

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132226.D
 Acq On : 30 Jan 2023 23:31
 Operator : CG\JU
 Sample : 01328-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-BORING-1-0-7

Quant Time: Jan 31 00:36:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

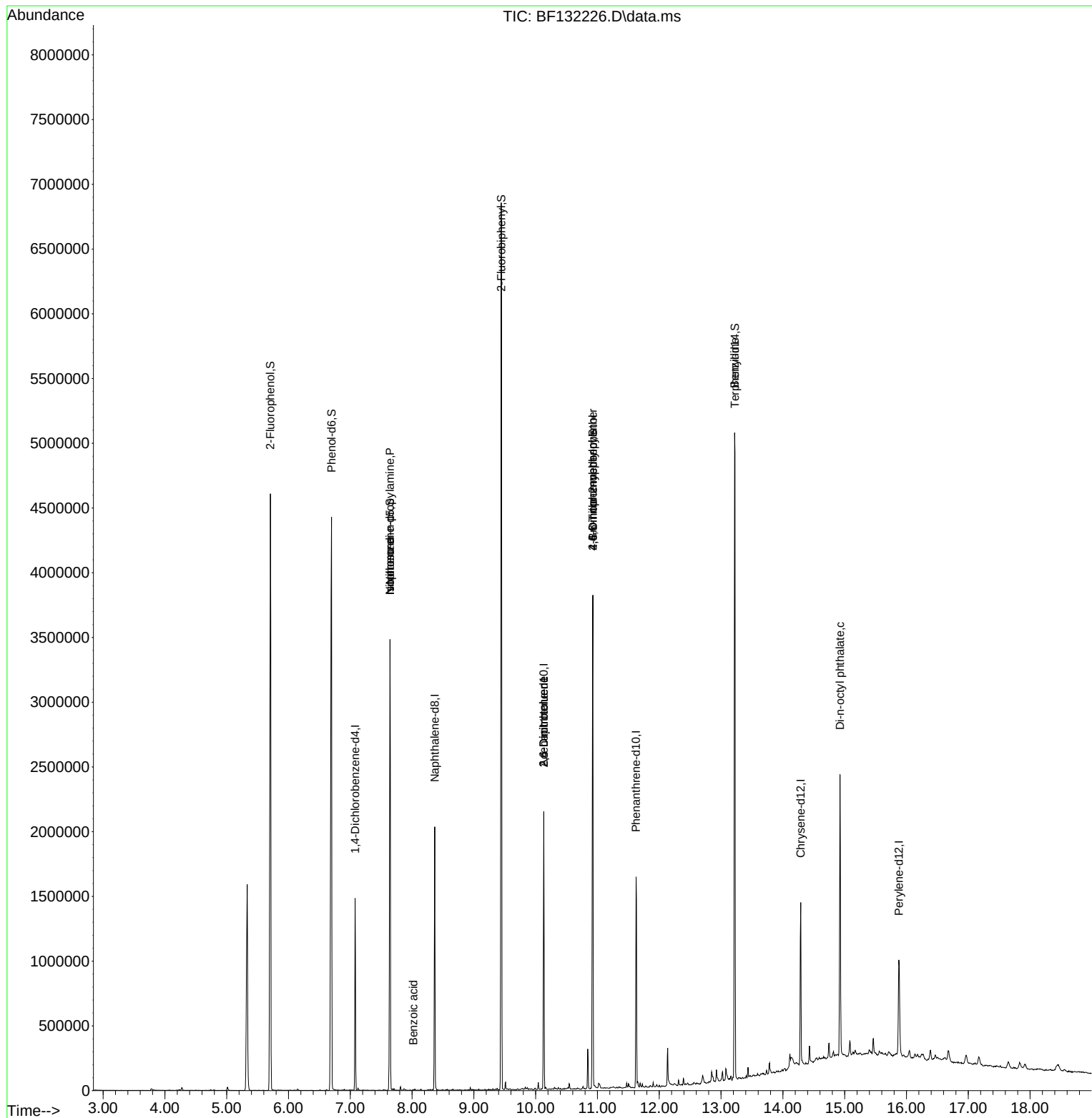
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	209592	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	780810	20.000	ng	0.00
39) Acenaphthene-d10	10.130	164	387669	20.000	ng	0.00
64) Phenanthrene-d10	11.624	188	603378	20.000	ng	0.00
76) Chrysene-d12	14.289	240	403436	20.000	ng	0.00
86) Perylene-d12	15.877	264	355342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1601964	127.170	ng	0.01
7) Phenol-d6	6.695	99	1989132	125.934	ng	0.00
23) Nitrobenzene-d5	7.642	82	1268594	85.058	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	450179	125.406	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	2124979	80.656	ng	0.00
79) Terphenyl-d14	13.224	244	1829756	71.257	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.642	70	162651	17.109	ng	# 76
25) Isophorone	7.642	82	1267223	44.180	ng	# 67
32) Benzoic acid	8.019	122	1993	7.508	ng	# 90
51) 2,6-Dinitrotoluene	10.130	165	50191	8.980	ng	# 22
57) 2,4-Dinitrotoluene	10.130	165	50191	7.294	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.925	198	1249	5.677	ng	# 1
67) 4-Bromophenyl-phenylether	10.925	248	31058	4.471	ng	# 1
77) Benzidine	13.219	184	25954	2.465	ng	# 86
85) Di-n-octyl phthalate	14.924	149	213925	13.077	ng	# 53

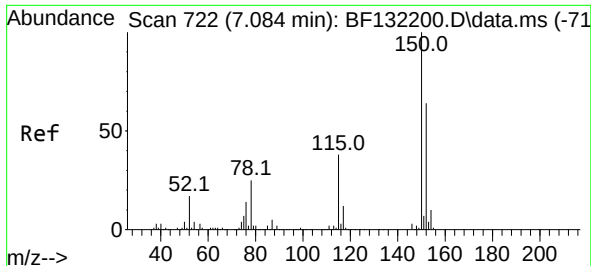
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132226.D
Acq On : 30 Jan 2023 23:31
Operator : CG\JU
Sample : 01328-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1-BORING-1-0-7

Quant Time: Jan 31 00:36:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 02:25:45 2023
Response via : Initial Calibration

