

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
 Data File : BF124922.D
 Acq On : 3 Aug 2021 18:50
 Operator : JU/CG
 Sample : PB138173BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138173BL

Quant Time: Aug 04 05:07:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:15:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	6596	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	25044	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	14032	20.000	ng	-0.01
64) Phenanthrene-d10	11.368	188	26866	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	18668	20.000	ng	-0.02
86) Perylene-d12	15.468	264	14663	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	53830	138.179	ng	0.00
7) Phenol-d6	6.475	99	64568	132.208	ng	-0.01
23) Nitrobenzene-d5	7.410	82	41718	99.144	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	17190	142.681	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	86802	90.857	ng	-0.01
79) Terphenyl-d14	12.957	244	104415	95.877	ng	0.00

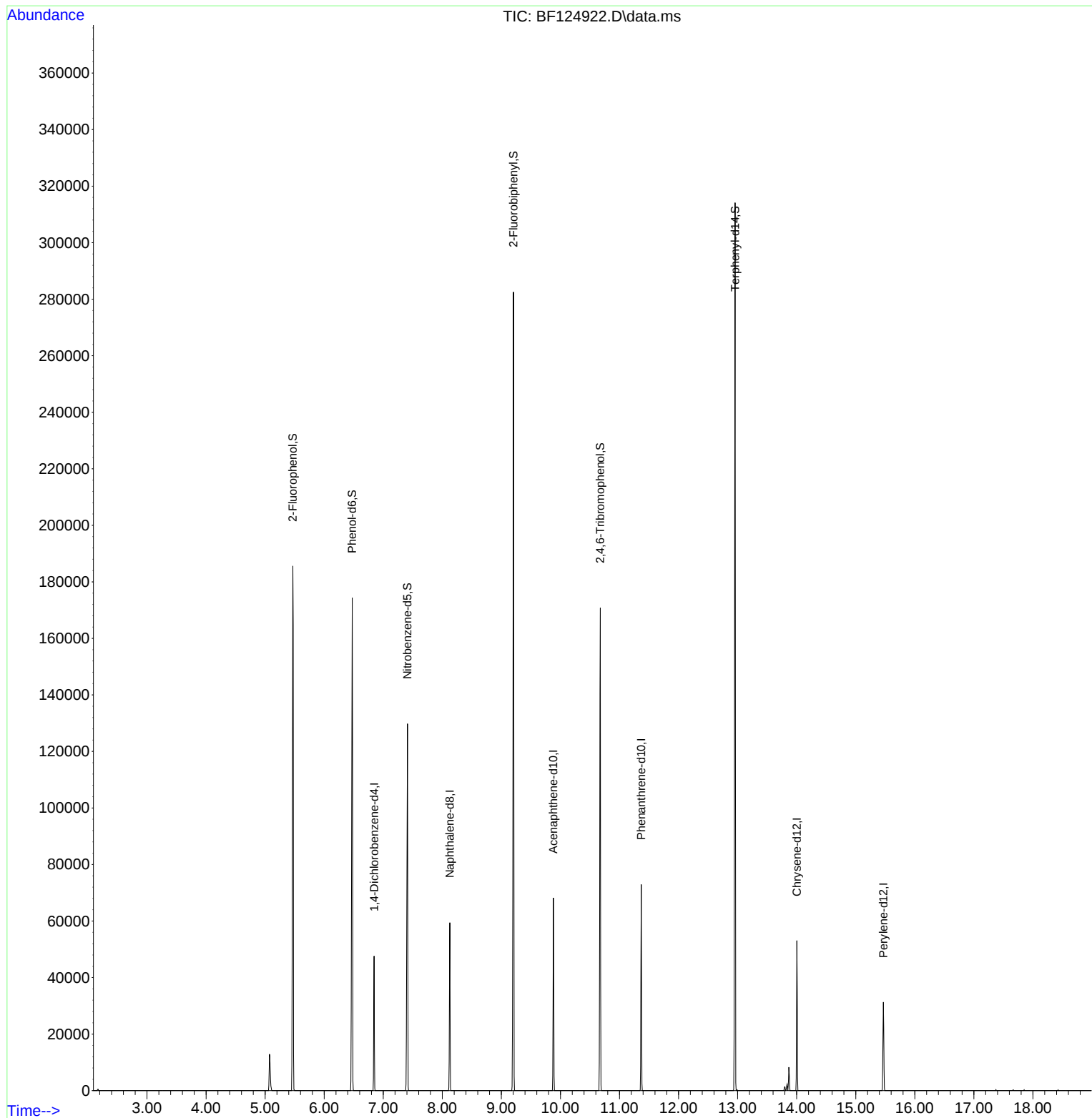
Target Compounds	Qvalue

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

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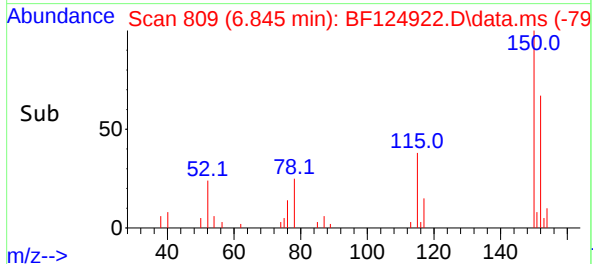
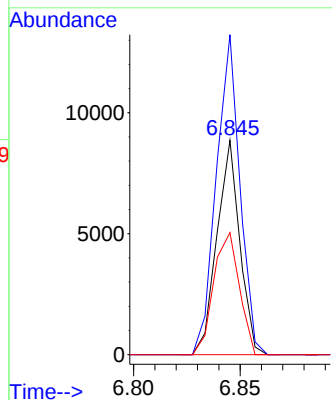
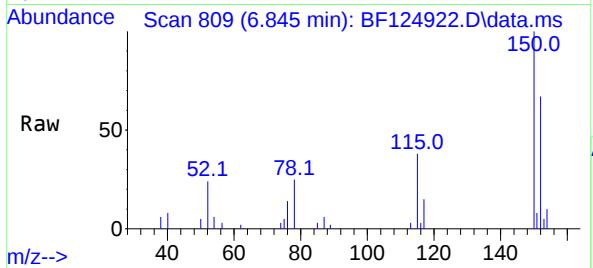




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

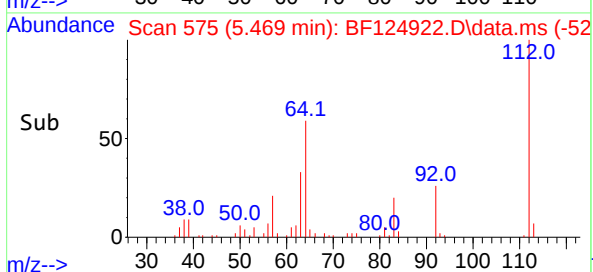
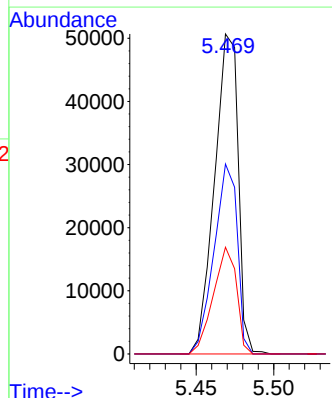
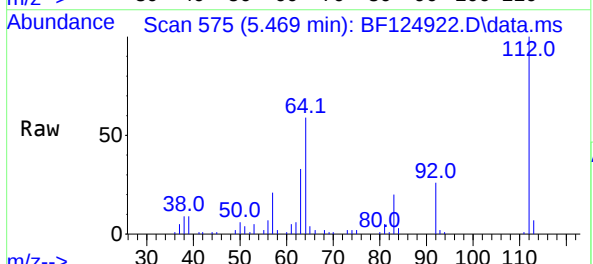
Instrument :
BNA_F
ClientSampleId :
PB138173BL

