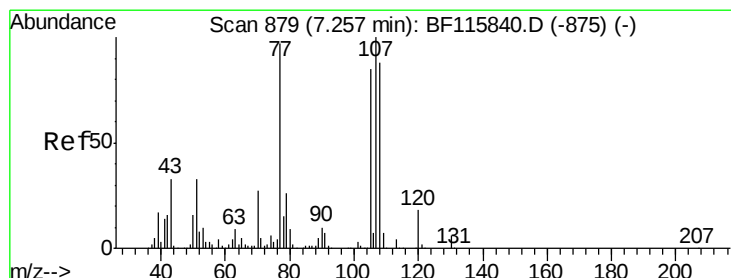
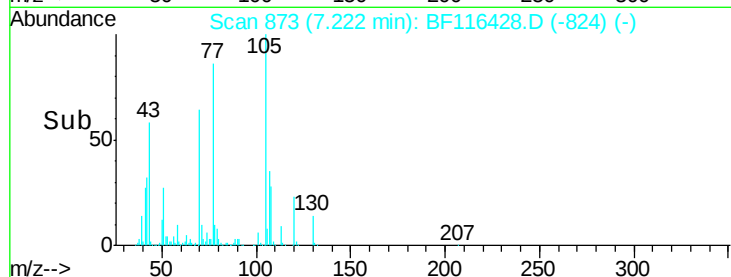
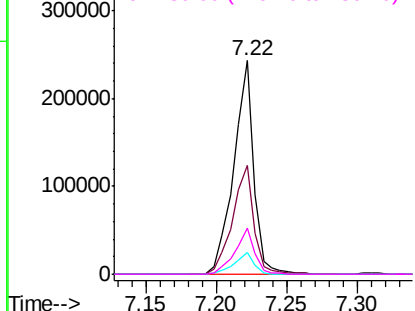
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 48.303 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	67.6	107.6
77	77.2	104.4	144.4#
79	26.0	7.4	47.4

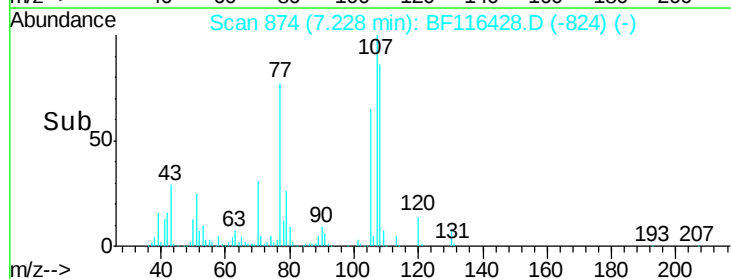
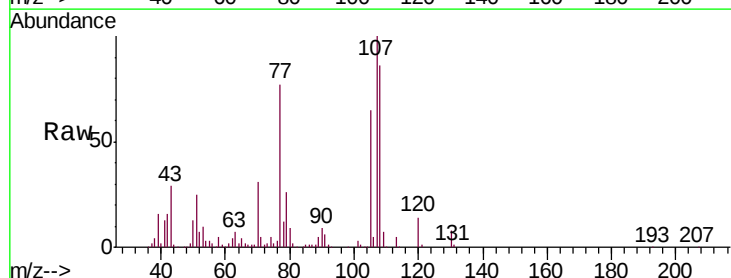
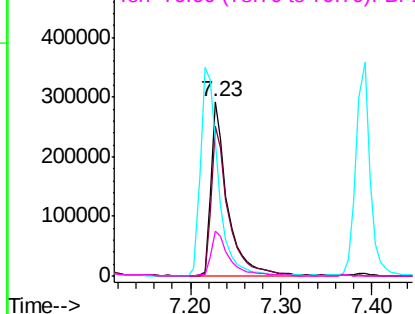
Abundance

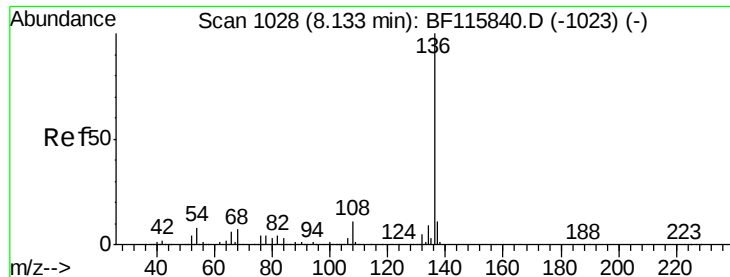
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





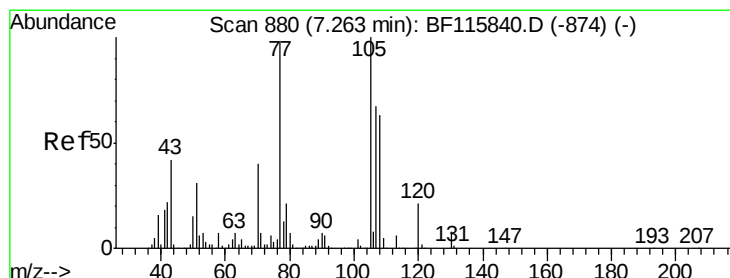
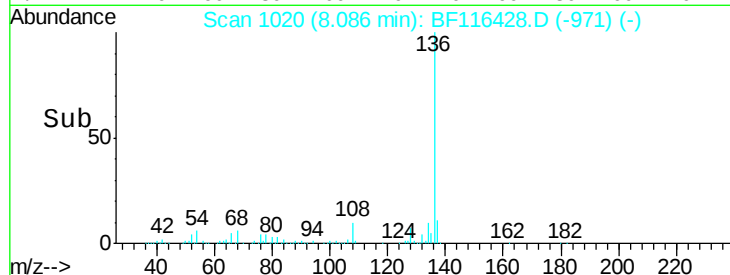
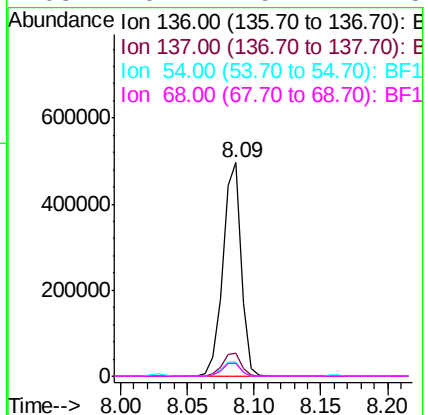
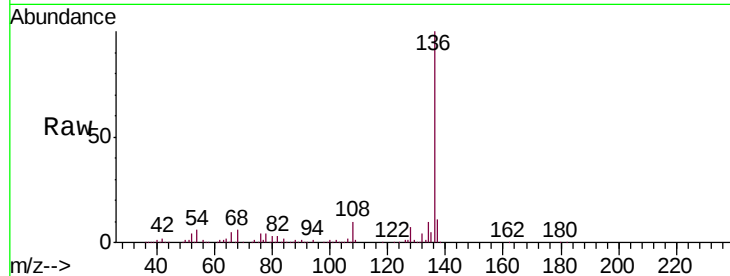
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	481695		
137	10.7	9.0	13.4	
54	6.5	5.8	8.6	
68	6.1	5.2	7.8	

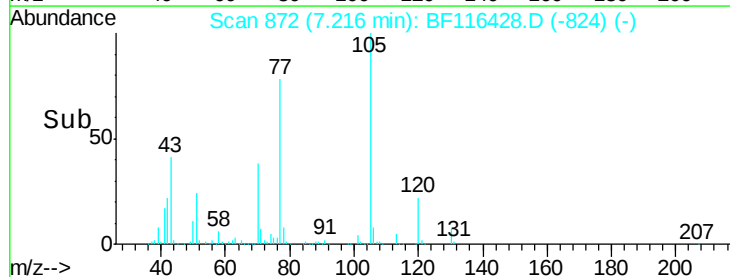
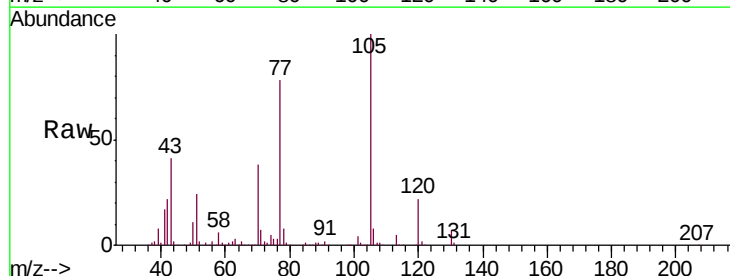
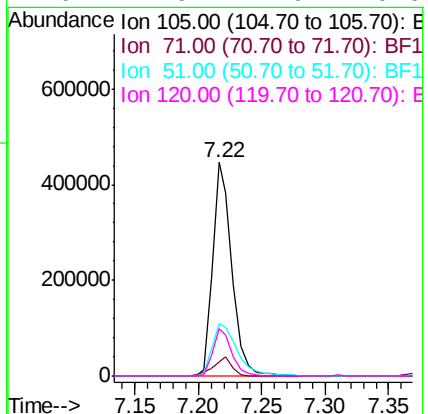
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#22
Acetophenone
Concen: 45.061 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	476033		
71	6.7	5.9	8.9	
51	24.4	25.3	37.9	
120	21.9	17.9	26.9	





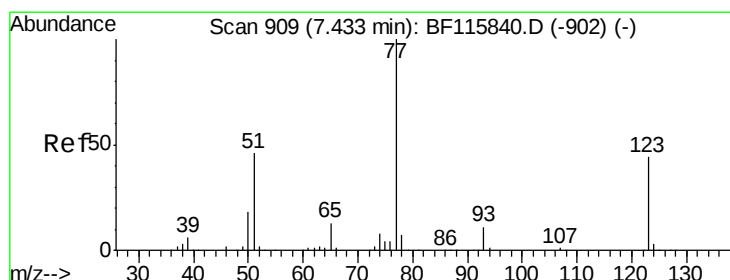
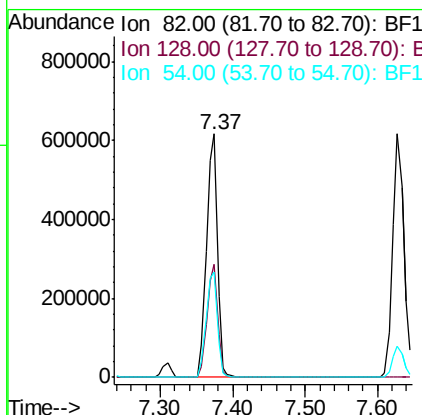
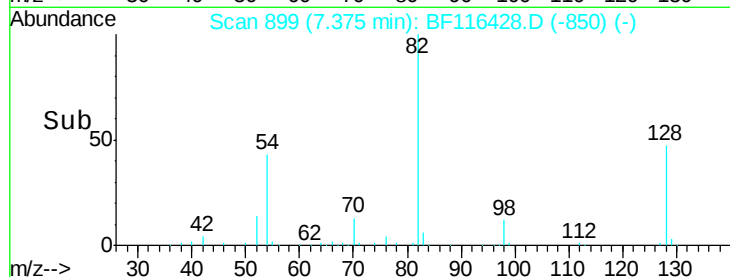
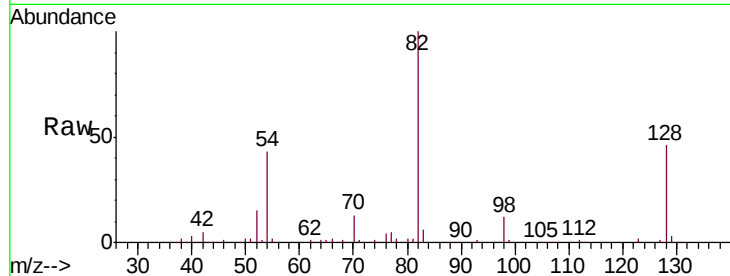
#23
Nitrobenzene-d5
Concen: 77.369 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	645635		
128	46.5	36.5	54.7	
54	43.3	36.0	54.0	

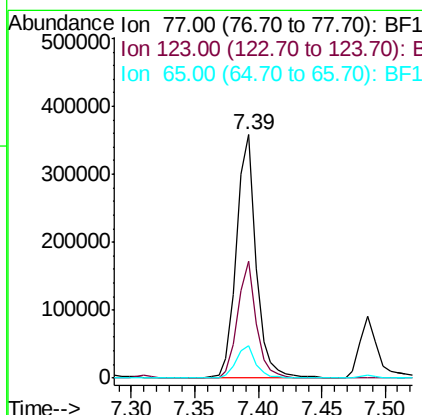
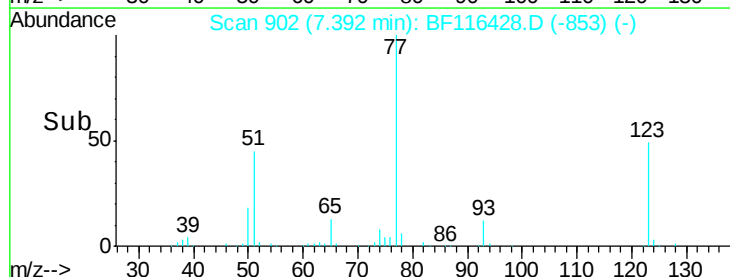
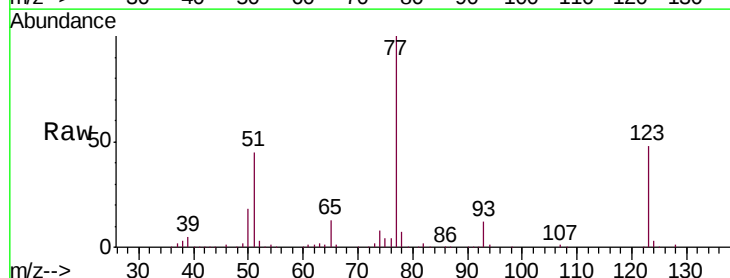
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#24
Nitrobenzene
Concen: 42.332 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	381440		
123	48.1	36.7	55.1	
65	13.2	10.6	16.0	





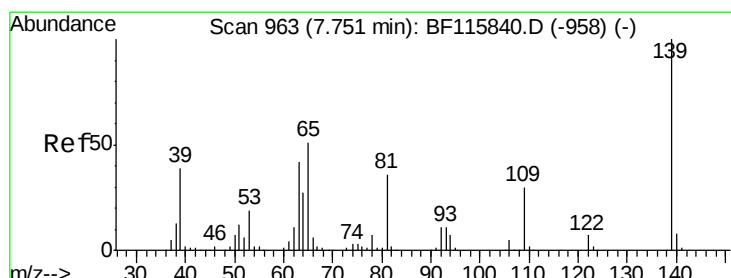
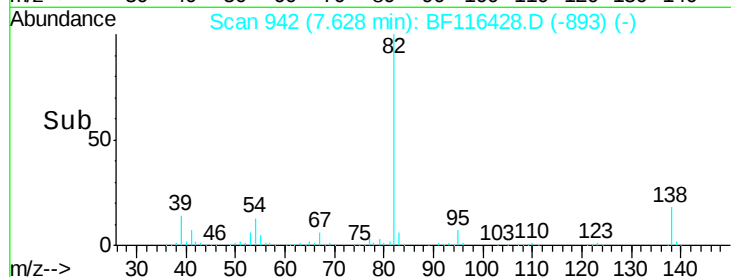
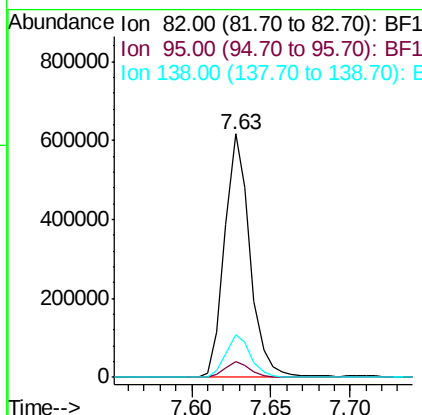
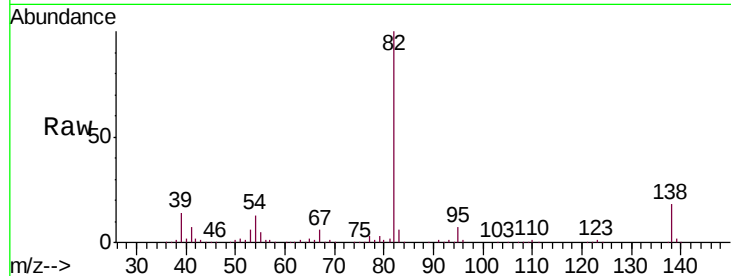
#25
Isophorone
Concen: 42.936 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	685121		
95	6.7	5.4	8.0	
138	17.7	14.5	21.7	

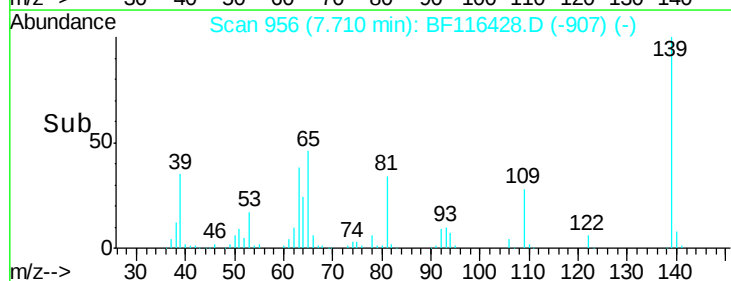
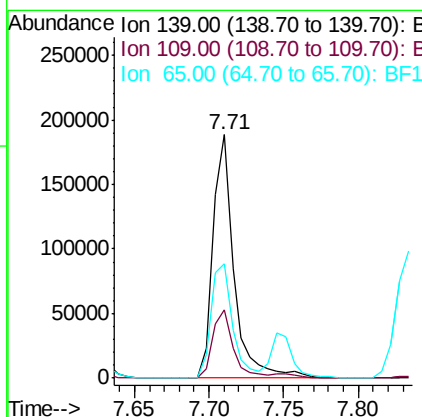
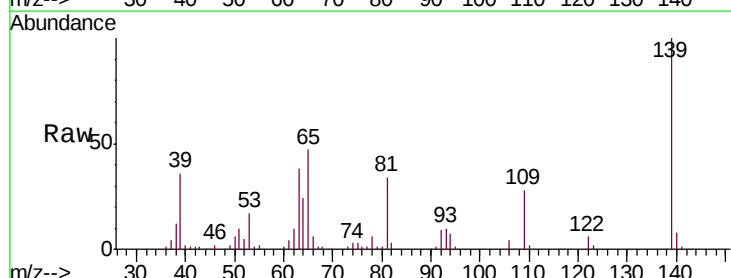
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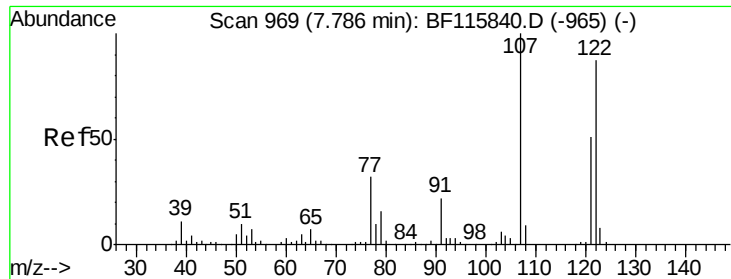
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#26
2-Nitrophenol
Concen: 43.547 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	184961		
109	27.9	23.4	35.2	
65	46.7	41.1	61.7	





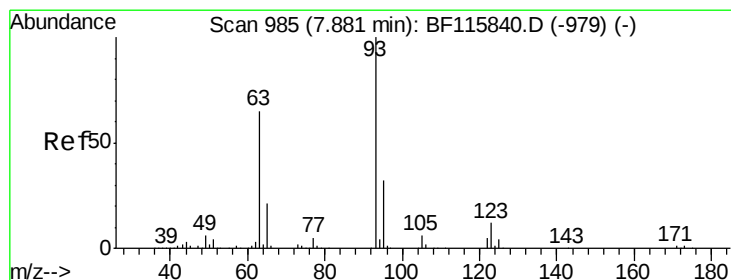
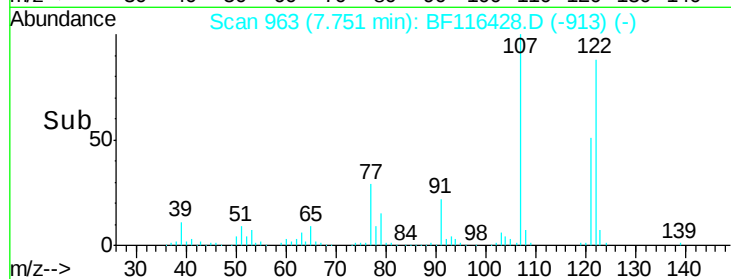
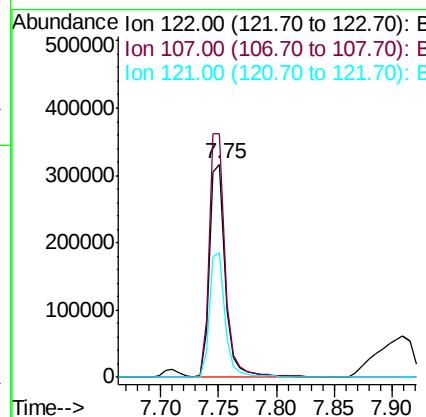
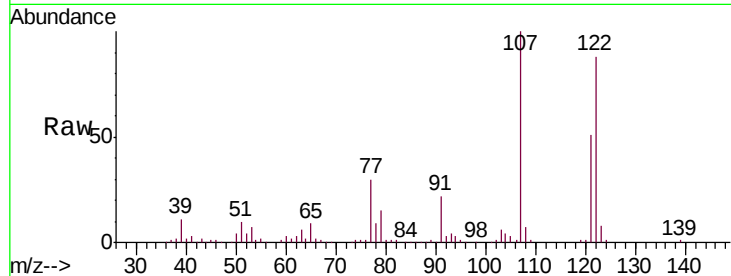
#27
 2,4-Dimethylphenol
 Concen: 47.518 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	303646		
107	114.1	93.0	139.6	
121	58.4	47.6	71.4	

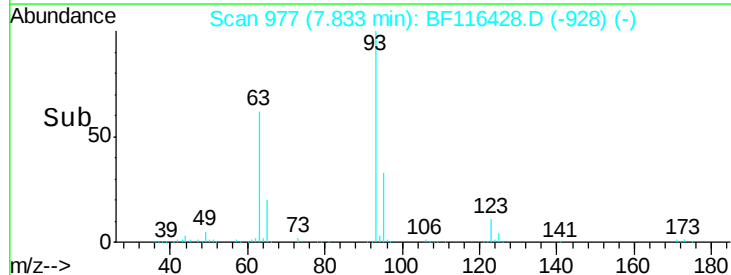
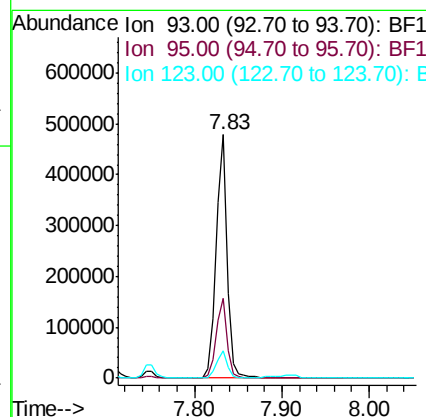
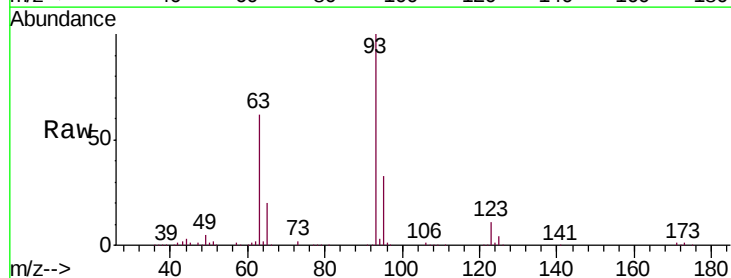
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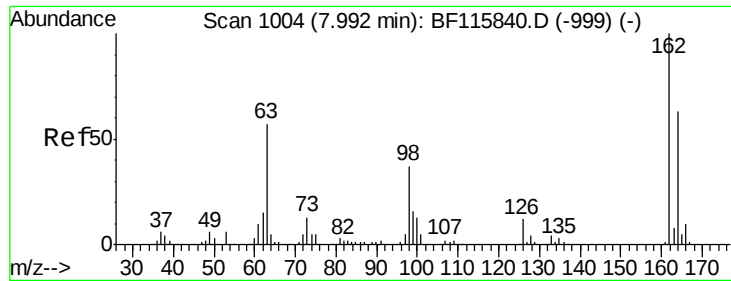
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.498 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	420319		
95	32.6	26.2	39.4	
123	11.3	9.2	13.8	