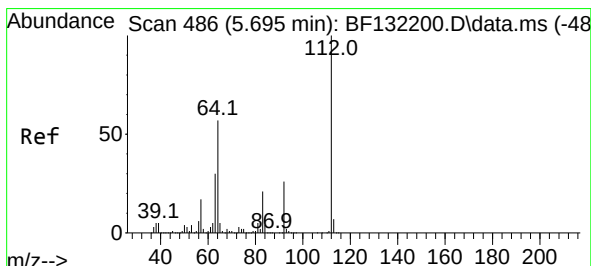
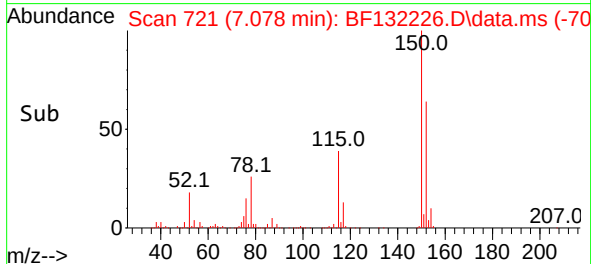
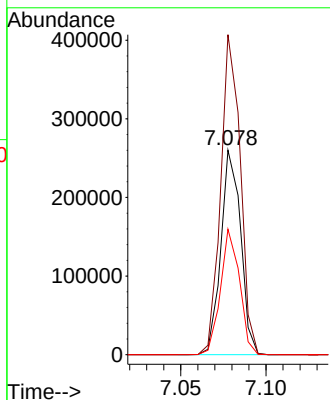
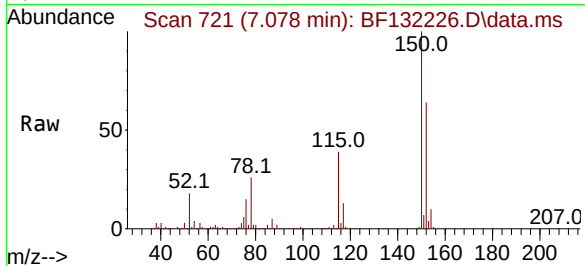




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.078 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

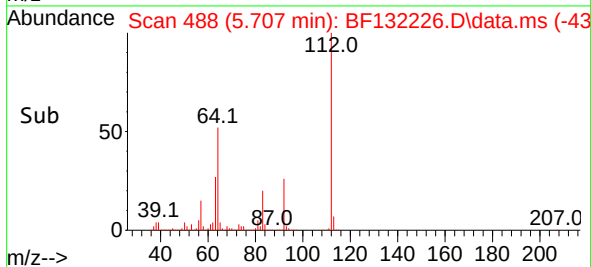
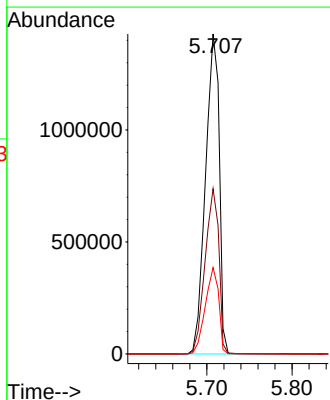
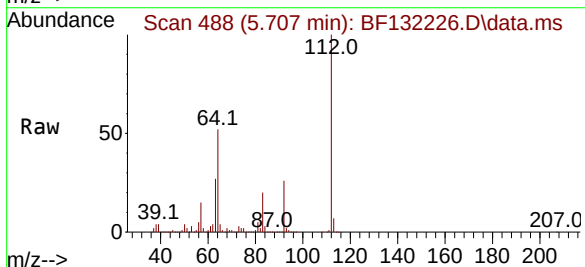
Instrument :
BNA_F
ClientSampleId :
COMP-1-BORING-1-0-7

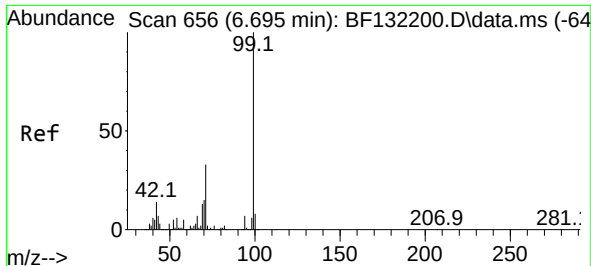
Tgt Ion:152 Resp: 209592
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 61.3 47.0 70.6



#5
2-Fluorophenol
Concen: 127.170 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.012 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

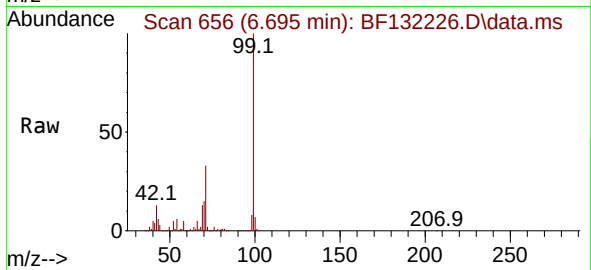
Tgt Ion:112 Resp: 1601964
Ion Ratio Lower Upper
112 100
64 51.6 45.5 68.3
63 27.0 23.7 35.5





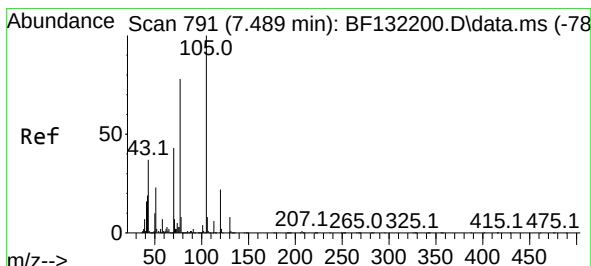
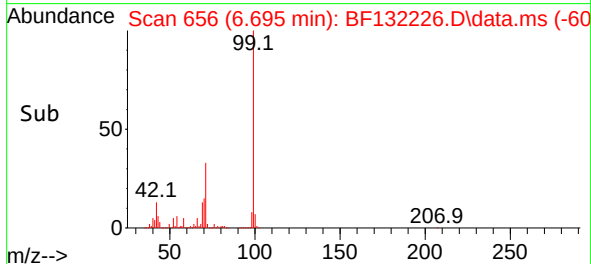
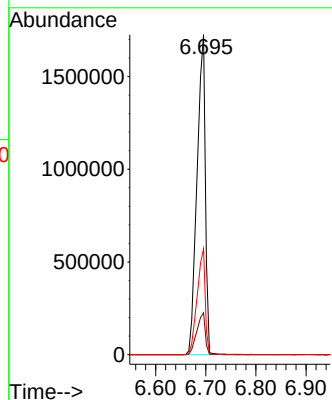
#7
Phenol-d6
Concen: 125.934 ng
RT: 6.695 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