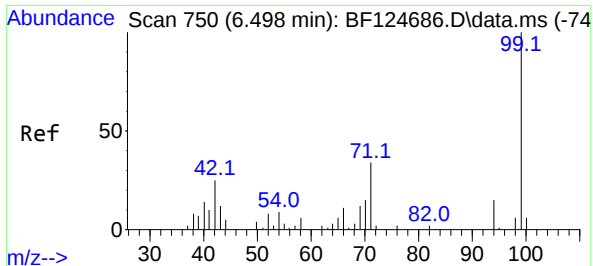
Tgt Ion:152 Resp: 6596
Ion Ratio Lower Upper
152 100
150 149.2 117.6 176.4
115 56.9 47.1 70.7



#5
2-Fluorophenol
Concen: 138.179 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Tgt Ion:112 Resp: 53830
Ion Ratio Lower Upper
112 100
64 59.3 44.2 66.2
63 33.3 26.2 39.2

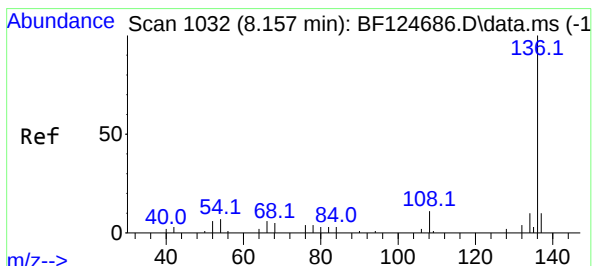
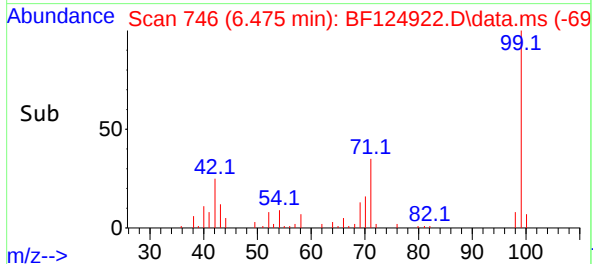
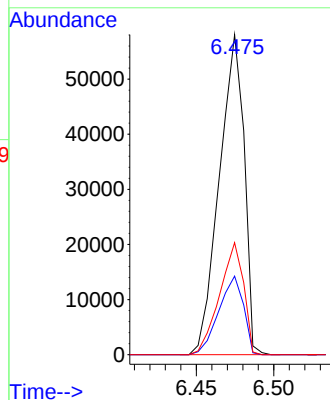
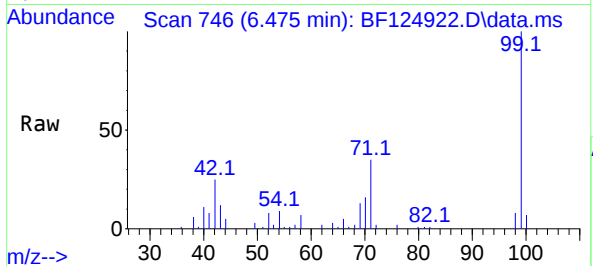




#7
Phenol-d6
Concen: 132.208 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

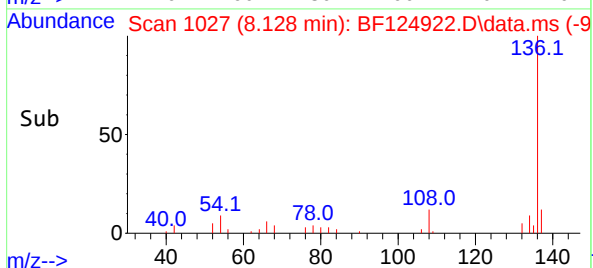
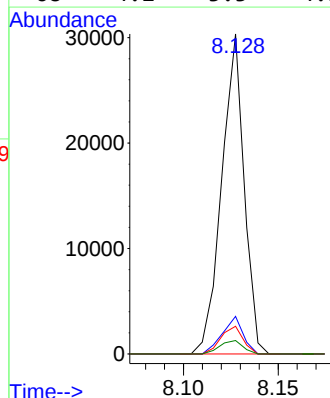
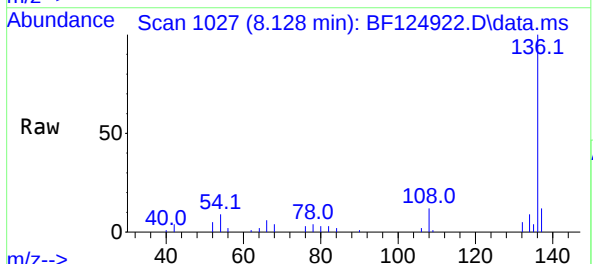
Instrument :
BNA_F
ClientSampleId :
PB138173BL