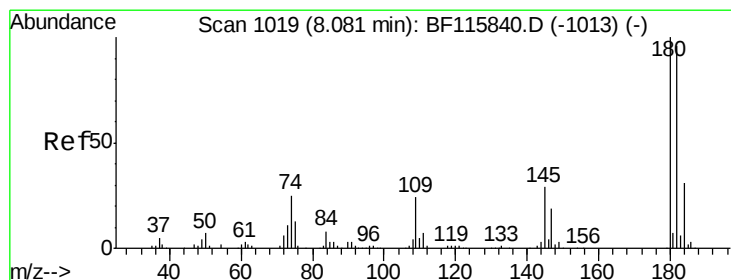
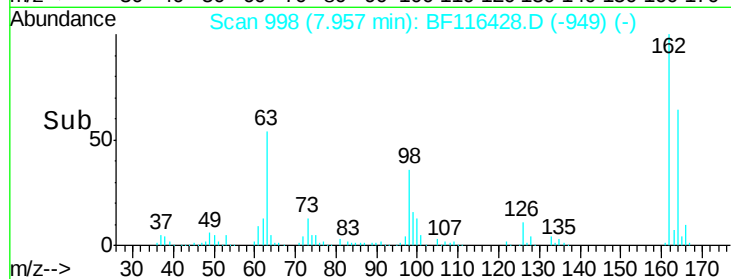
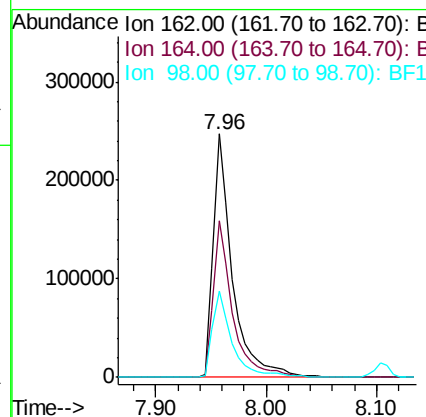
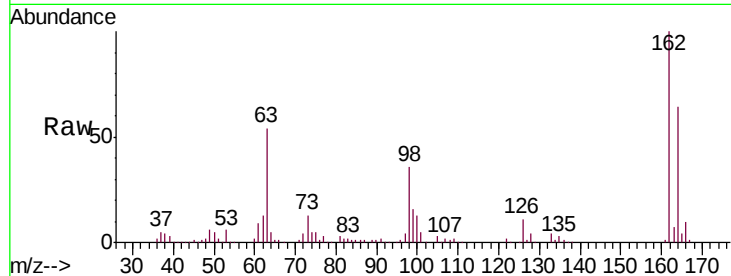
#29
2,4-Dichlorophenol
Concen: 43.227 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion:	162	Resp:	291661
Ion Ratio	Lower	Upper	
162	100		
164	64.1	45.1	85.1
98	35.5	15.8	55.8

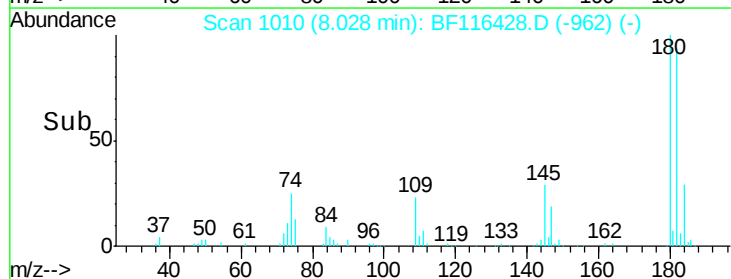
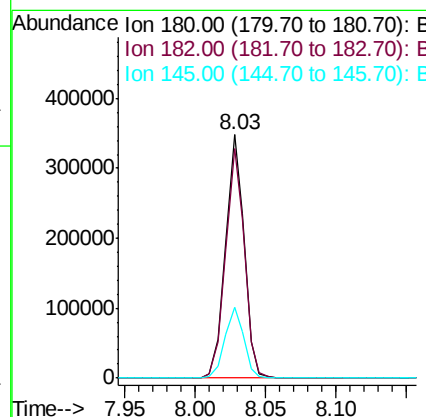
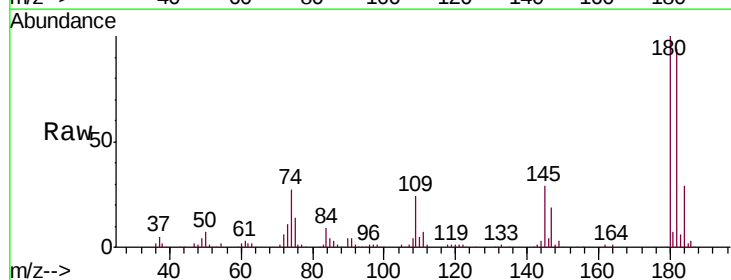
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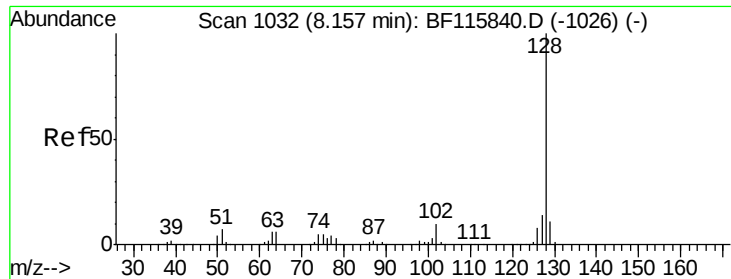
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#30
1,2,4-Trichlorobenzene
Concen: 41.502 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion:	180	Resp:	319200
Ion Ratio	Lower	Upper	
180	100		
182	94.1	75.7	113.5
145	29.0	24.3	36.5





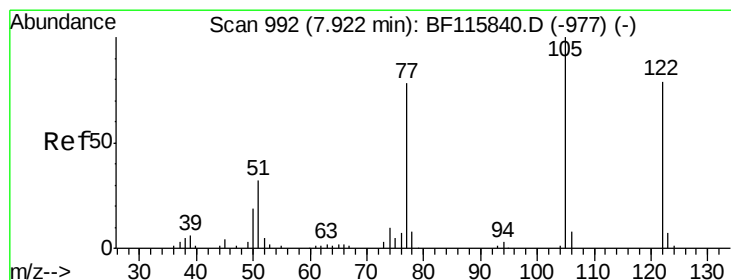
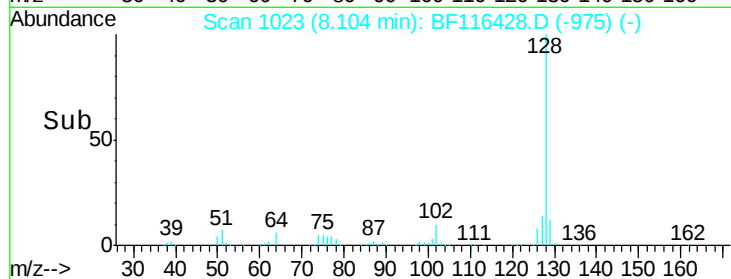
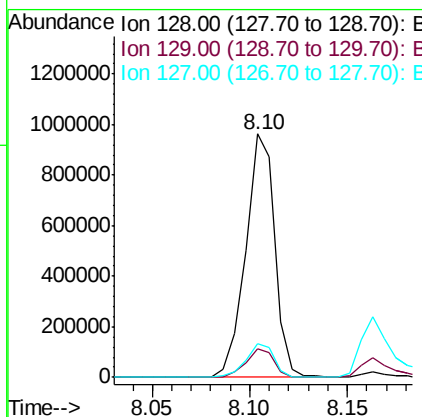
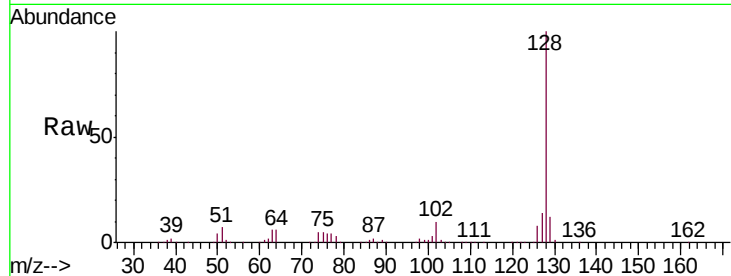
#31
Naphthalene
Concen: 43.835 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	993631		
129	11.5	9.3	13.9	
127	13.6	11.4	17.0	

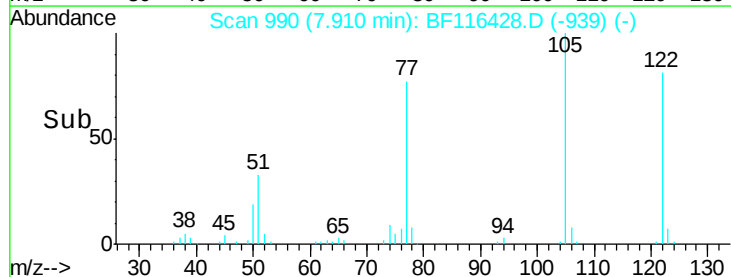
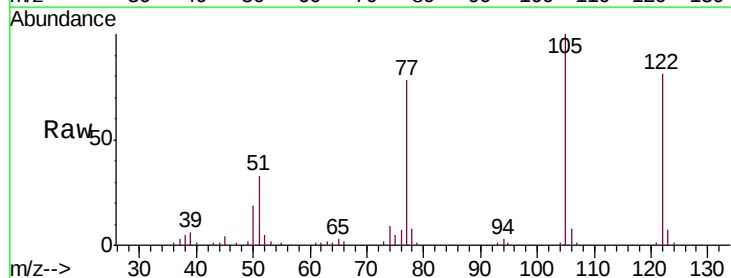
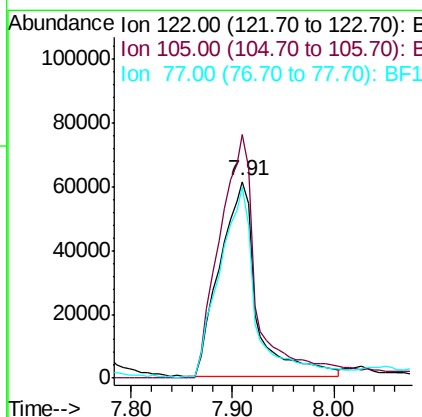
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#32
Benzoic acid
Concen: 34.319 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	154618		
105	124.0	106.1	146.1	
77	97.2	76.7	116.7	





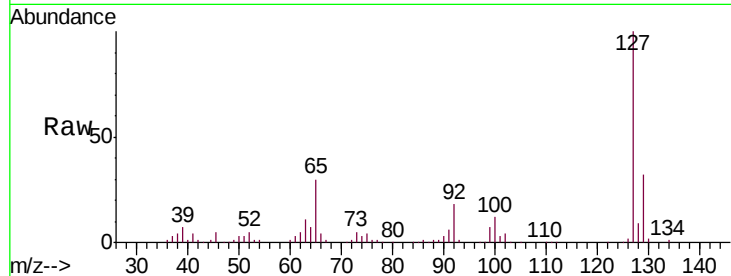
#33
4-Chloroaniline
Concen: 28.446 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

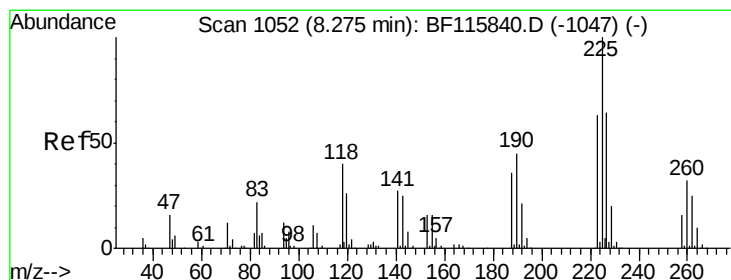
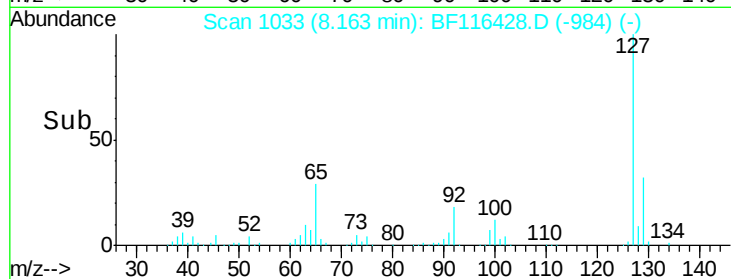
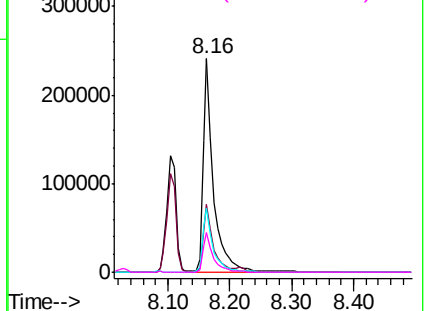
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	288103		
129	32.0	26.1	39.1	
65	29.8	24.9	37.3	
92	18.4	15.7	23.5	

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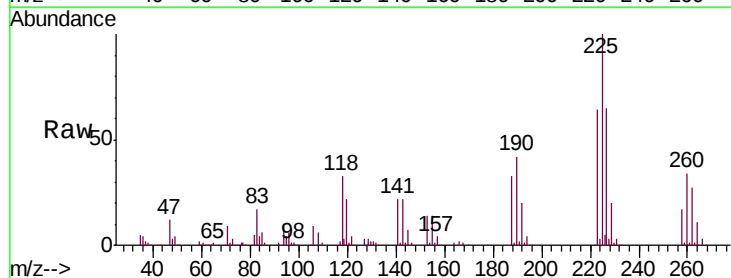


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

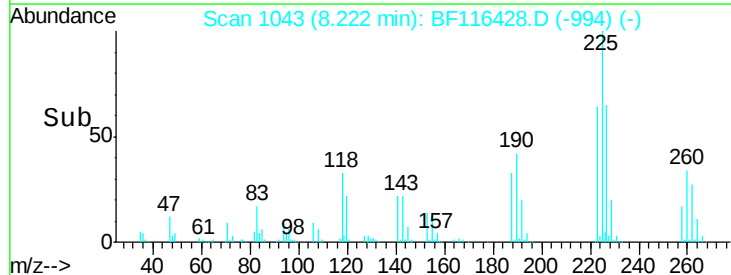
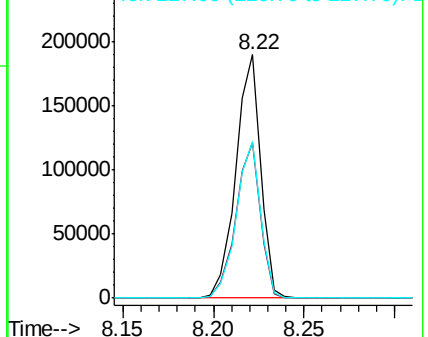


#34
Hexachlorobutadiene
Concen: 40.601 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	179863		
223	63.8	50.0	75.0	
227	64.5	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





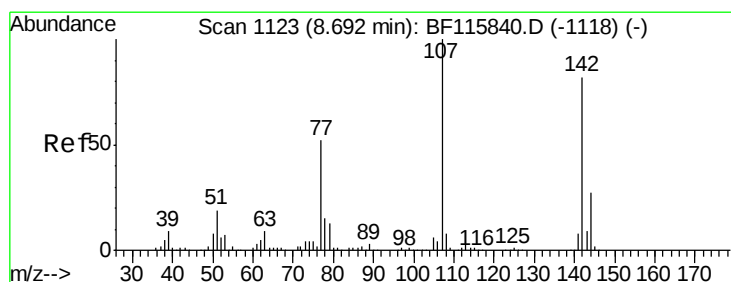
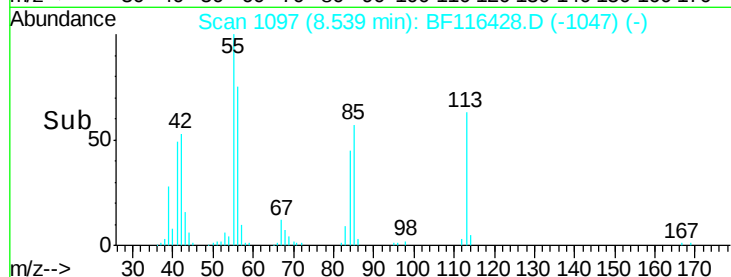
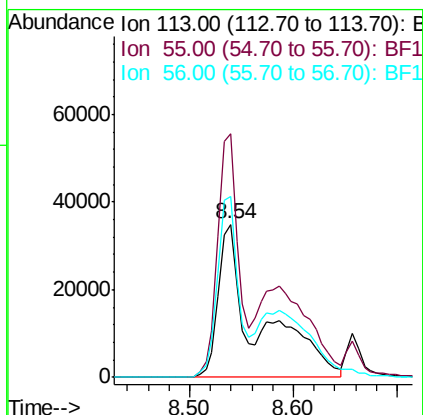
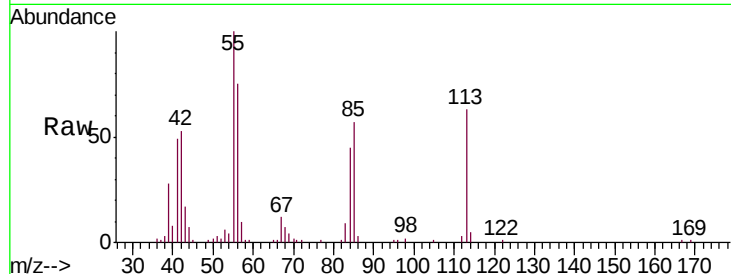
#35
 Caprolactam
 Concen: 41.976 ng m
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BSD

Tgt Ion:113 Resp: 91600
 Ion Ratio Lower Upper
 113 100
 55 159.2 144.3 184.3
 56 118.6 97.1 137.1

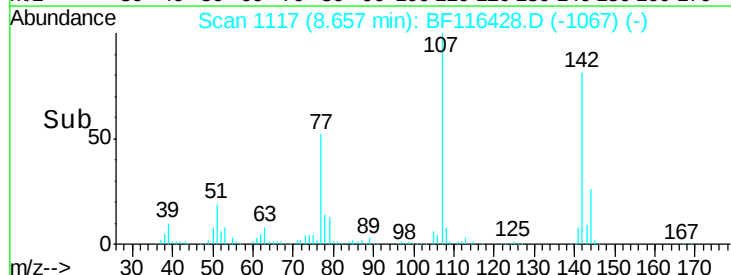
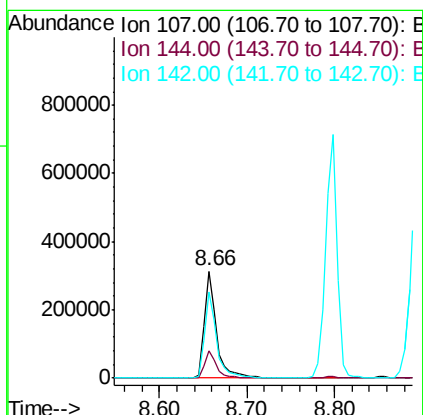
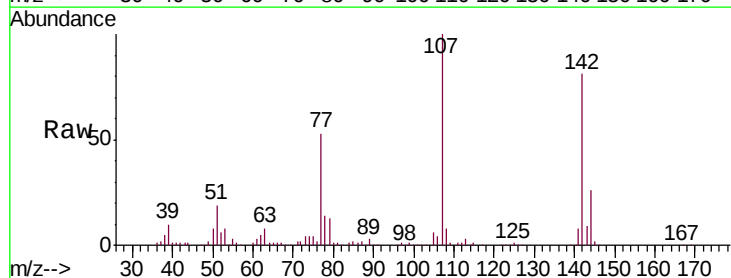
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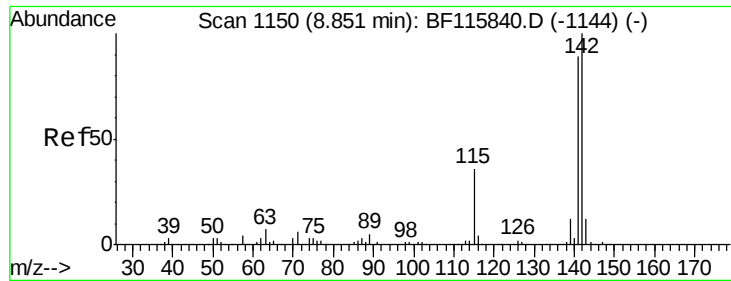
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#36
 4-Chloro-3-methylphenol
 Concen: 43.396 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Tgt Ion:107 Resp: 304603
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.2 30.2
 142 80.6 61.7 92.5





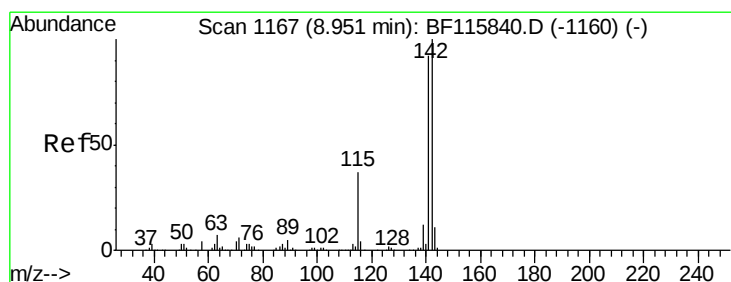
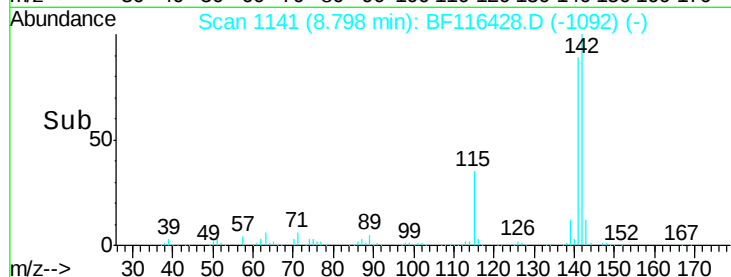
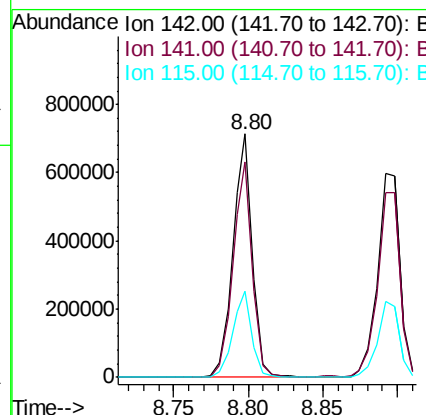
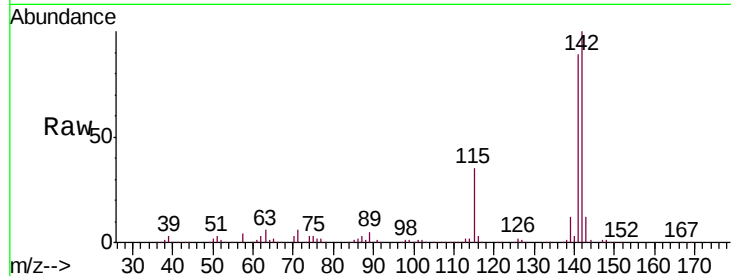
#37
2-Methylnaphthalene
Concen: 43.521 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3
115	35.3	29.0	43.6