Instrument :
BNA_F
ClientSampleId :
COMP-1-BORING-1-0-7



Tgt Ion: 99 Resp: 1989132

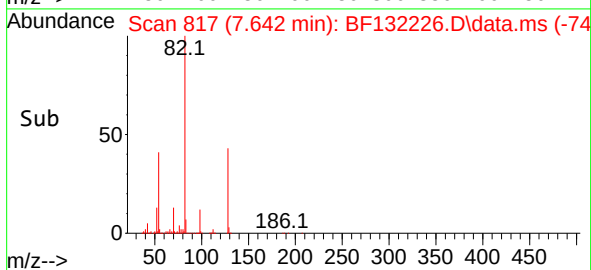
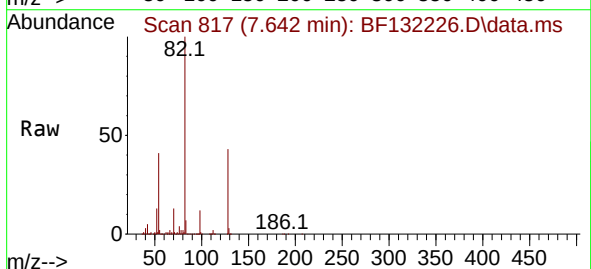
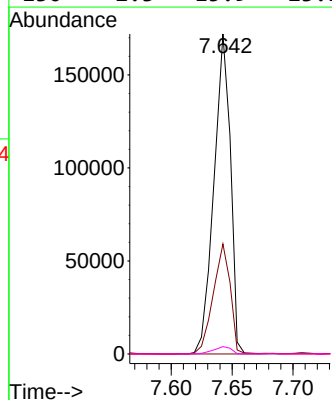
Ion	Ratio	Lower	Upper
99	100		
42	13.1	11.3	16.9
71	33.1	26.3	39.5

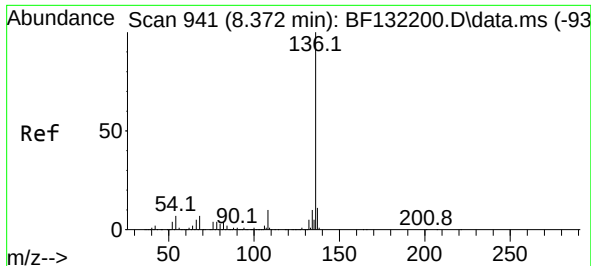


#19
n-Nitroso-di-n-propylamine
Concen: 17.109 ng
RT: 7.642 min Scan# 817
Delta R.T. 0.153 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

Tgt Ion: 70 Resp: 162651

Ion	Ratio	Lower	Upper
70	100		
42	34.4	36.2	54.4#
101	0.0	7.9	11.9#
130	2.3	15.9	23.9#

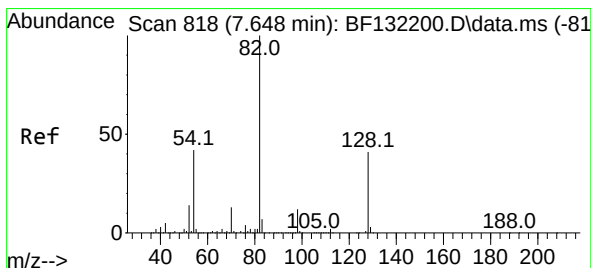
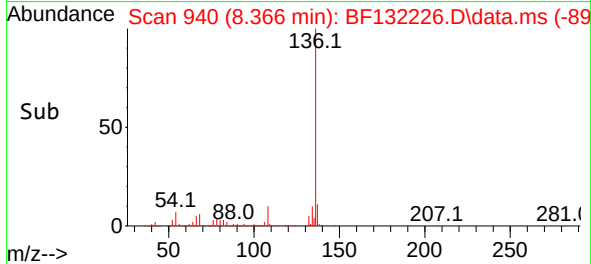
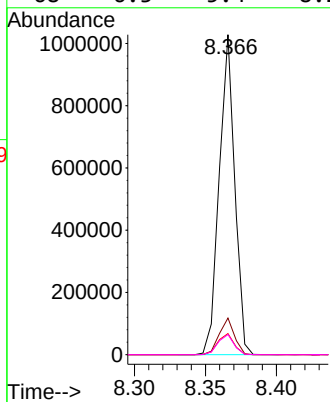
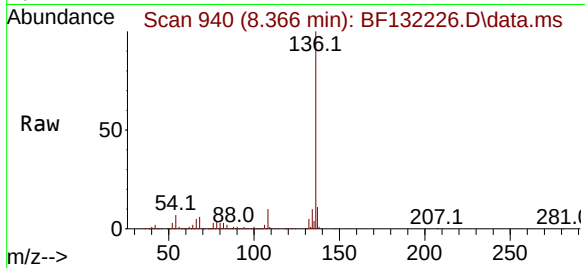




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

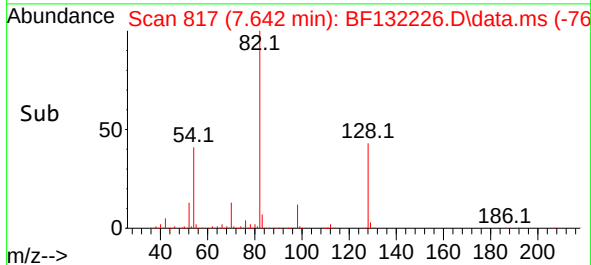
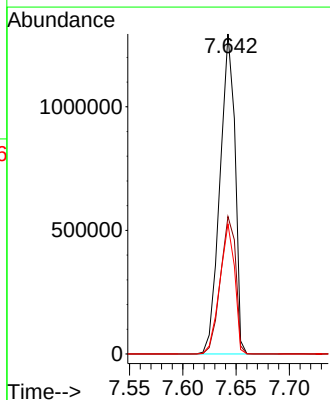
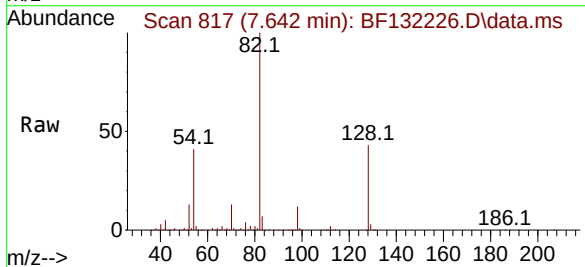
Instrument :
BNA_F
ClientSampleId :
COMP-1-BORING-1-0-7

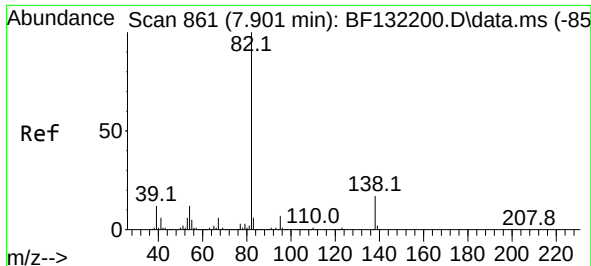
Tgt Ion:136 Resp: 780810
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 6.6 5.4 8.2
68 6.3 5.4 8.2



#23
Nitrobenzene-d5
Concen: 85.058 ng
RT: 7.642 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

