

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128380.D
 Acq On : 20 May 2022 23:05
 Operator : CG\JU
 Sample : N2943-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: May 23 02:40:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

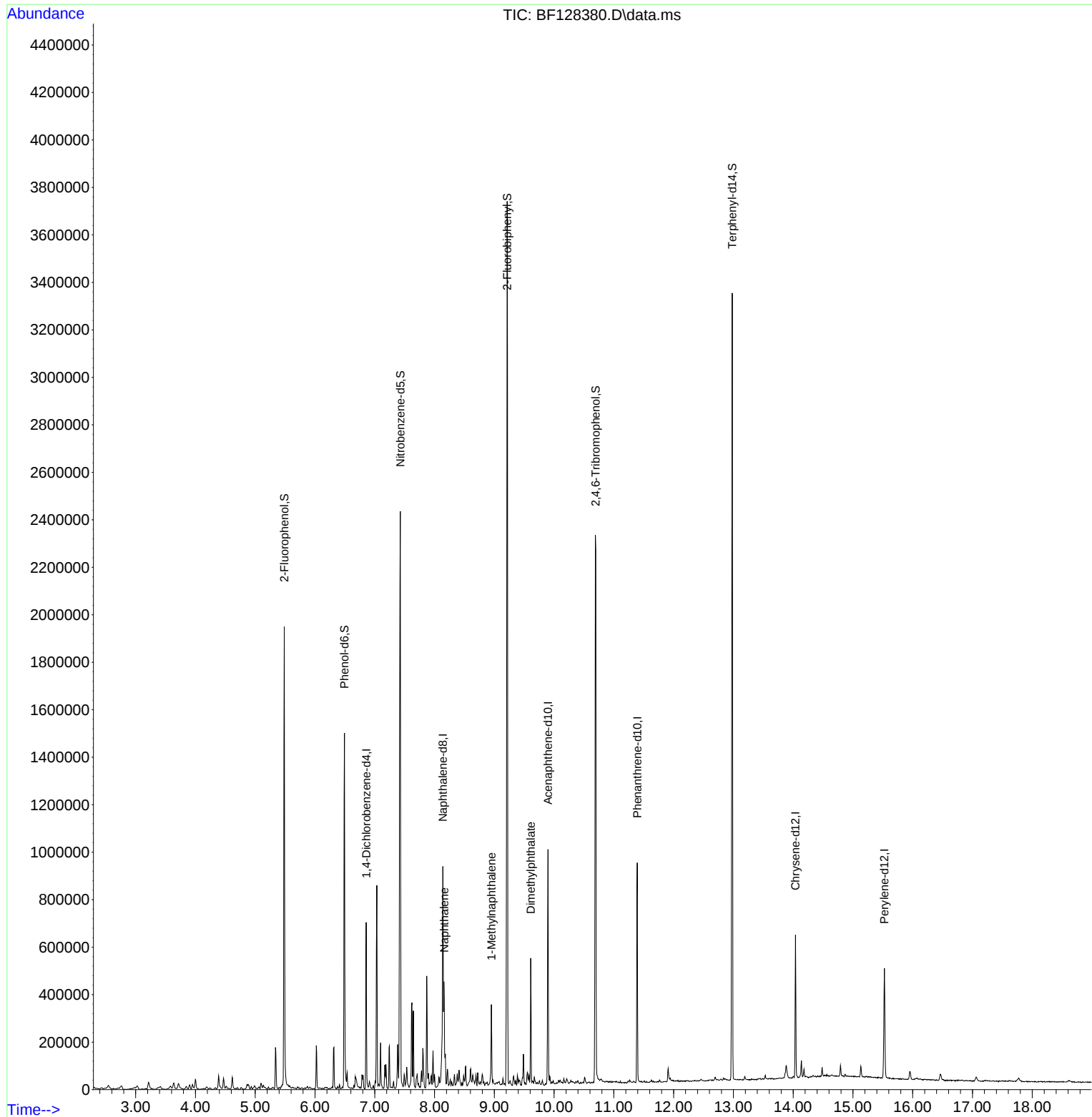
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	92302	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	344095	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	195257	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	331051	20.000	ng	0.00
76) Chrysene-d12	14.039	240	191908	20.000	ng	-0.01
86) Perylene-d12	15.527	264	193562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	502775	86.683	ng	0.00
7) Phenol-d6	6.492	99	485157	63.522	ng	0.00
23) Nitrobenzene-d5	7.428	82	783377	102.004	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	307080	152.497	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1258191	105.377	ng	0.00
79) Terphenyl-d14	12.980	244	1144270	115.103	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.163	128	148849	8.877	ng	99
38) 1-Methylnaphthalene	8.951	142	74068	7.003	ng	98
50) Dimethylphthalate	9.610	163	177955	14.307	ng	99

