

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132657.D
 Acq On : 06 Mar 2023 19:41
 Operator : CG\JU
 Sample : 01787-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Mar 07 00:57:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

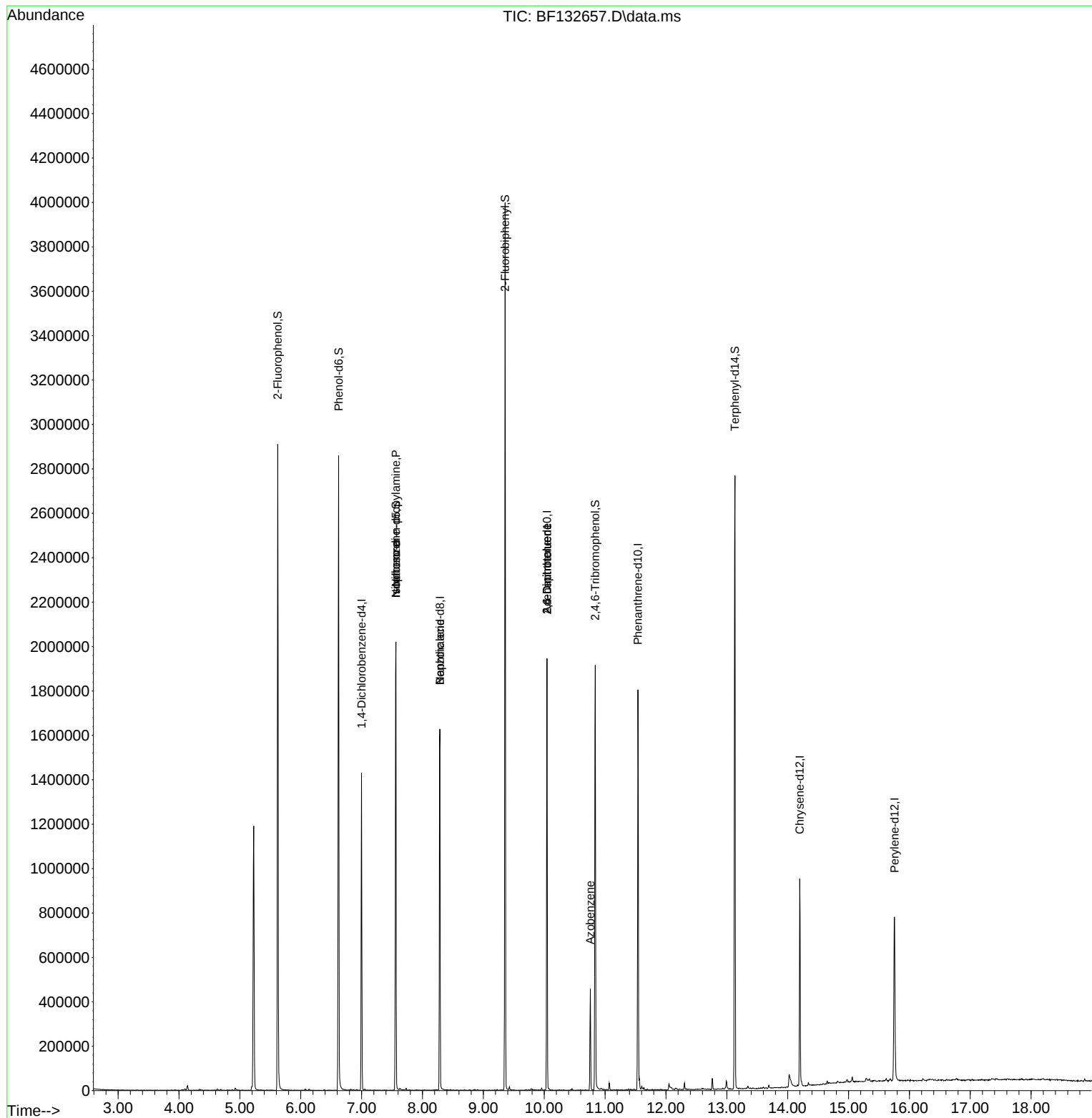
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	198797	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	719162	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	364370	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	662974	20.000	ng	0.00
76) Chrysene-d12	14.198	240	308030	20.000	ng	# 0.00
86) Perylene-d12	15.757	264	381861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	807155	65.896	ng	0.00
7) Phenol-d6	6.622	99	978730	61.224	ng	-0.01
23) Nitrobenzene-d5	7.563	82	666713	43.984	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	224808	57.130	ng	0.00
45) 2-Fluorobiphenyl	9.357	172	1118689	46.749	ng	-0.01
79) Terphenyl-d14	13.133	244	995463	54.640	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.563	70	85156	8.655	ng	# 74
25) Isophorone	7.563	82	666709	22.941	ng	# 67
32) Benzoic acid	8.286	122	138	3.850	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	49538	8.199	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	49538	6.163	ng	# 21
63) Azobenzene	10.757	77	73314	2.672	ng	# 1

