

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131416.D
 Acq On : 26 Nov 2022 02:08
 Operator : CG\JU
 Sample : N5742-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-44

Quant Time: Nov 26 03:19:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	88774	20.000	ng	-0.01
21) Naphthalene-d8	8.245	136	324705	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	182788	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	315011	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	190370	20.000	ng	-0.01
86) Perylene-d12	15.698	264	185116	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	295661	63.386	ng	0.00
7) Phenol-d6	6.563	99	225263	37.851	ng	-0.02
23) Nitrobenzene-d5	7.522	82	550766	85.503	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	236923	154.065	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1012047	80.549	ng	0.00
79) Terphenyl-d14	13.098	244	770244	66.163	ng	-0.01

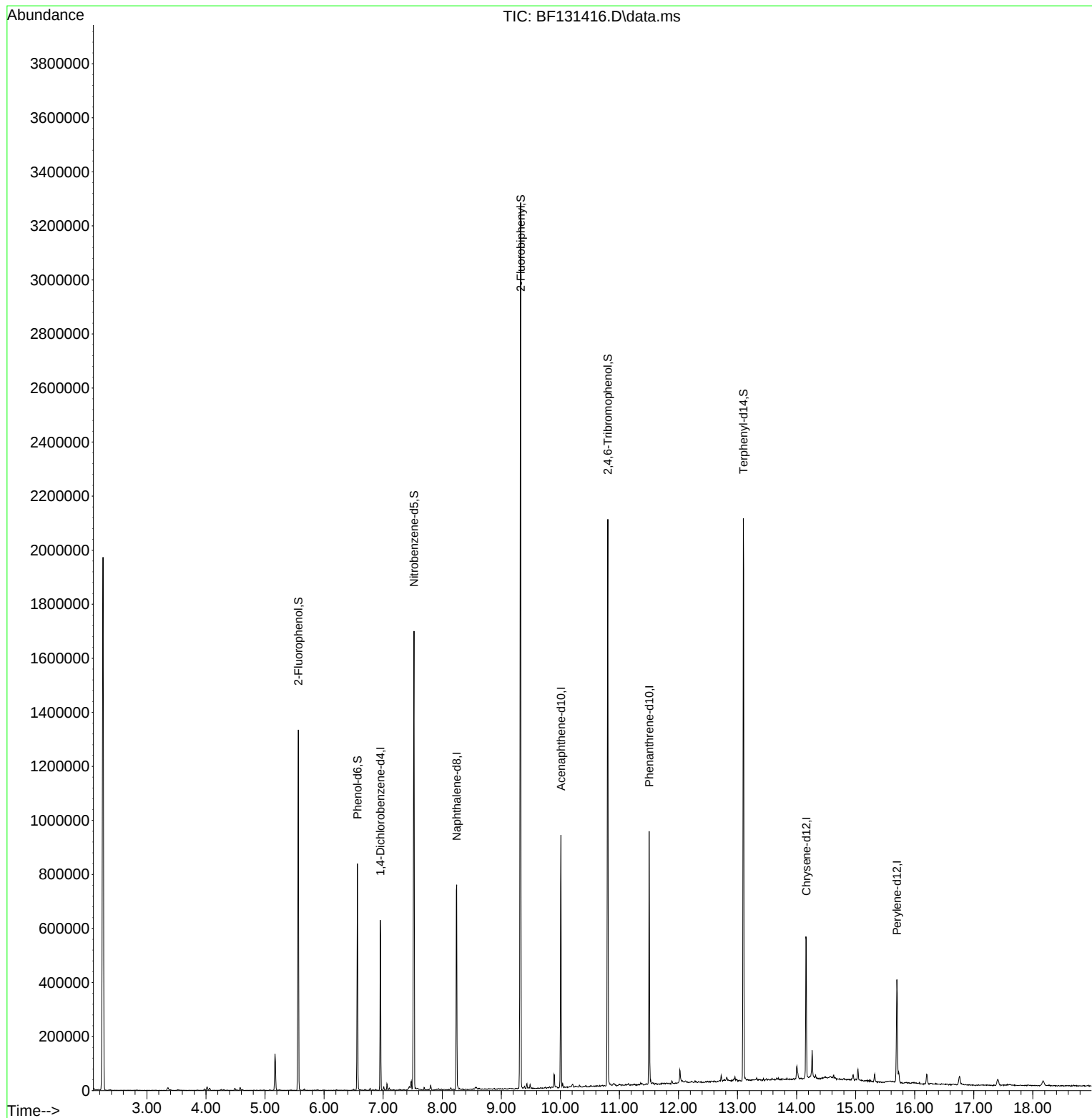
Target Compounds	Qvalue

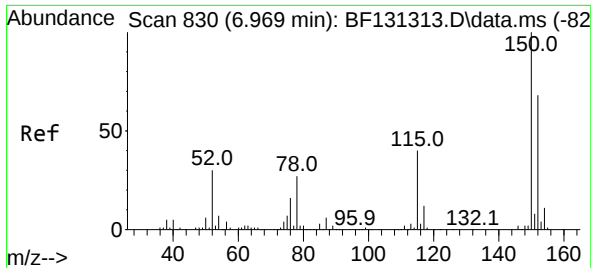
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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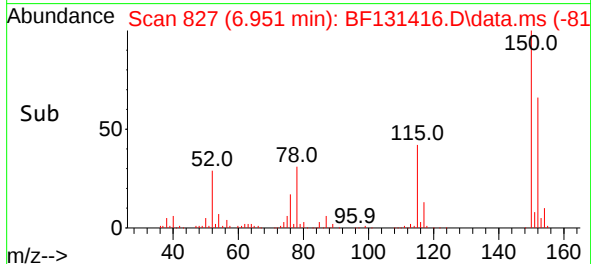
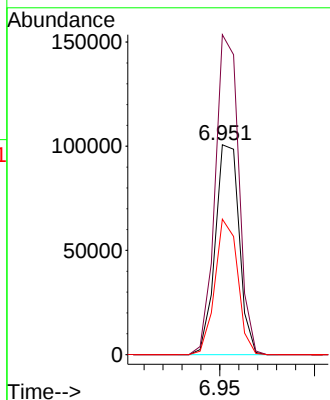
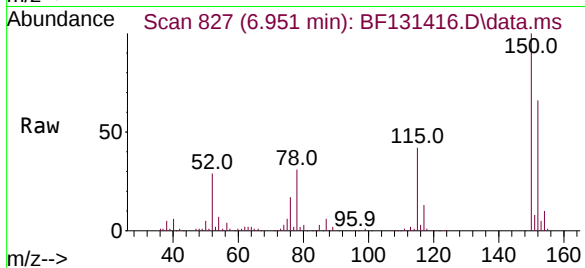




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

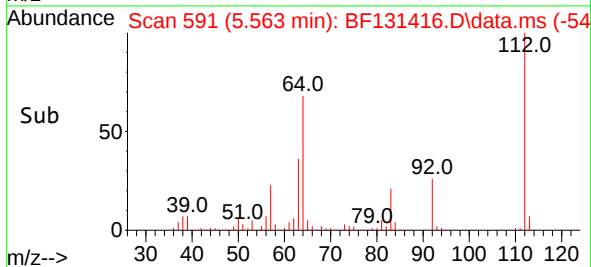
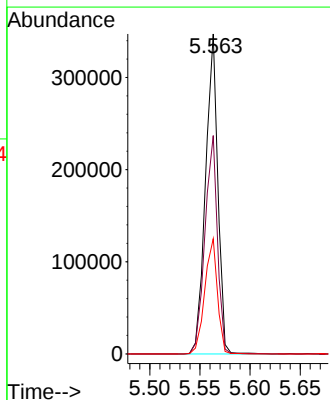
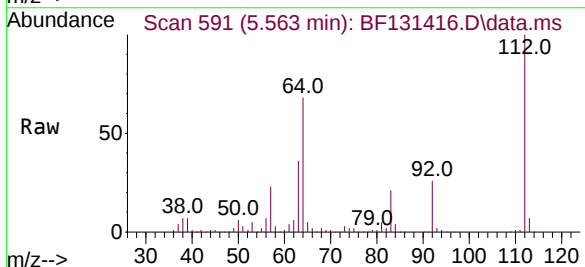
Instrument :
BNA_F
ClientSampleId :
MW-44