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

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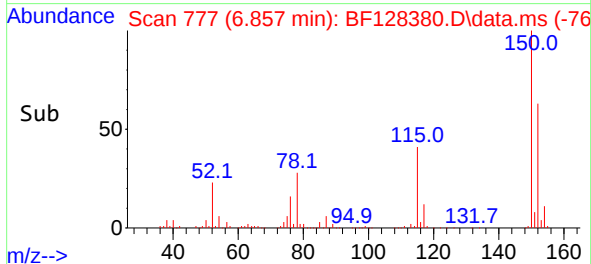
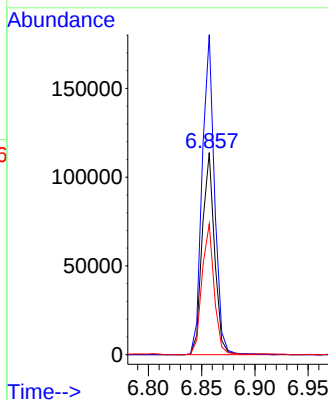
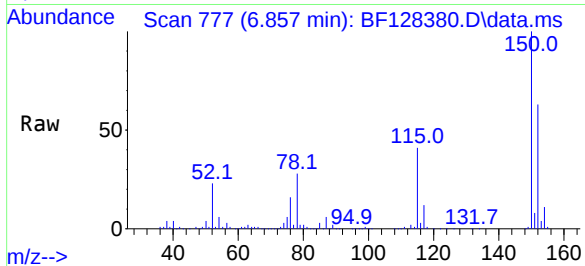




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

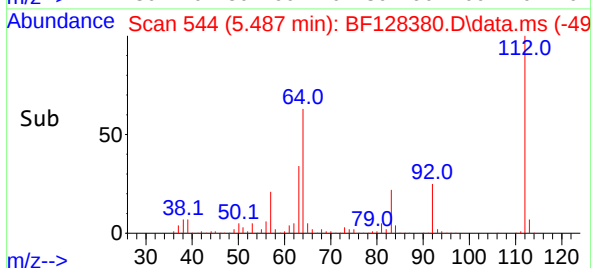
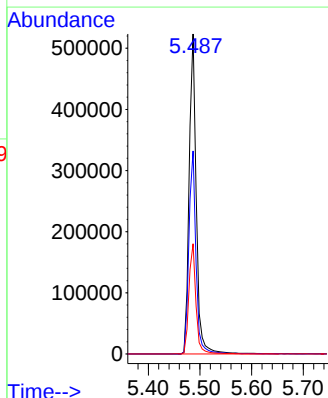
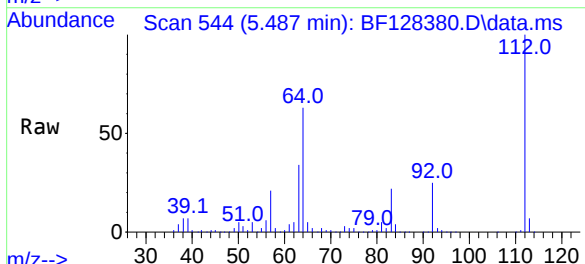
Instrument :
BNA_F
ClientSampleId :
MW-22

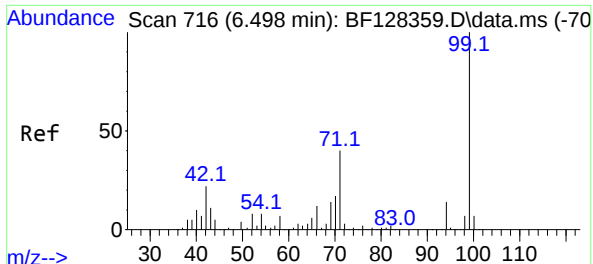
Tgt Ion:152 Resp: 92302
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 64.8 48.8 73.2



#5
2-Fluorophenol
Concen: 86.683 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Tgt Ion:112 Resp: 502775
Ion Ratio Lower Upper
112 100
64 63.4 49.5 74.3
63 34.4 26.3 39.5