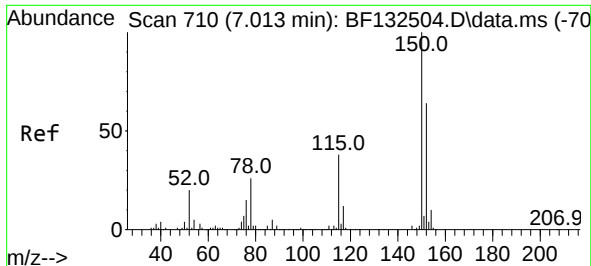
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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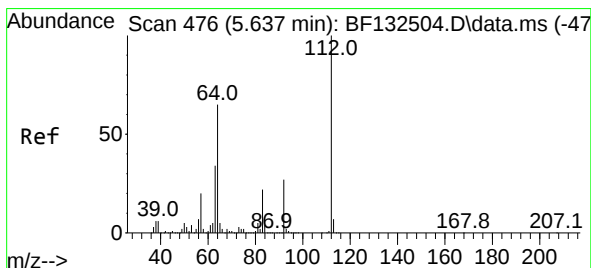
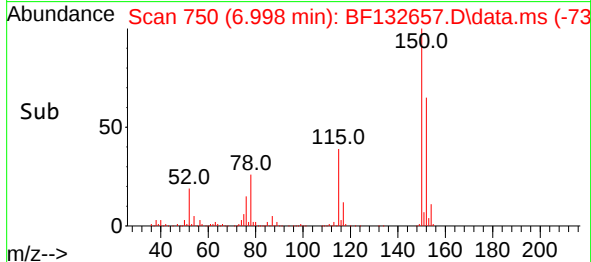
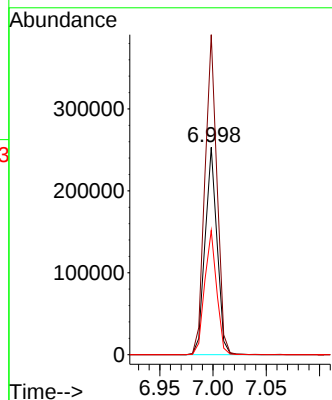
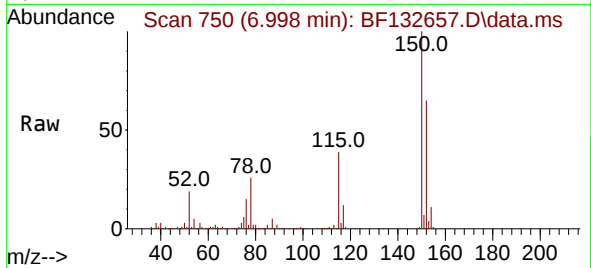




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

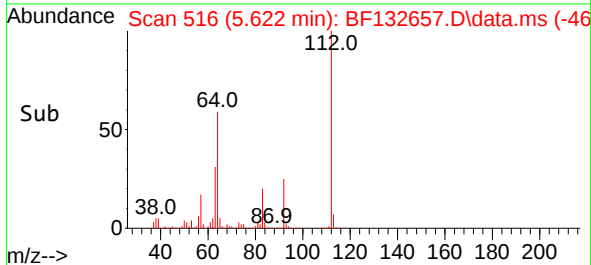
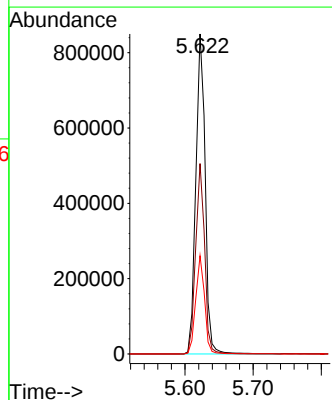
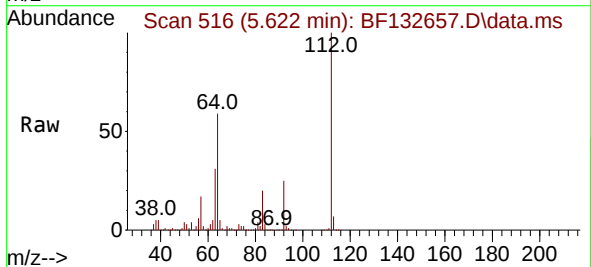
Instrument :
BNA_F
ClientSampleId :
COMP-1

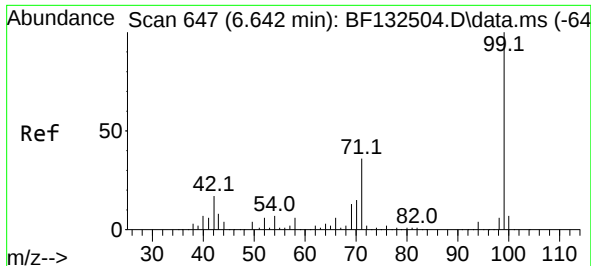
Tgt Ion:152 Resp: 198797
Ion Ratio Lower Upper
152 100
150 154.3 125.4 188.2
115 59.9 47.8 71.6



#5
2-Fluorophenol
Concen: 65.896 ng
RT: 5.622 min Scan# 516
Delta R.T. -0.009 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

Tgt Ion:112 Resp: 807155
Ion Ratio Lower Upper
112 100
64 59.5 51.6 77.4
63 30.7 27.4 41.2