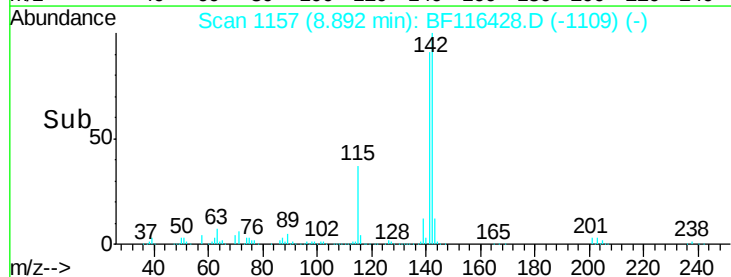
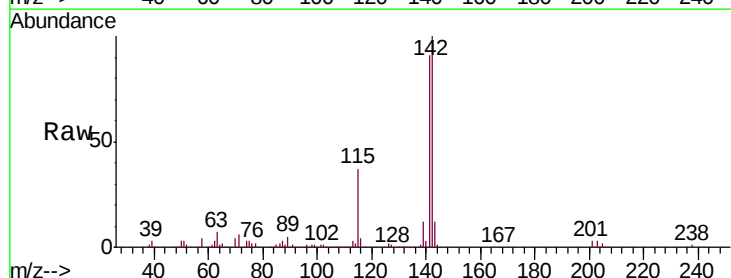
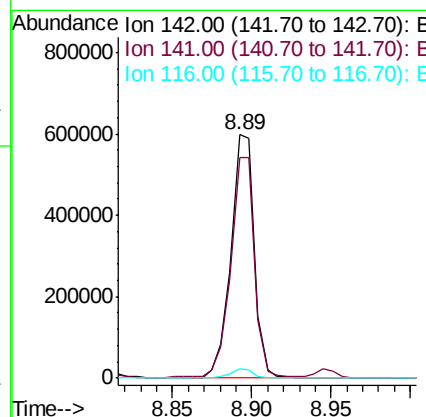
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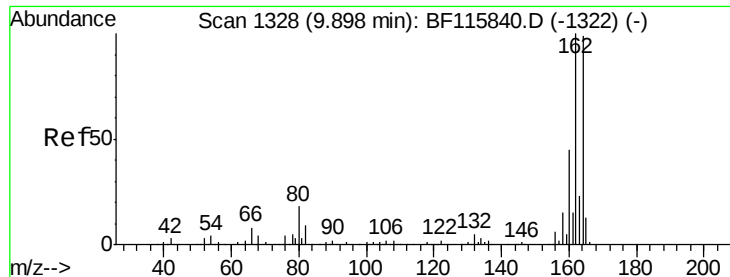
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#38
1-Methylnaphthalene
Concen: 43.242 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.4	111.6
116	4.0	3.1	4.7





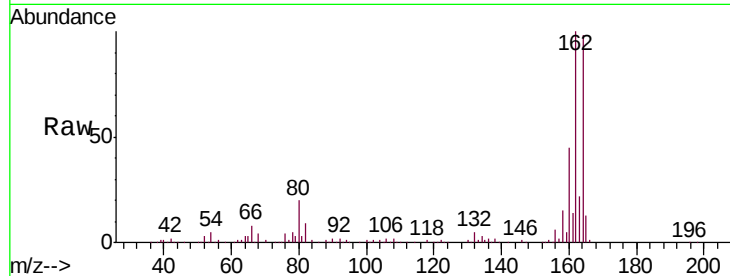
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

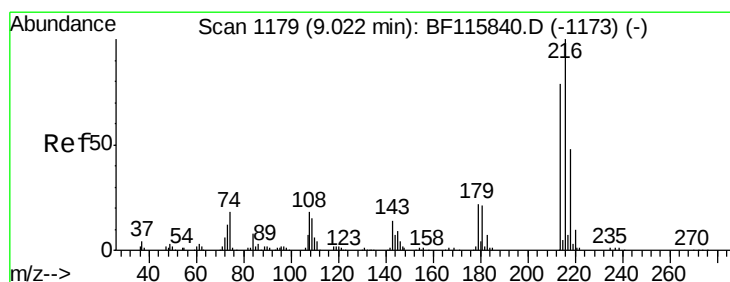
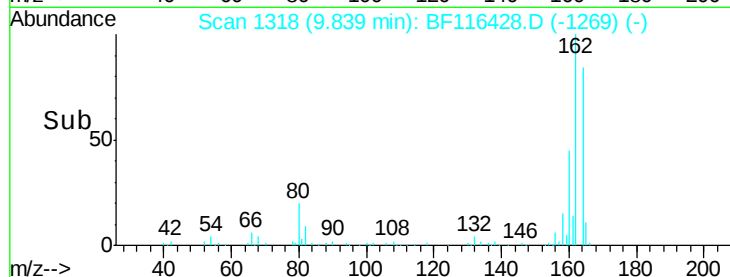
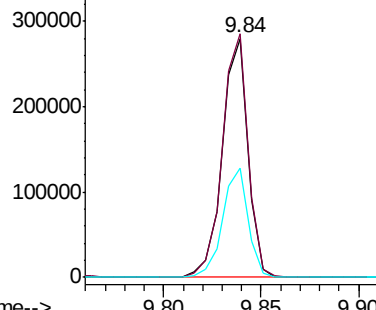
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	254901		
162	101.9	82.6	124.0	
160	46.0	37.6	56.4	

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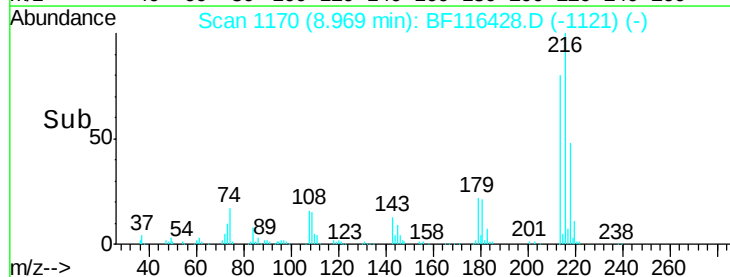
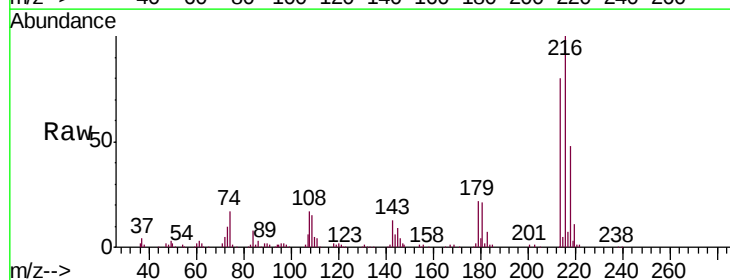
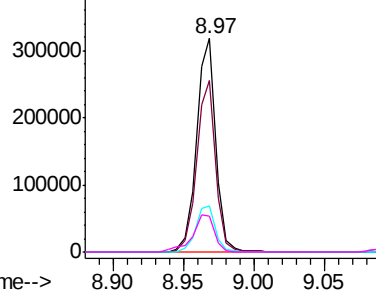
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

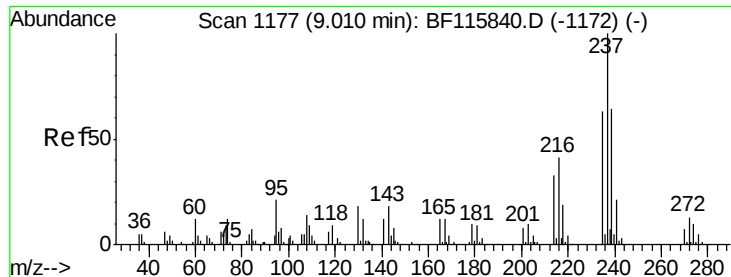


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.707 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	297843		
214	79.3	63.6	95.4	
179	22.3	17.8	26.8	
108	20.5	16.5	24.7	

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: 47.171 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Instrument :

BNA_F

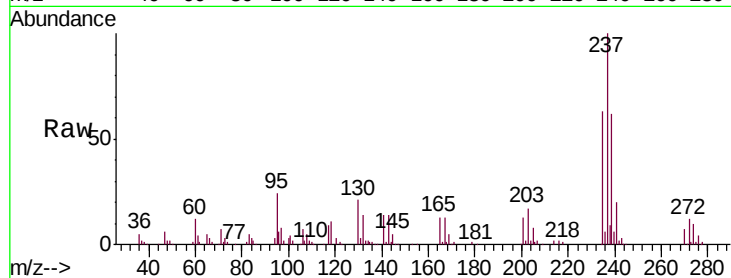
ClientSampleId :

PB122210BSD

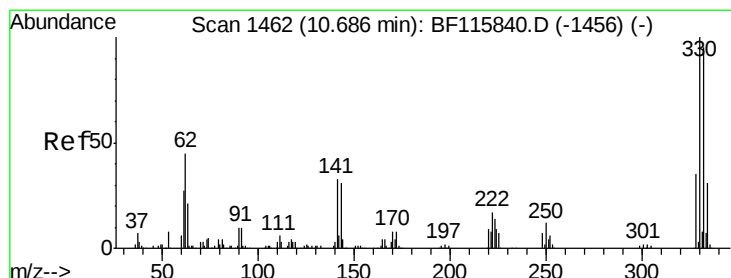
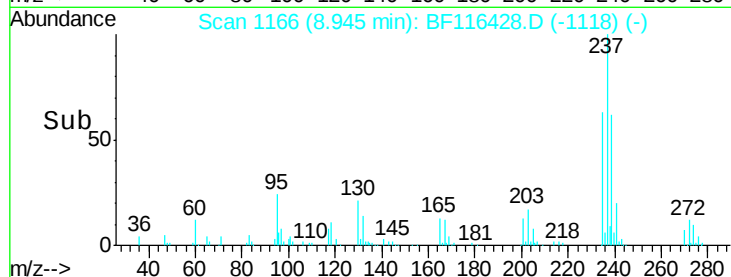
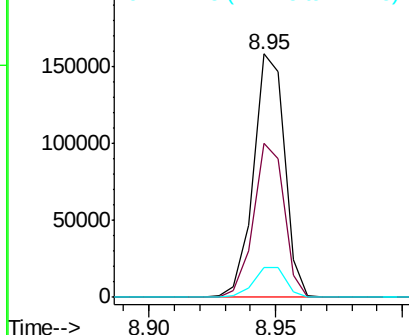
Tgt Ion:	237	Resp:	136278
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.4	83.4
272	12.2	0.0	33.2

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



#42

2,4,6-Tribromophenol

Concen: 109.408 ng

RT: 10.63 min Scan# 1453

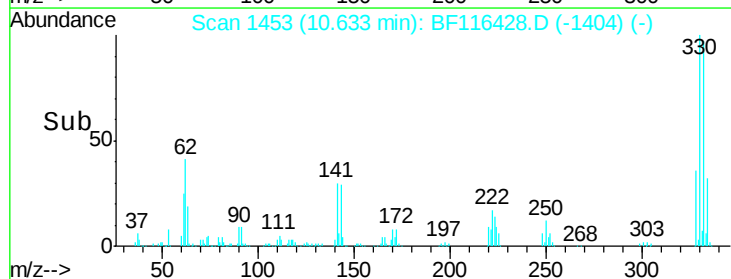
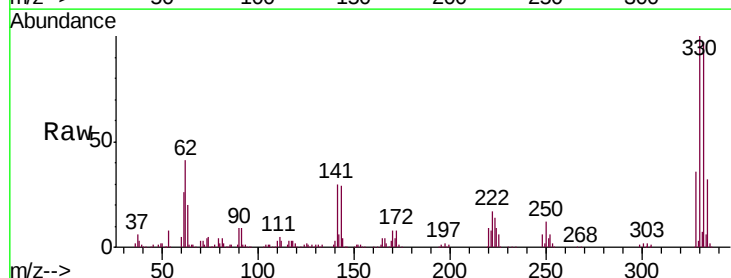
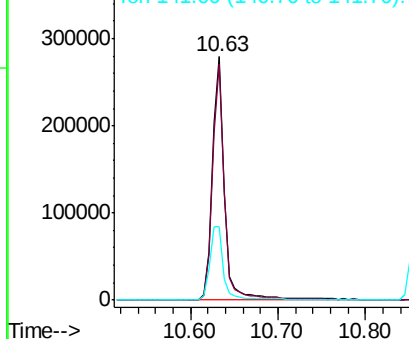
Delta R.T. -0.01 min

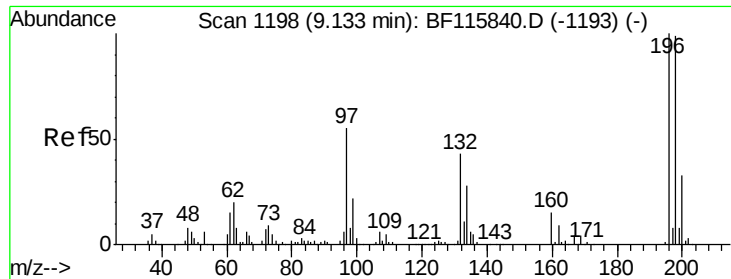
Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Tgt Ion:	330	Resp:	270383
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.8	115.2
141	33.5	26.3	39.5

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





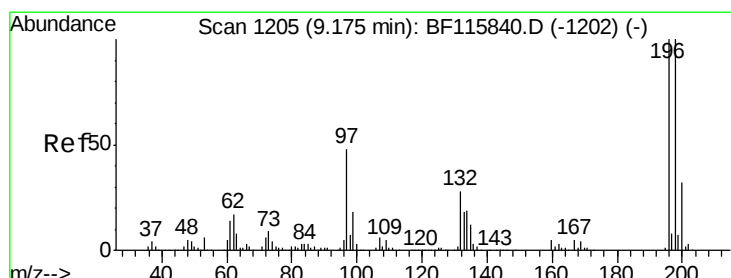
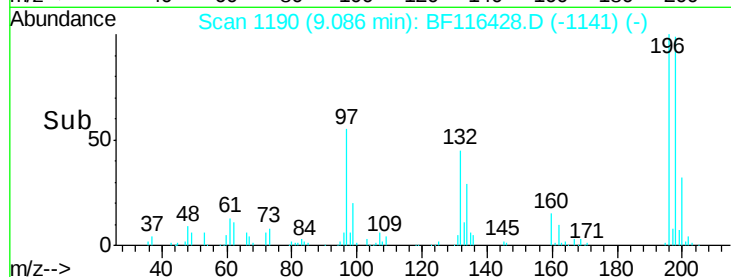
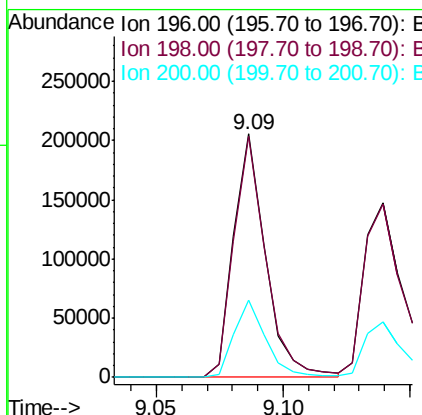
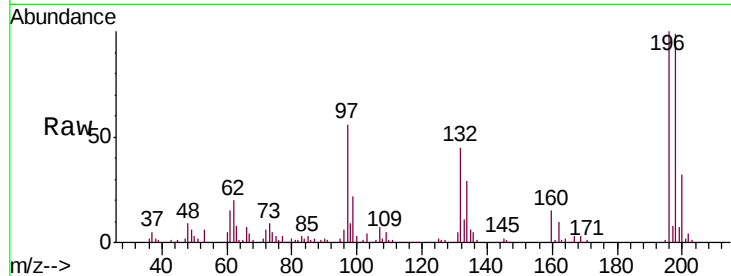
#43
 2,4,6-Trichlorophenol
 Concen: 38.544 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180791		
198	98.9	79.2	118.8	
200	31.6	25.2	37.8	

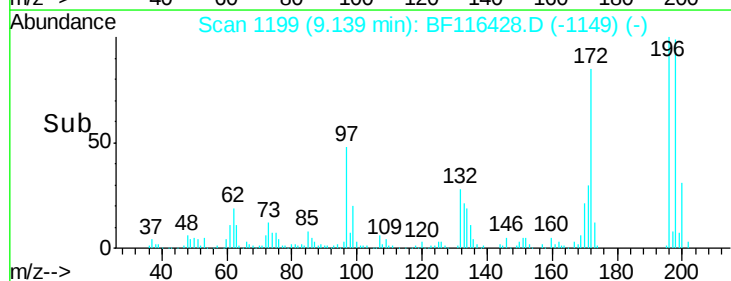
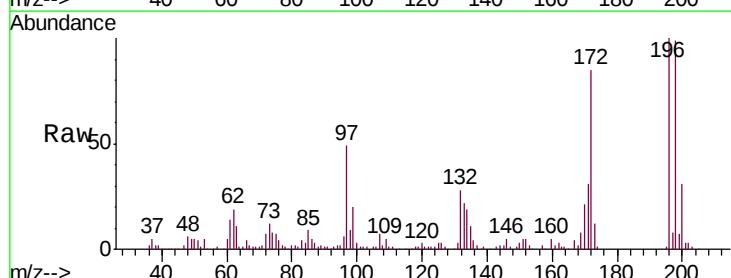
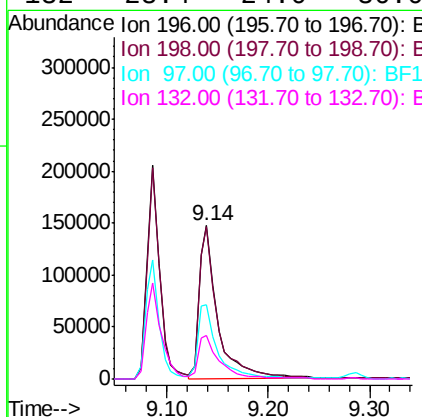
Manual Integrations
 APPROVED

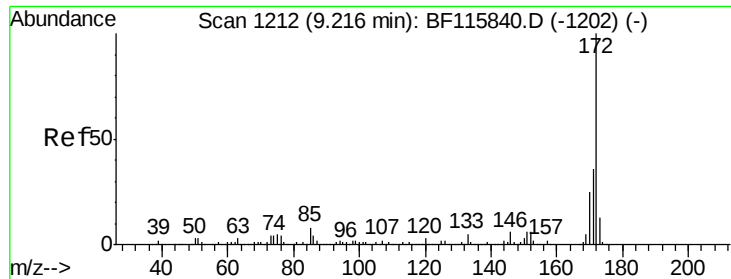
Jagrut
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#44
 2,4,5-Trichlorophenol
 Concen: 38.244 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185430		
198	99.3	78.8	118.2	
97	48.9	42.2	63.4	
132	28.4	24.0	36.0	





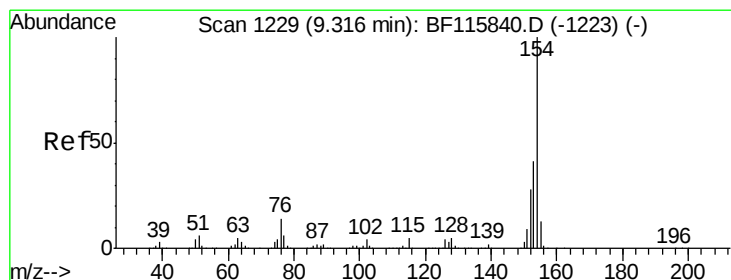
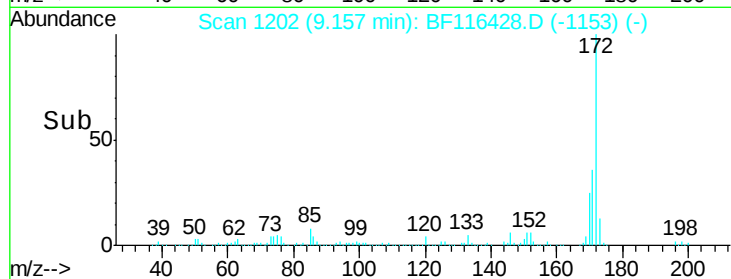
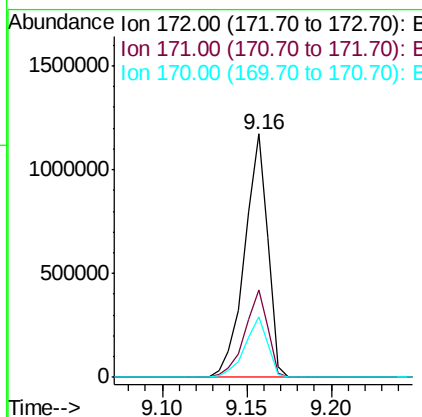
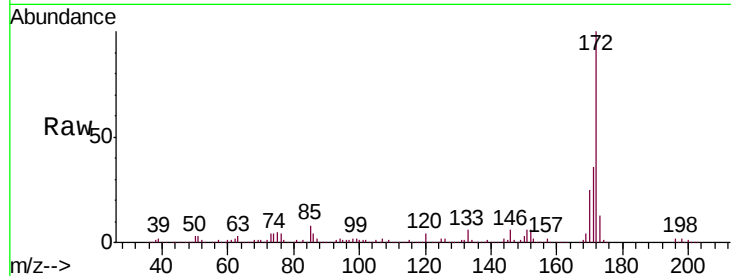
#45
2-Fluorobiphenyl
Concen: 82.707 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.9	20.1	30.1

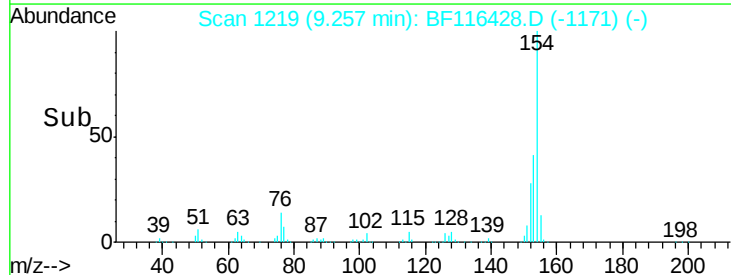
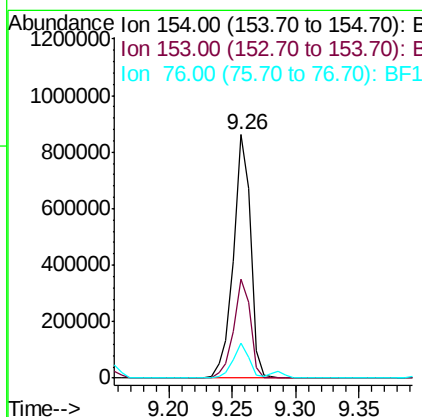
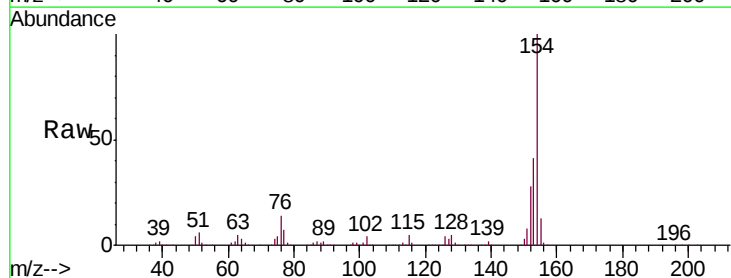
Manual Integrations
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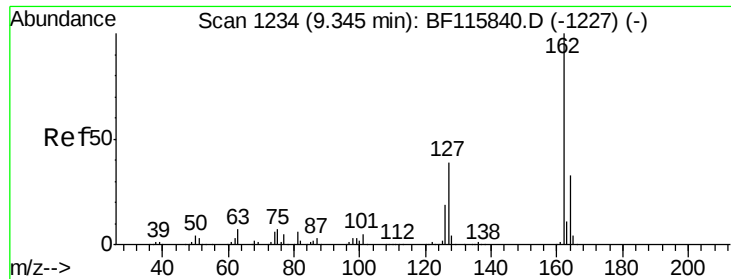
Jagrut
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#46
1,1'-Biphenyl
Concen: 44.267 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.4	61.4
76	14.4	0.0	35.2





