

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132651.D
 Acq On : 06 Mar 2023 16:28
 Operator : CG\JU
 Sample : 01767-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-45-030123

Quant Time: Mar 07 00:54:58 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)

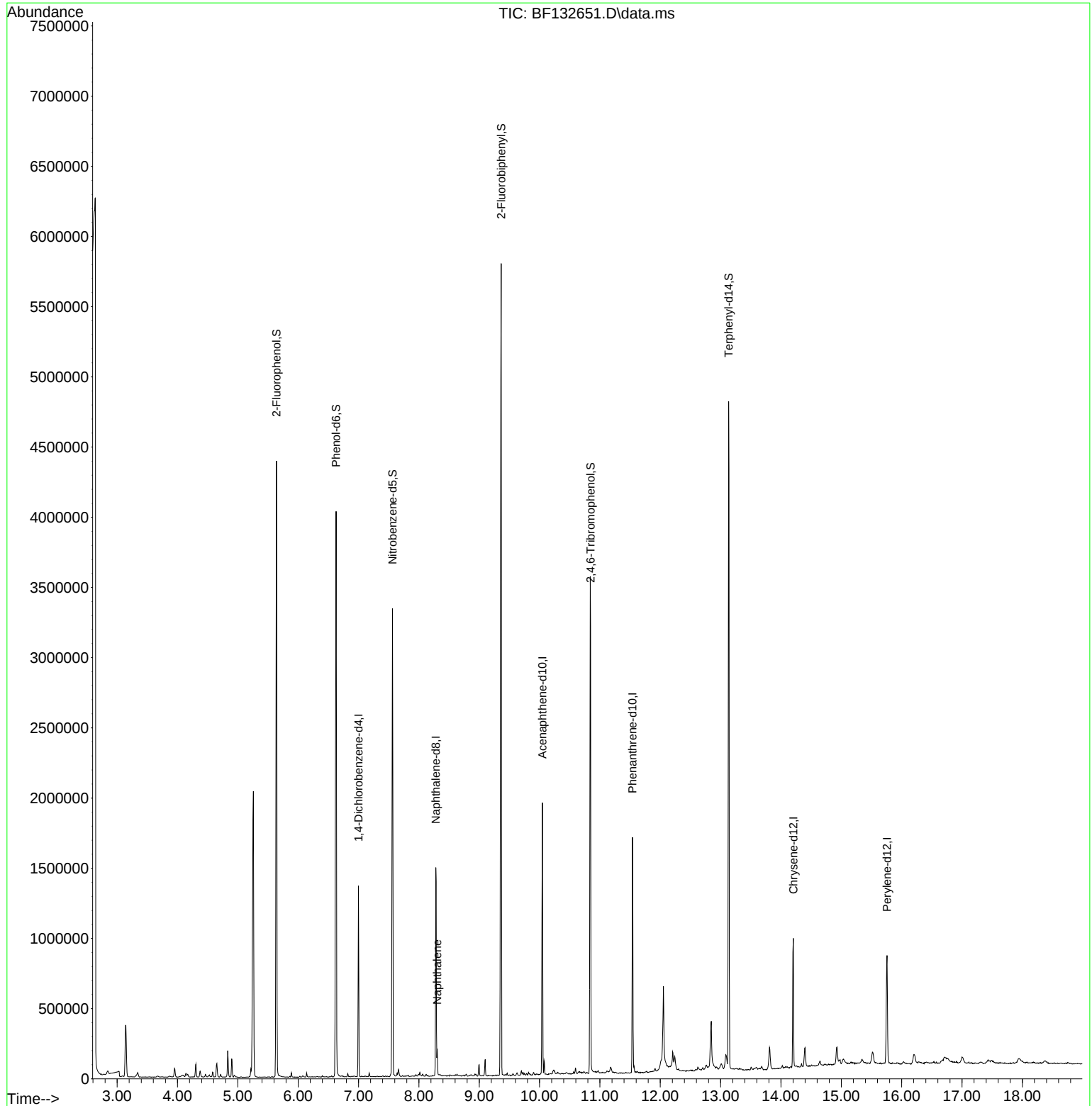
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	184298	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	670743	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	355468	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	633013	20.000	ng	0.00
76) Chrysene-d12	14.204	240	311230	20.000	ng	0.00
86) Perylene-d12	15.757	264	389431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1337076	117.746	ng	0.00
7) Phenol-d6	6.628	99	1615074	108.979	ng	0.00
23) Nitrobenzene-d5	7.563	82	1195993	84.597	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	477814	124.466	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1903703	81.546	ng	0.00
79) Terphenyl-d14	13.133	244	1839343	99.922	ng	0.00
Target Compounds						
31) Naphthalene	8.304	128	72285	2.105	ng	Qvalue 96