Tgt Ion: 82 Resp: 1268594
Ion Ratio Lower Upper
82 100
128 43.0 32.7 49.1
54 40.6 33.3 49.9

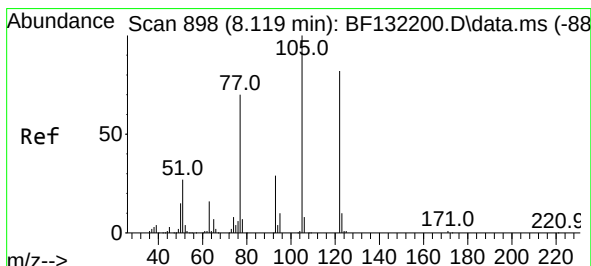
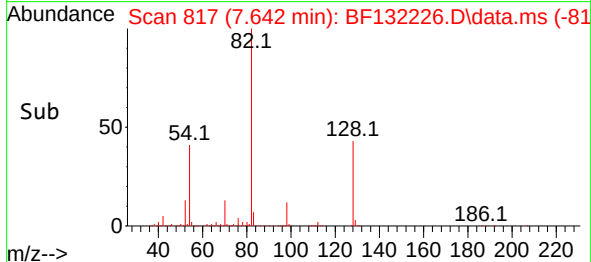
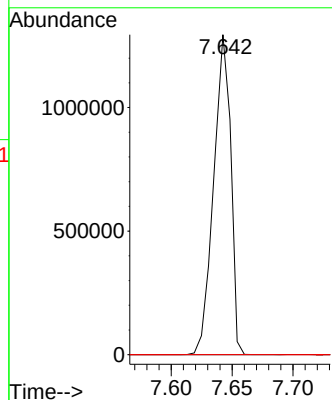
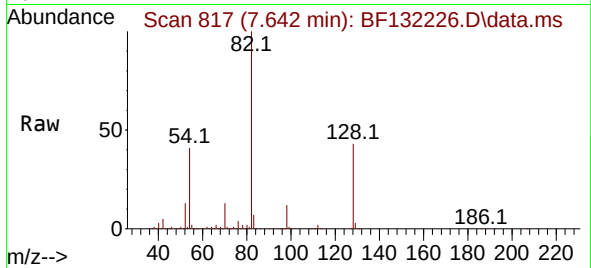




#25
Isophorone
Concen: 44.180 ng
RT: 7.642 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

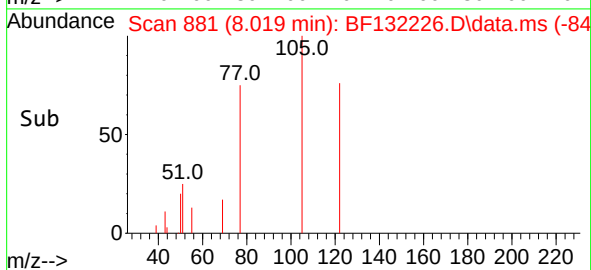
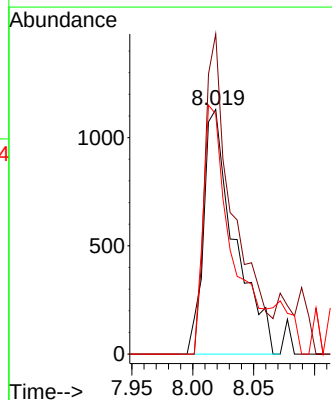
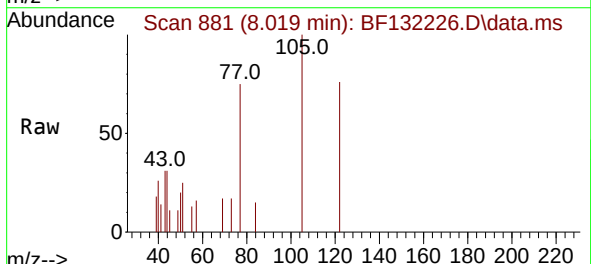
Instrument :
BNA_F
ClientSampleId :
COMP-1-BORING-1-0-7

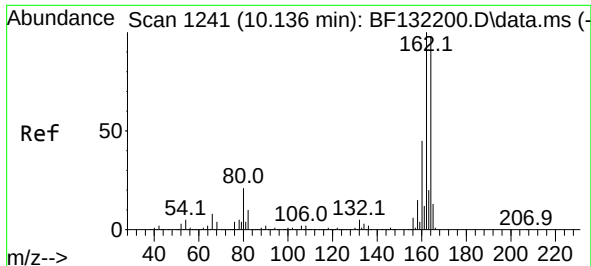
Tgt Ion: 82 Resp: 1267223
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.508 ng
RT: 8.019 min Scan# 881
Delta R.T. -0.100 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

Tgt Ion:122 Resp: 1993
Ion Ratio Lower Upper
122 100
105 130.9 101.5 141.5
77 98.1 66.5 106.5

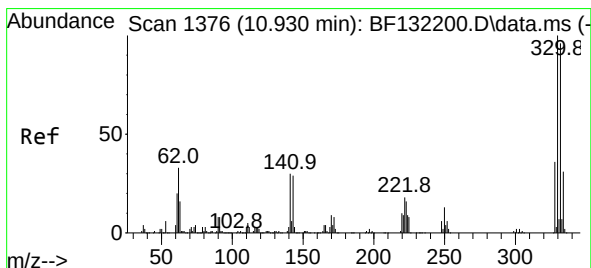
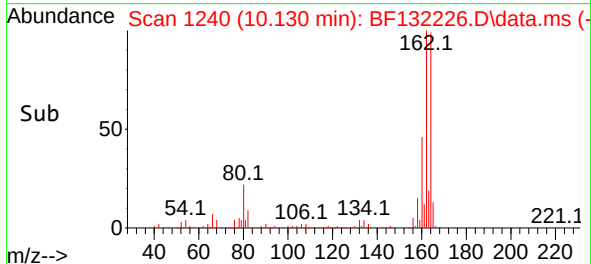
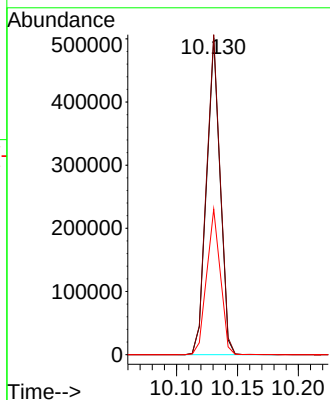
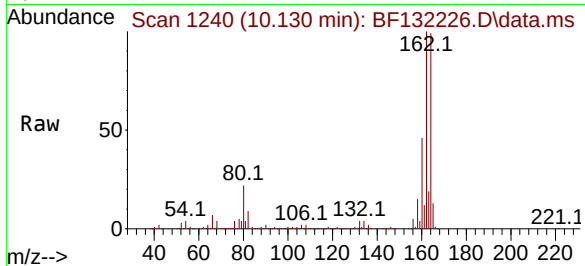