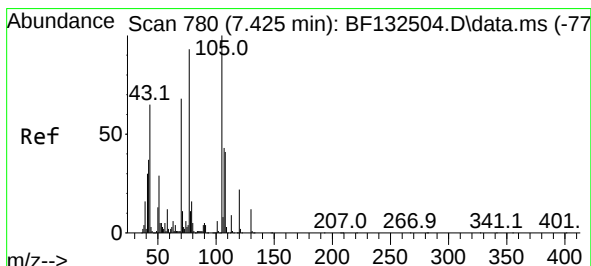
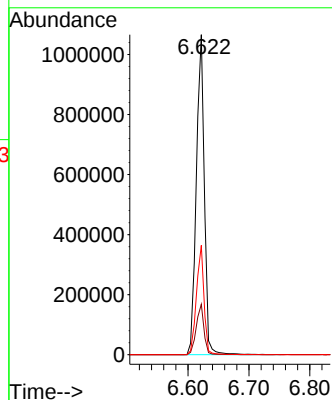
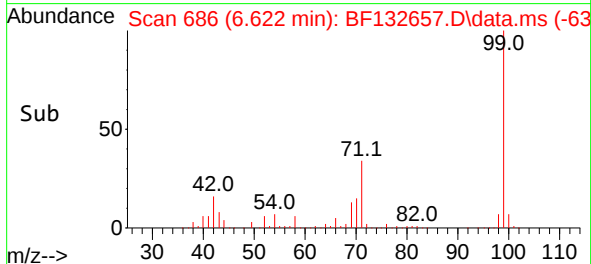
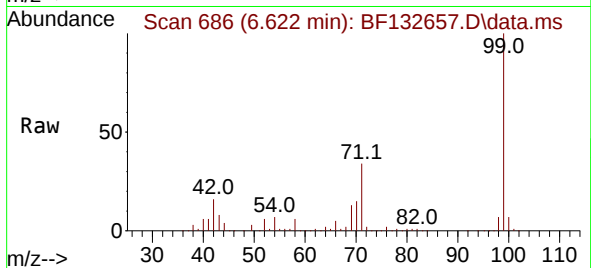




#7
Phenol-d6
Concen: 61.224 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

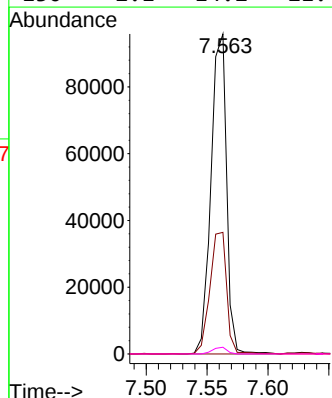
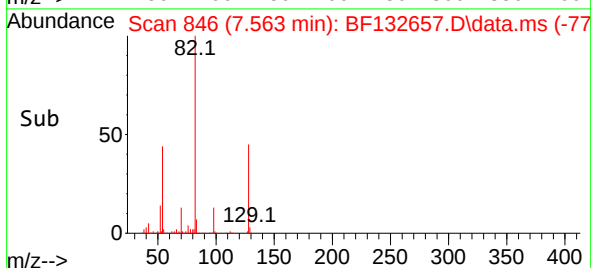
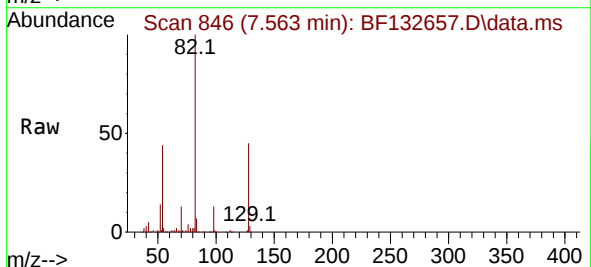
Instrument :
BNA_F
ClientSampleId :
COMP-1

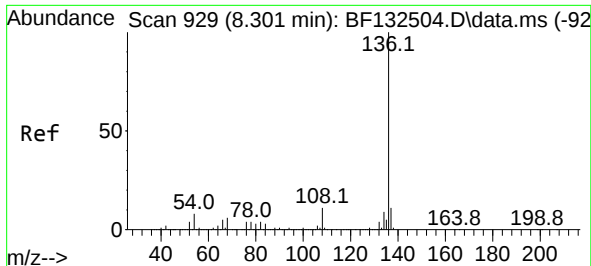
Tgt Ion: 99 Resp: 978730
Ion Ratio Lower Upper
99 100
42 15.7 13.9 20.9
71 34.1 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 8.655 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

Tgt Ion: 70 Resp: 85156
Ion Ratio Lower Upper
70 100
42 38.0 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

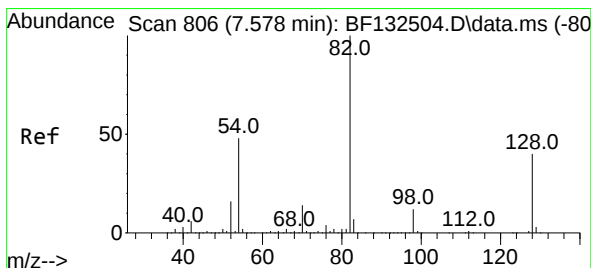
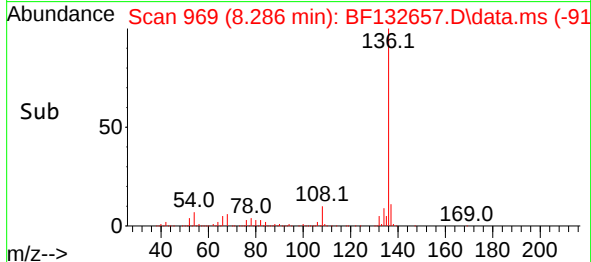
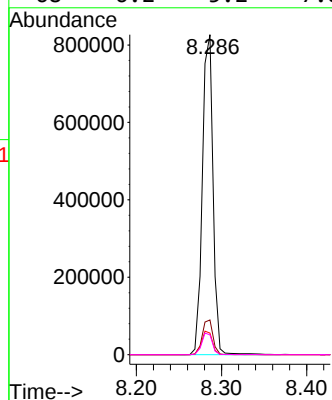
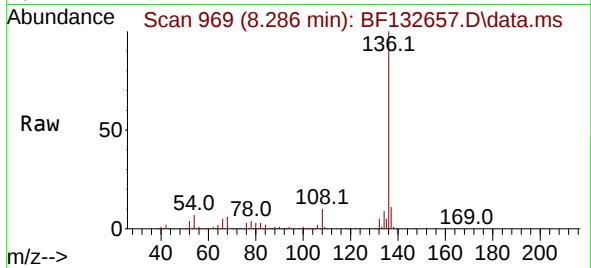