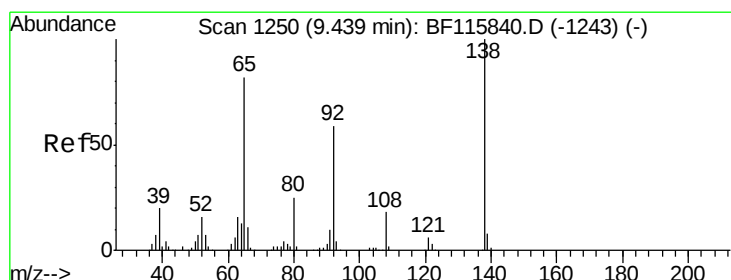
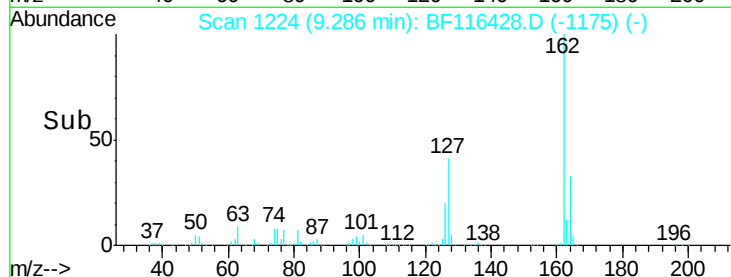
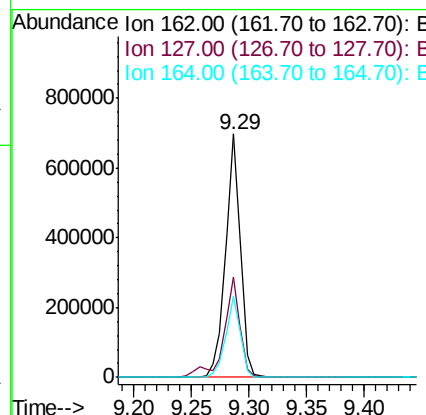
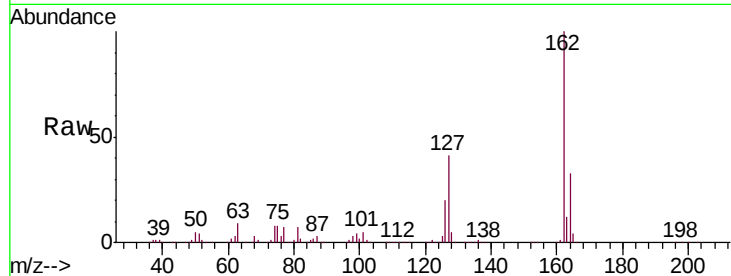
#47
 2-Chloronaphthalene
 Concen: 41.860 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	626973		
127	41.0	32.8	49.2	
164	33.3	26.6	39.8	

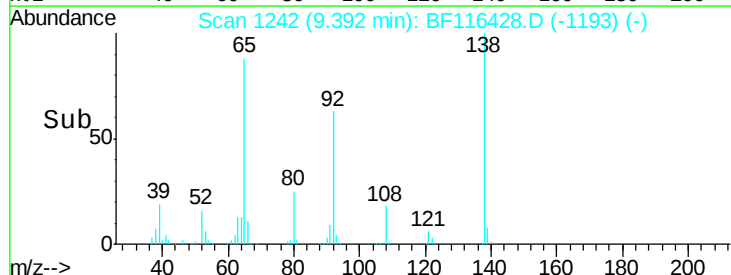
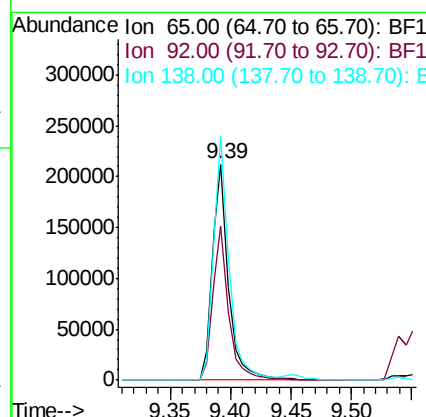
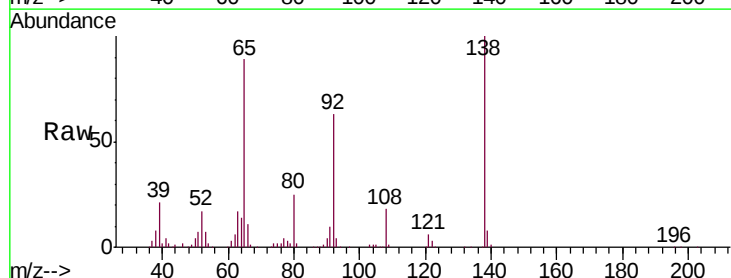
Manual Integrations
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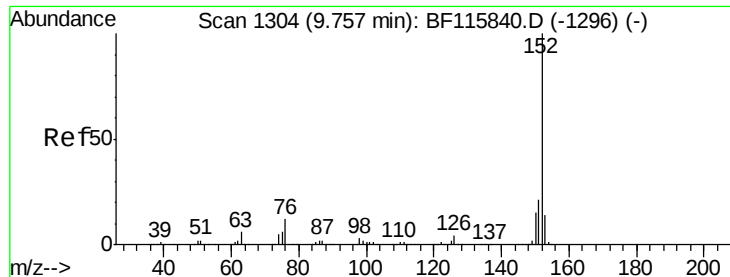
Jagrut
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#48
 2-Nitroaniline
 Concen: 39.616 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	196129		
92	71.1	57.8	86.8	
138	112.8	94.0	141.0	





#49

Acenaphthylene

Concen: 42.772 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Instrument :

BNA_F

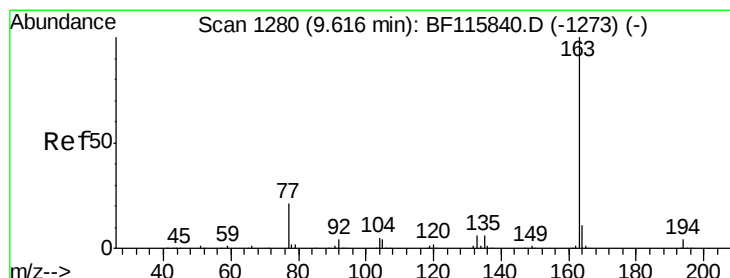
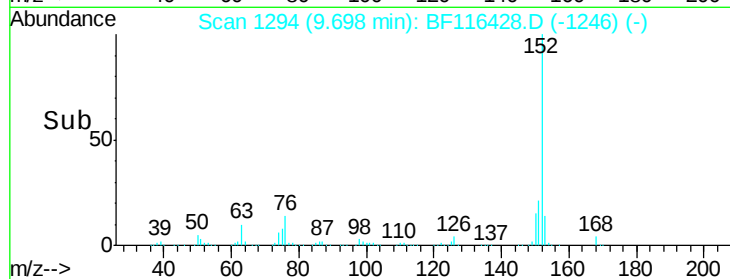
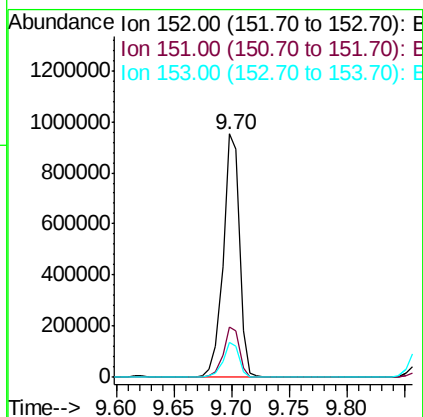
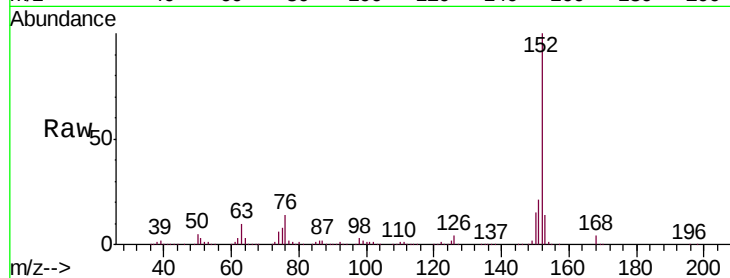
ClientSampleId :

PB122210BSD

Tgt Ion:	152	Resp:	934618
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.2	25.8
153	14.4	11.8	17.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.700 ng

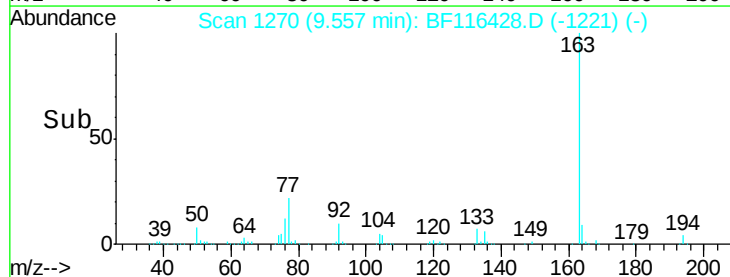
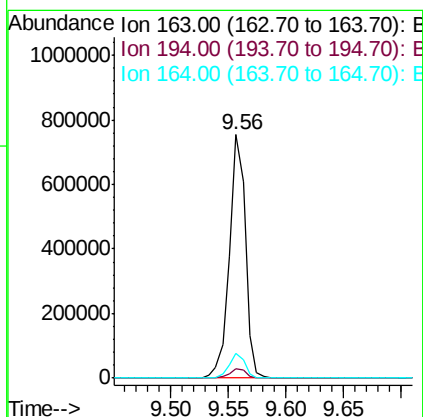
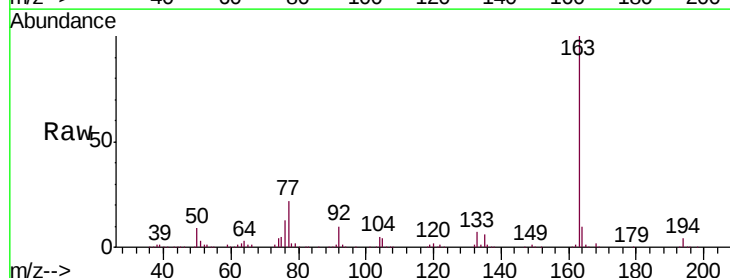
RT: 9.56 min Scan# 1270

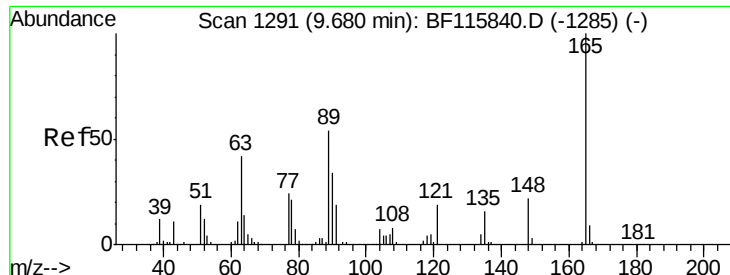
Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Tgt Ion:	163	Resp:	723739
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.0	4.6
164	10.4	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 43.322 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122210BSD

Tgt Ion:165 Resp: 163398
Ion Ratio Lower Upper

165 100

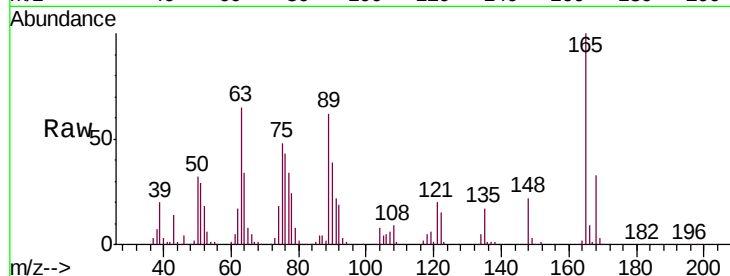
63 65.0 38.2 57.2#

89 62.3 42.9 64.3

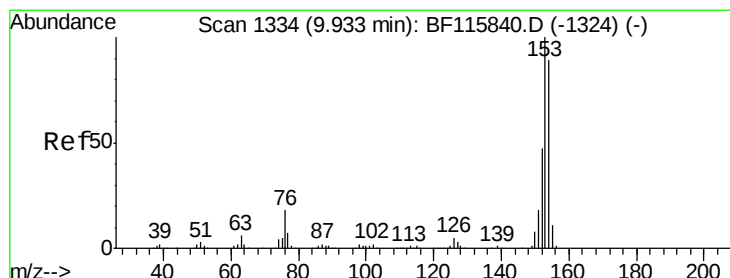
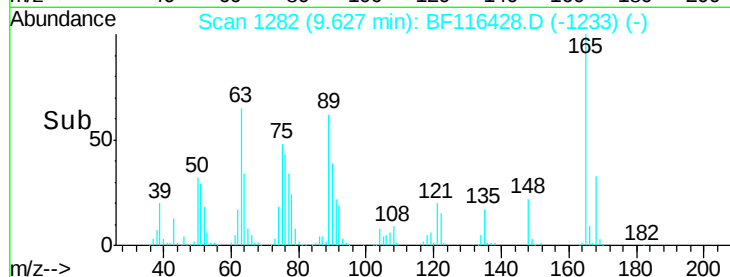
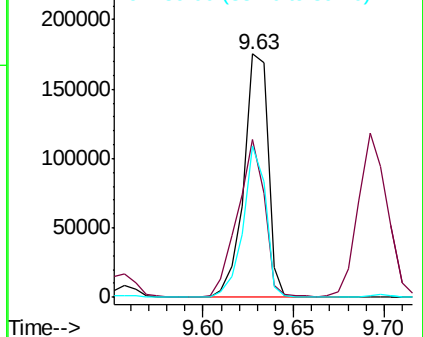
Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.511 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116428.D

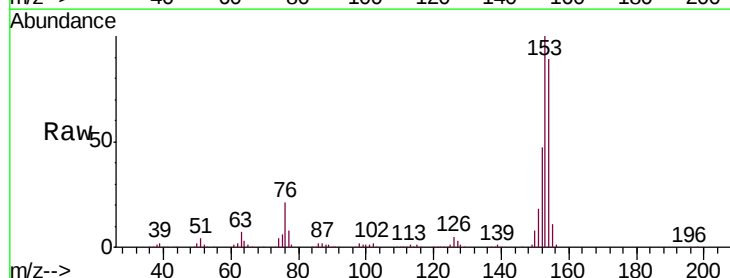
Acq: 20 Aug 2019 12:11

Tgt Ion:154 Resp: 569887
Ion Ratio Lower Upper

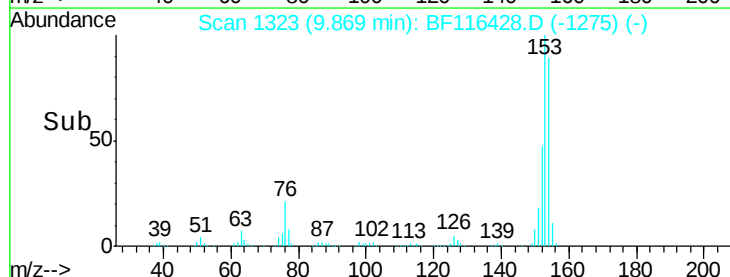
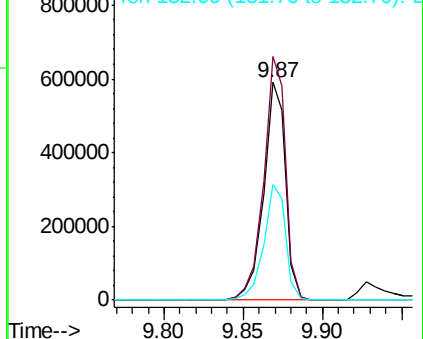
154 100

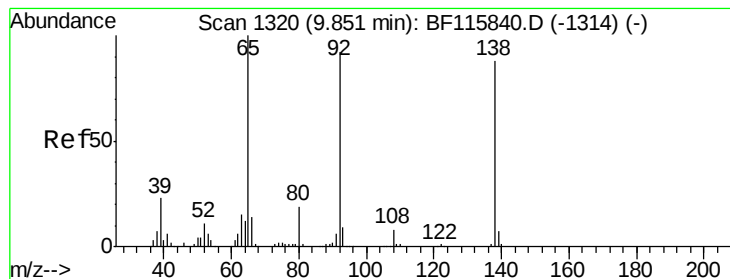
153 111.9 89.4 134.0

152 53.0 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.608 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Instrument :

BNA_F

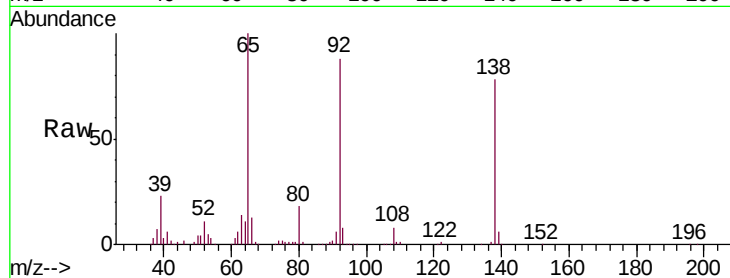
ClientSampleId :

PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	133328		
108	9.9	8.0	12.0	
92	112.3	91.0	136.6	

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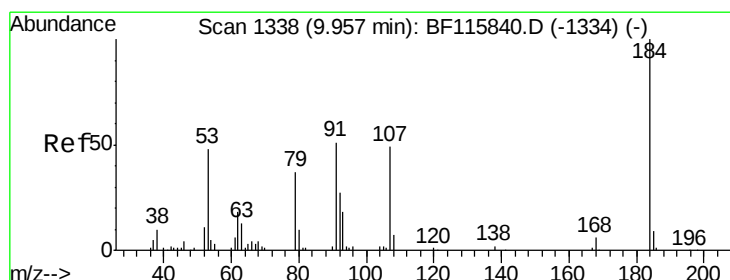
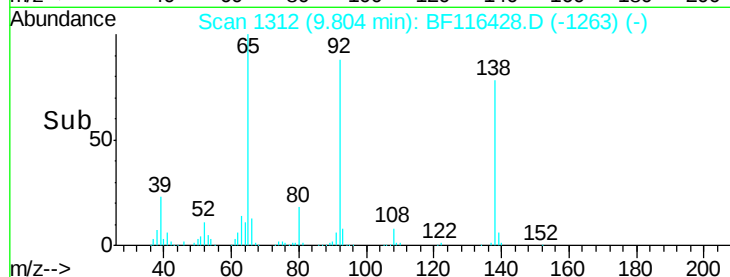
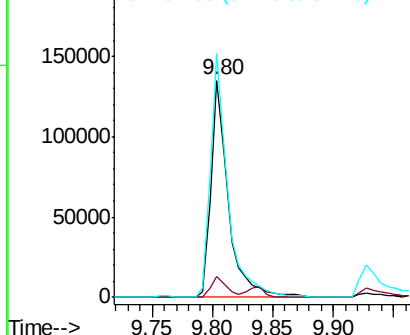


Abundance

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: 59.013 ng

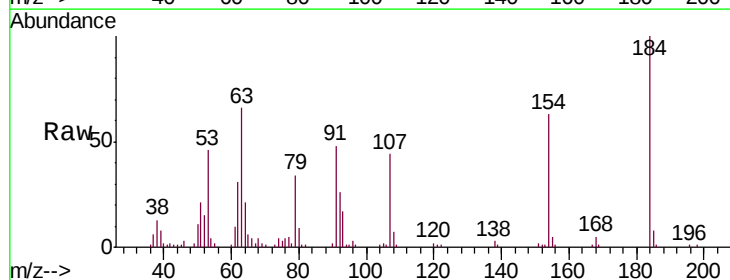
RT: 9.93 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	108850		
63	66.1	53.0	79.4	
154	62.7	50.1	75.1	

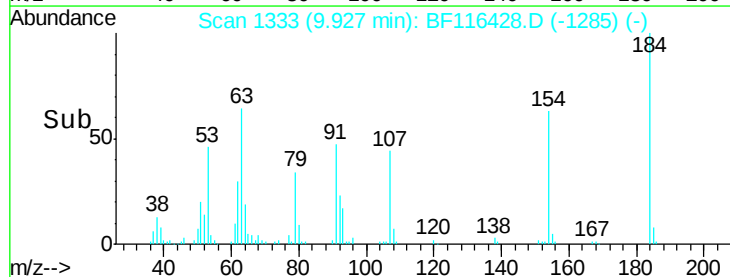
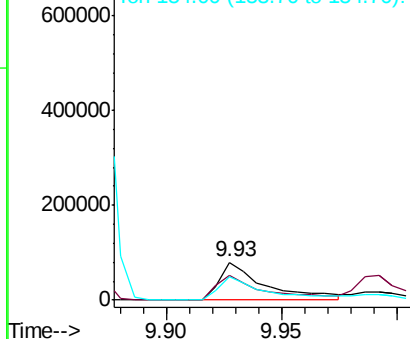


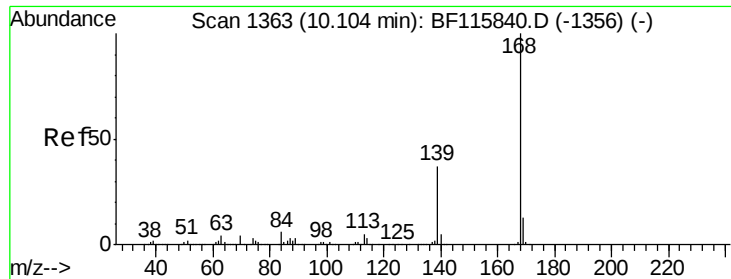
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