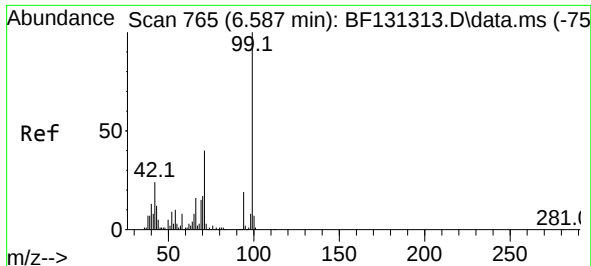
Tgt Ion:152 Resp: 88774
Ion Ratio Lower Upper
152 100
150 152.5 117.8 176.8
115 64.5 47.1 70.7



#5
2-Fluorophenol
Concen: 63.386 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

Tgt Ion:112 Resp: 295661
Ion Ratio Lower Upper
112 100
64 68.3 58.6 88.0
63 36.0 31.4 47.0

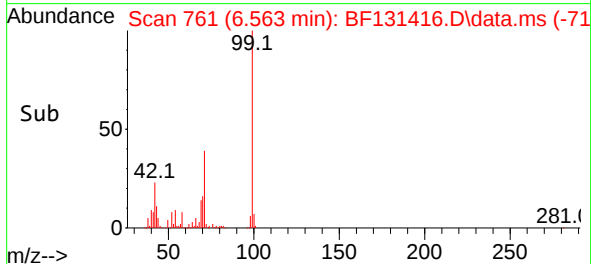
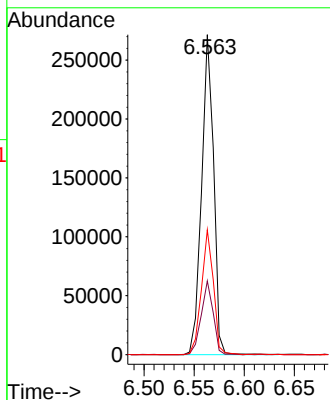
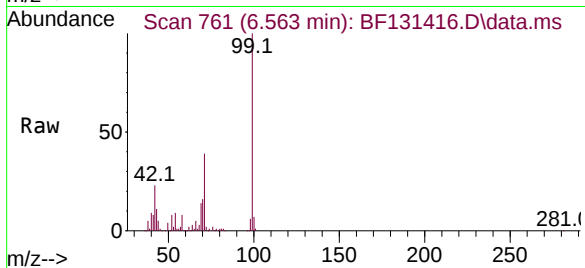




#7
Phenol-d6
Concen: 37.851 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.017 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

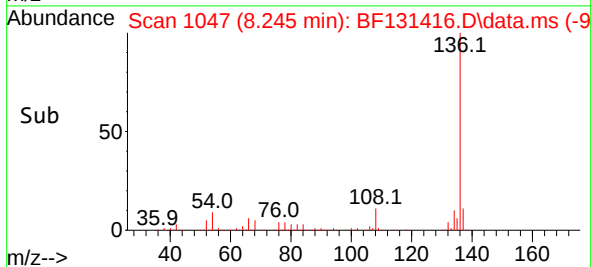
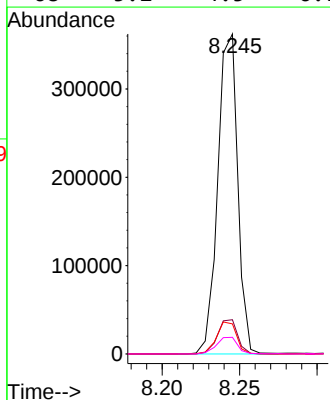
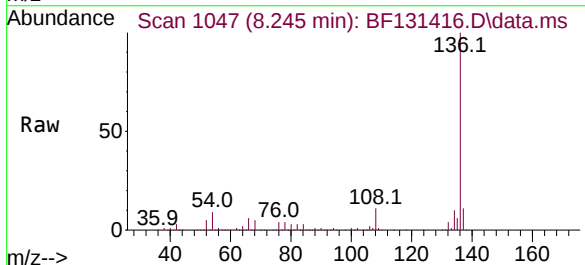
Instrument :
BNA_F
ClientSampleId :
MW-44

Tgt Ion: 99 Resp: 225263
Ion Ratio Lower Upper
99 100
42 23.1 19.4 29.2
71 39.0 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

Tgt Ion: 136 Resp: 324705
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.4 9.4 14.0
68 5.2 4.5 6.7