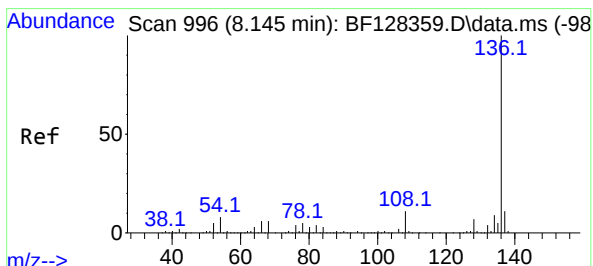
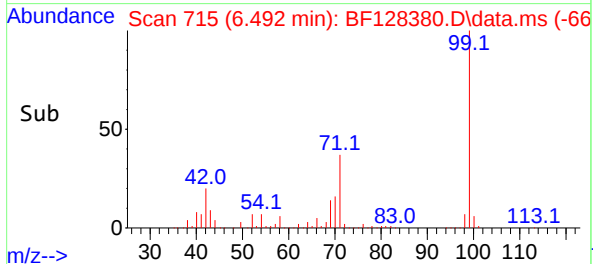
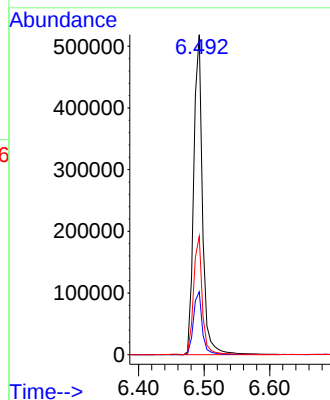
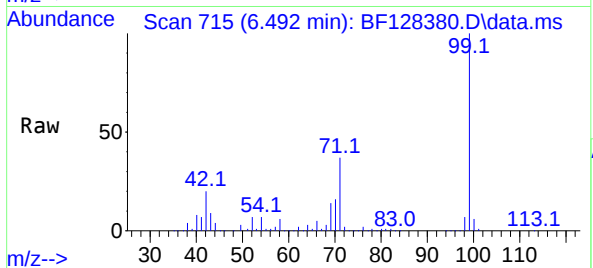




#7
Phenol-d6
Concen: 63.522 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

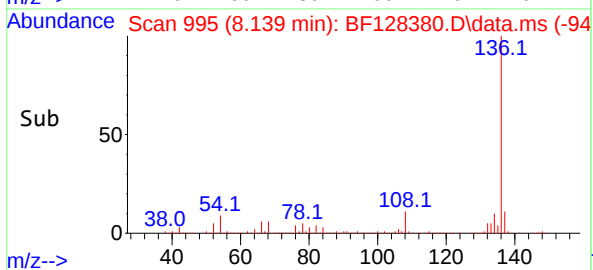
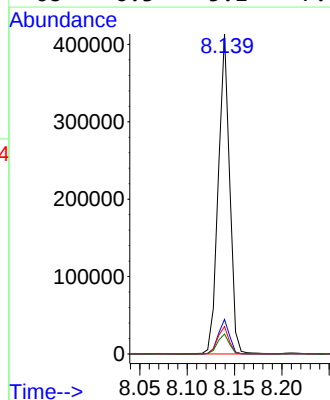
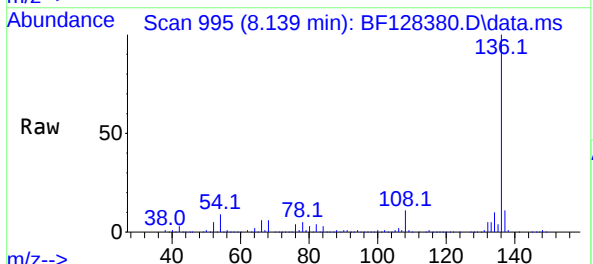
Instrument :
BNA_F
ClientSampleId :
MW-22

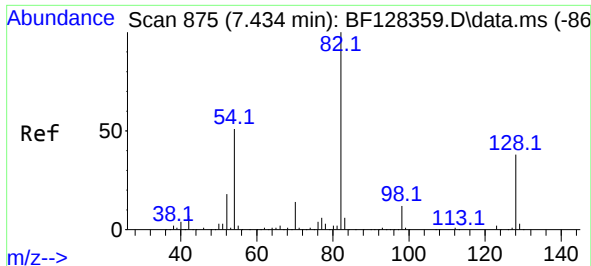
Tgt Ion: 99 Resp: 485157
Ion Ratio Lower Upper
99 100
42 19.7 16.6 24.8
71 37.0 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Tgt Ion: 136 Resp: 344095
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.5 6.8 10.2
68 6.3 5.1 7.7

