

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126216.D
 Acq On : 16 Dec 2021 17:33
 Operator : JU/CG
 Sample : M5022-19RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP11RE

Quant Time: Dec 17 01:46:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	190601	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	804261	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	355960	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	490238	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	372935	20.000	ng	0.00
86) Perylene-d12	15.410	264	286730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1404360	108.506	ng	0.00
7) Phenol-d6	6.440	99	1716227	104.432	ng	0.00
23) Nitrobenzene-d5	7.375	82	1098832	73.996	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	263149	91.989	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1451283	71.507	ng	0.00
79) Terphenyl-d14	12.921	244	1126417	52.498	ng	0.00

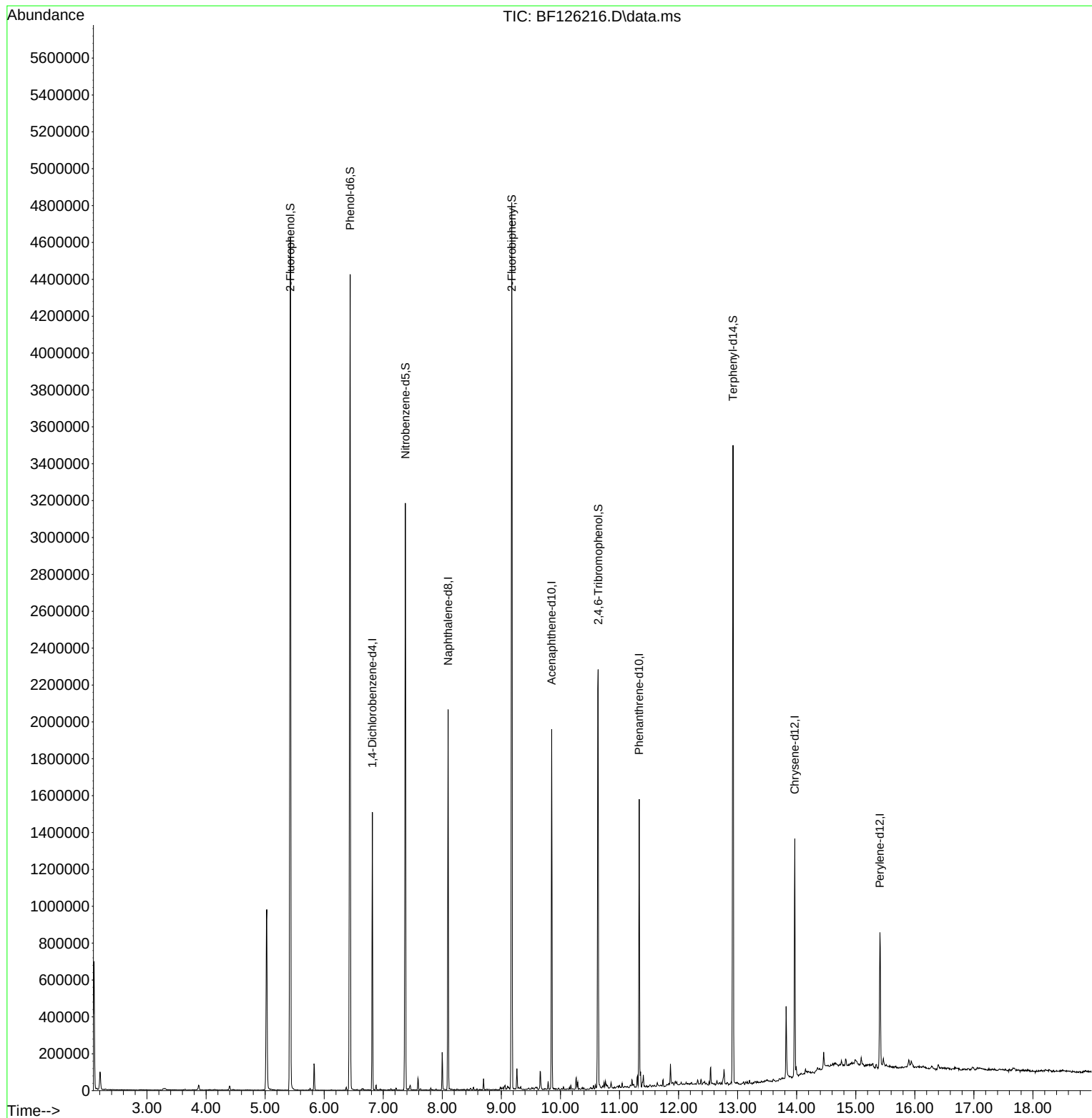
Target Compounds	Qvalue

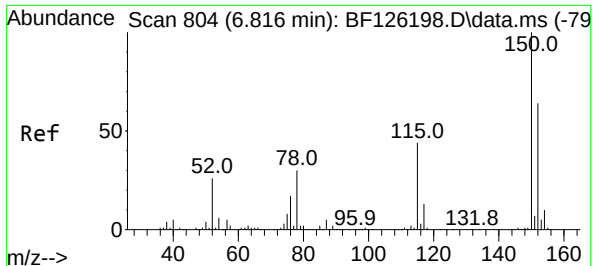
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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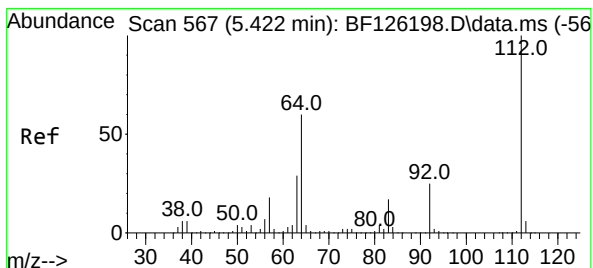
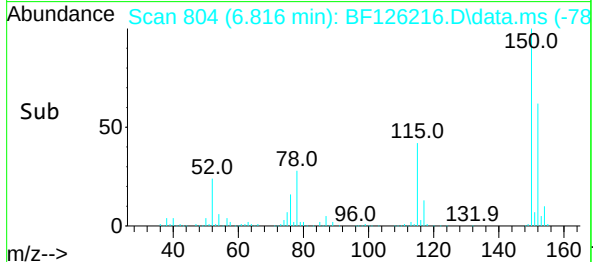
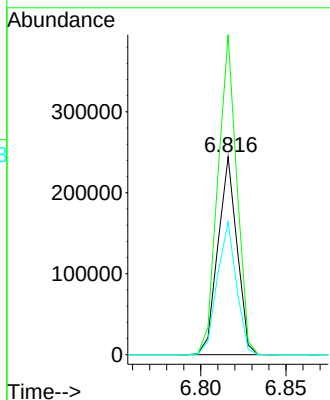
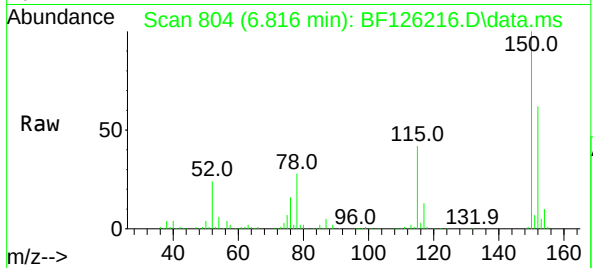




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126216.D
Acq: 16 Dec 2021 17:33