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.130 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

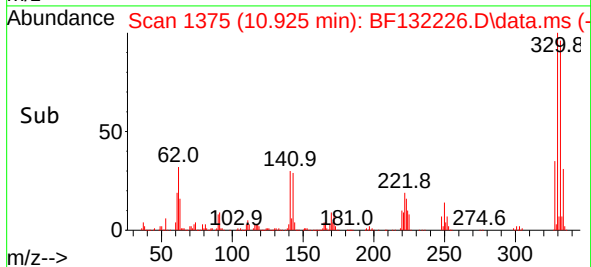
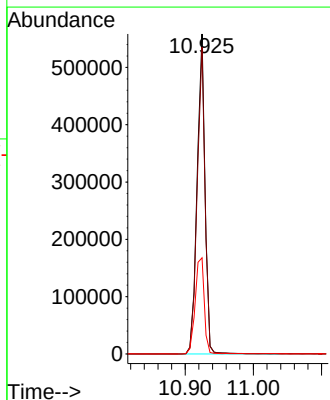
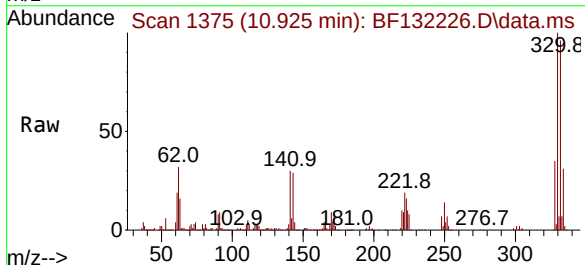
Instrument :
BNA_F
ClientSampleId :
COMP-1-BORING-1-0-7

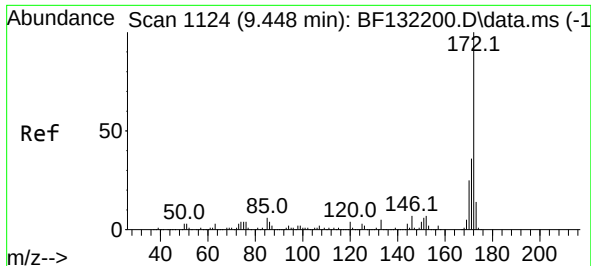
Tgt Ion:164 Resp: 387669
Ion Ratio Lower Upper
164 100
162 101.0 81.5 122.3
160 45.9 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 125.406 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

Tgt Ion:330 Resp: 450179
Ion Ratio Lower Upper
330 100
332 95.4 75.7 113.5
141 34.8 30.7 46.1

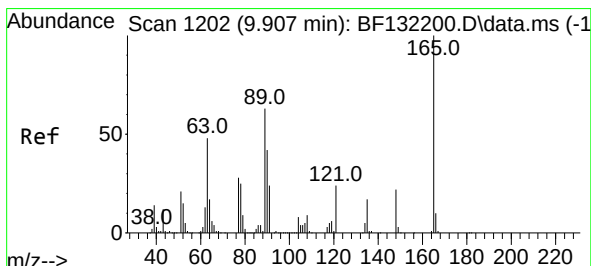
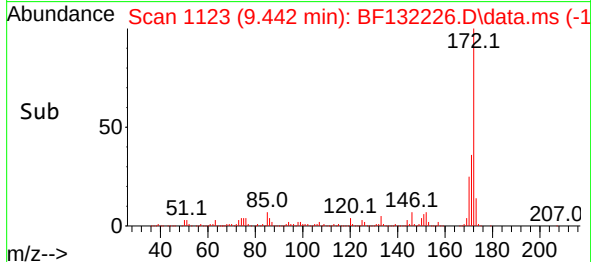
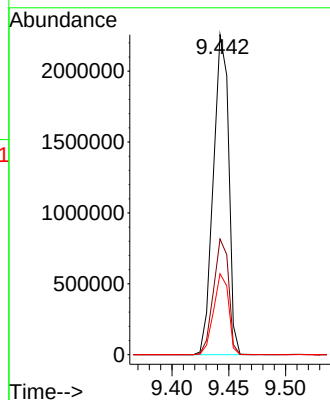
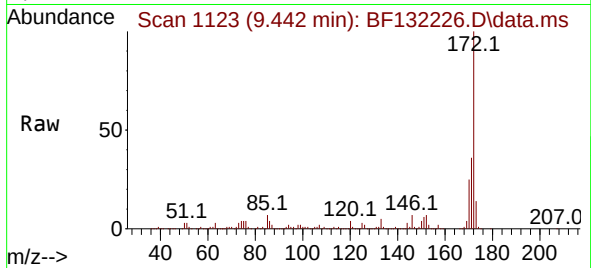




#45
2-Fluorobiphenyl
Concen: 80.656 ng
RT: 9.442 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

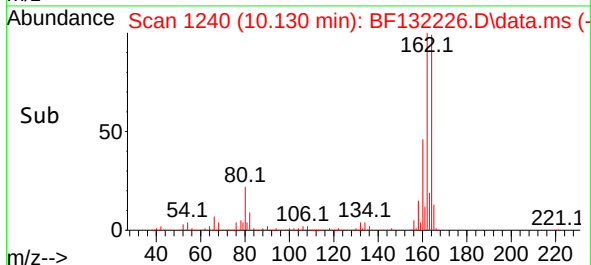
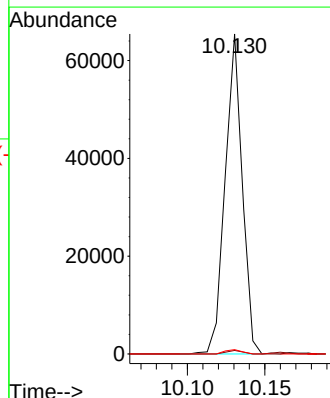
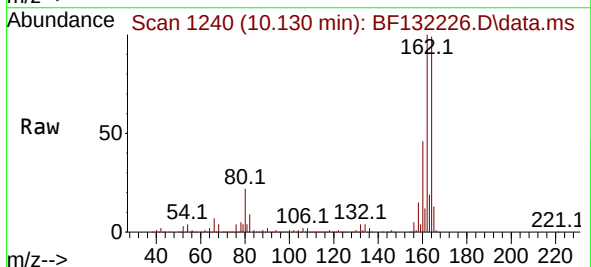
Instrument :
BNA_F
ClientSampleId :
COMP-1-BORING-1-0-7