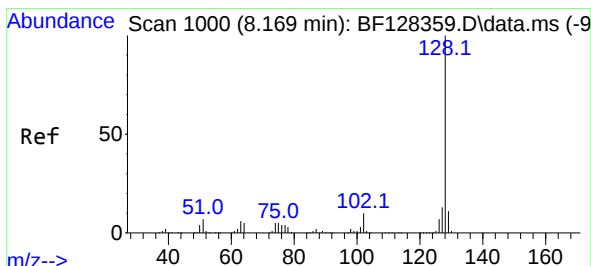
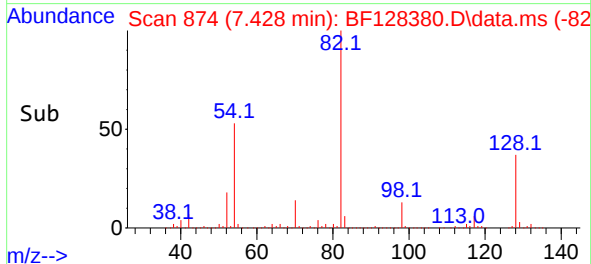
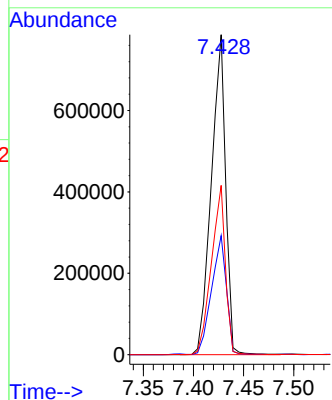
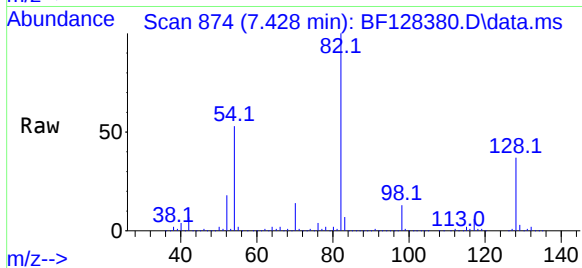




#23
Nitrobenzene-d5
Concen: 102.004 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

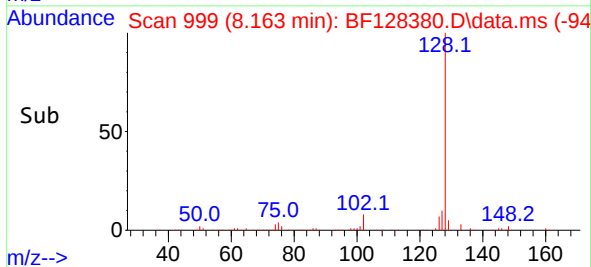
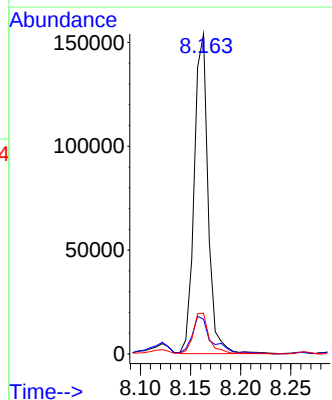
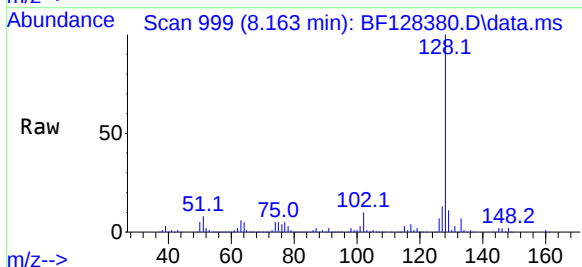
Instrument :
BNA_F
ClientSampleId :
MW-22

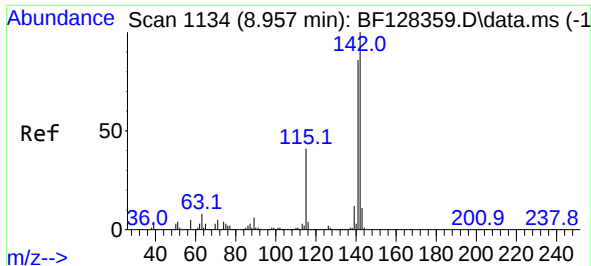
Tgt Ion: 82 Resp: 783377
Ion Ratio Lower Upper
82 100
128 37.2 30.0 45.0
54 52.9 41.3 61.9



#31
Naphthalene
Concen: 8.877 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Tgt Ion:128 Resp: 148849
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.7 10.6 16.0