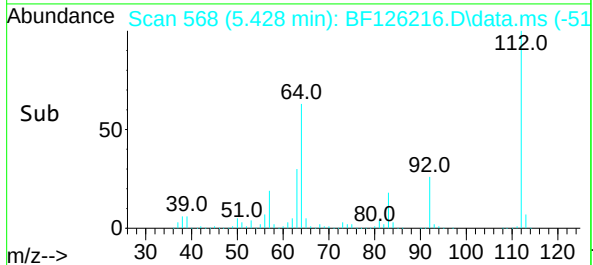
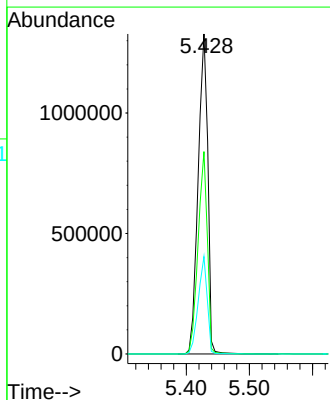
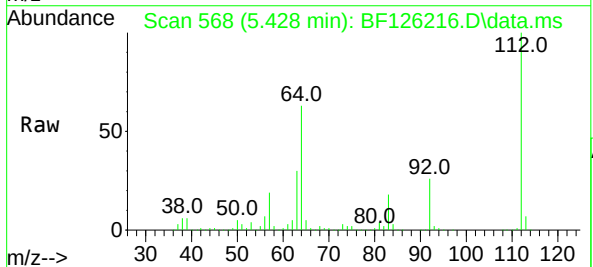
Instrument :
BNA_F
ClientSampleId :
TP11RE

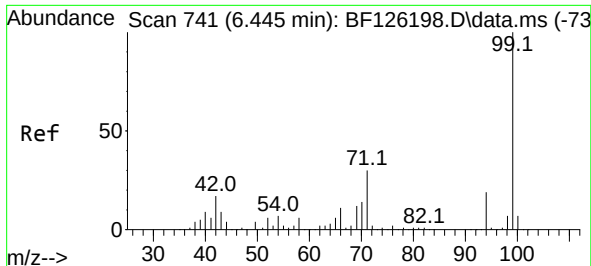
Tgt Ion:152 Resp: 190601
Ion Ratio Lower Upper
152 100
150 161.6 117.6 176.4
115 67.1 47.1 70.7



#5
2-Fluorophenol
Concen: 108.506 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126216.D
Acq: 16 Dec 2021 17:33

Tgt Ion:112 Resp: 1404360
Ion Ratio Lower Upper
112 100
64 63.3 44.2 66.2
63 30.4 26.2 39.2

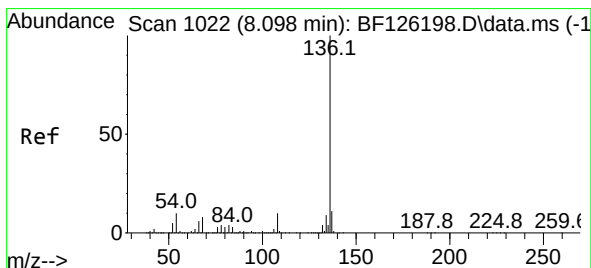
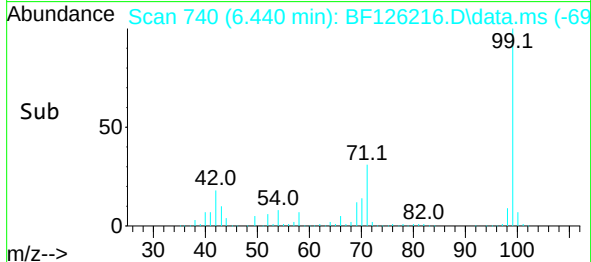
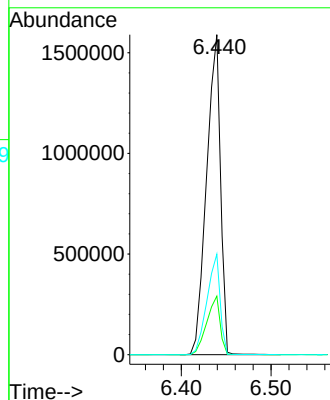
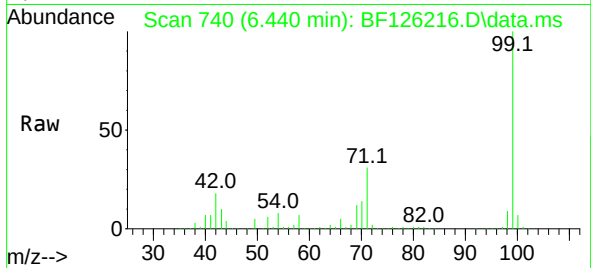