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

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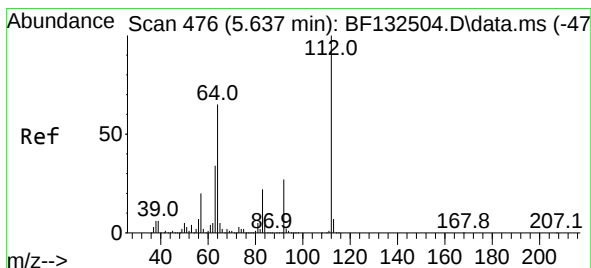
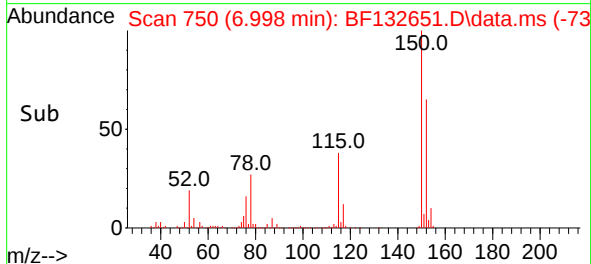
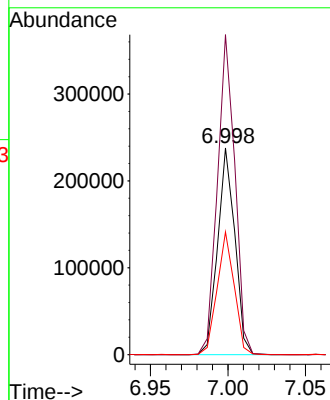
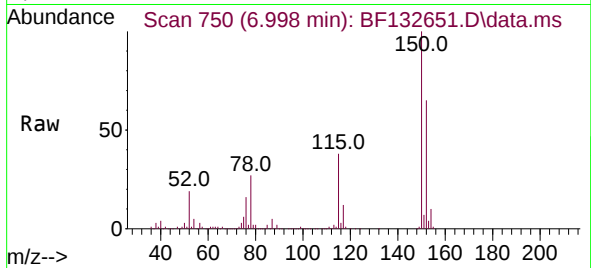




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

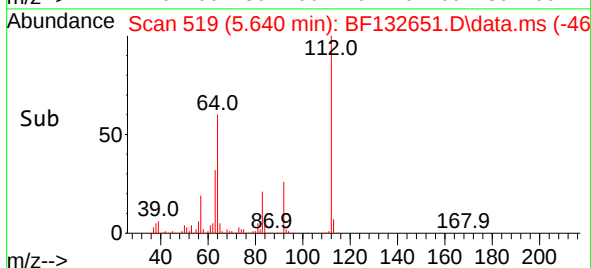
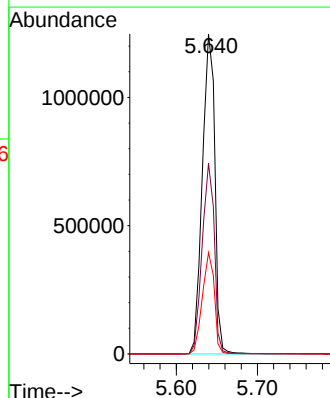
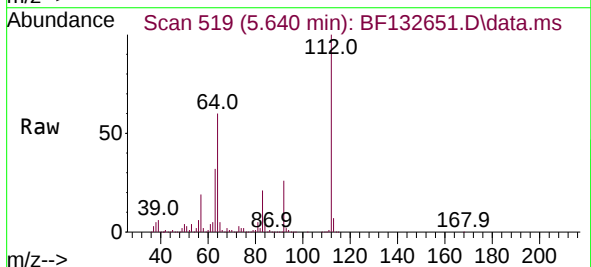
Instrument :
BNA_F
ClientSampleId :
CE-45-030123