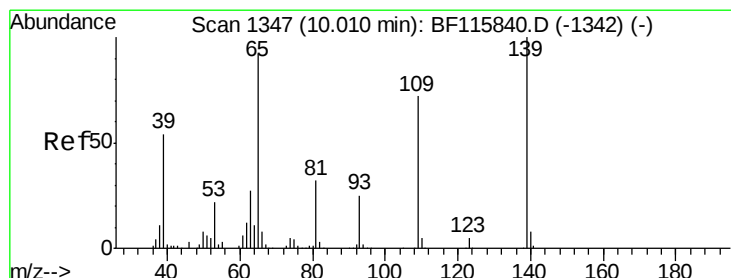
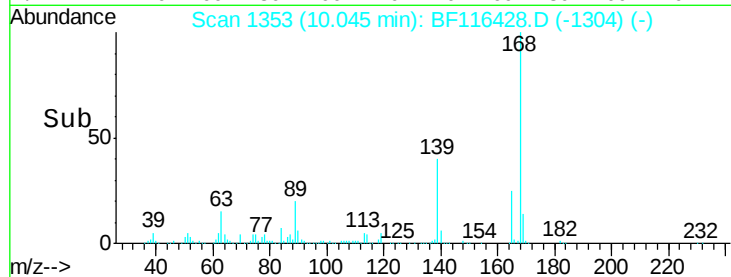
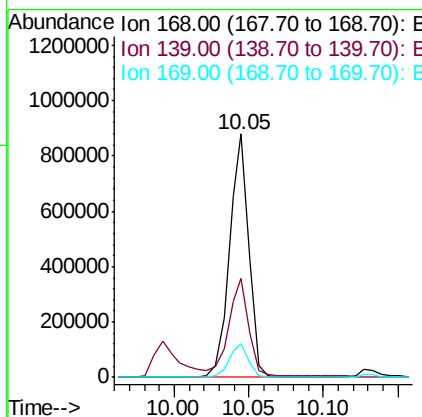
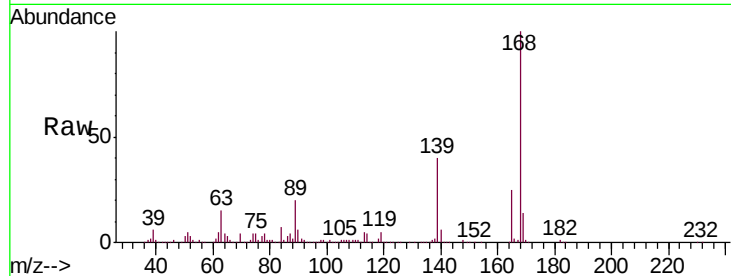
#55
Dibenzofuran
Concen: 41.172 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	802652		
139	40.5	31.4	47.2	
169	13.7	10.9	16.3	

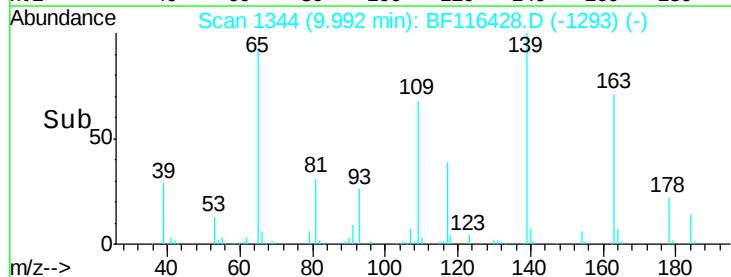
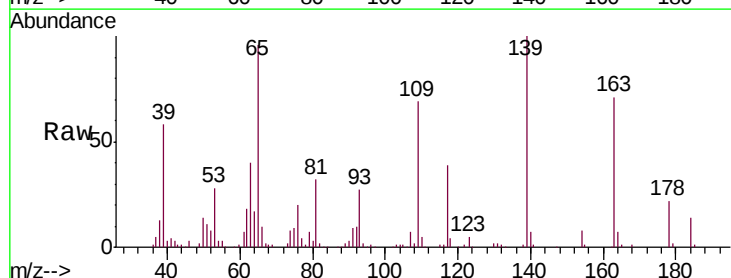
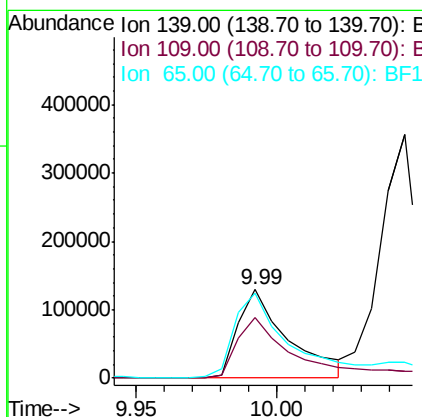
Manual Integrations
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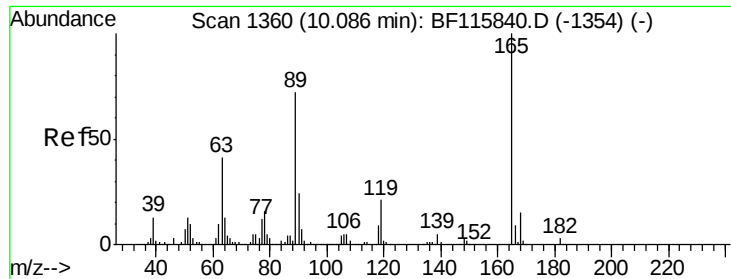
Jagrut
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#56
4-Nitrophenol
Concen: 53.269 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	159034		
109	68.8	54.4	94.4	
65	95.5	80.6	120.6	





#57

2,4-Dinitrotoluene

Concen: 40.325 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Instrument :

BNA_F

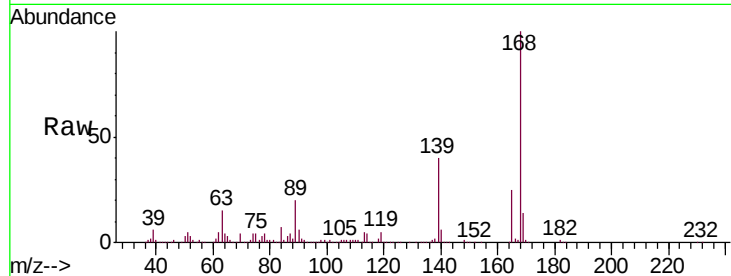
ClientSampleId :

PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	202505		
63	59.5	39.6	59.4#	
89	80.8	62.2	93.2	
182	2.6	2.1	3.1	

Manual Integrations
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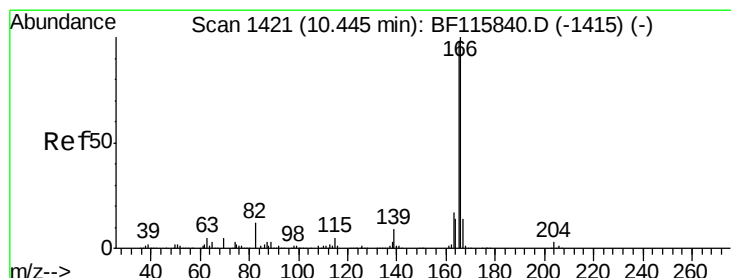
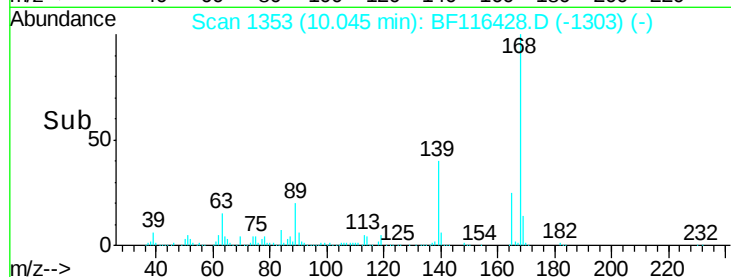
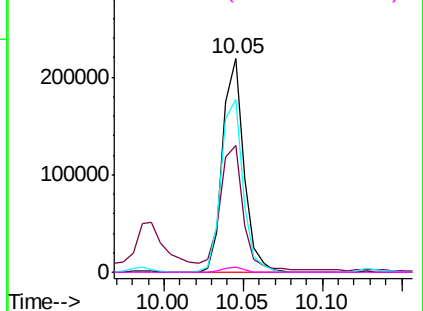


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.424 ng

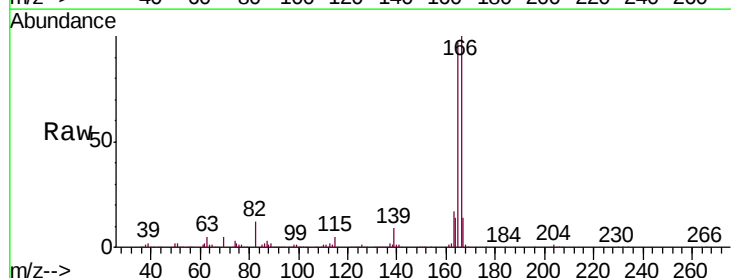
RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

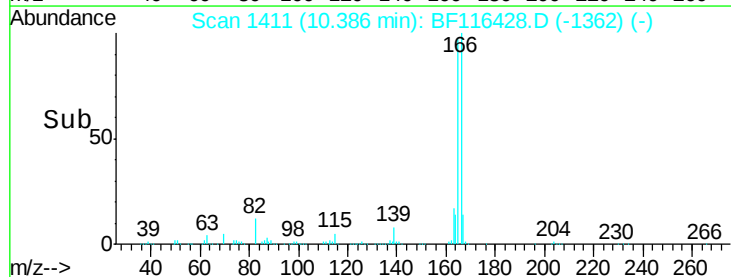
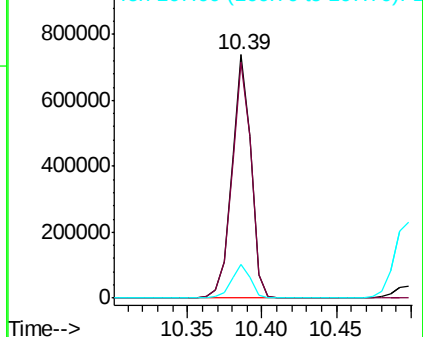
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	666324		
165	96.9	78.4	117.6	
167	13.6	11.0	16.4	



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





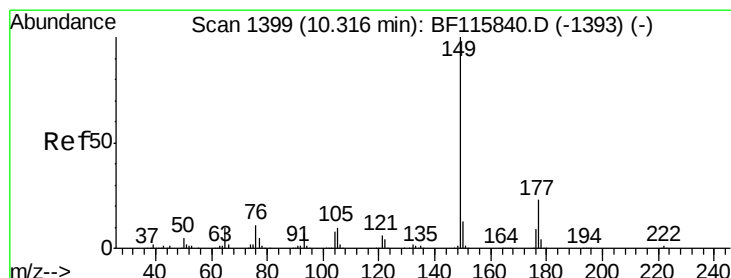
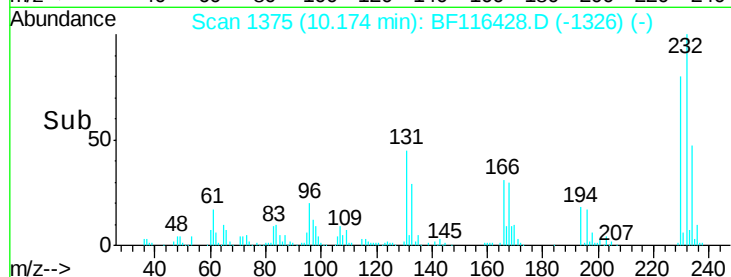
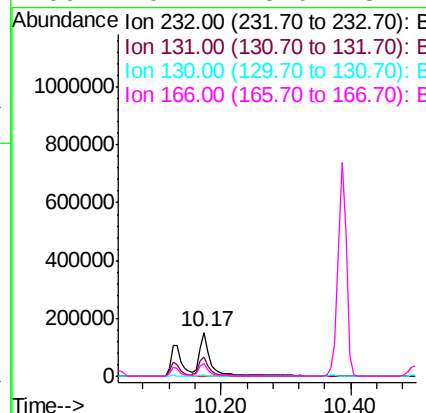
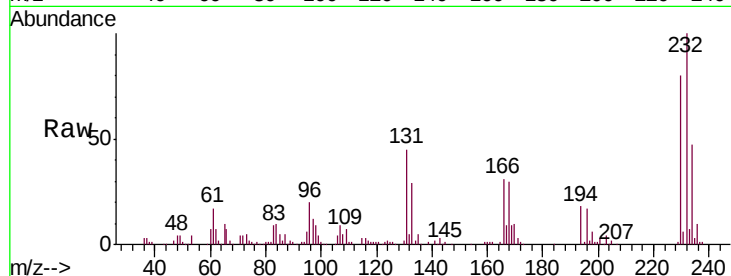
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.306 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	176656		
131	40.3	36.2	54.2	
130	2.4	1.9	2.9	
166	26.7	23.0	34.4	

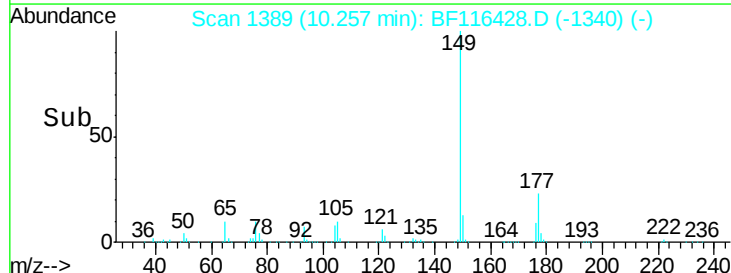
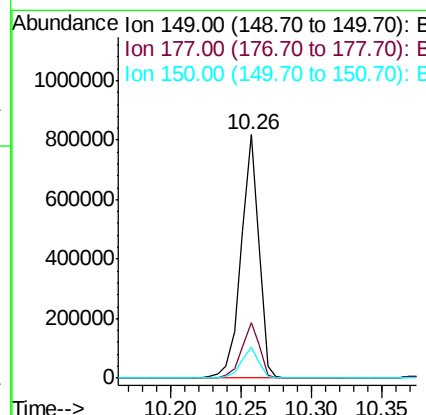
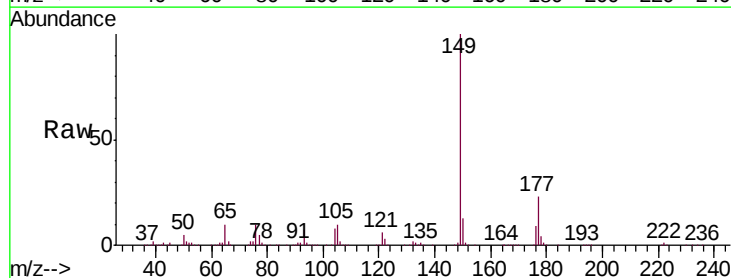
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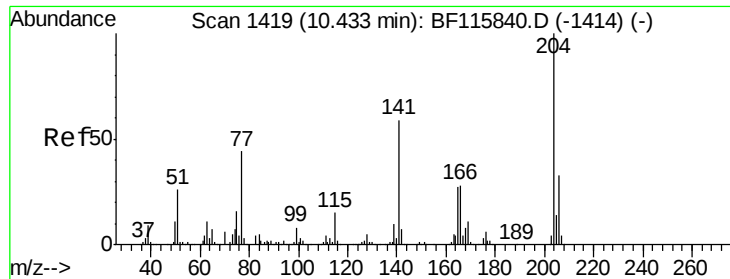
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#60
 Diethylphthalate
 Concen: 44.098 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	714567		
177	22.8	18.8	28.2	
150	12.5	10.2	15.4	





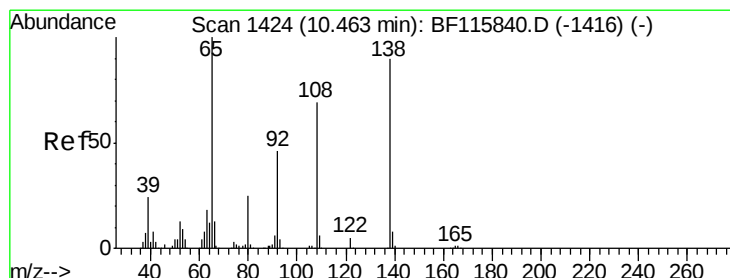
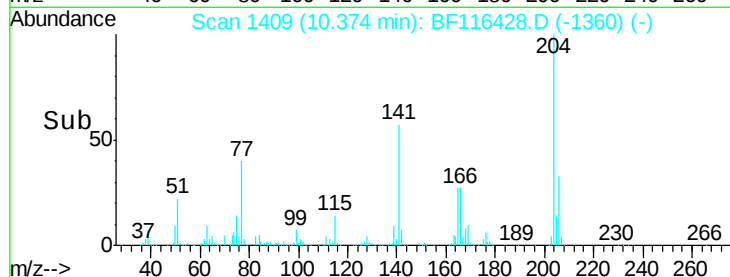
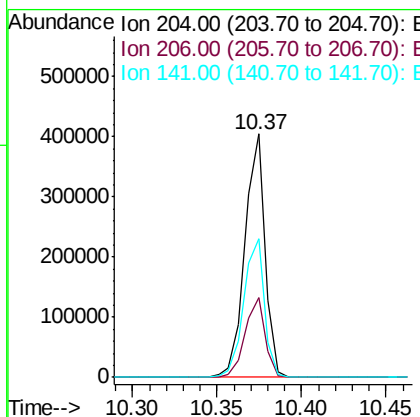
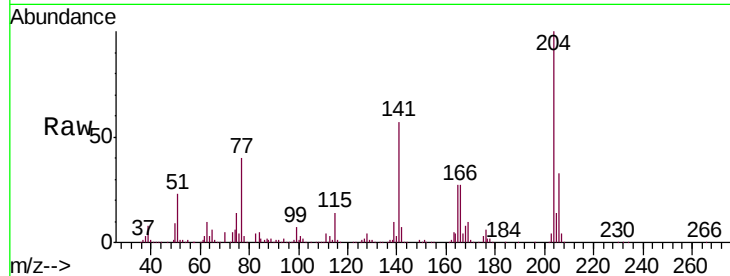
#61
 4-Chlorophenyl-phenylether
 Concen: 44.596 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampled :
 PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	338764		
206	33.0	26.4	39.6	
141	56.7	46.4	69.6	

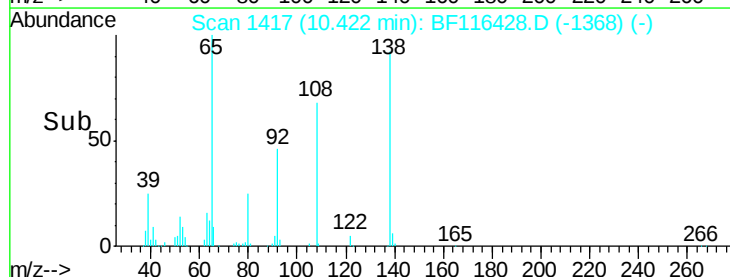
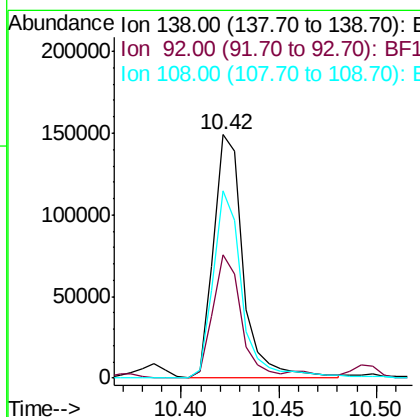
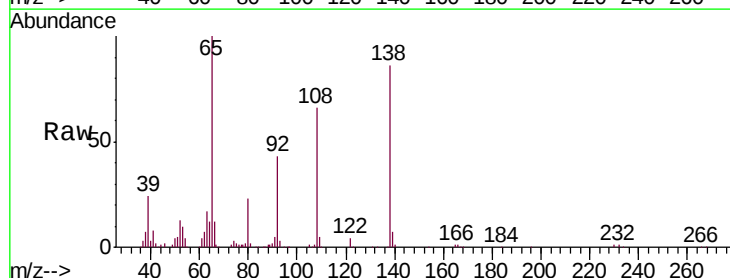
Manual Integrations
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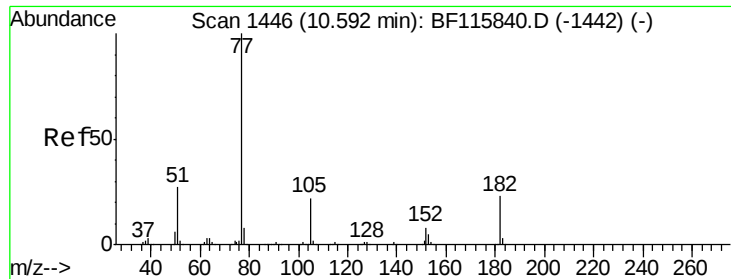
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#62
 4-Nitroaniline
 Concen: 32.882 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	158372		
92	50.8	29.0	69.0	
108	77.0	54.7	94.7	





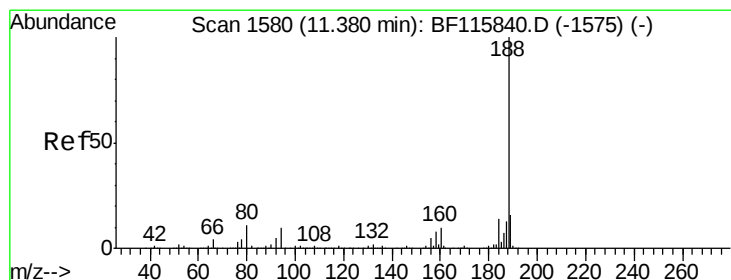
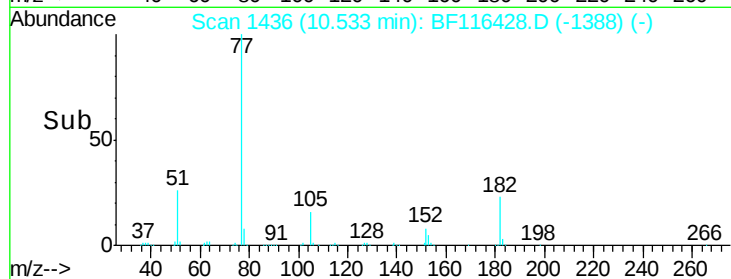
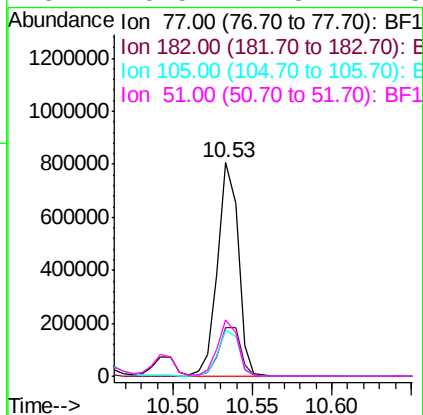
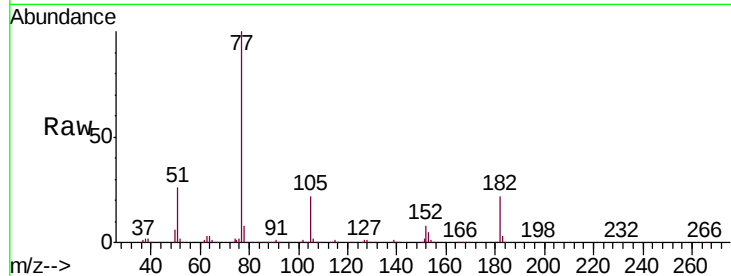
#63
Azobenzene
Concen: 43.866 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	731099		
182	22.5	4.0	44.0	
105	21.9	2.0	42.0	
51	26.5	7.5	47.5	