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

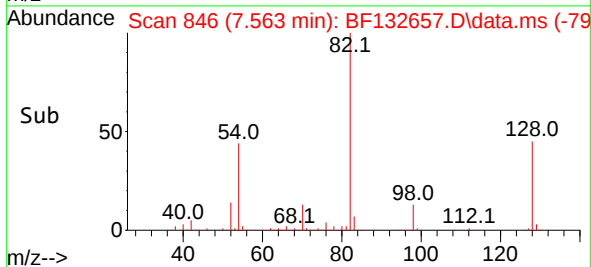
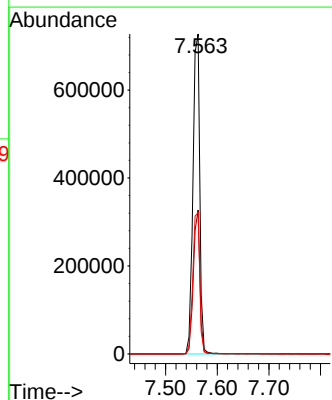
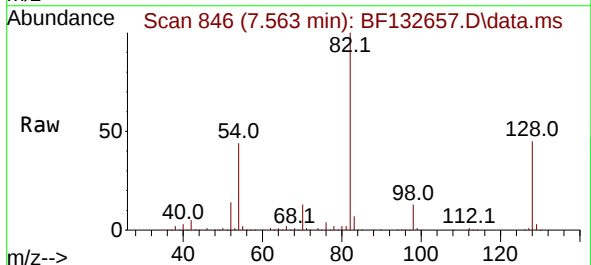
Instrument :
BNA_F
ClientSampleId :
COMP-1

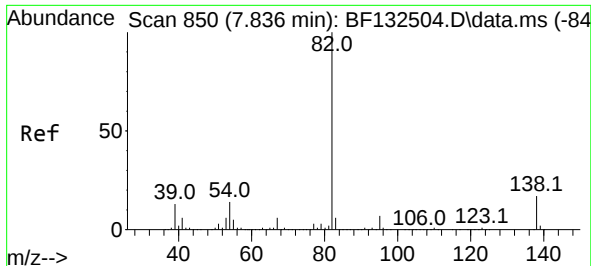
Tgt Ion:136 Resp: 719162
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.7 6.2 9.4
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 43.984 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

Tgt Ion: 82 Resp: 666713
Ion Ratio Lower Upper
82 100
128 45.0 32.2 48.2
54 44.2 38.4 57.6

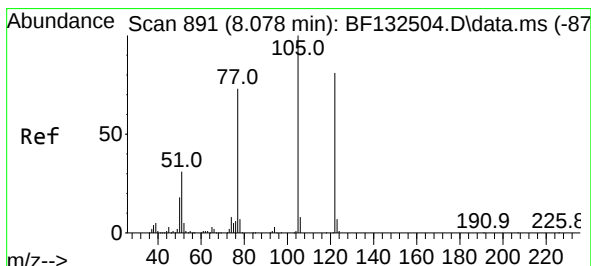
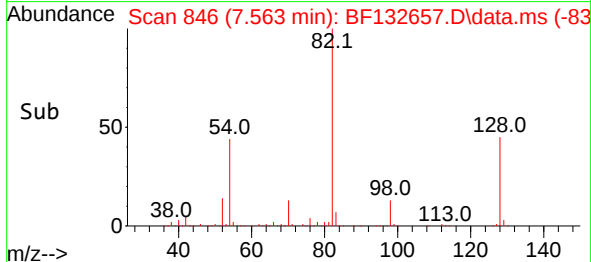
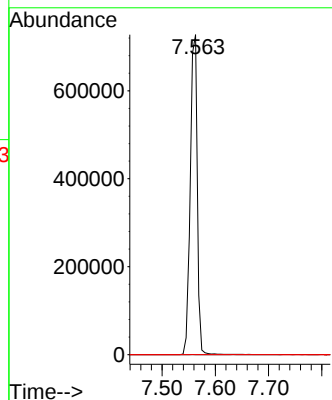
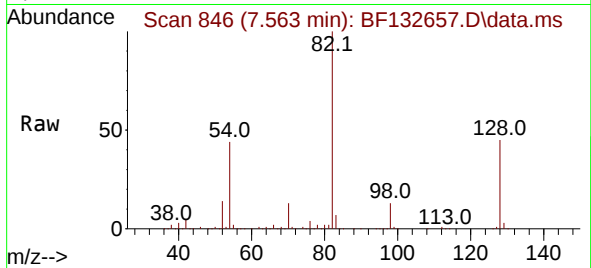




#25
Isophorone
Concen: 22.941 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