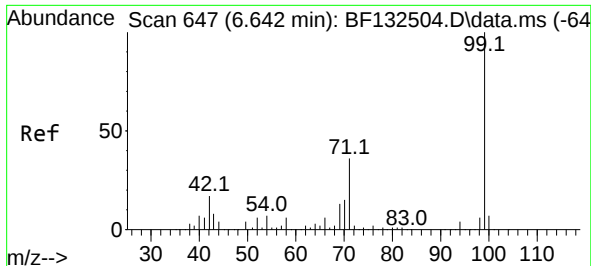
Tgt Ion:152 Resp: 184298
Ion Ratio Lower Upper
152 100
150 154.8 125.4 188.2
115 59.3 47.8 71.6



#5
2-Fluorophenol
Concen: 117.746 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion:112 Resp: 1337076
Ion Ratio Lower Upper
112 100
64 59.5 51.6 77.4
63 31.6 27.4 41.2

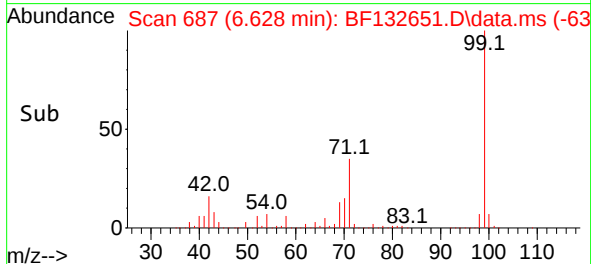
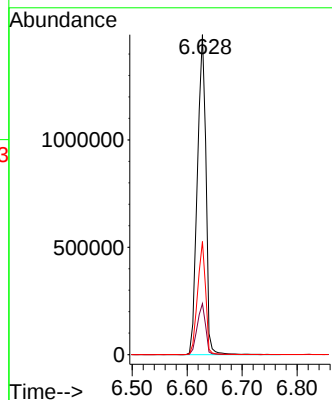
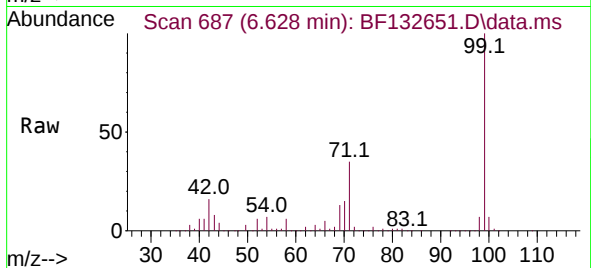




#7
Phenol-d6
Concen: 108.979 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

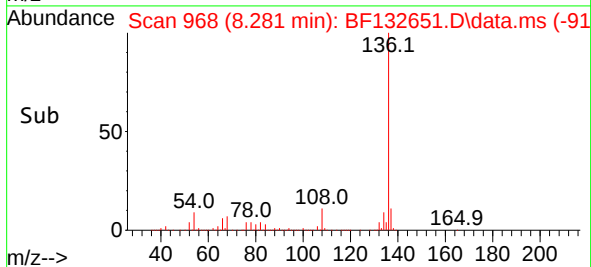
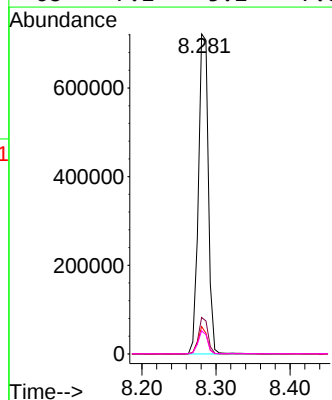
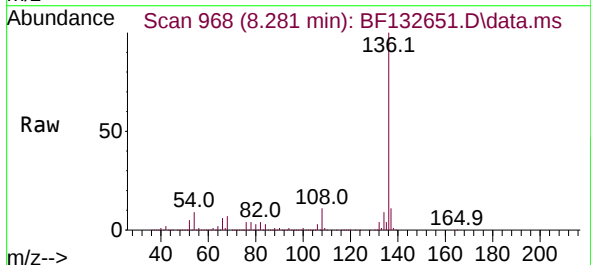
Instrument :
BNA_F
ClientSampleId :
CE-45-030123