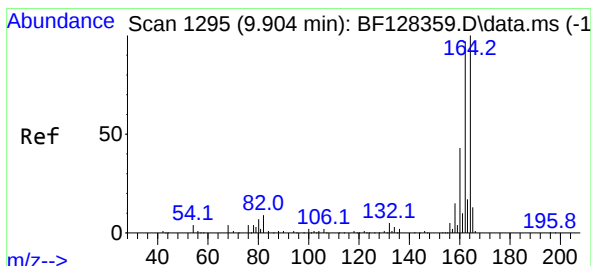
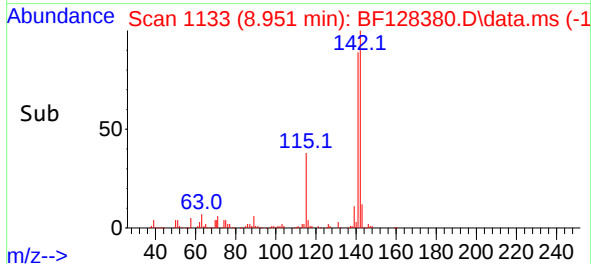
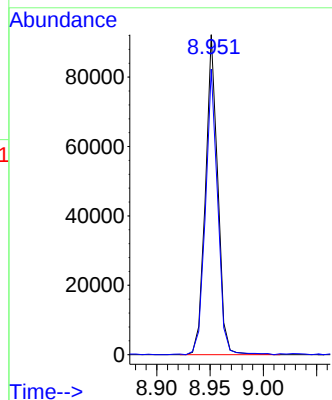
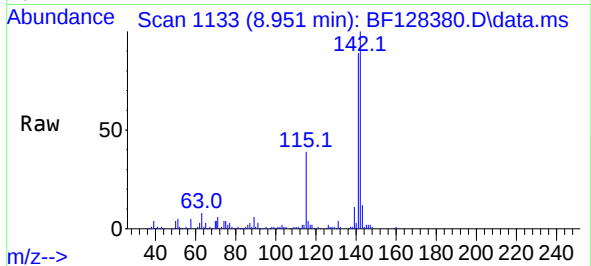




#38
1-Methylnaphthalene
Concen: 7.003 ng
RT: 8.951 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

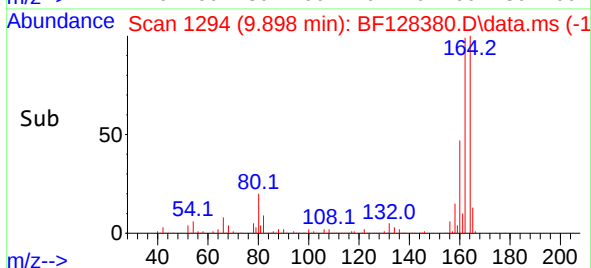
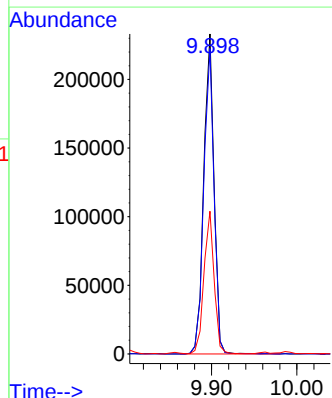
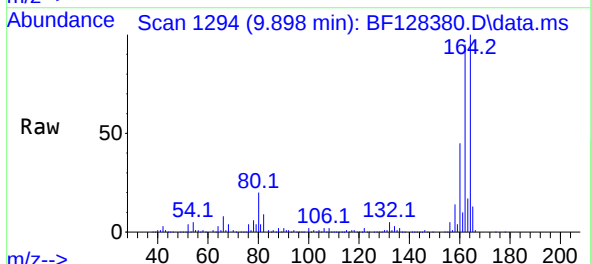
Instrument :
BNA_F
ClientSampleId :
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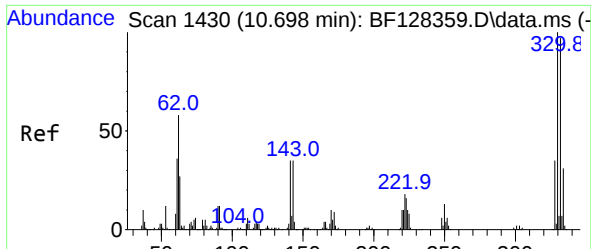
Tgt Ion:142 Resp: 74068
Ion Ratio Lower Upper
142 100
141 89.2 70.1 105.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

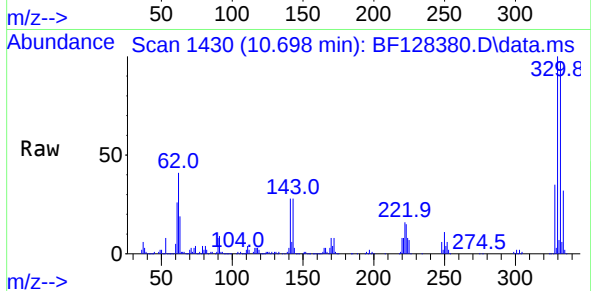
Tgt Ion:164 Resp: 195257
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 44.6 34.8 52.2