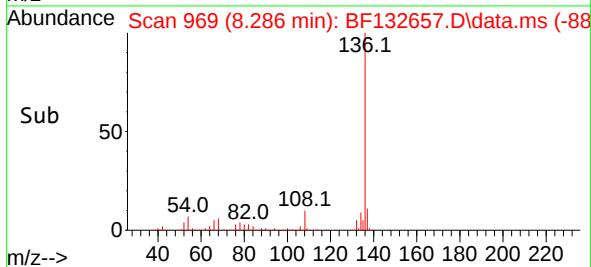
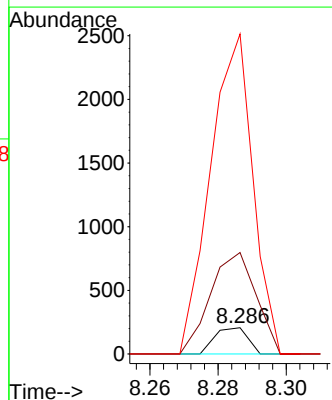
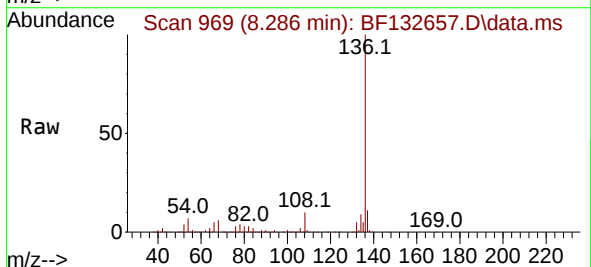
Instrument :
BNA_F
ClientSampleId :
COMP-1

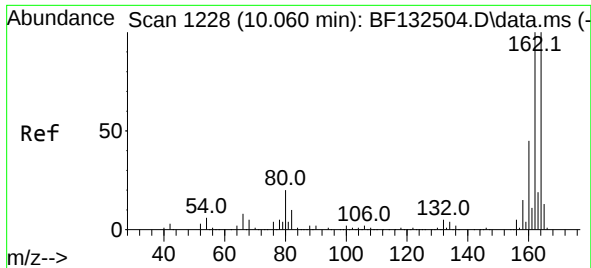
Tgt Ion: 82 Resp: 666709
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.850 ng
RT: 8.286 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

Tgt Ion: 122 Resp: 138
Ion Ratio Lower Upper
122 100
105 386.9 102.6 142.6#
77 1220.4 70.2 110.2#

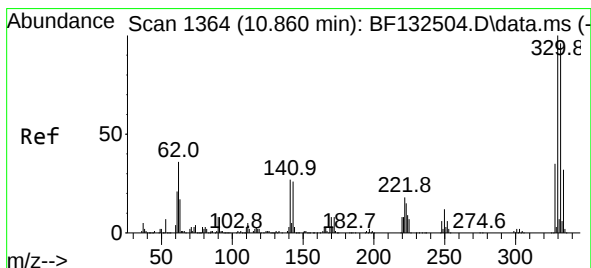
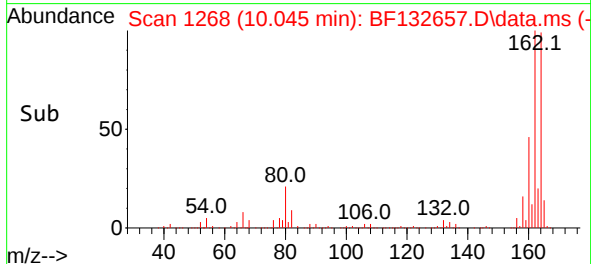
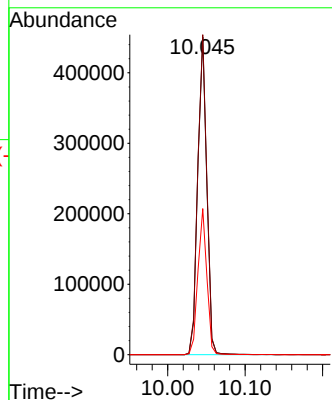
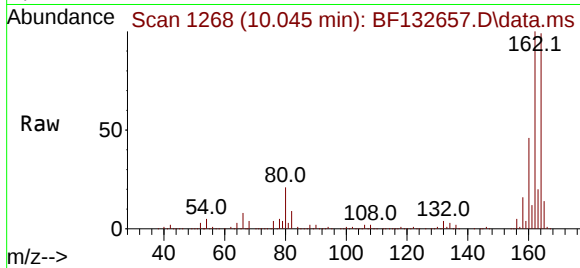




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

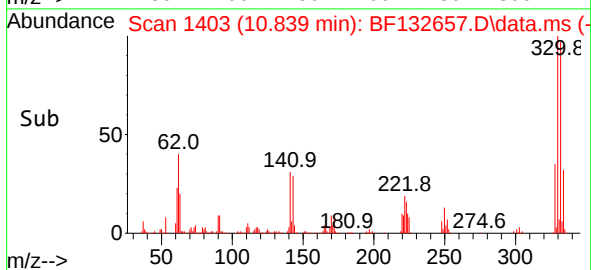
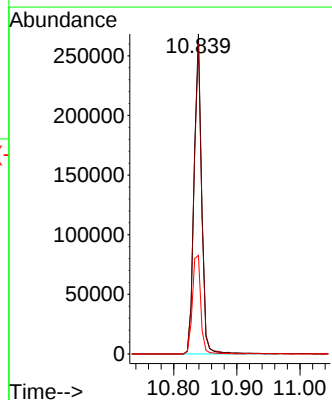
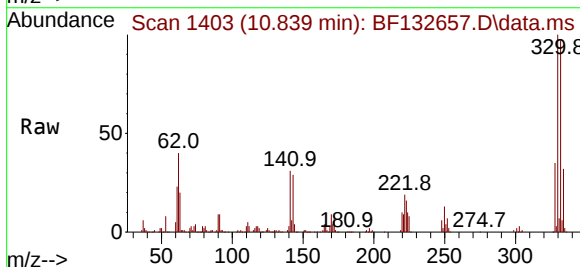
Instrument :
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ClientSampleId :
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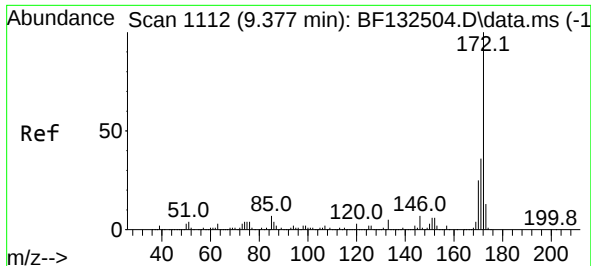
Tgt Ion:164 Resp: 364370
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 46.0 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 57.130 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