Tgt Ion: 99 Resp: 64568
Ion Ratio Lower Upper
99 100
42 24.5 23.5 35.3
71 35.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Tgt Ion:136 Resp: 25044
Ion Ratio Lower Upper
136 100
137 11.7 9.8 14.6
54 8.7 6.4 9.6
68 4.2 3.3 4.9

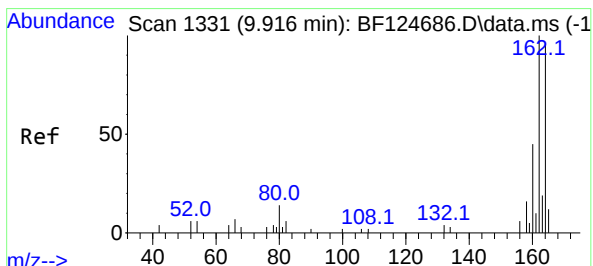
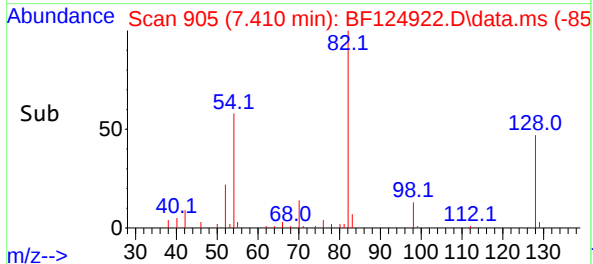
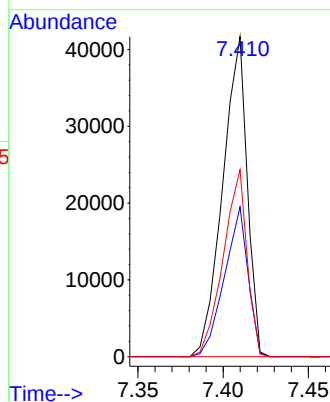
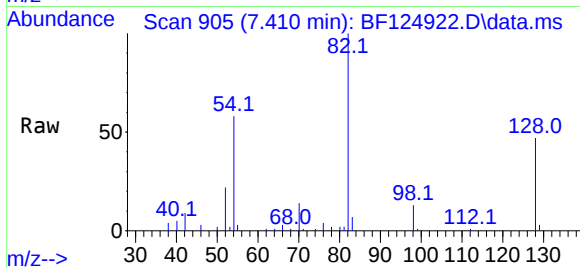




#23
Nitrobenzene-d5
Concen: 99.144 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