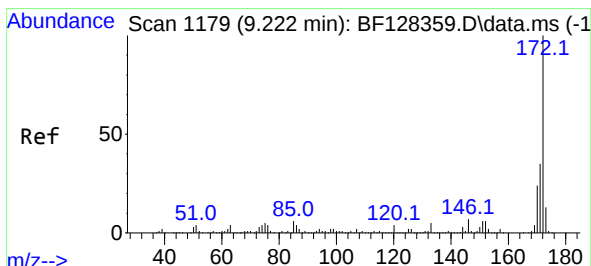
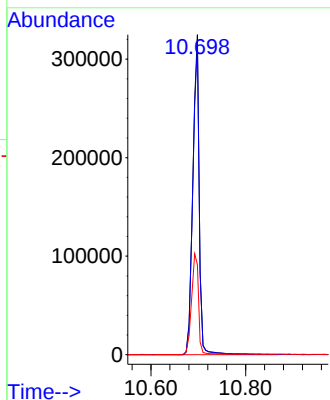
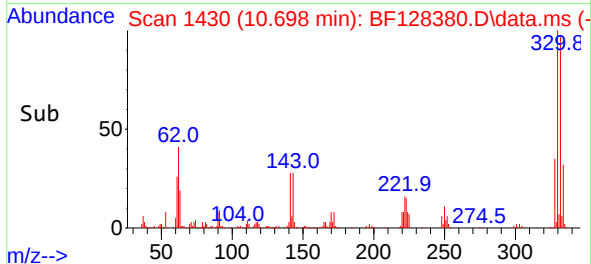


#42
2,4,6-Tribromophenol
Concen: 152.497 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

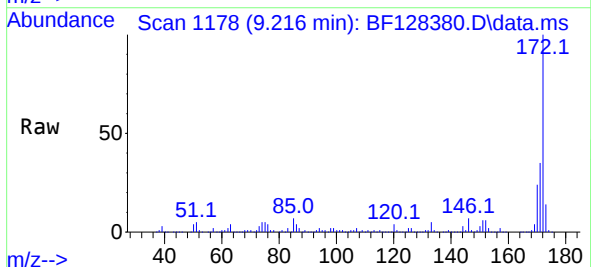
Instrument :
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ClientSampleId :
MW-22



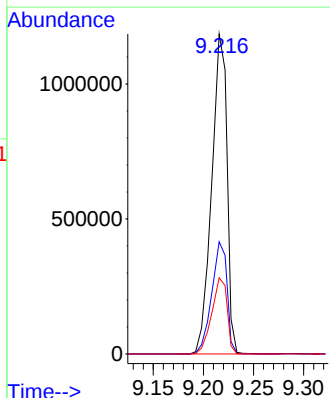
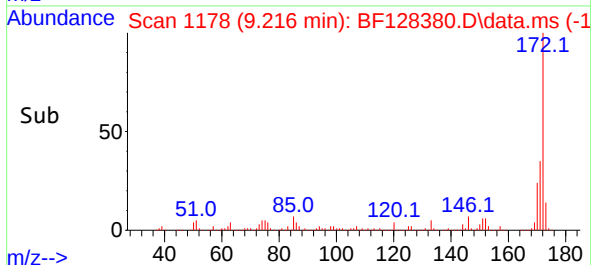
Tgt Ion:330 Resp: 307080
Ion Ratio Lower Upper
330 100
332 97.6 79.0 118.4
141 33.9 28.9 43.3

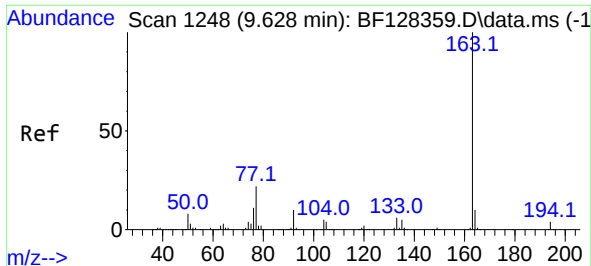


#45
2-Fluorobiphenyl
Concen: 105.377 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05



Tgt Ion:172 Resp: 1258191
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.8 19.1 28.7