Tgt Ion:330 Resp: 224808
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 34.2 28.4 42.6

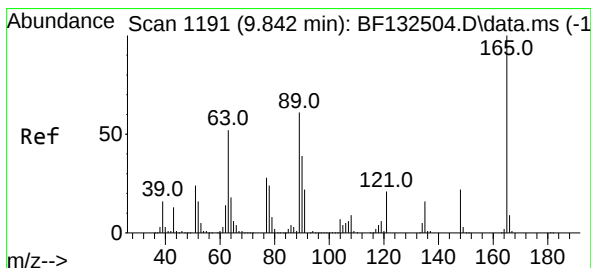
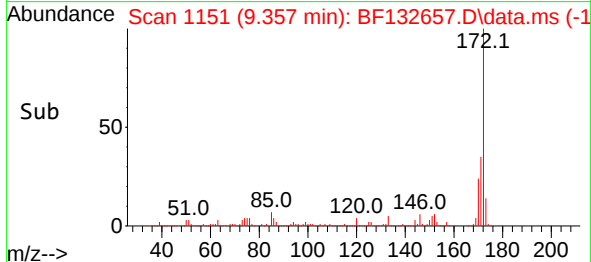
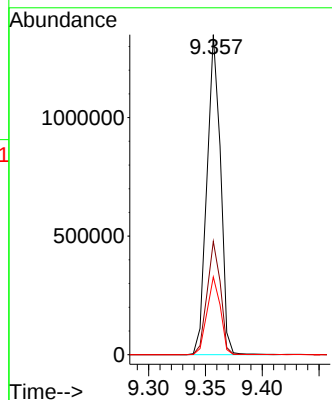
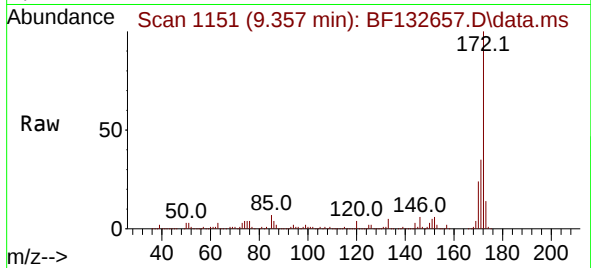




#45
2-Fluorobiphenyl
Concen: 46.749 ng
RT: 9.357 min Scan# 1112
Delta R.T. -0.015 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

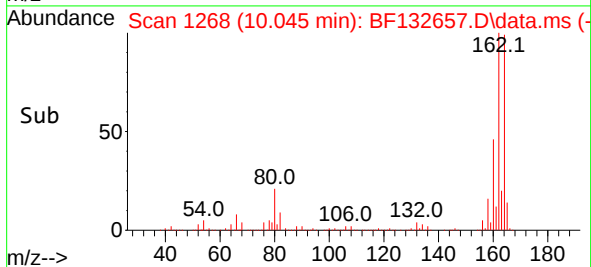
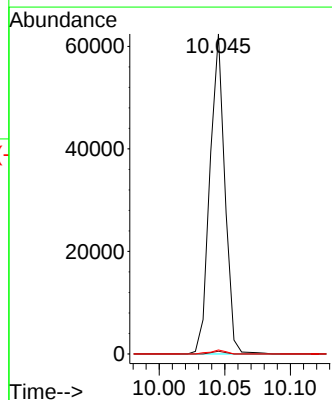
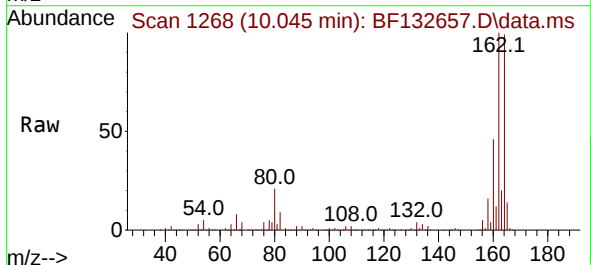
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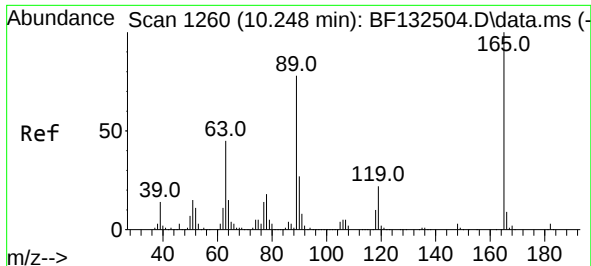
Tgt Ion:172 Resp: 1118689
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.3 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 8.199 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

Tgt Ion:165 Resp: 49538
Ion Ratio Lower Upper
165 100
63 0.9 47.3 70.9#
89 1.2 48.9 73.3#