#7
Phenol-d6
Concen: 104.432 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126216.D
Acq: 16 Dec 2021 17:33

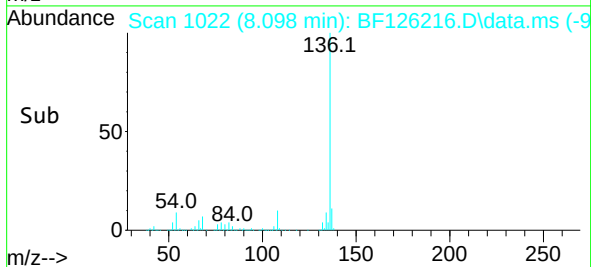
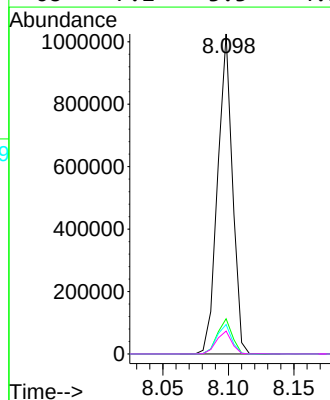
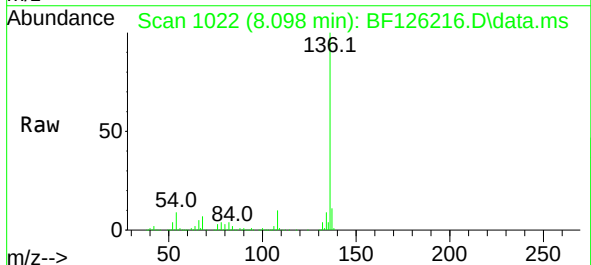
Instrument :
BNA_F
ClientSampleId :
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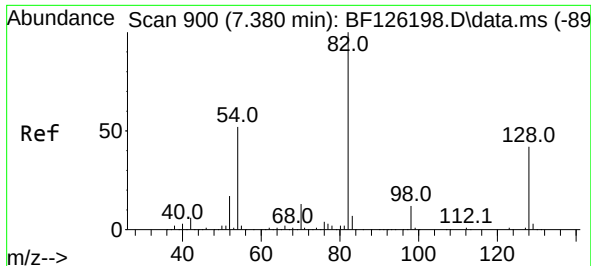
Tgt Ion: 99 Resp: 1716227
Ion Ratio Lower Upper
99 100
42 18.3 23.5 35.3#
71 31.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126216.D
Acq: 16 Dec 2021 17:33

Tgt Ion: 136 Resp: 804261
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.2 6.4 9.6
68 7.2 3.3 4.9#