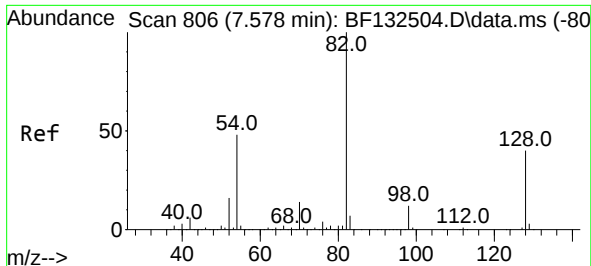
Tgt Ion: 99 Resp: 1615074
Ion Ratio Lower Upper
99 100
42 15.9 13.9 20.9
71 35.3 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 968
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion: 136 Resp: 670743
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.5 6.2 9.4
68 7.2 5.2 7.8

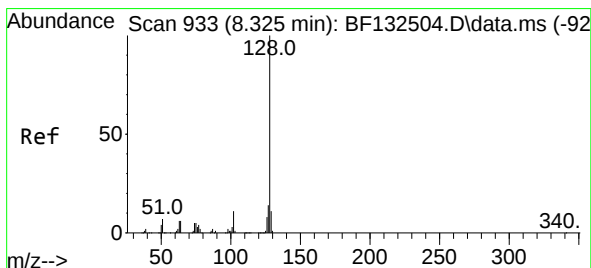
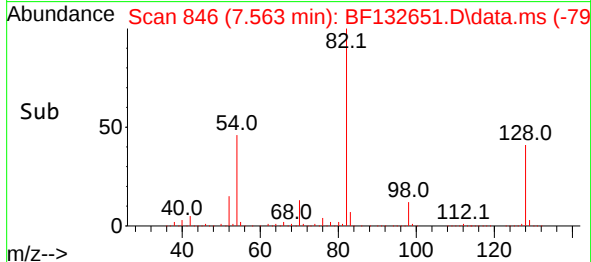
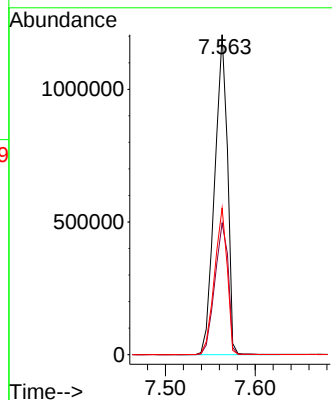
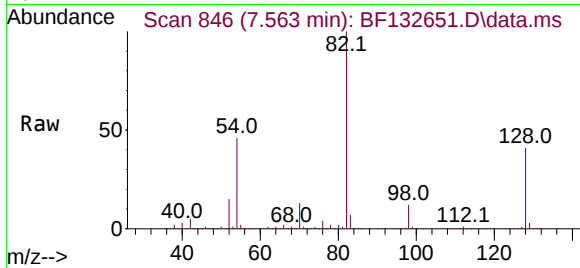




#23
Nitrobenzene-d5
Concen: 84.597 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