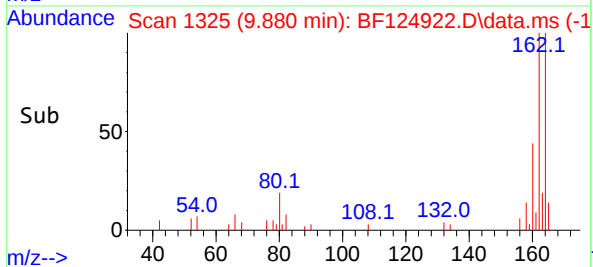
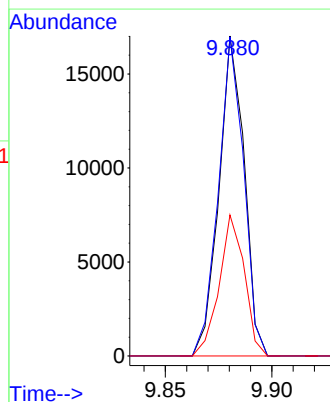
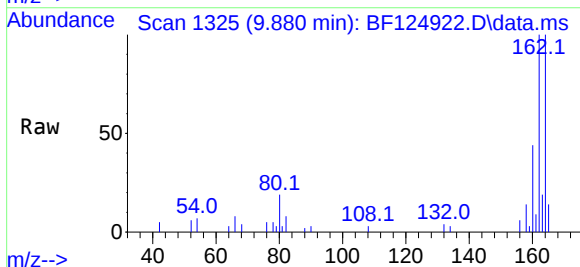
Instrument :
BNA_F
ClientSampleId :
PB138173BL

Tgt Ion: 82 Resp: 41718
Ion Ratio Lower Upper
82 100
128 46.8 40.6 60.8
54 58.4 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Tgt Ion:164 Resp: 14032
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 44.0 38.0 57.0

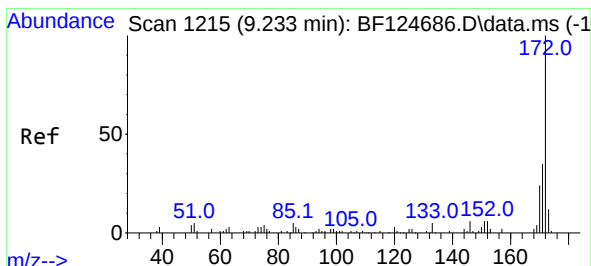
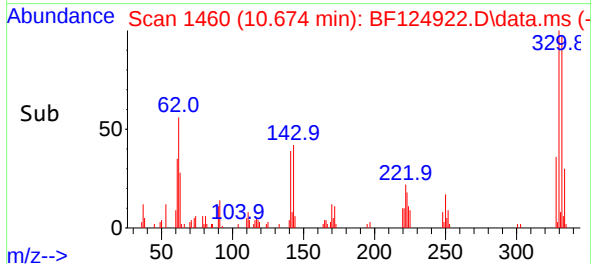
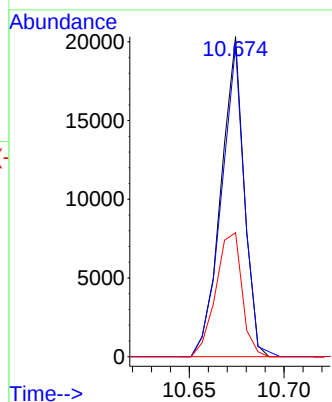
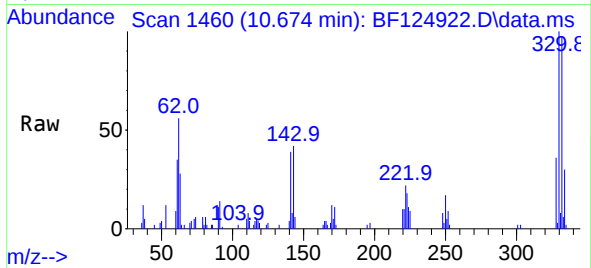




#42
2,4,6-Tribromophenol
Concen: 142.681 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