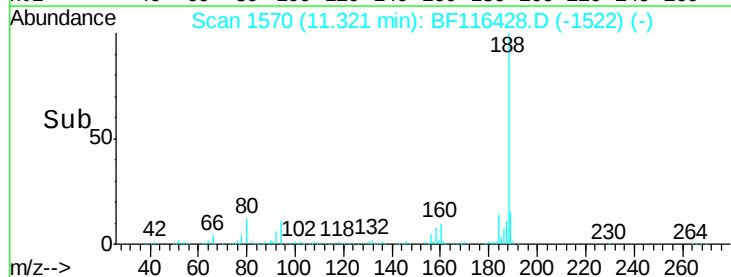
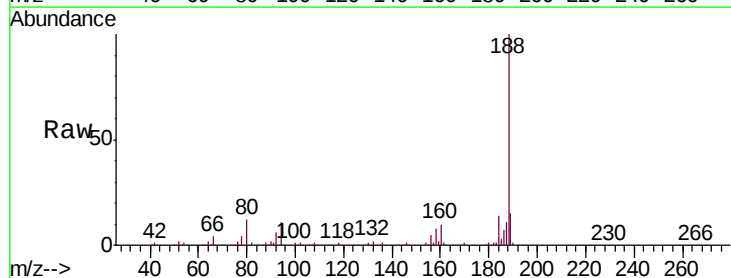
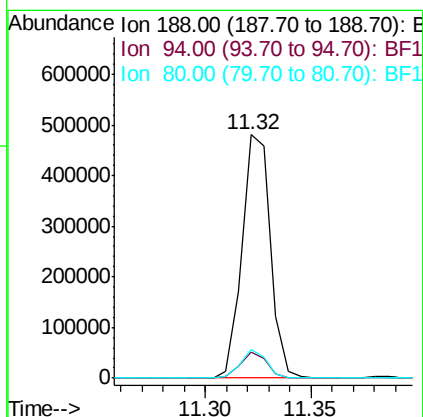
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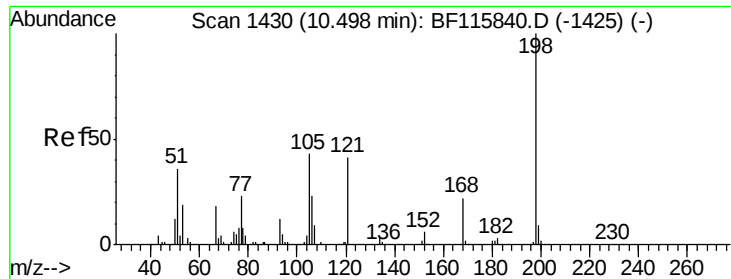
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	447007		
94	10.8	8.1	12.1	
80	11.7	8.7	13.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 42.799 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Instrument :

BNA_F

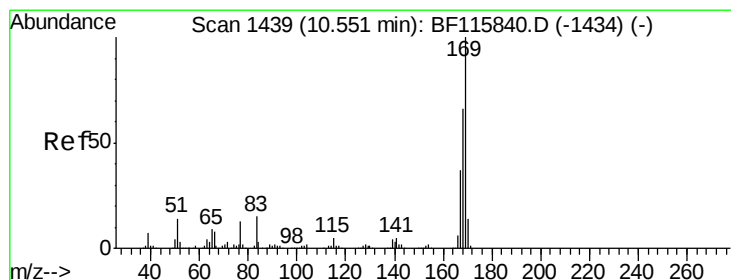
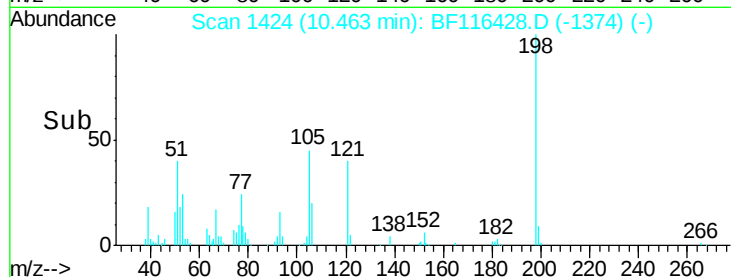
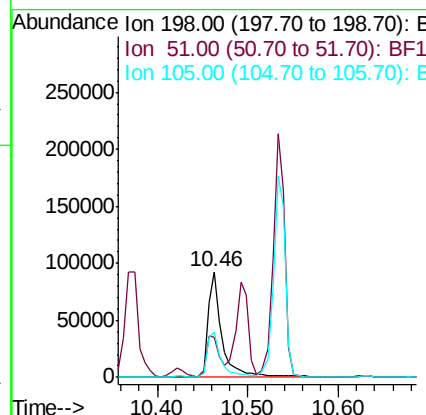
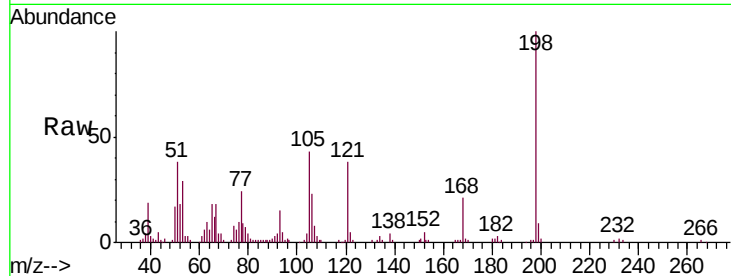
ClientSampled :

PB122210BSD

Tgt Ion:	198	Resp:	101384
Ion Ratio	Lower	Upper	
198	100		
51	38.3	17.0	57.0
105	42.8	21.6	61.6

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 43.559 ng

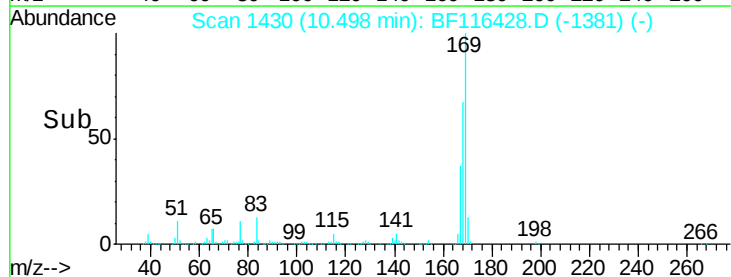
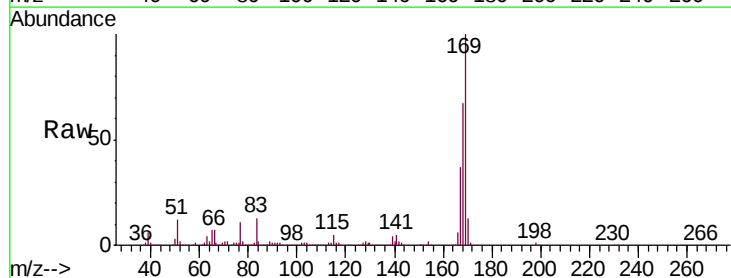
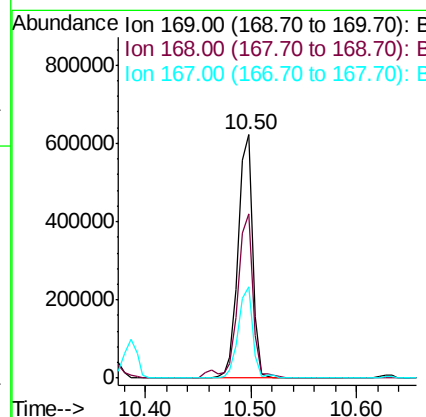
RT: 10.50 min Scan# 1430

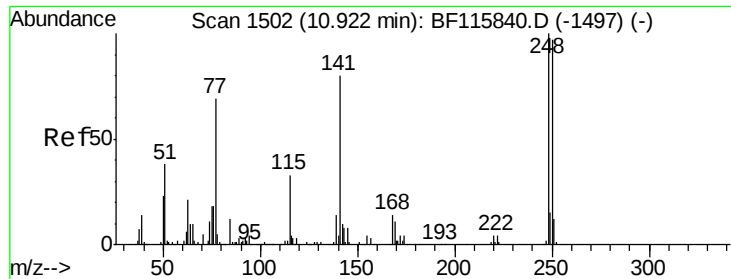
Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Tgt Ion:	169	Resp:	586065
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.8	80.6
167	37.3	29.6	44.4





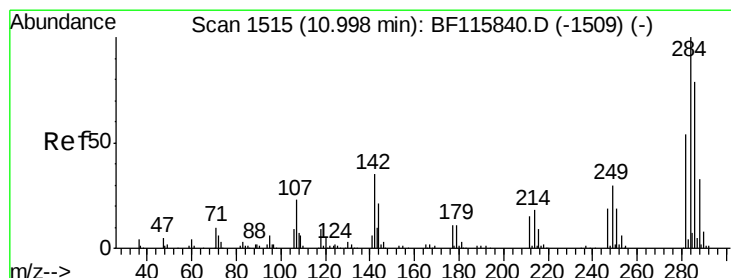
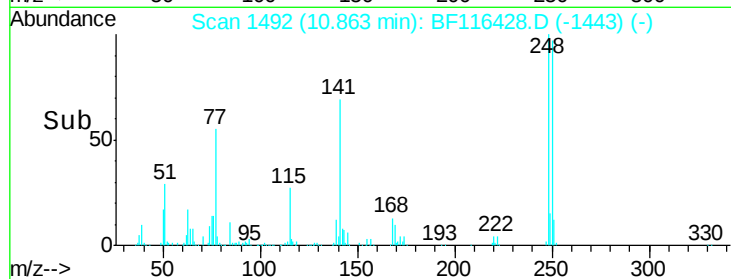
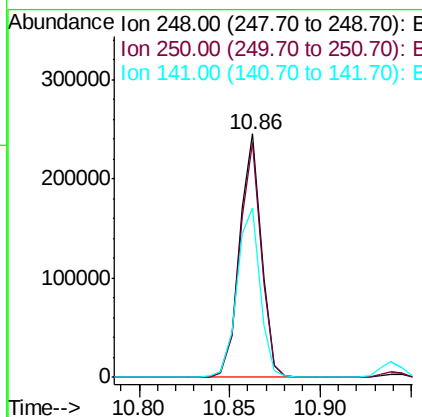
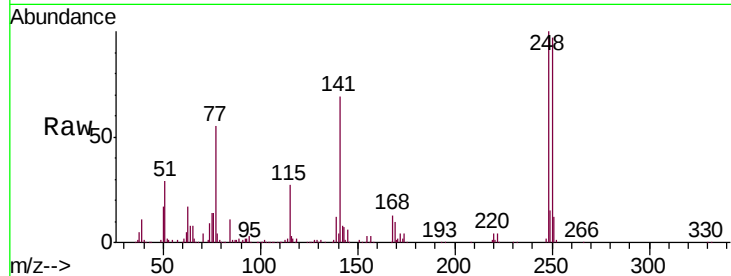
#67
4-Bromophenyl-phenylether
Concen: 42.837 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.4	116.2
141	69.4	56.8	85.2

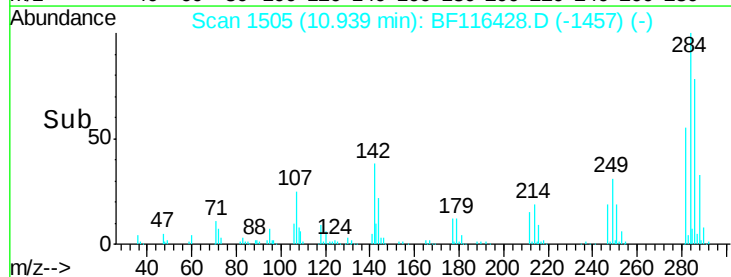
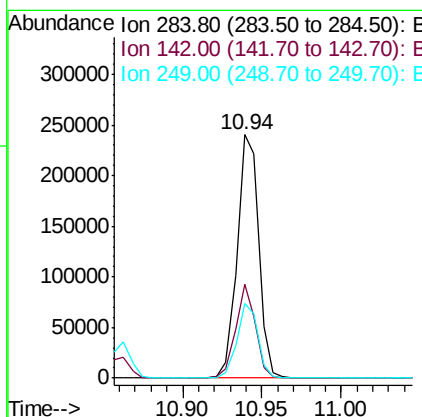
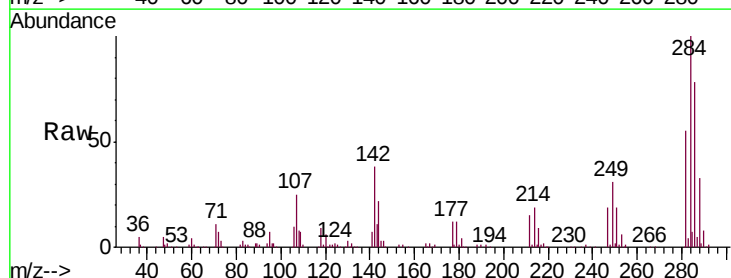
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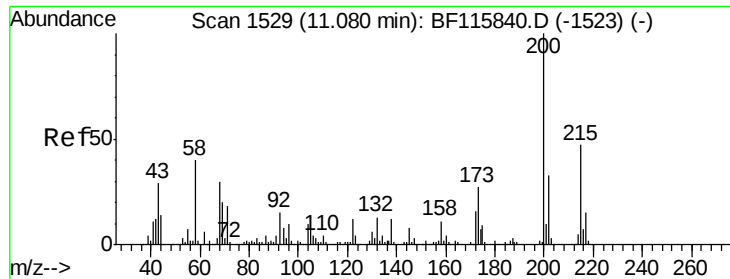
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#68
Hexachlorobenzene
Concen: 40.995 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	28.4	42.6
249	30.6	24.5	36.7





#69

Atrazine

Concen: 40.661 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Instrument :

BNA_F

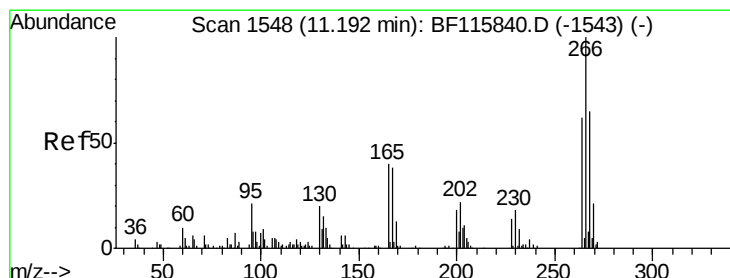
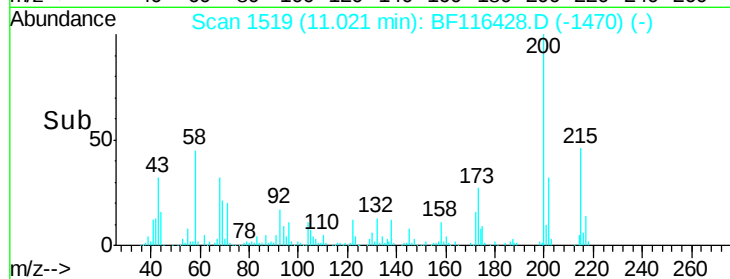
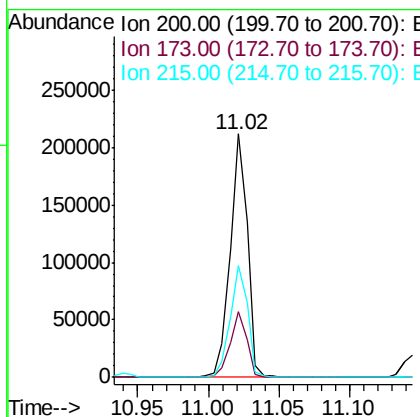
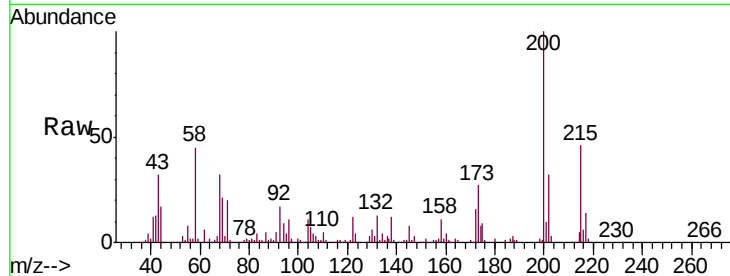
ClientSampled :

PB122210BSD

Tgt Ion:	200	Resp:	179978
Ion Ratio	Lower	Upper	
200	100		
173	26.7	6.8	46.8
215	46.2	27.5	67.5

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#70

Pentachlorophenol

Concen: 59.340 ng

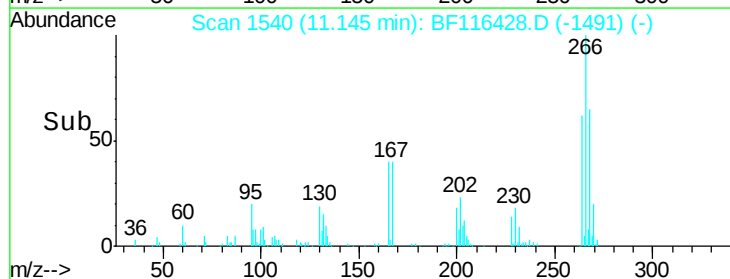
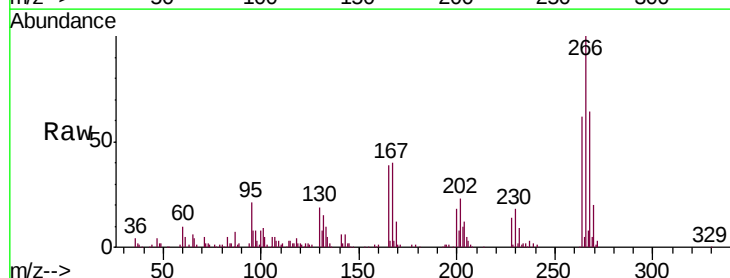
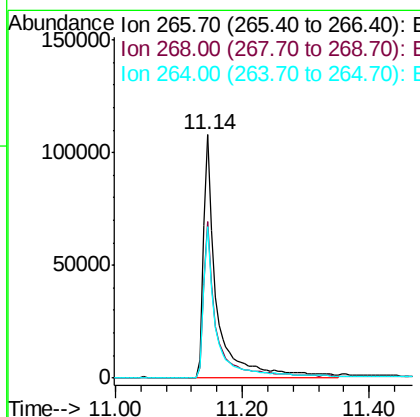
RT: 11.14 min Scan# 1540

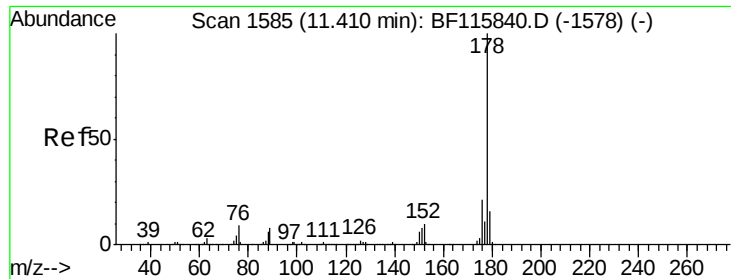
Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Tgt Ion:	266	Resp:	159413
Ion Ratio	Lower	Upper	
266	100		
268	64.5	48.8	73.2
264	62.1	50.6	76.0





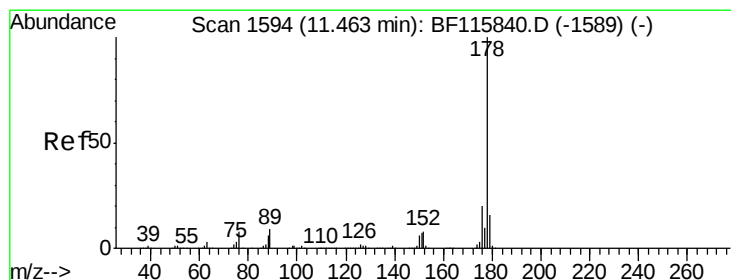
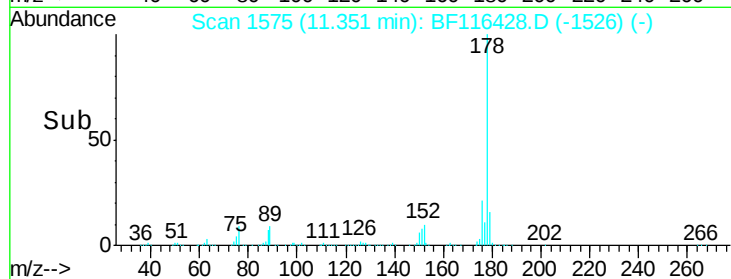
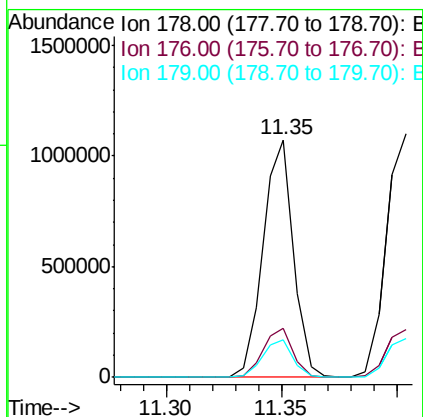
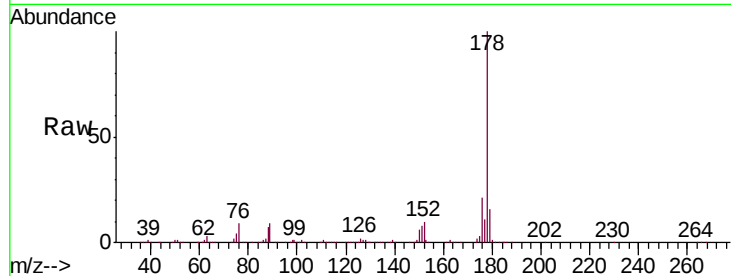
#71
Phenanthrene
Concen: 42.903 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.6	24.8
179	15.6	12.5	18.7

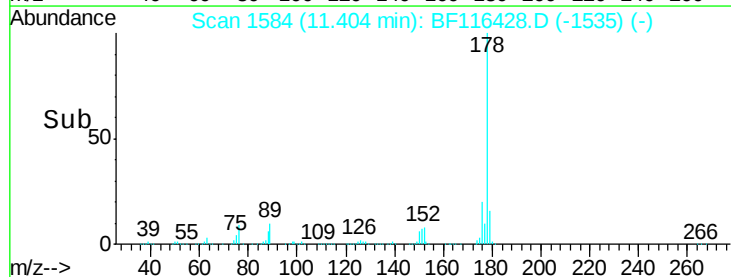
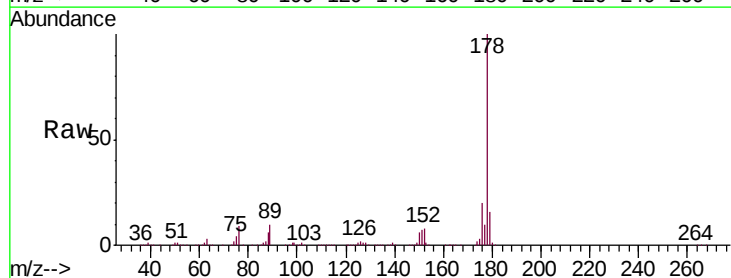
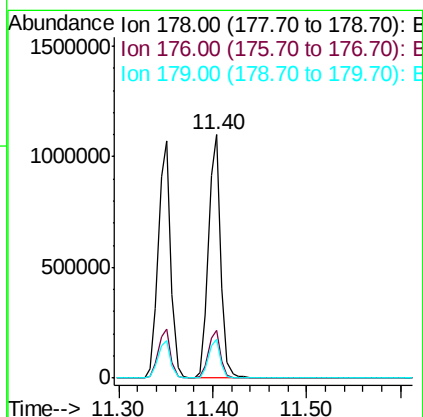
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#72
Anthracene
Concen: 43.798 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.8	13.0	19.6





#73

Carbazole

Concen: 43.345 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Instrument :