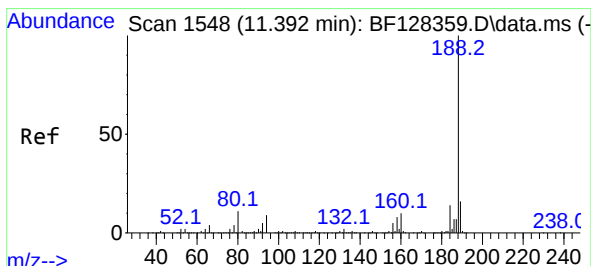
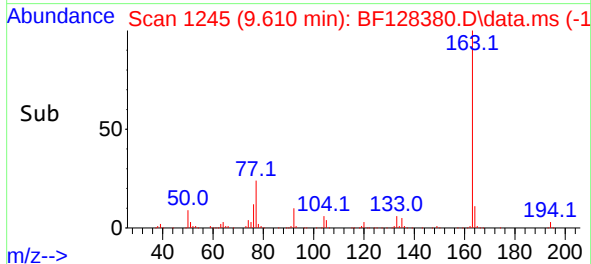
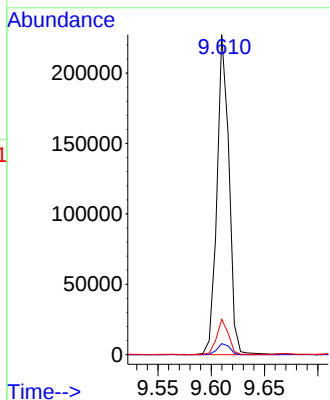
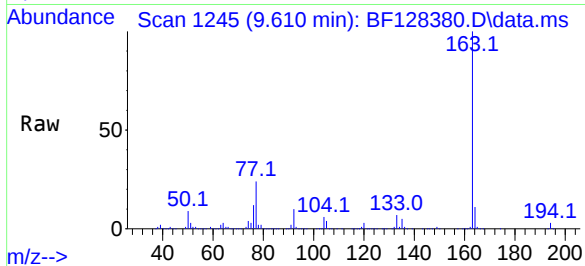




#50
Dimethylphthalate
Concen: 14.307 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

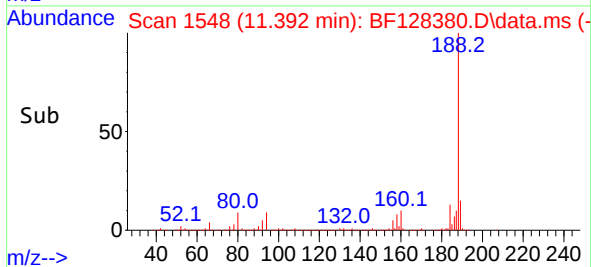
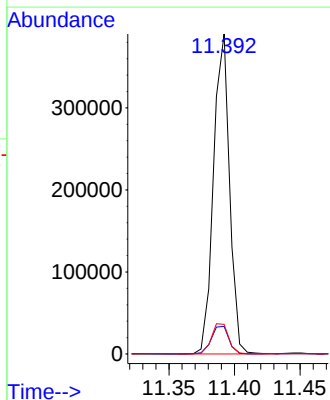
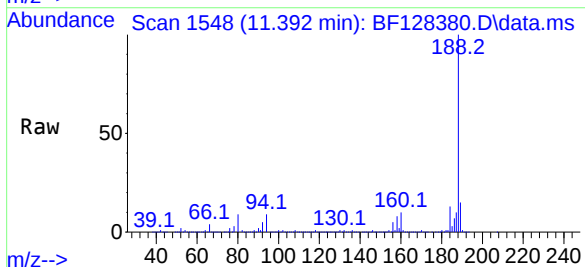
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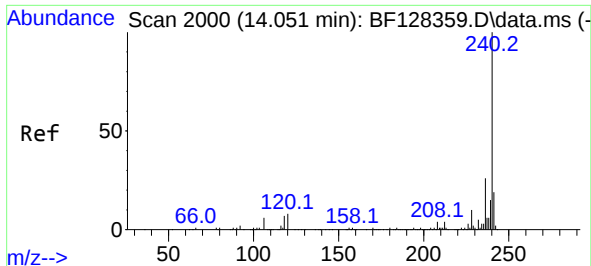
Tgt Ion:163 Resp: 177955
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 11.0 8.6 13.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Tgt Ion:188 Resp: 331051
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.2 8.9 13.3