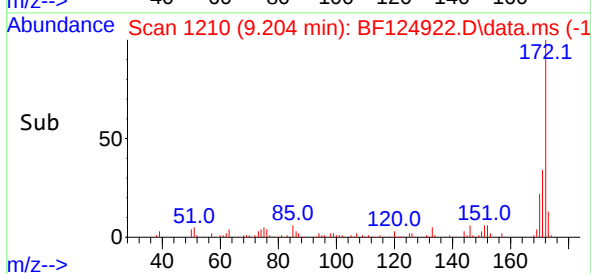
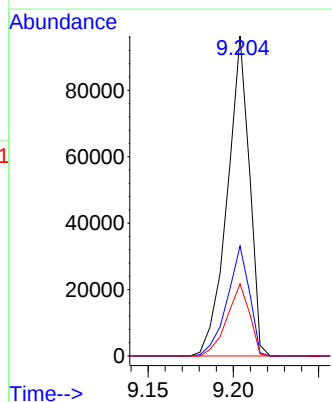
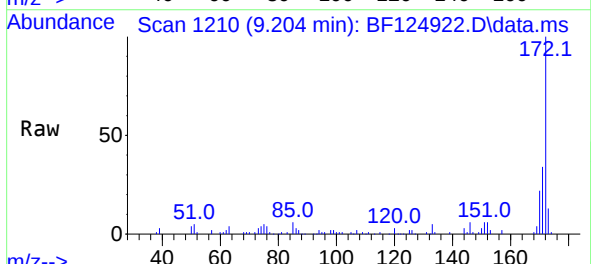
Instrument :
BNA_F
ClientSampleId :
PB138173BL

Tgt Ion:330 Resp: 17190
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 44.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 90.857 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Tgt Ion:172 Resp: 86802
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 22.5 18.8 28.2

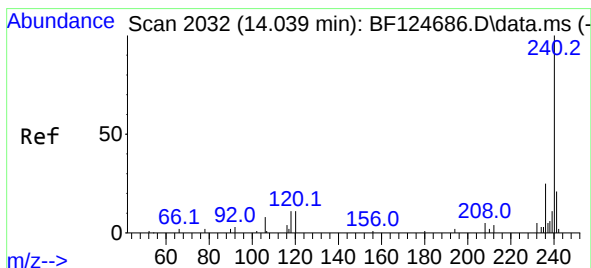
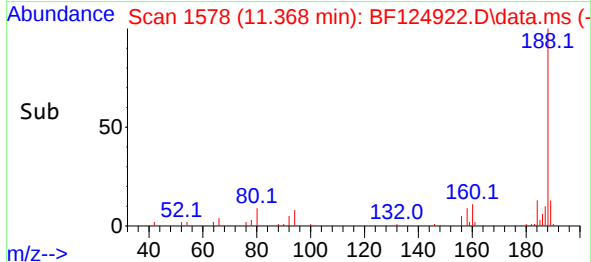
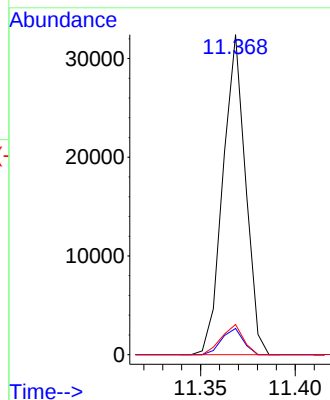
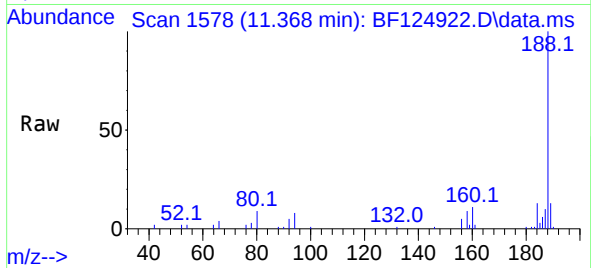