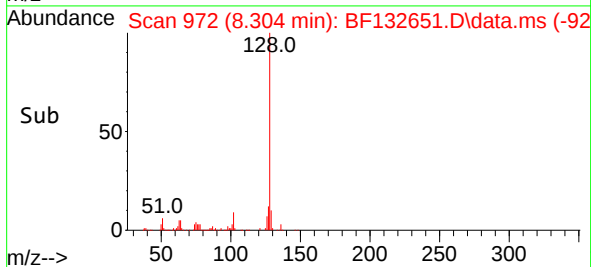
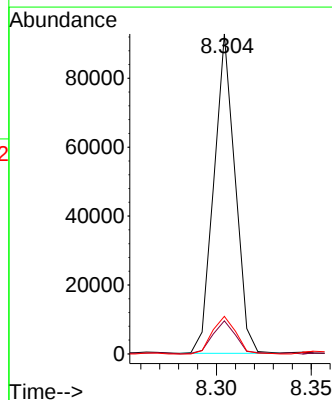
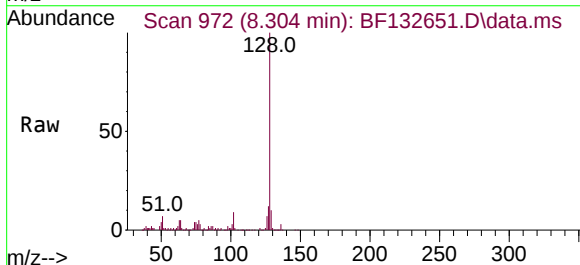
Instrument :
BNA_F
ClientSampleId :
CE-45-030123

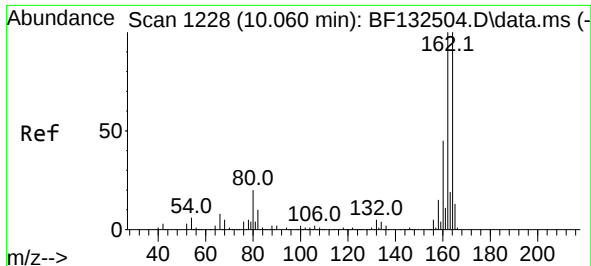
Tgt Ion: 82 Resp: 1195993
Ion Ratio Lower Upper
82 100
128 41.1 32.2 48.2
54 45.8 38.4 57.6



#31
Naphthalene
Concen: 2.105 ng
RT: 8.304 min Scan# 972
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion:128 Resp: 72285
Ion Ratio Lower Upper
128 100
129 10.3 9.1 13.7
127 11.7 11.0 16.6

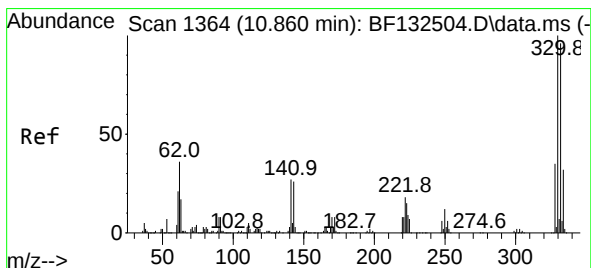
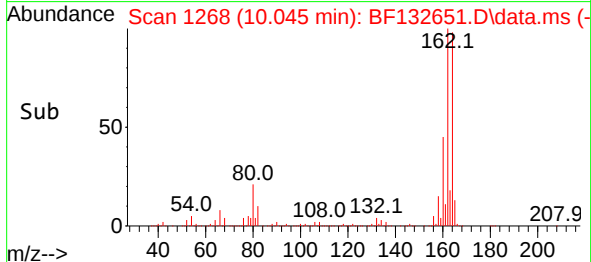
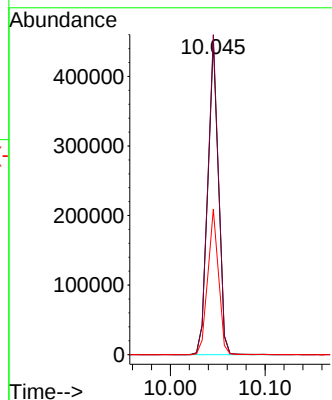
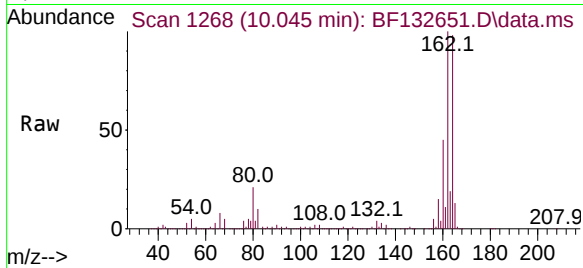