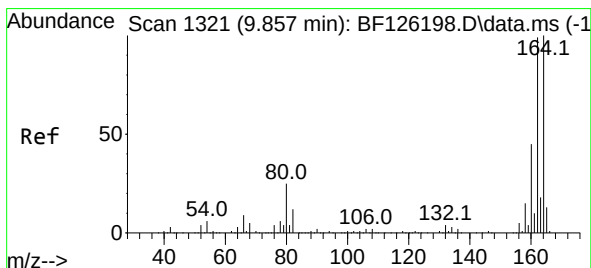
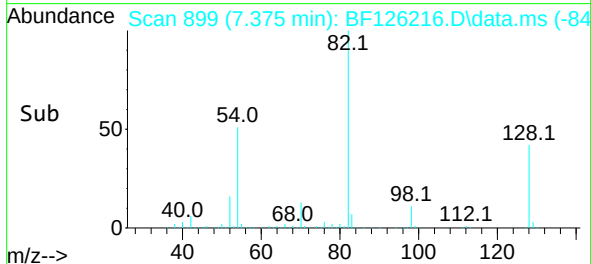
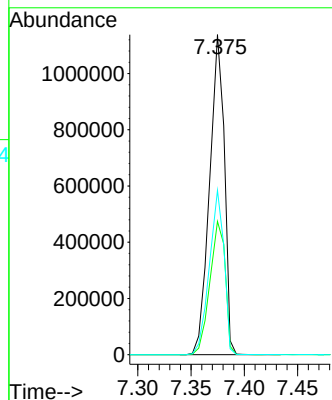
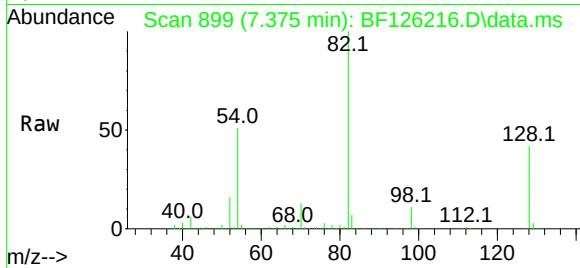




#23
Nitrobenzene-d5
Concen: 73.996 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126216.D
Acq: 16 Dec 2021 17:33

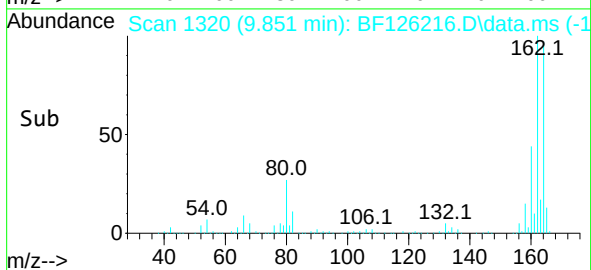
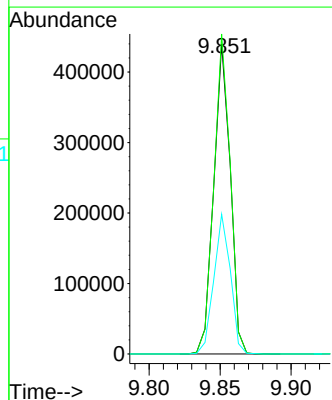
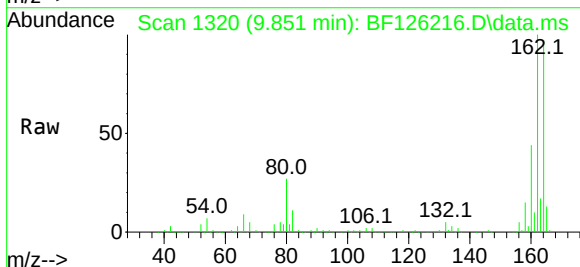
Instrument :
BNA_F
ClientSampleId :
TP11RE

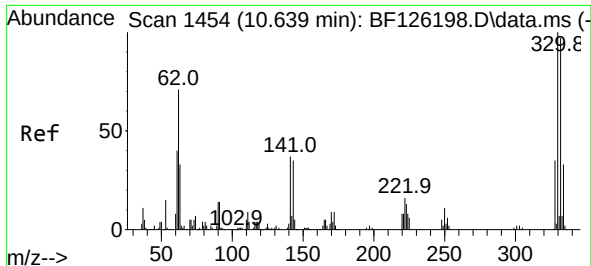
Tgt Ion: 82 Resp: 1098832
Ion Ratio Lower Upper
82 100
128 41.6 40.6 60.8
54 51.4 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126216.D
Acq: 16 Dec 2021 17:33

Tgt Ion:164 Resp: 355960
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 45.1 38.0 57.0