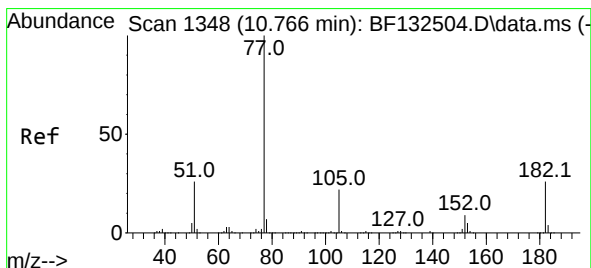
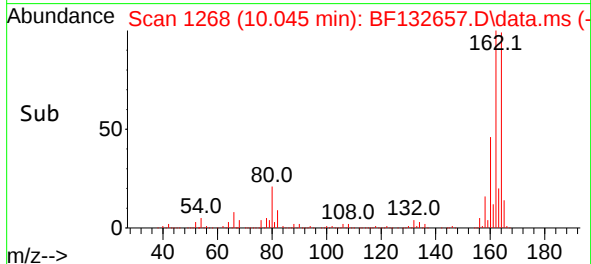
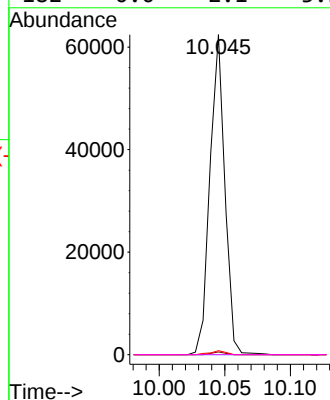
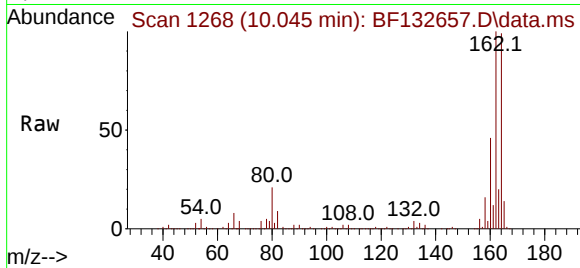




#57
2,4-Dinitrotoluene
Concen: 6.163 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

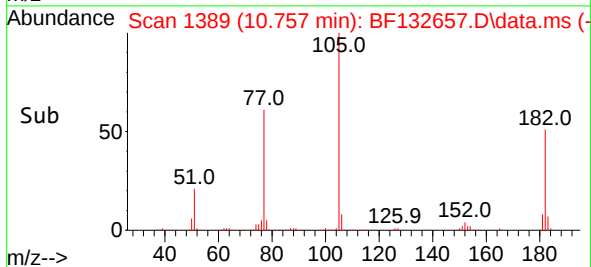
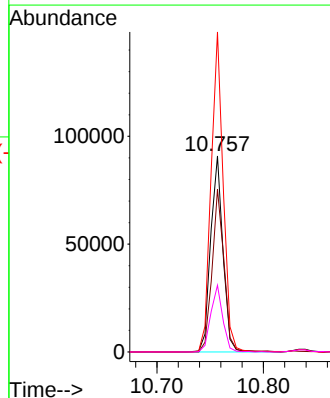
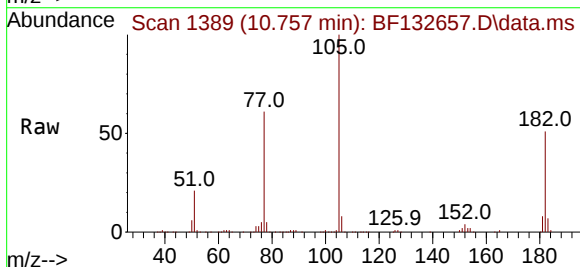
Instrument :
BNA_F
ClientSampleId :
COMP-1

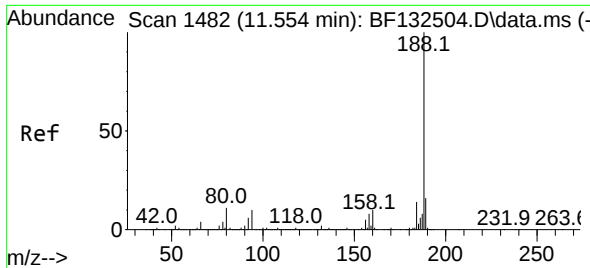
Tgt Ion:165 Resp: 49538
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 2.672 ng
RT: 10.757 min Scan# 1389
Delta R.T. 0.003 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

Tgt Ion: 77 Resp: 73314
Ion Ratio Lower Upper
77 100
182 83.0 5.5 45.5#
105 163.3 1.8 41.8#
51 34.0 6.4 46.4

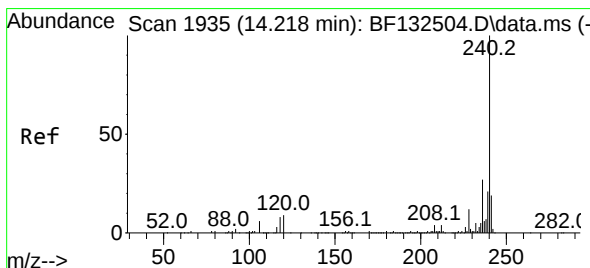
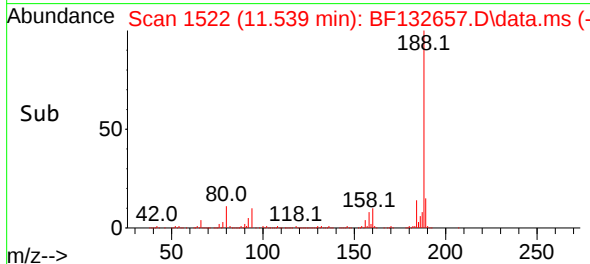
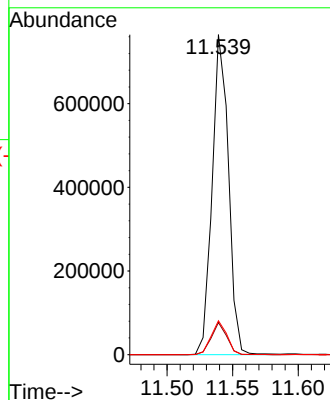
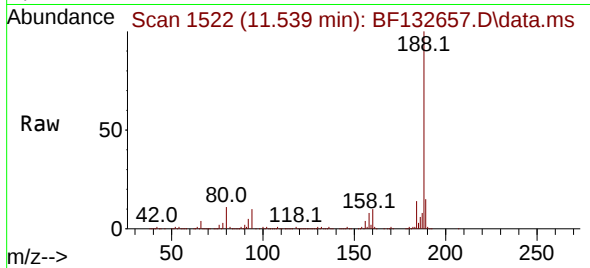