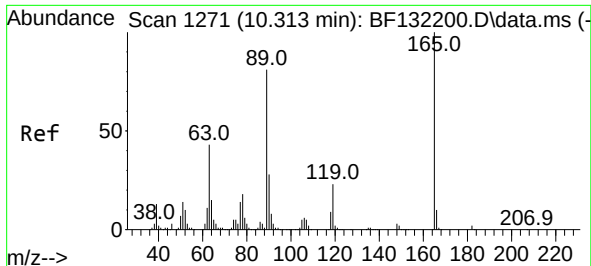
Tgt Ion:172 Resp: 2124979
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 25.3 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.980 ng
RT: 10.130 min Scan# 1240
Delta R.T. 0.223 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

Tgt Ion:165 Resp: 50191
Ion Ratio Lower Upper
165 100
63 1.1 46.1 69.1#
89 1.4 50.3 75.5#

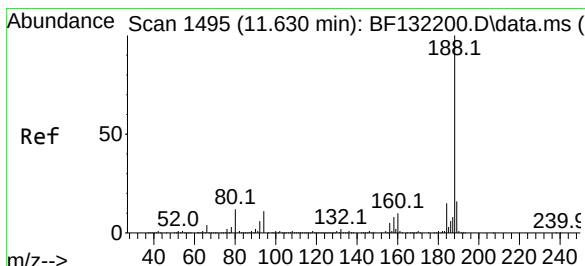
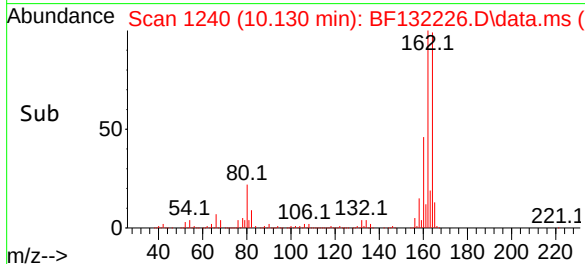
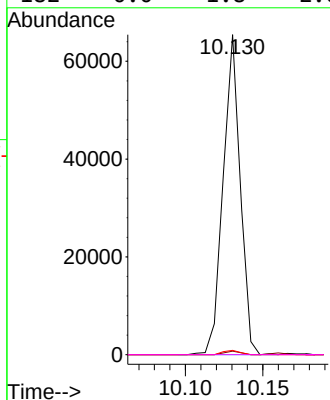
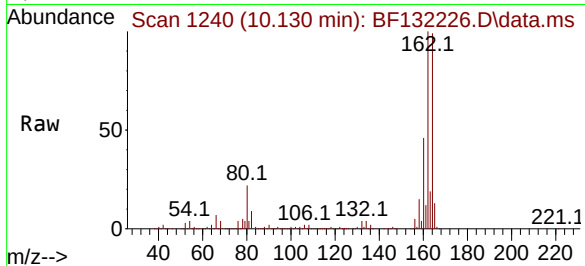




#57
2,4-Dinitrotoluene
Concen: 7.294 ng
RT: 10.130 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

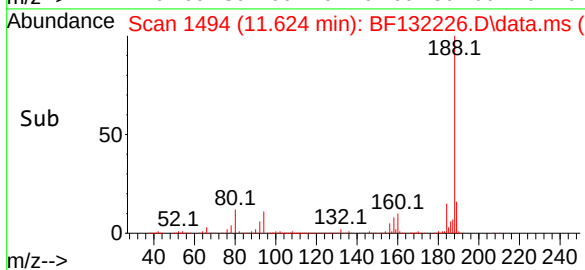
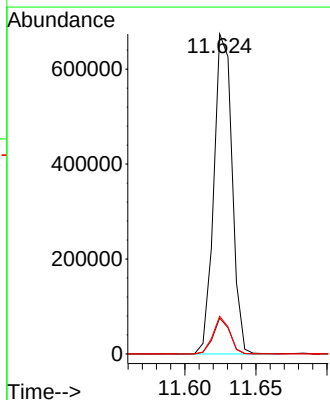
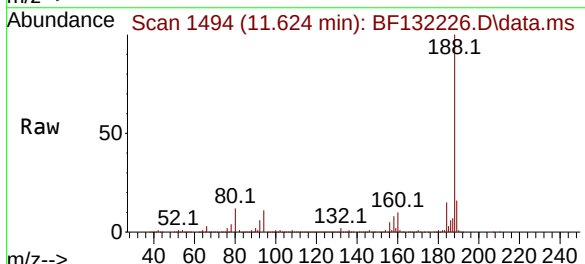
Instrument :
BNA_F
ClientSampleId :
COMP-1-BORING-1-0-7

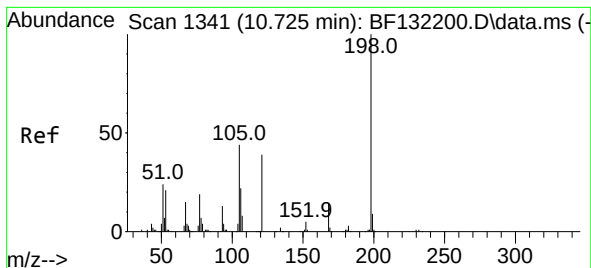
Tgt Ion:165 Resp: 50191
Ion Ratio Lower Upper
165 100
63 1.1 34.2 51.2#
89 1.4 65.1 97.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.624 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

Tgt Ion:188 Resp: 603378
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.8 9.2 13.8

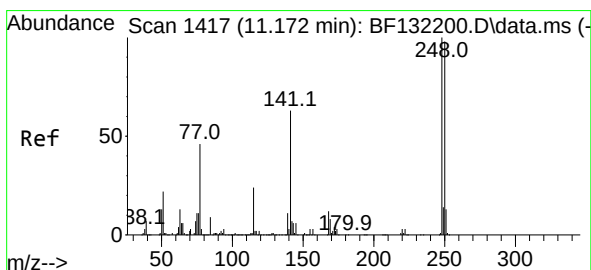
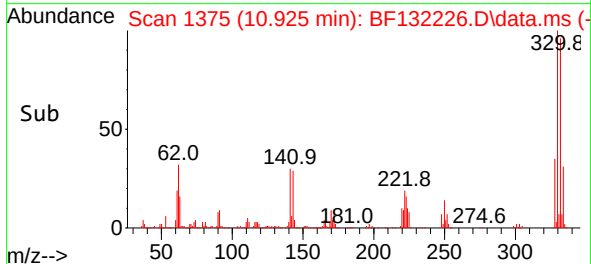
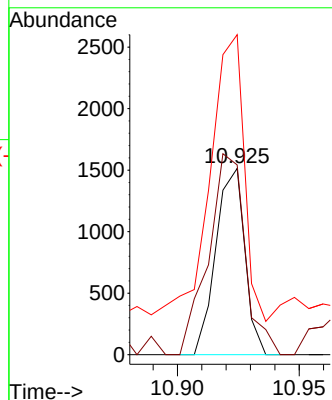
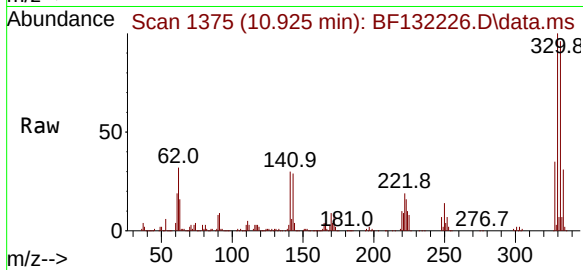