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

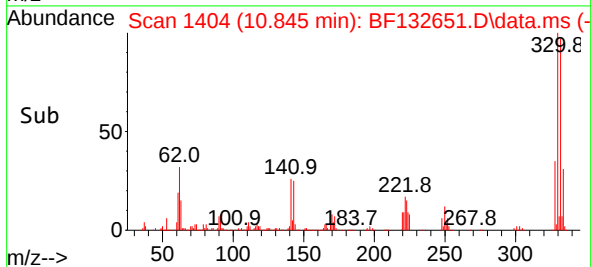
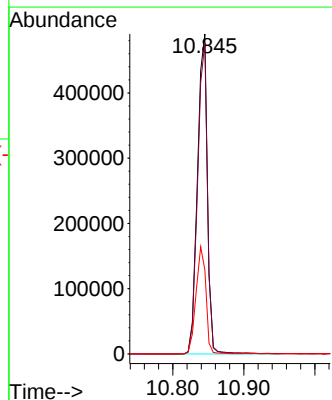
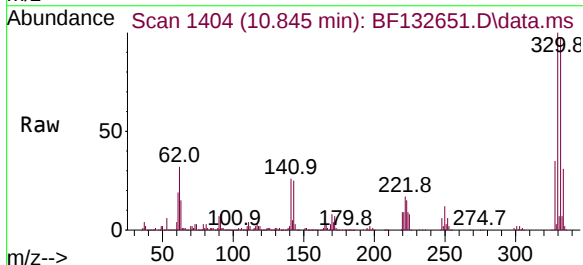
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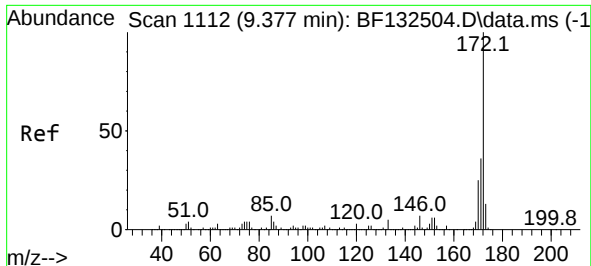
Tgt Ion:164 Resp: 355468
Ion Ratio Lower Upper
164 100
162 102.2 79.8 119.8
160 46.5 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 124.466 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion:330 Resp: 477814
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 33.4 28.4 42.6

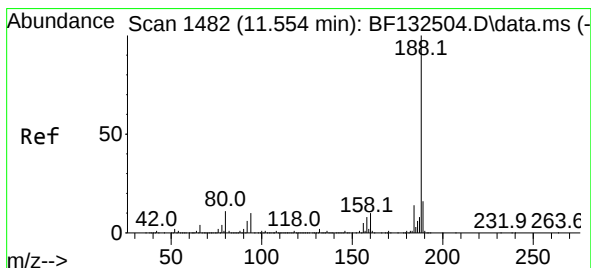
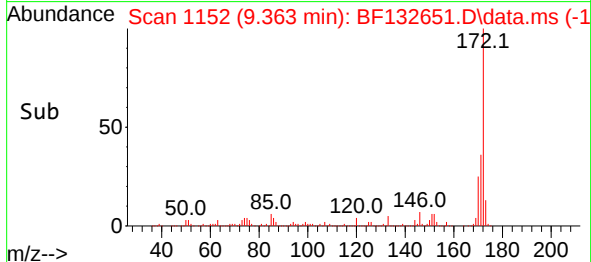
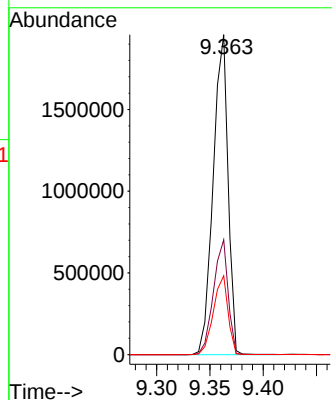
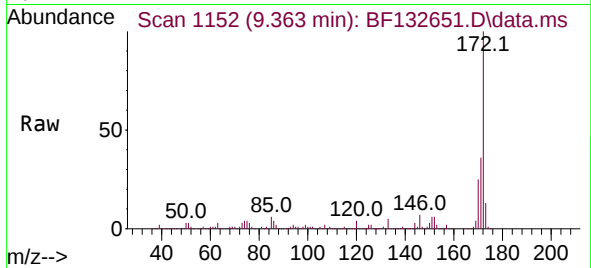