BNA_F

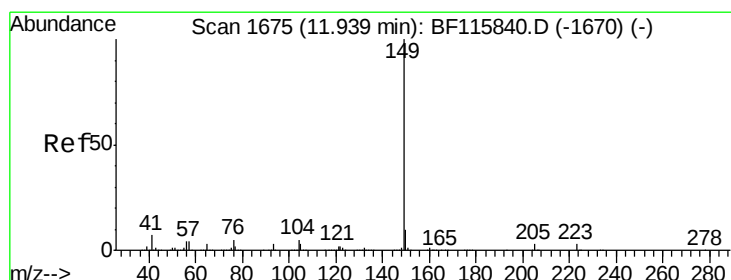
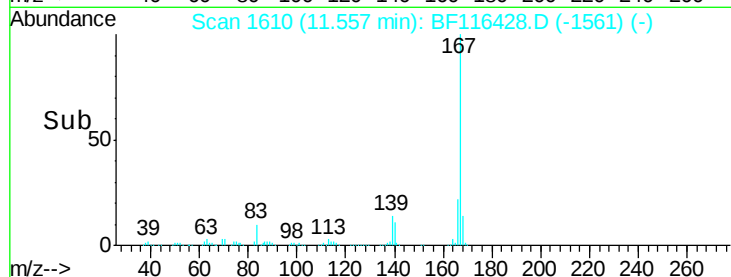
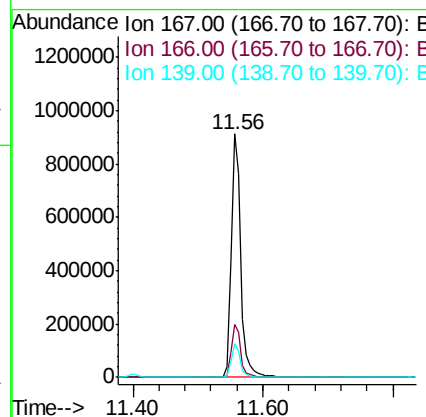
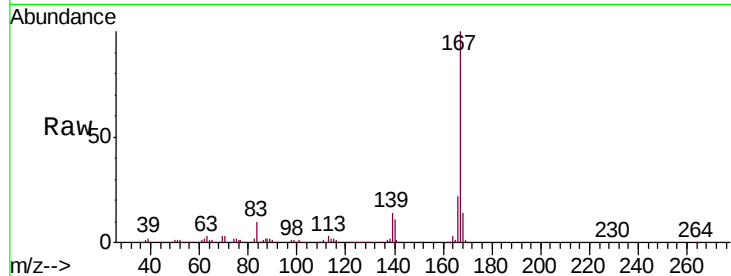
ClientSampleId :

PB122210BSD

Tgt Ion:	167	Resp:	909473
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.8	26.6
139	14.1	11.4	17.0

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#74

Di-n-butylphthalate

Concen: 46.134 ng

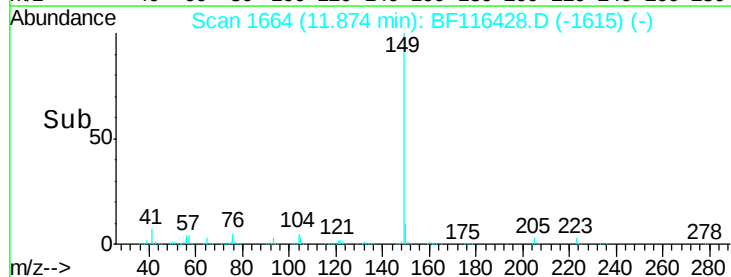
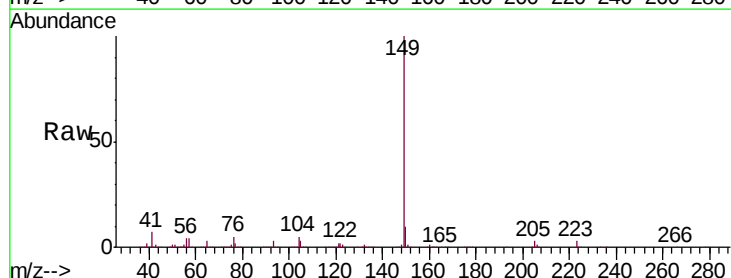
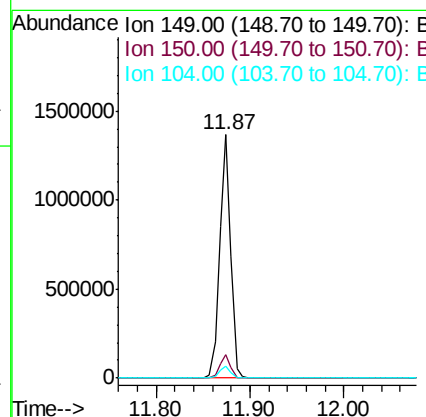
RT: 11.87 min Scan# 1664

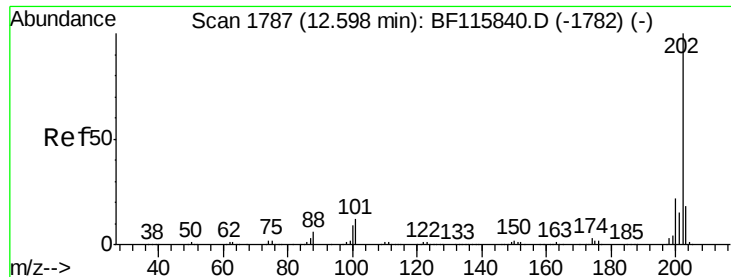
Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Tgt Ion:	149	Resp:	1129196
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.0	12.0
104	5.1	4.5	6.7





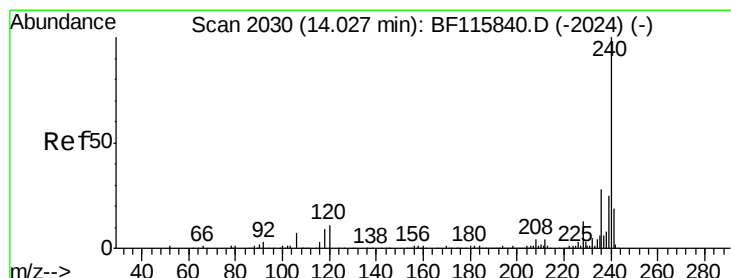
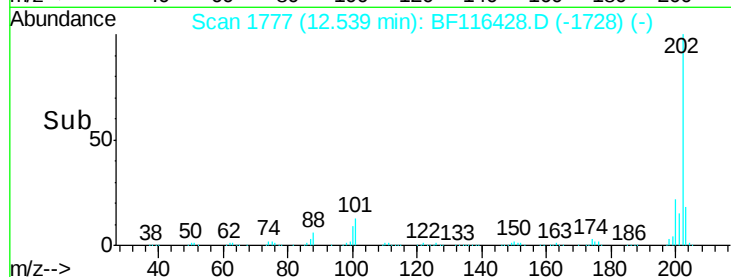
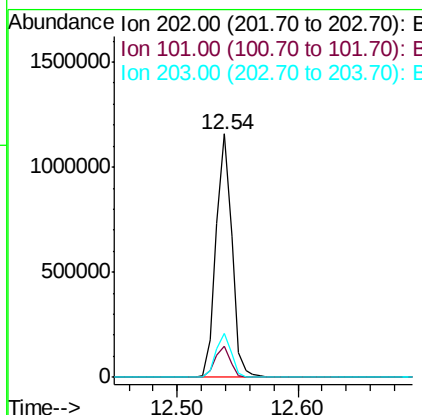
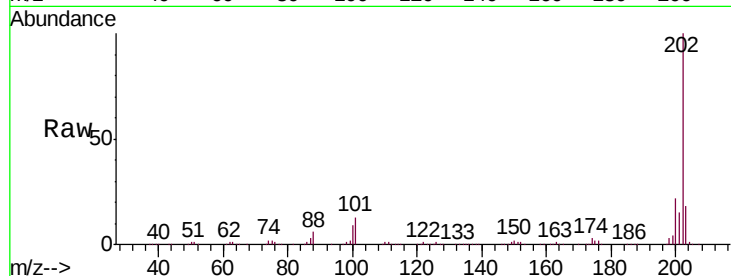
#75
 Fluoranthene
 Concen: 43.297 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1035821		
101	12.8	0.0	31.2	
203	18.0	0.0	37.8	

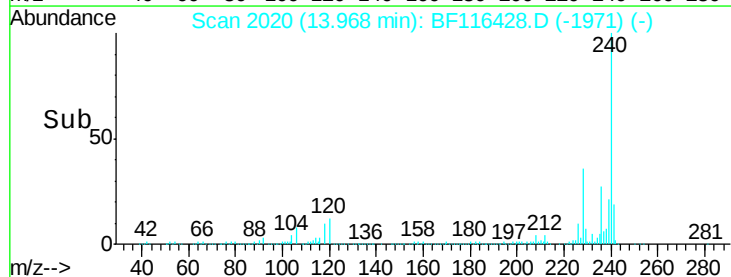
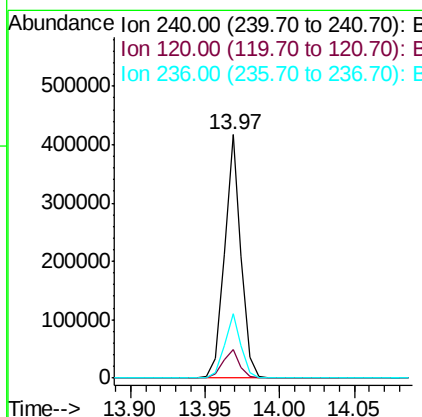
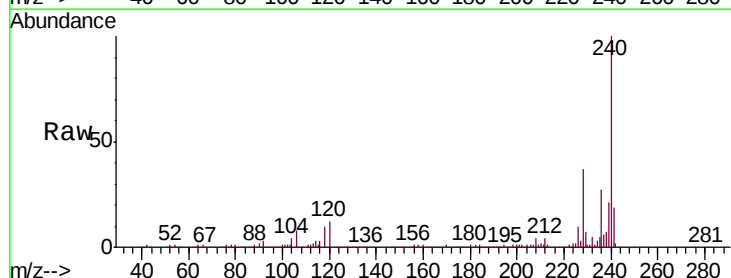
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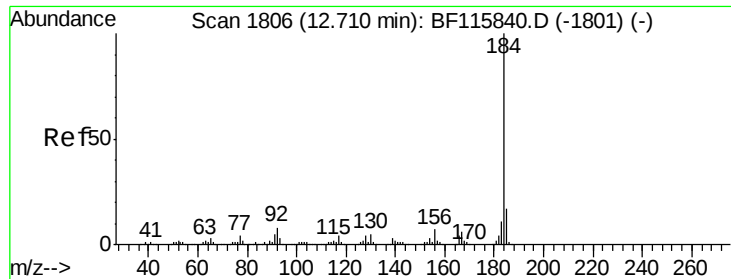
Jagrut
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	324104		
120	12.0	10.7	16.1	
236	26.7	22.2	33.2	





#77

Benzidine

Concen: 26.530 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Instrument :

BNA_F

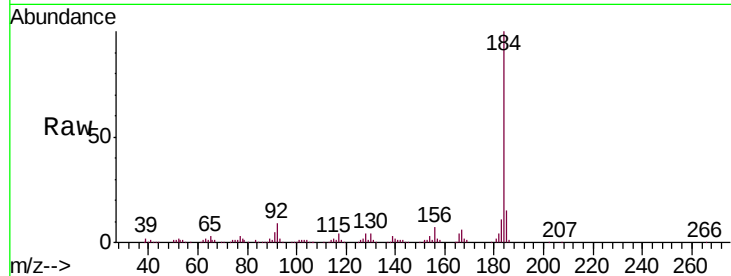
ClientSampleId :

PB122210BSD

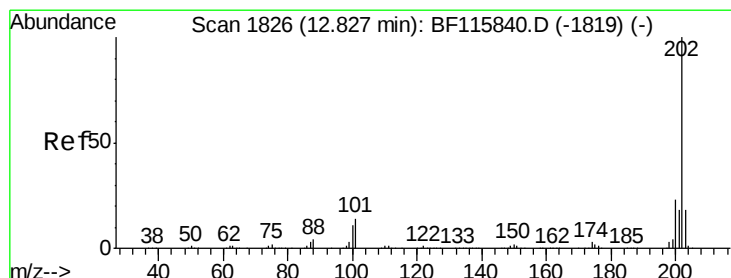
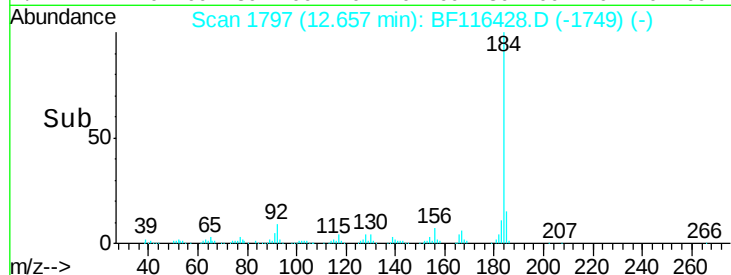
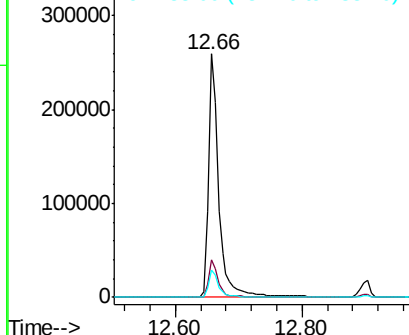
Tgt Ion:	184	Resp:	290492
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.8	19.2
183	11.2	9.4	14.0

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



#78

Pyrene

Concen: 42.865 ng

RT: 12.77 min Scan# 1816

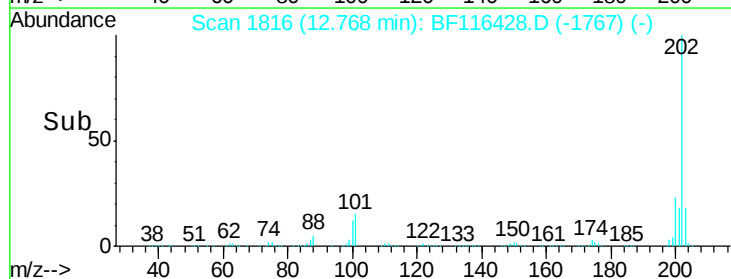
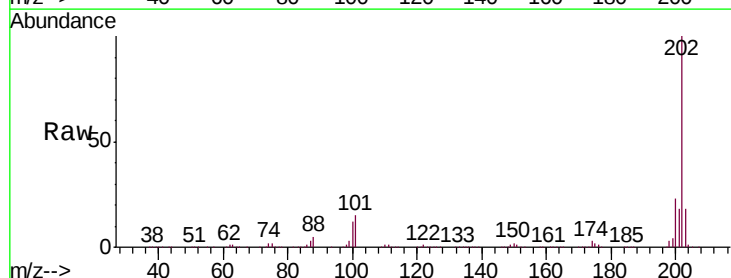
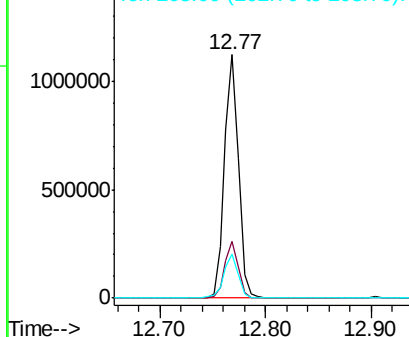
Delta R.T. -0.01 min

Lab File: BF116428.D

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Tgt Ion:	202	Resp:	1047242
Ion Ratio	Lower	Upper	
202	100		
200	23.1	18.0	27.0
203	18.1	14.1	21.1

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





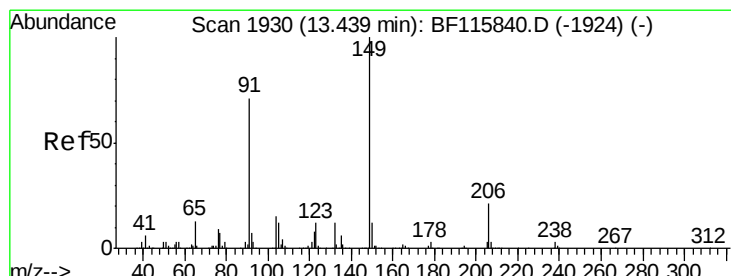
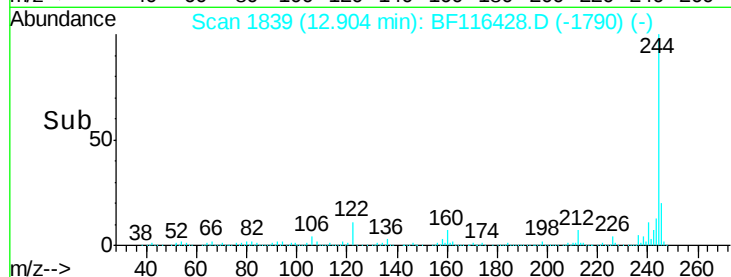
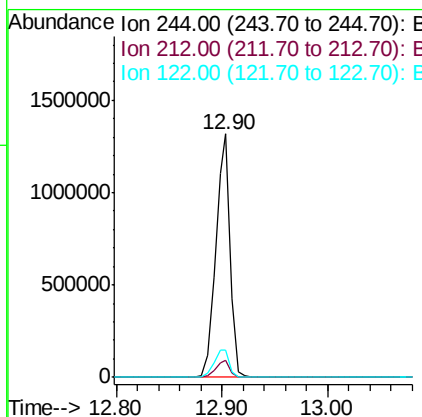
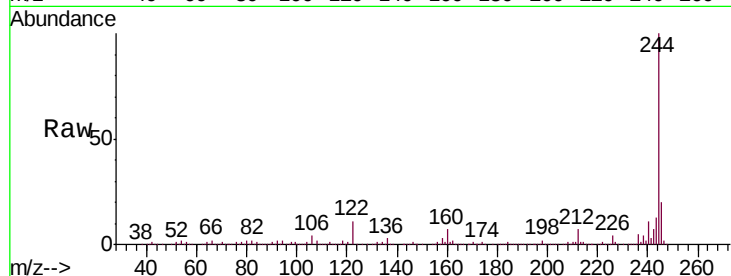
#79
 Terphenyl-d14
 Concen: 82.216 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.2	9.0	13.4

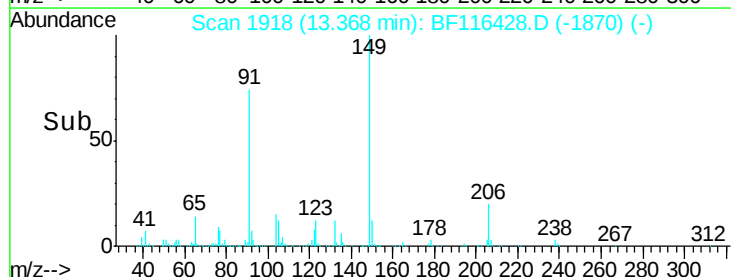
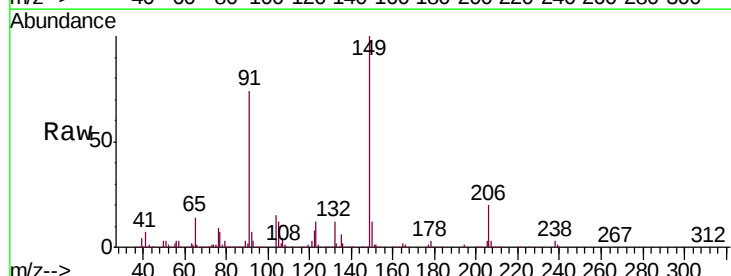
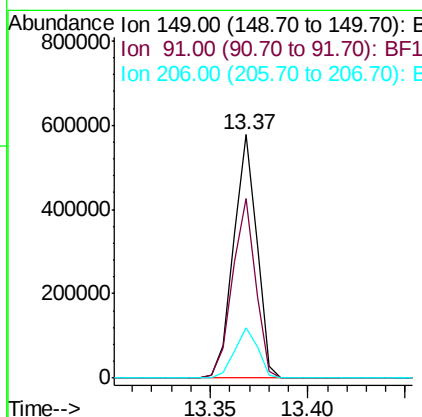
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#80
 Butylbenzylphthalate
 Concen: 46.309 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.9	56.3	84.5
206	20.5	18.0	27.0





#81

Benzo(a)anthracene

Concen: 41.648 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Instrument :

BNA_F

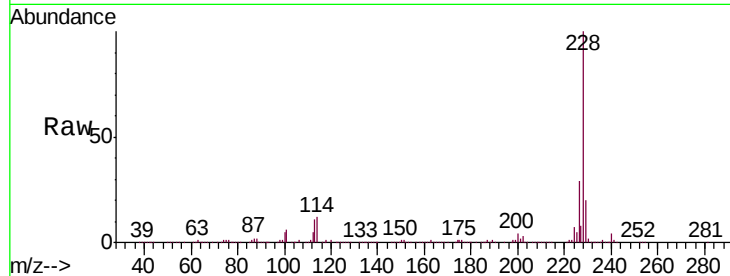
ClientSampleId :

PB122210BSD

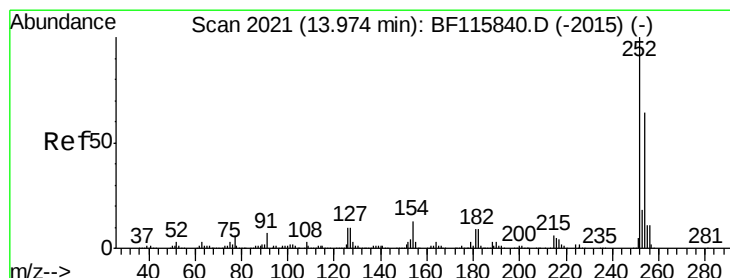
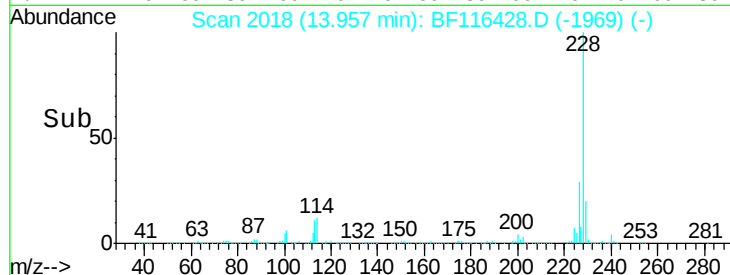
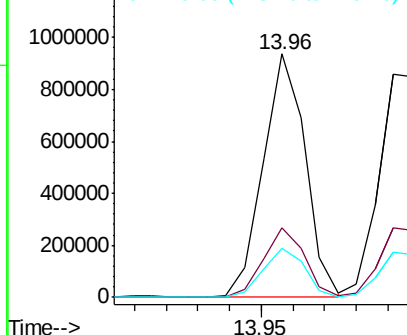
Tgt	Ion	Resp	Lower	Upper
228	100			
226	28.7	22.7	34.1	
229	20.3	16.2	24.4	

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



#82

3,3'-Dichlorobenzidine

Concen: 38.086 ng

RT: 13.91 min Scan# 2010

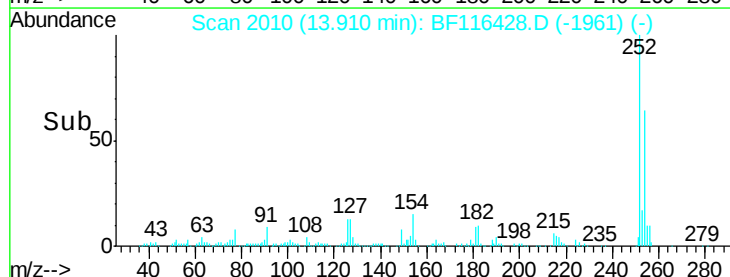
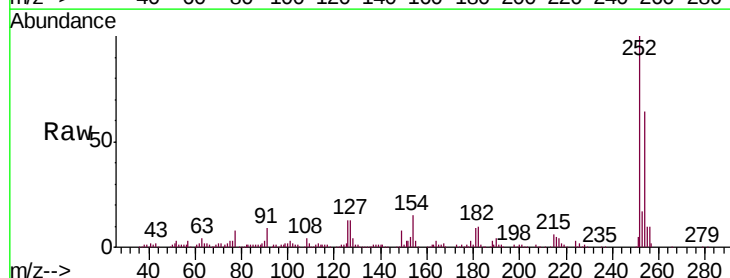
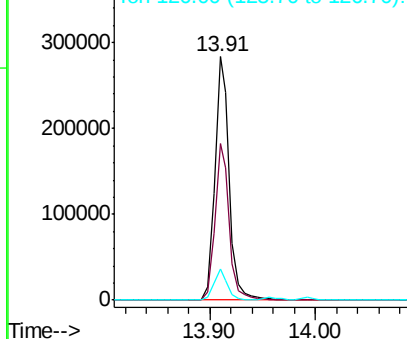
Delta R.T. -0.01 min