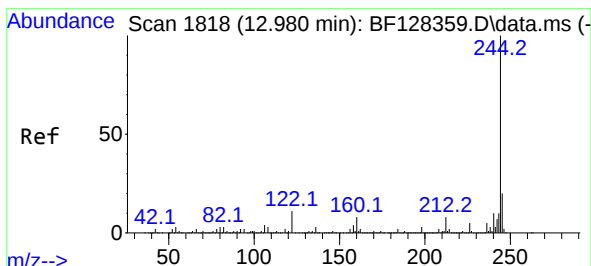
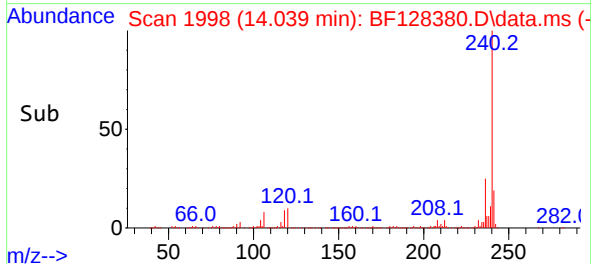
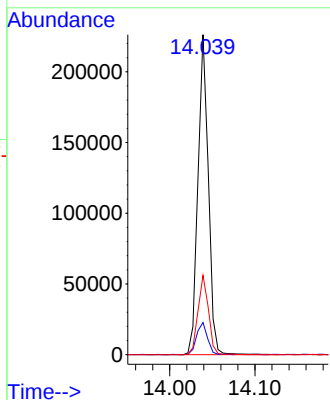
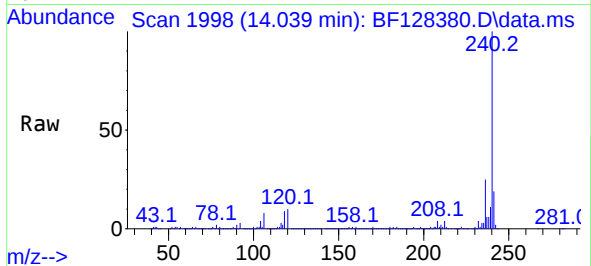




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

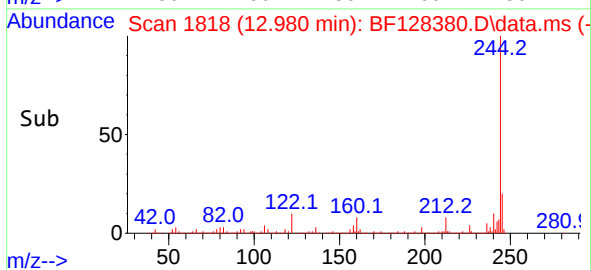
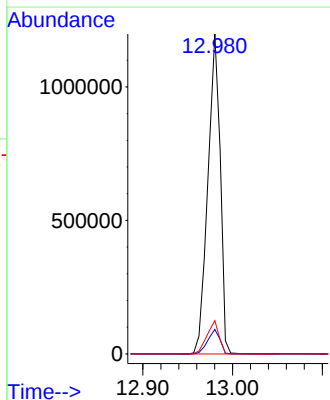
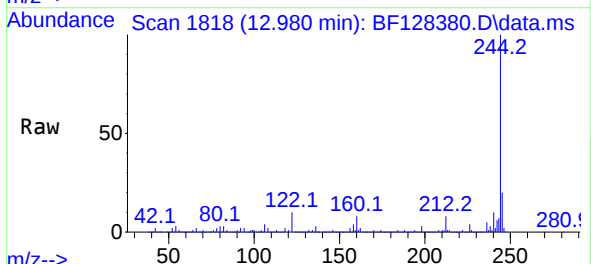
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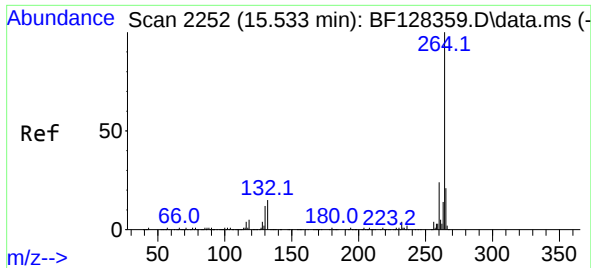
Tgt Ion:240 Resp: 191908
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 24.8 20.3 30.5



#79
Terphenyl-d14
Concen: 115.103 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

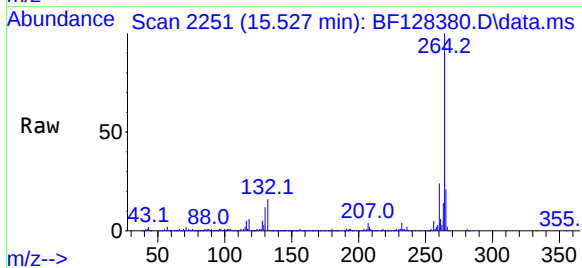
Tgt Ion:244 Resp: 1144270
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 10.4 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Instrument :
BNA_F
ClientSampleId :
MW-22



Tgt Ion:264 Resp: 193562

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.1	30.1
265	20.9	17.5	26.3