#45
2-Fluorobiphenyl
Concen: 81.546 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

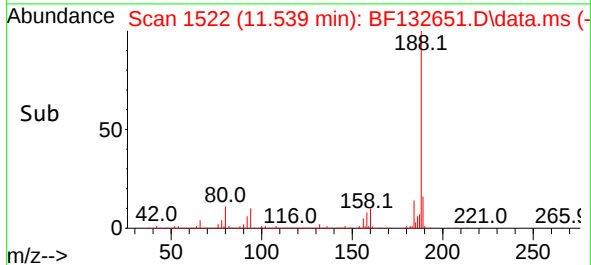
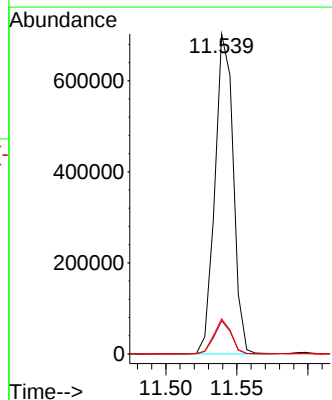
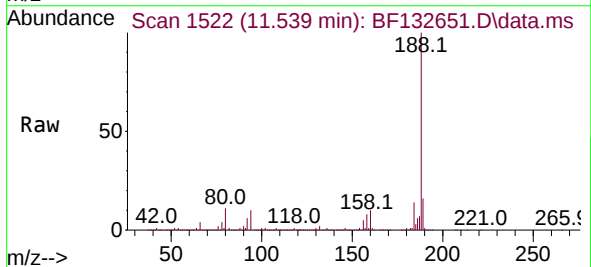
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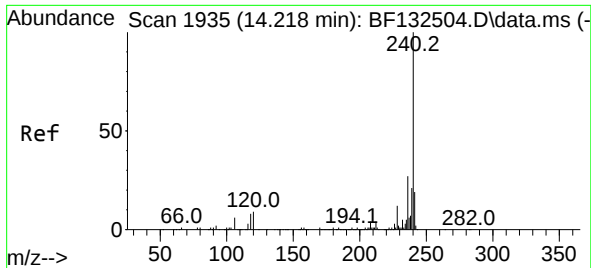
Tgt Ion:172 Resp: 1903703
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.6 19.7 29.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 1522
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion:188 Resp: 633013
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.0 8.7 13.1