Lab File: BF116428.D

Acq: 20 Aug 2019 12:11

Tgt	Ion	Resp	Lower	Upper
252	100			
254	64.1	50.9	76.3	
126	12.9	9.8	14.8	

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





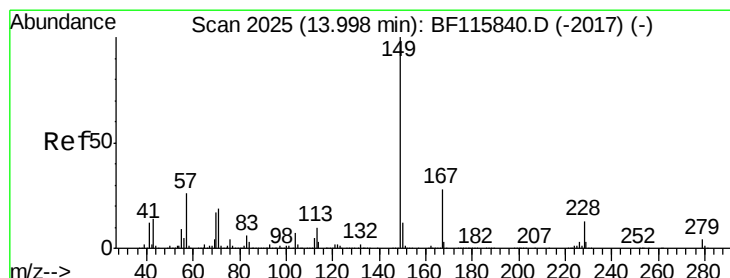
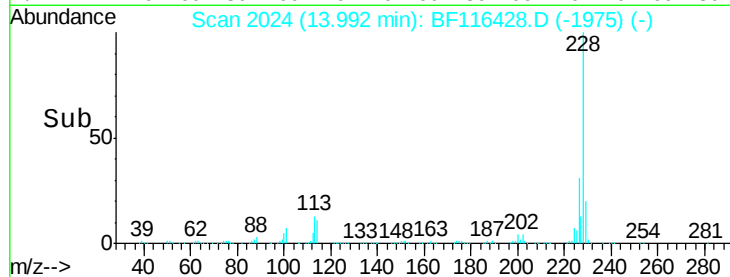
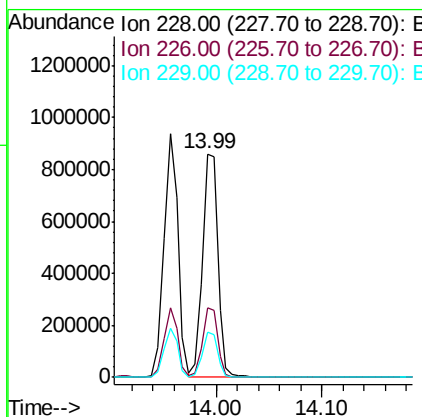
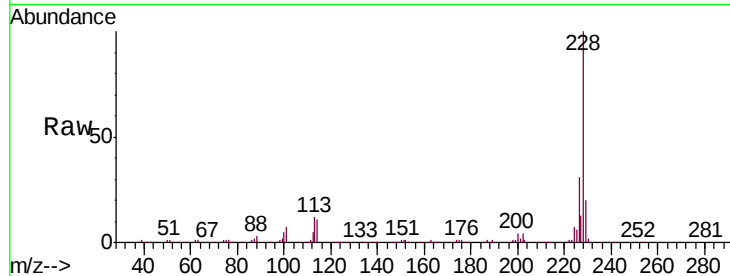
#83
Chrysene
 Concen: 42.843 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	20.3	16.6	24.8

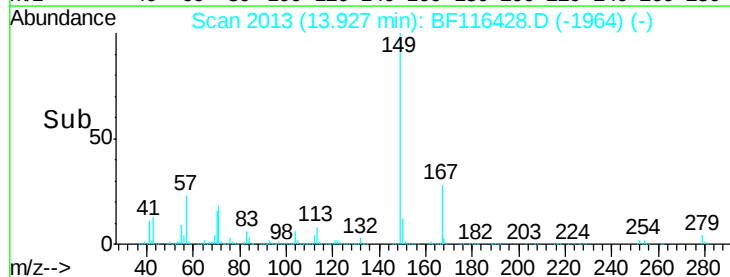
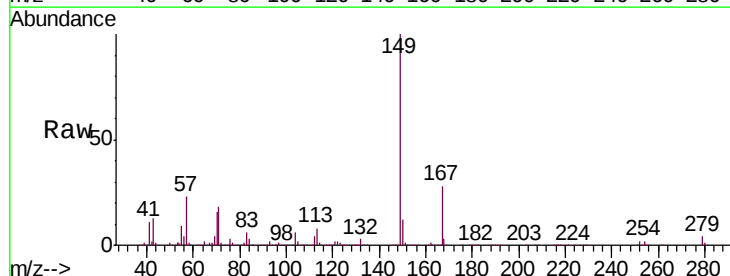
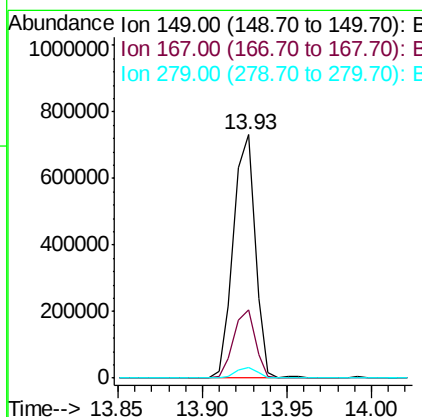
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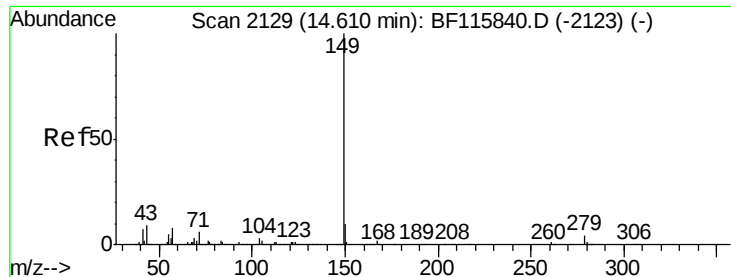
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 49.368 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF116428.D
 Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.6	32.4
279	4.5	3.0	4.4#





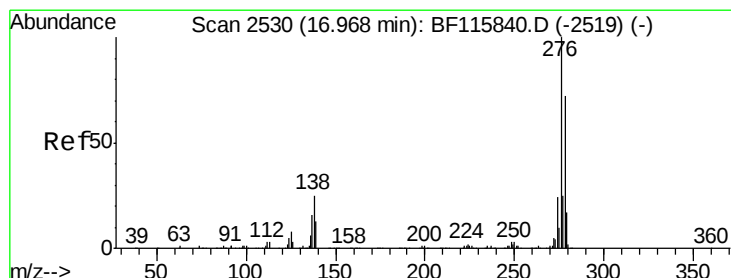
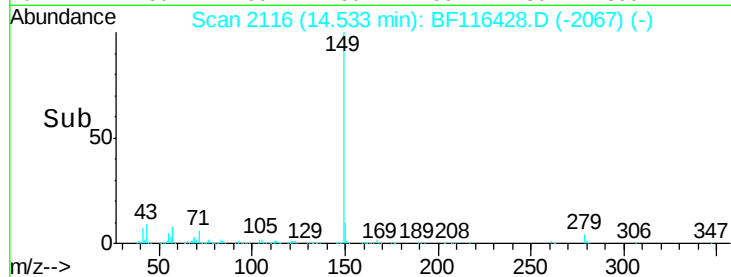
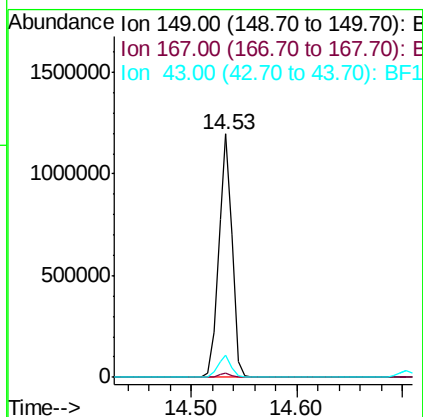
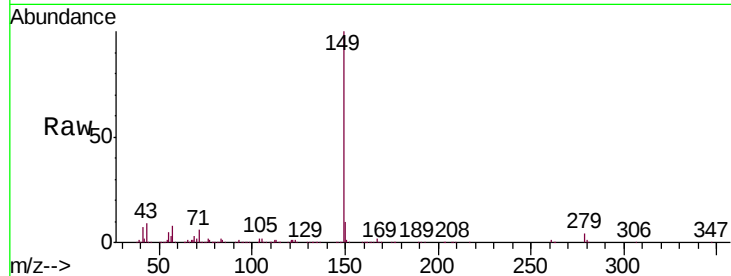
#85
Di-n-octyl phthalate
Concen: 50.020 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.8	7.5	11.3

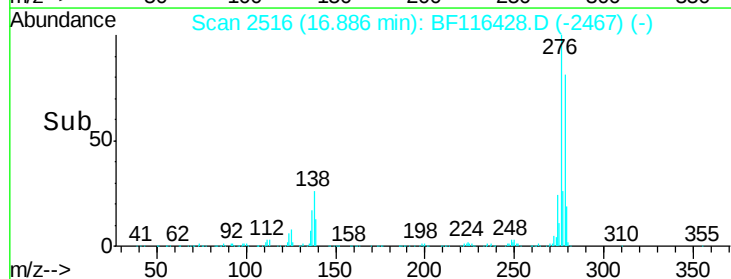
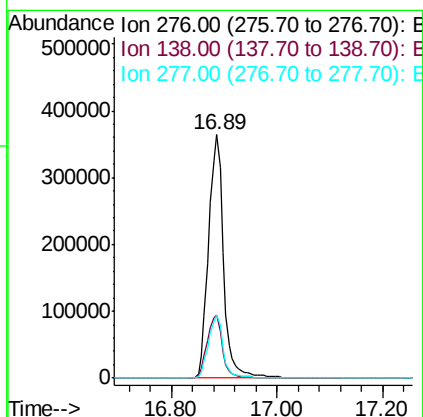
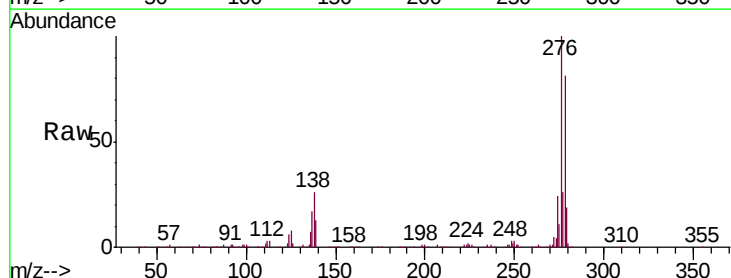
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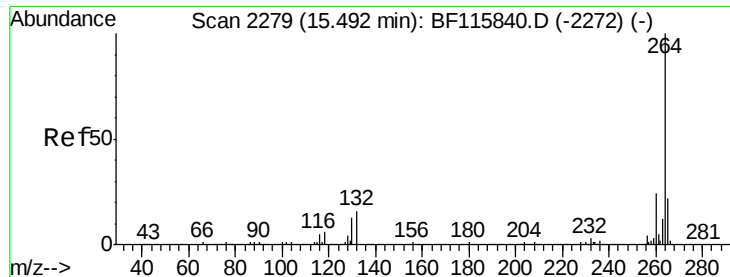
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.609 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.4	30.6
277	25.4	20.0	30.0





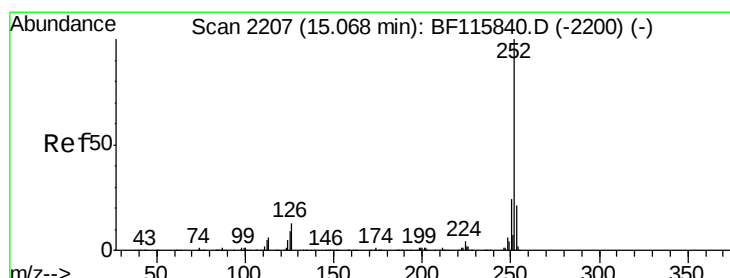
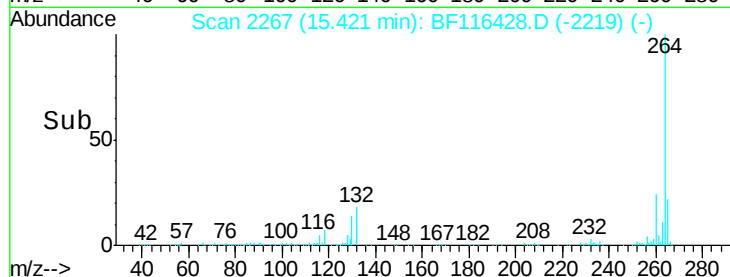
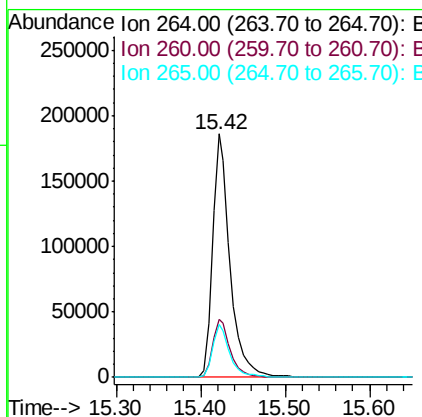
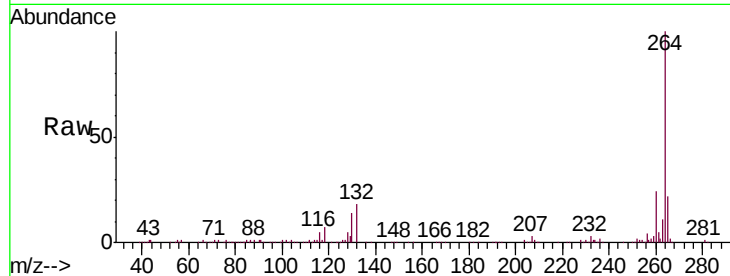
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	22.0	17.4	26.0

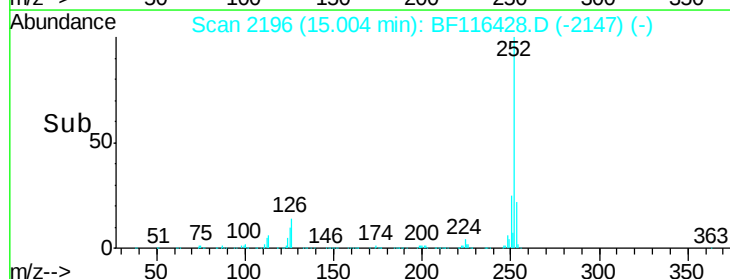
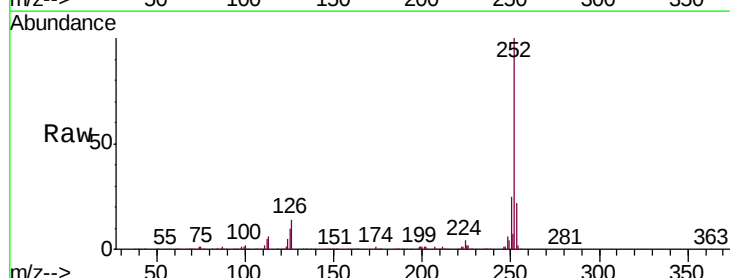
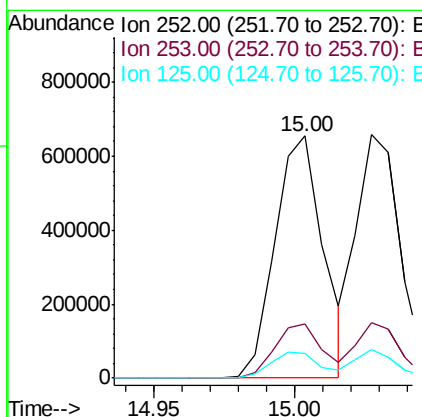
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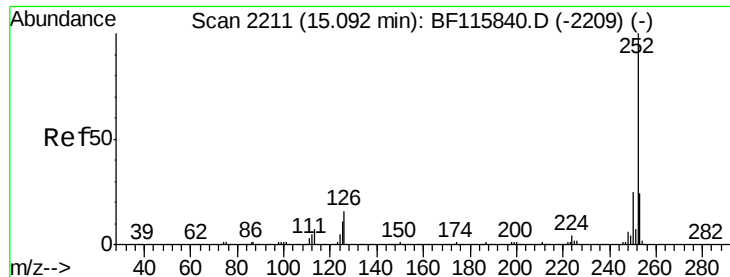
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#88
Benzo(b)fluoranthene
Concen: 49.583 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.1	8.4	12.6





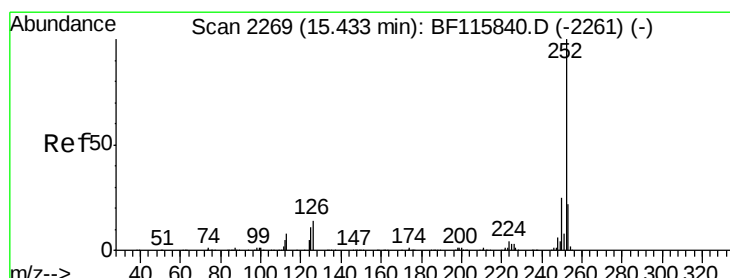
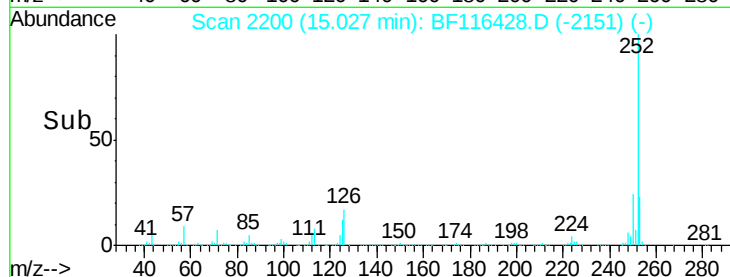
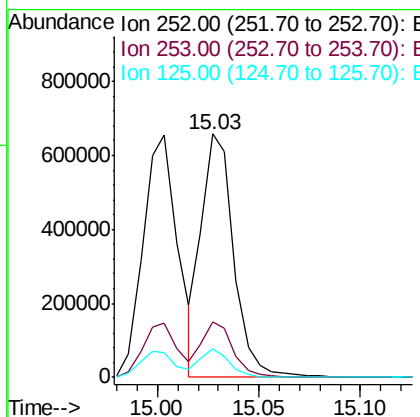
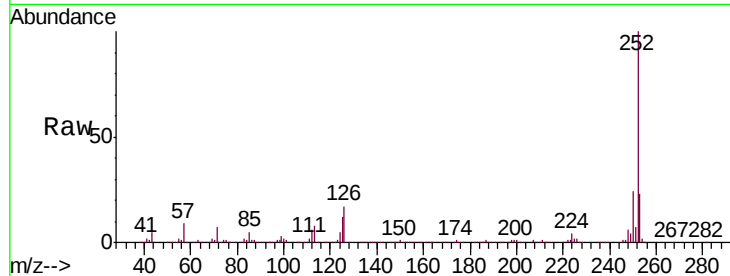
#89
Benzo(k)fluoranthene
Concen: 48.076 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	11.8	7.7	11.5

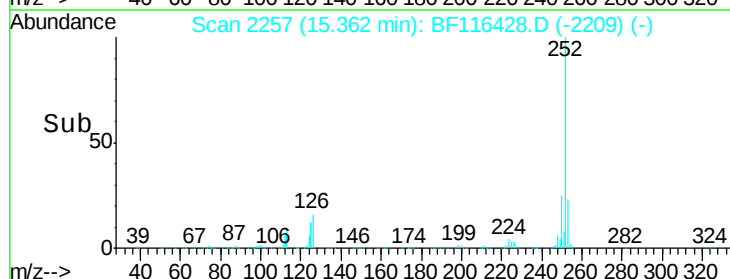
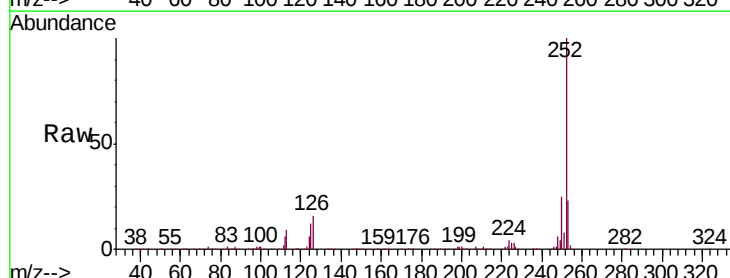
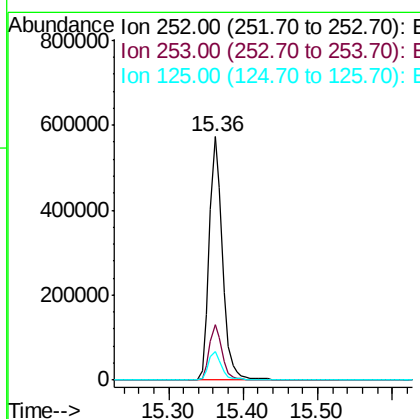
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#90
Benzo(a)pyrene
Concen: 50.374 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.8	8.9	13.3





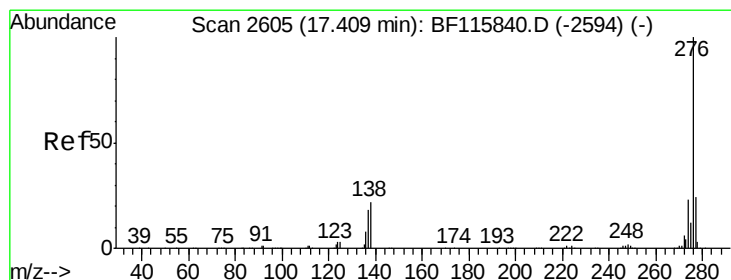
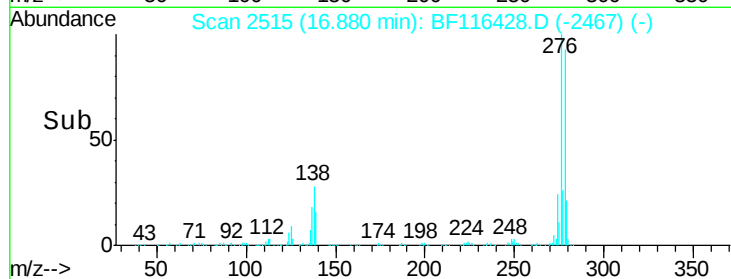
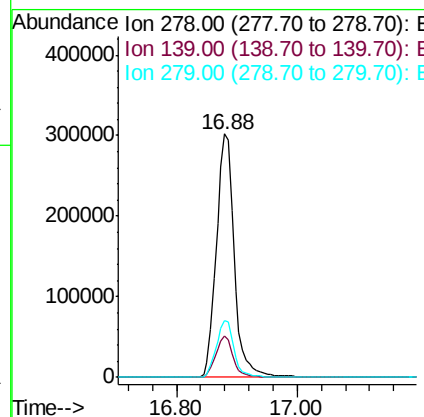
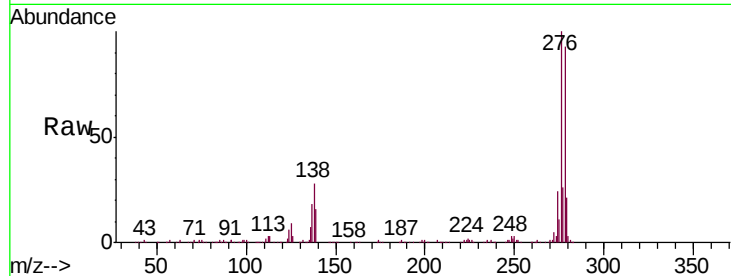
#91
Dibenzo(a,h)anthracene
Concen: 51.256 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.8	19.2
279	23.1	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 51.300 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.02 min
Lab File: BF116428.D
Acq: 20 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	22.4	17.0	25.6