#65
4,6-Dinitro-2-methylphenol
Concen: 5.677 ng
RT: 10.925 min Scan# 1375
Delta R.T. 0.200 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

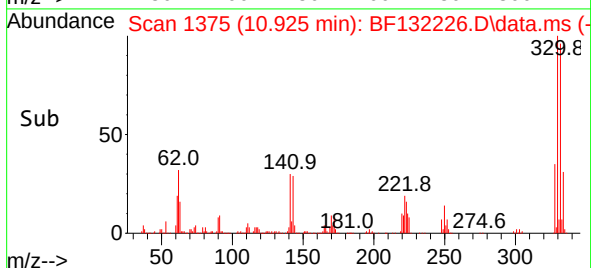
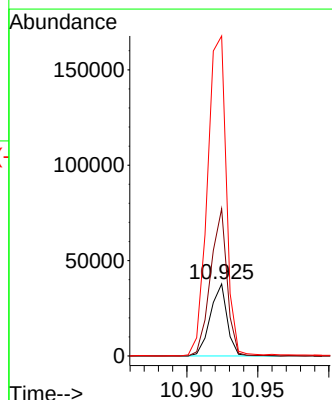
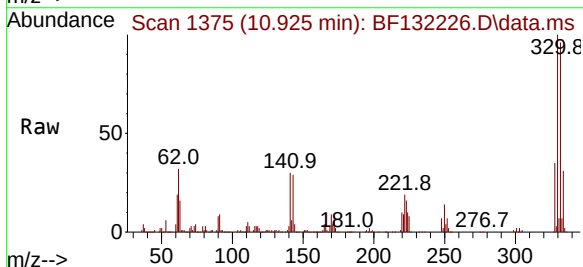
Instrument :
BNA_F
ClientSampleId :
COMP-1-BORING-1-0-7

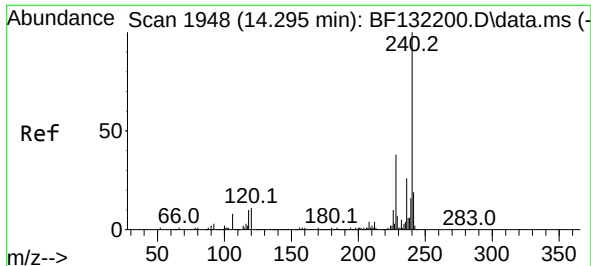
Tgt Ion:198 Resp: 1249
Ion Ratio Lower Upper
198 100
51 101.8 14.9 54.9#
105 171.8 24.2 64.2#



#67
4-Bromophenyl-phenylether
Concen: 4.471 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.247 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

Tgt Ion:248 Resp: 31058
Ion Ratio Lower Upper
248 100
250 204.2 78.5 117.7#
141 444.1 50.2 75.4#

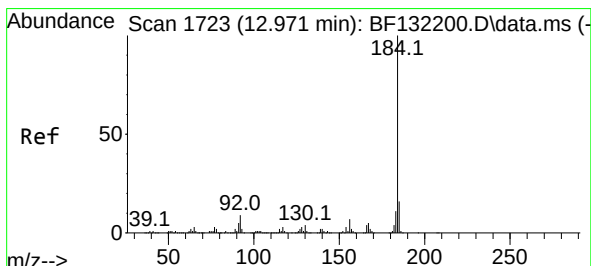
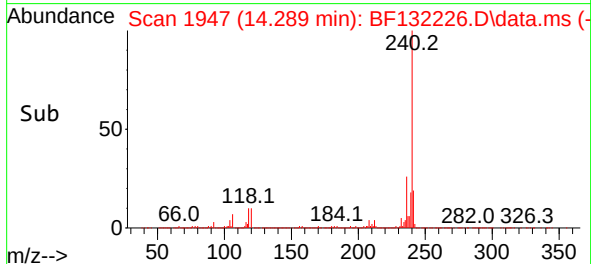
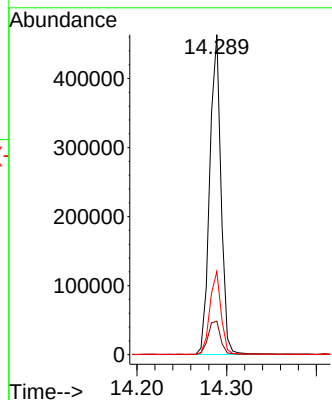
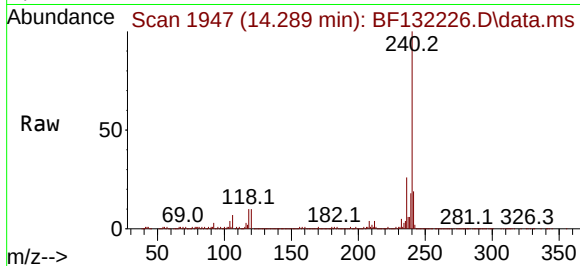




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

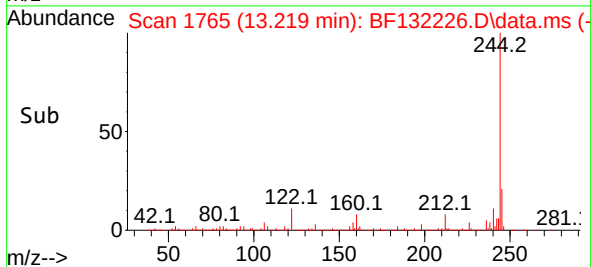
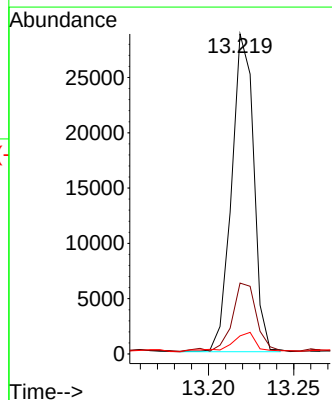
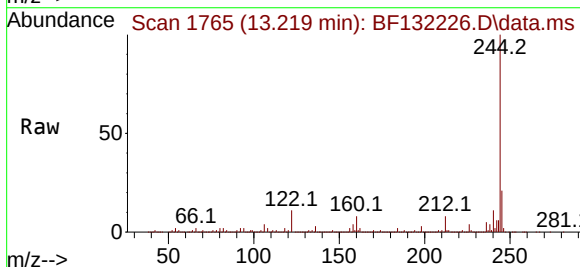
Instrument :
BNA_F
ClientSampleId :
COMP-1-BORING-1-0-7