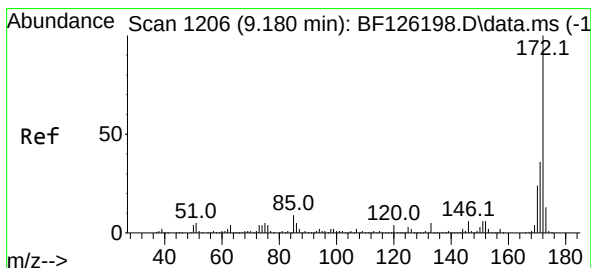
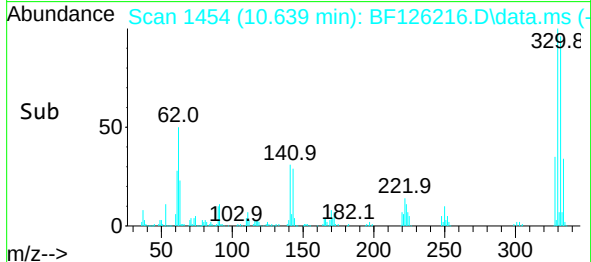
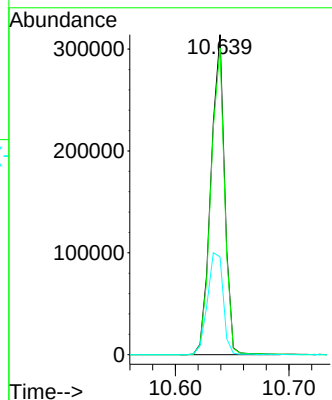
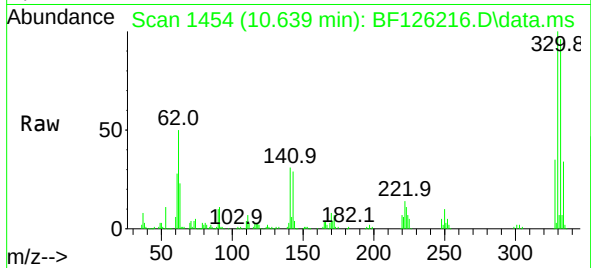




#42
2,4,6-Tribromophenol
Concen: 91.989 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126216.D
Acq: 16 Dec 2021 17:33

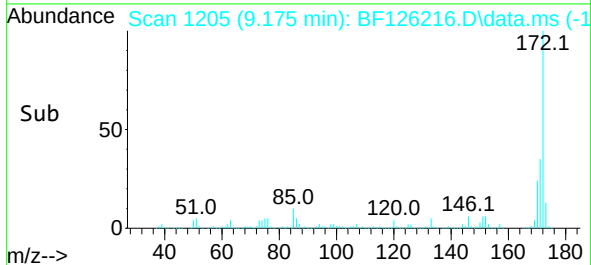
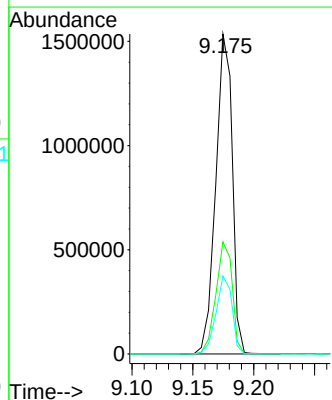
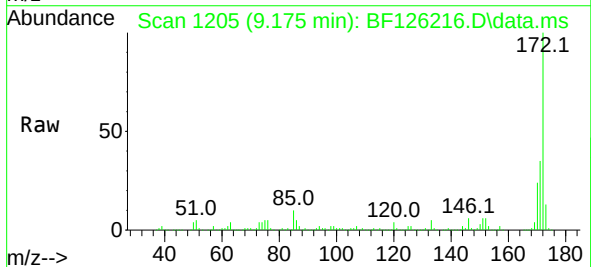
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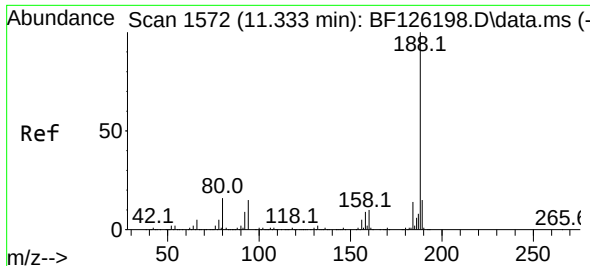
Tgt Ion:330 Resp: 263149
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 36.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 71.507 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126216.D
Acq: 16 Dec 2021 17:33