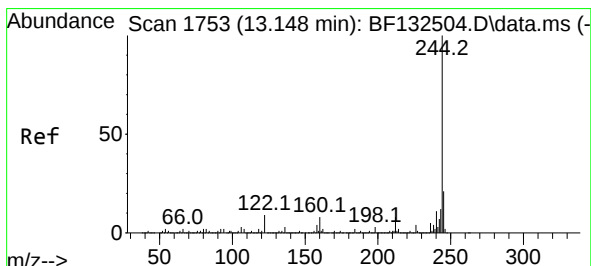
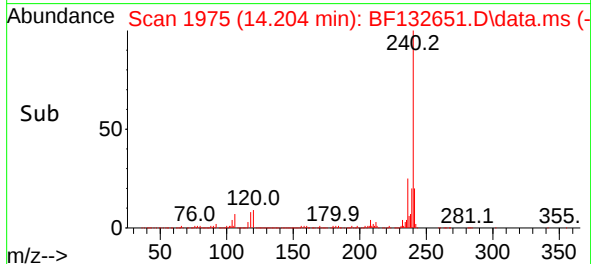
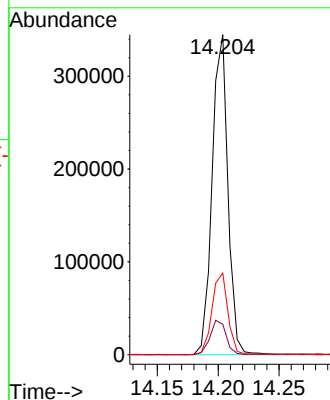
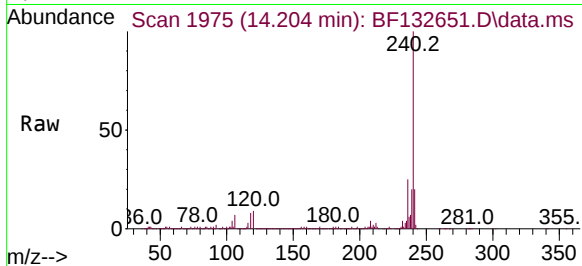




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

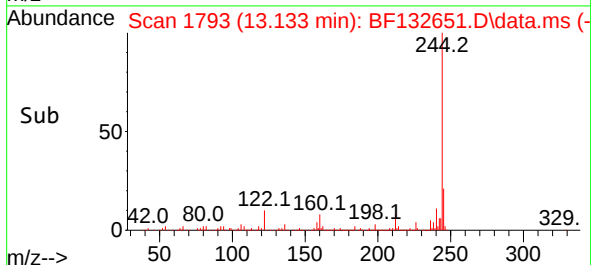
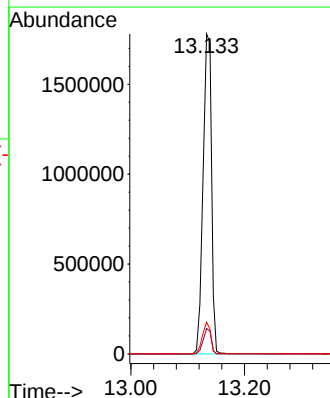
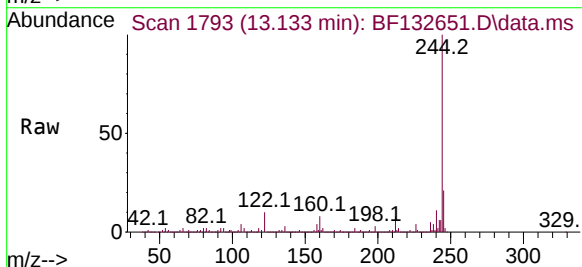
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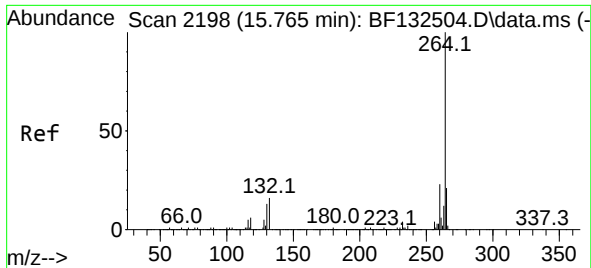
Tgt Ion:240 Resp: 311230
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 25.5 21.8 32.6



#79
Terphenyl-d14
Concen: 99.922 ng
RT: 13.133 min Scan# 1793
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion:244 Resp: 1839343
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.9 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BF132651.D
 Acq: 06 Mar 2023 16:28

Instrument :
 BNA_F
 ClientSampleId :
 CE-45-030123

Tgt Ion:264 Resp: 389431
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.4 17.1 25.7