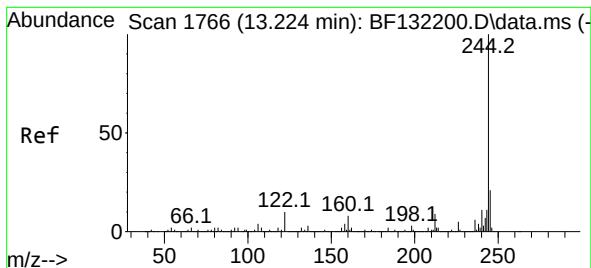
Tgt Ion:240 Resp: 403436
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 26.0 20.8 31.2



#77
Benzidine
Concen: 2.465 ng
RT: 13.219 min Scan# 1765
Delta R.T. 0.247 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

Tgt Ion:184 Resp: 25954
Ion Ratio Lower Upper
184 100
185 22.2 13.2 19.8#
183 5.7 8.8 13.2#





#79

Terphenyl-d14

Concen: 71.257 ng

RT: 13.224 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132226.D

Acq: 30 Jan 2023 23:31

Instrument :

BNA_F

ClientSampleId :

COMP-1-BORING-1-0-7

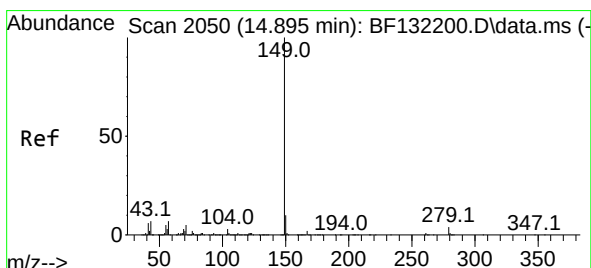
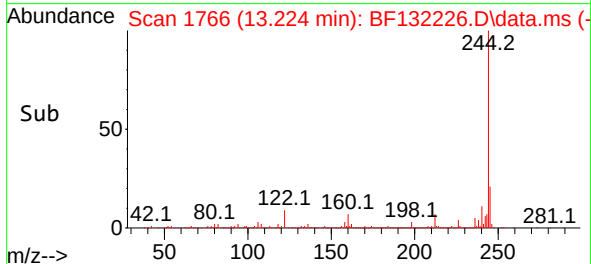
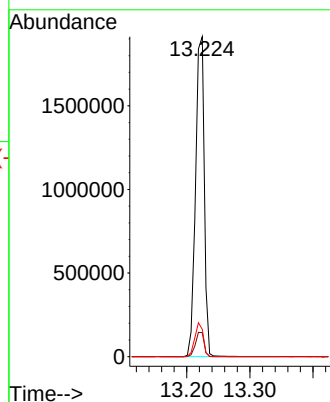
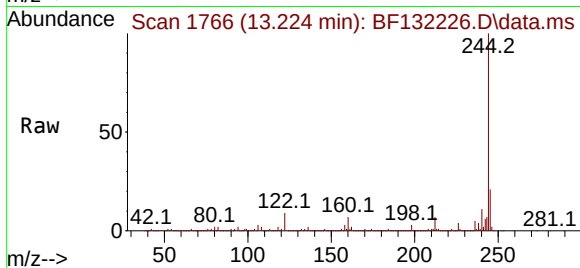
Tgt Ion:244 Resp: 1829756

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

122 8.6 8.3 12.5



#85

Di-n-octyl phthalate

Concen: 13.077 ng

RT: 14.924 min Scan# 2055

Delta R.T. 0.029 min

Lab File: BF132226.D

Acq: 30 Jan 2023 23:31

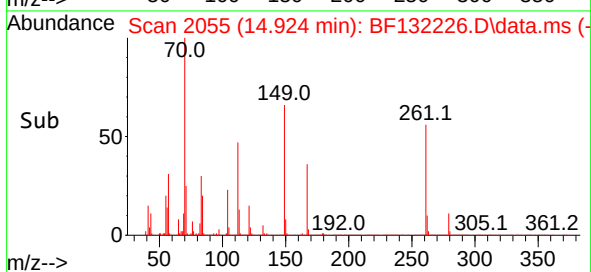
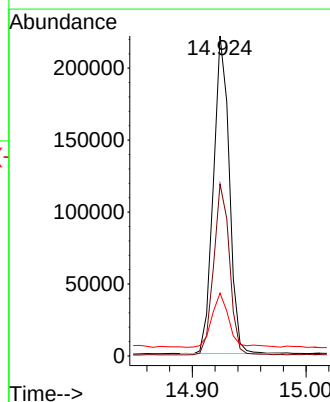
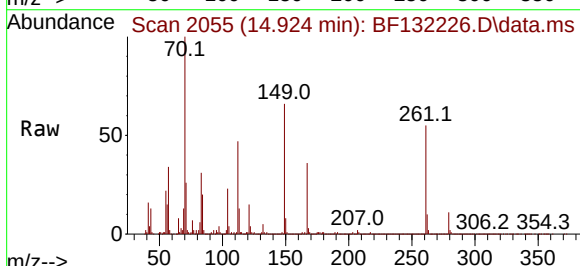
Tgt Ion:149 Resp: 213925

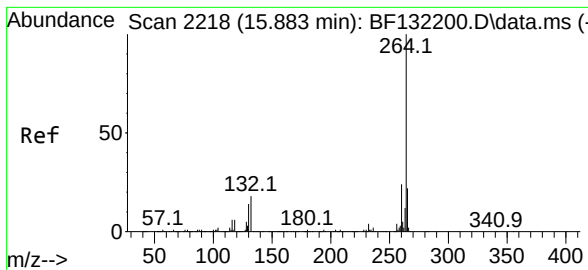
Ion Ratio Lower Upper

149 100

167 53.8 1.2 1.8#

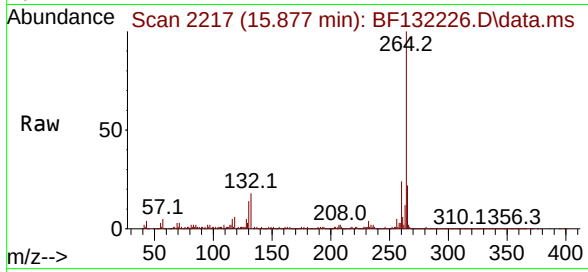
43 19.1 6.6 10.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.877 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132226.D
Acq: 30 Jan 2023 23:31

Instrument :
BNA_F
ClientSampleId :
COMP-1-BORING-1-0-7



Tgt Ion:	264	Resp:	355342
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.8	28.2
265	22.4	17.4	26.2