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

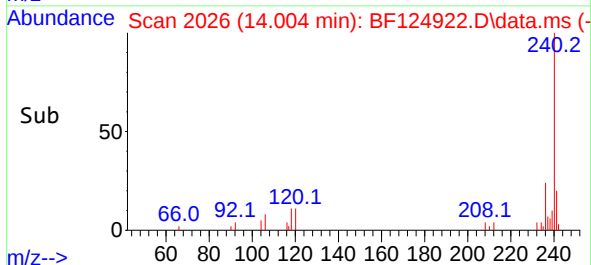
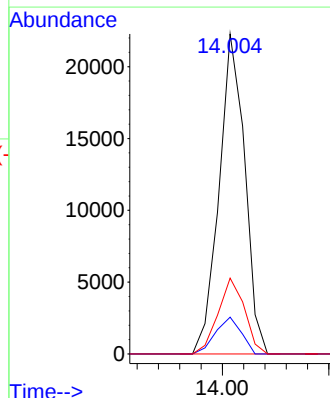
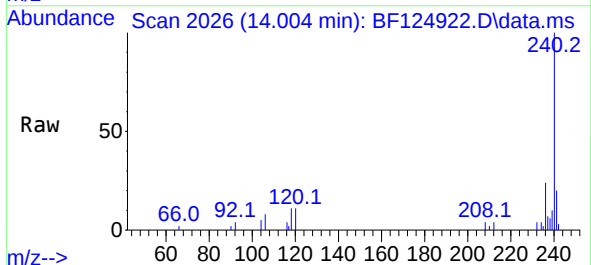
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ClientSampleId :
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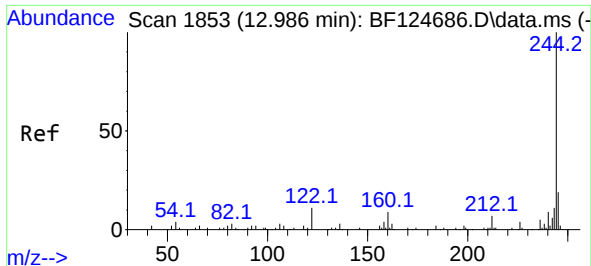
Tgt Ion:188 Resp: 26866
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.5 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Tgt Ion:240 Resp: 18668
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 23.7 21.6 32.4

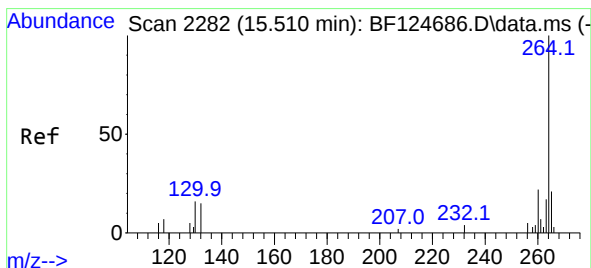
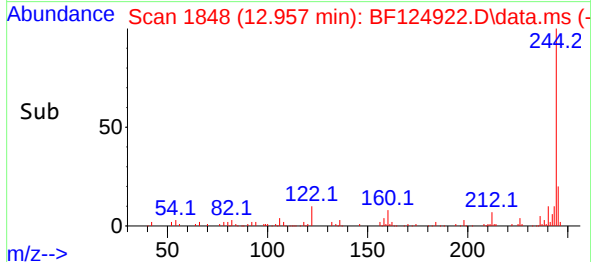
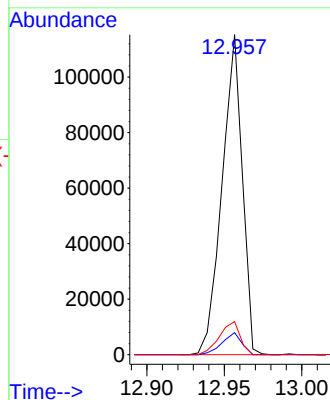
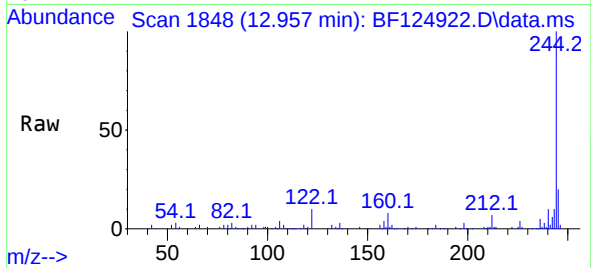




#79
Terphenyl-d14
Concen: 95.877 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Instrument :
BNA_F
ClientSampleId :
PB138173BL

Tgt Ion:244 Resp: 104415
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Tgt Ion:264 Resp: 14663
Ion Ratio Lower Upper
264 100
260 25.2 19.6 29.4
265 21.7 17.2 25.8