Tgt Ion:172 Resp: 1451283
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 24.4 18.8 28.2

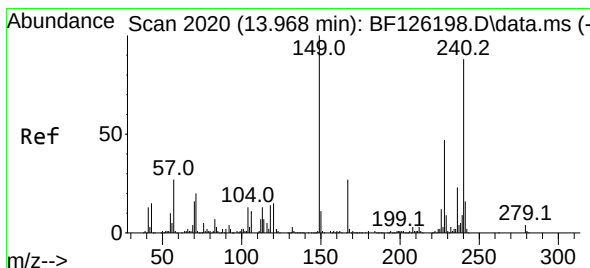
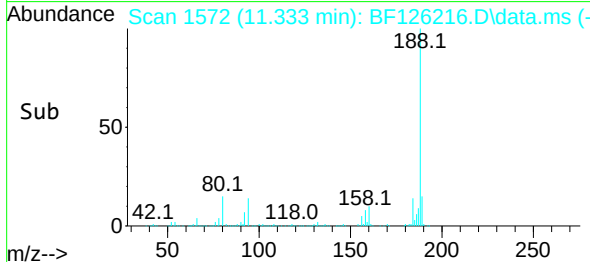
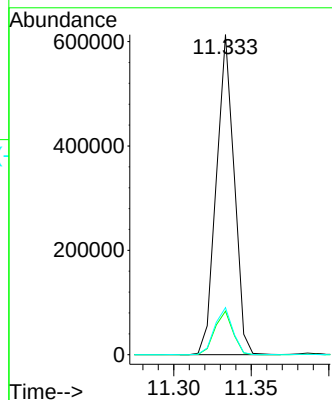
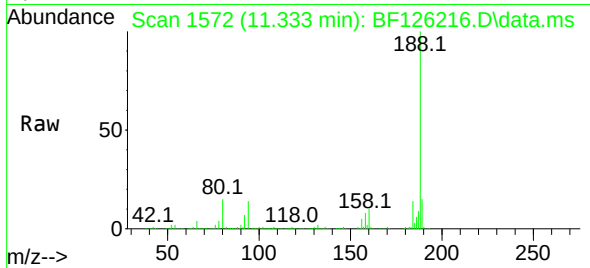




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126216.D
Acq: 16 Dec 2021 17:33