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

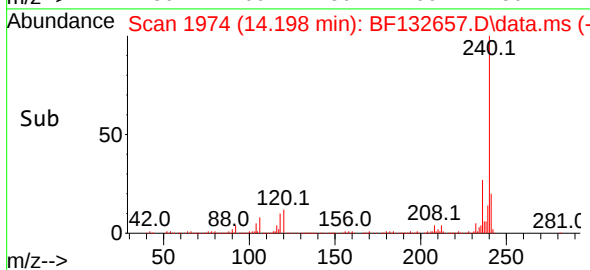
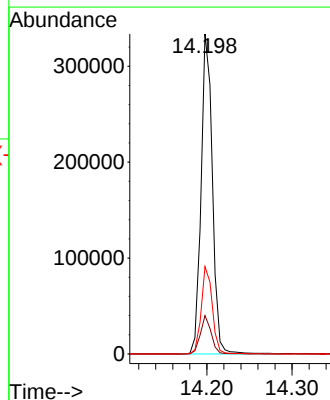
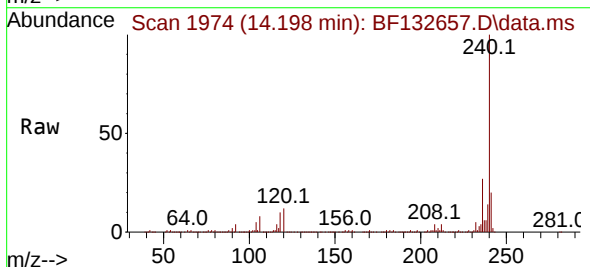
Instrument :
BNA_F
ClientSampleId :
COMP-1

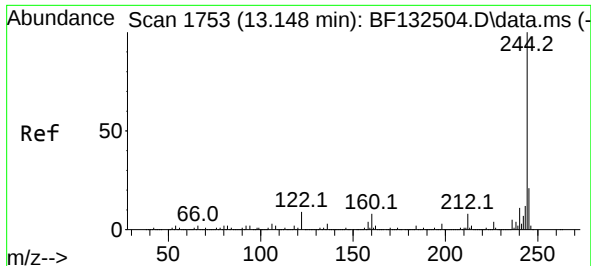
Tgt Ion:188 Resp: 662974
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BF132657.D
Acq: 06 Mar 2023 19:41

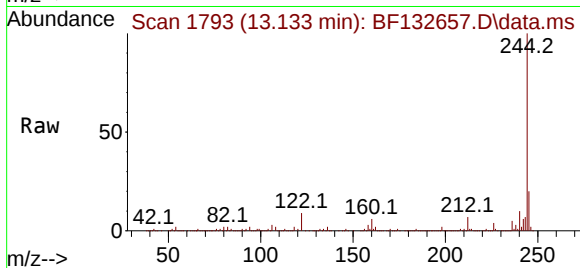
Tgt Ion:240 Resp: 308030
Ion Ratio Lower Upper
240 100
120 12.0 7.2 10.8#
236 27.3 21.8 32.6



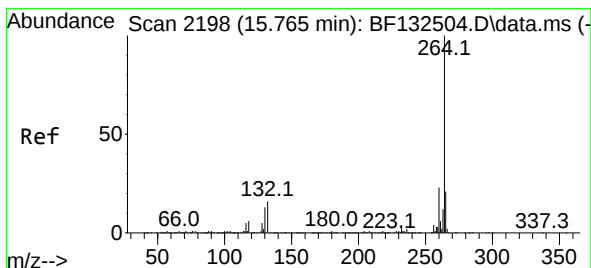
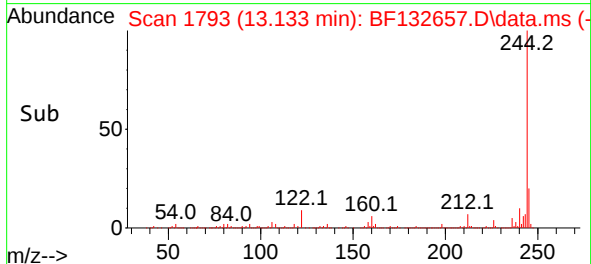
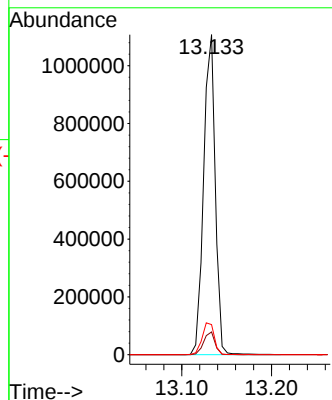


#79
 Terphenyl-d14
 Concen: 54.640 ng
 RT: 13.133 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BF132657.D
 Acq: 06 Mar 2023 19:41

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1



Tgt Ion:244 Resp: 995463
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 9.4 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 2239
 Delta R.T. 0.003 min
 Lab File: BF132657.D
 Acq: 06 Mar 2023 19:41

Tgt Ion:264 Resp: 381861
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.9 17.1 25.7