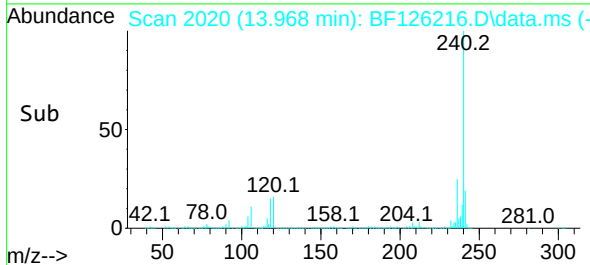
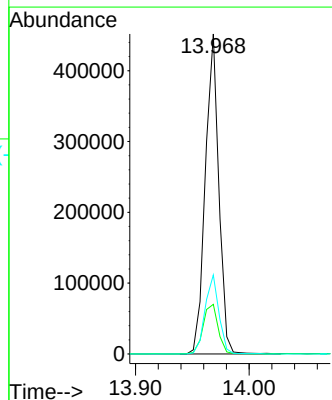
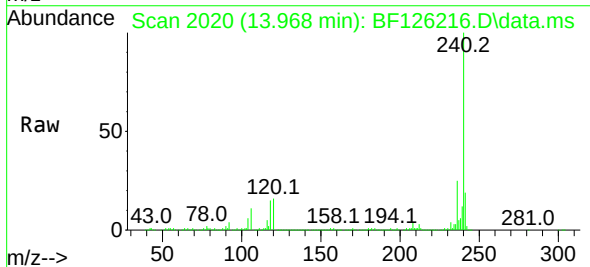
Instrument :
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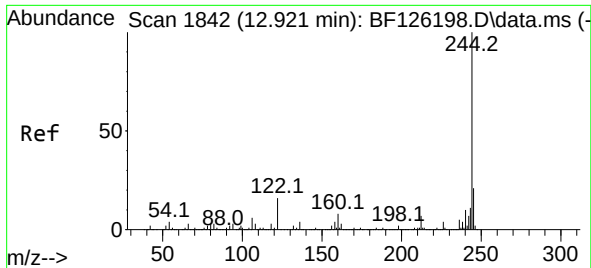
Tgt Ion:188 Resp: 490238
Ion Ratio Lower Upper
188 100
94 13.6 6.7 10.1#
80 14.7 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126216.D
Acq: 16 Dec 2021 17:33

Tgt Ion:240 Resp: 372935
Ion Ratio Lower Upper
240 100
120 15.5 10.8 16.2
236 24.7 21.6 32.4

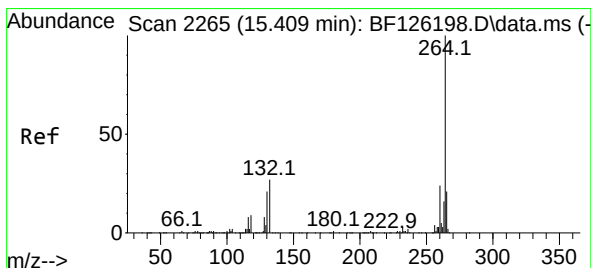
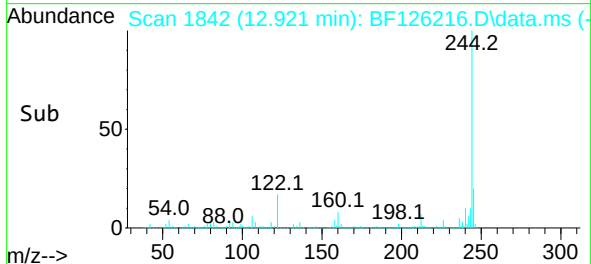
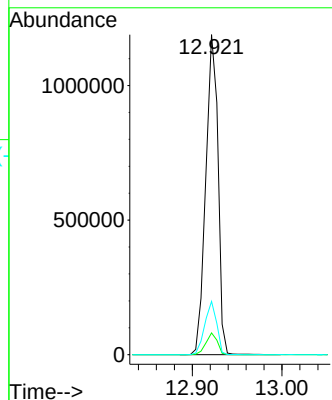
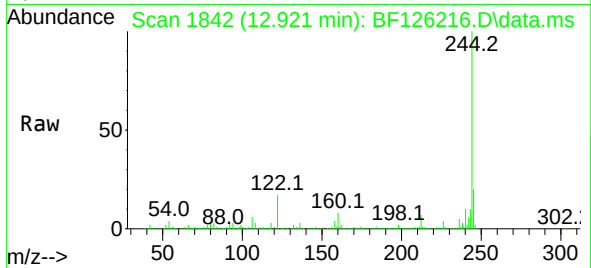




#79
 Terphenyl-d14
 Concen: 52.498 ng
 RT: 12.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126216.D
 Acq: 16 Dec 2021 17:33

Instrument :
 BNA_F
 ClientSampleId :
 TP11RE

Tgt Ion:244 Resp: 1126417
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 16.6 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126216.D
 Acq: 16 Dec 2021 17:33

Tgt Ion:264 Resp: 286730
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 21.5 17.2 25.8