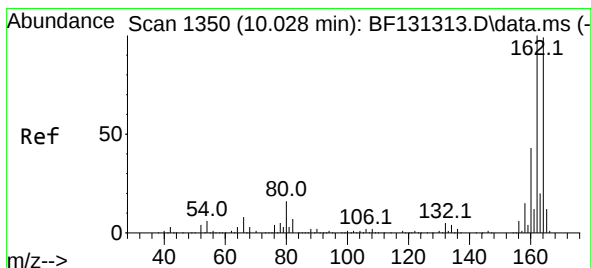
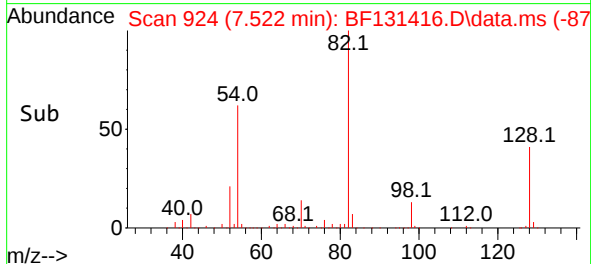
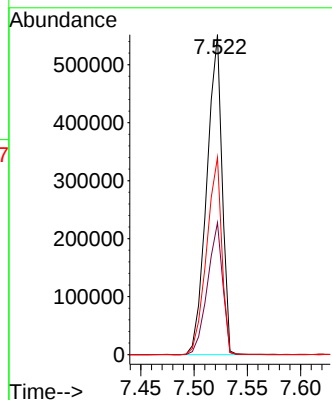
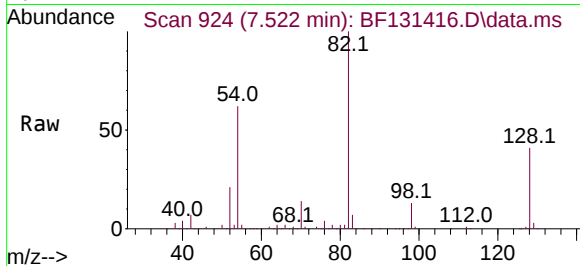




#23
Nitrobenzene-d5
Concen: 85.503 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

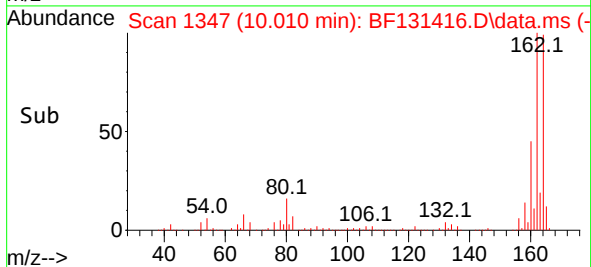
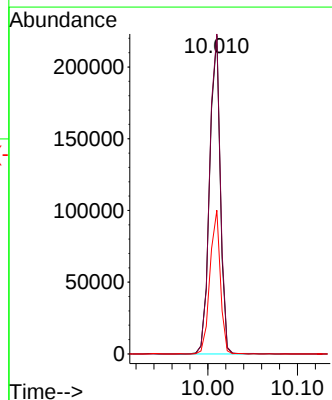
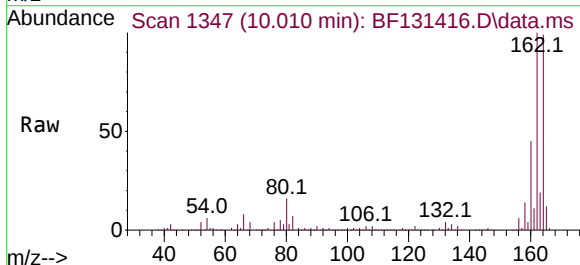
Instrument :
BNA_F
ClientSampleId :
MW-44

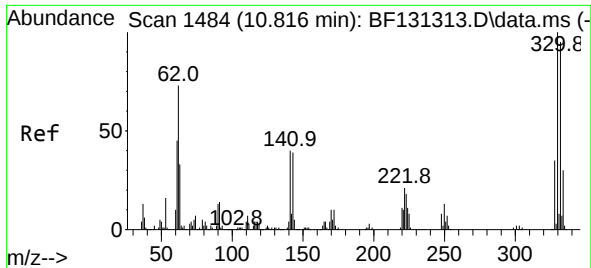
Tgt Ion: 82 Resp: 550766
Ion Ratio Lower Upper
82 100
128 41.3 31.4 47.0
54 61.6 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

Tgt Ion:164 Resp: 182788
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 45.1 34.4 51.6

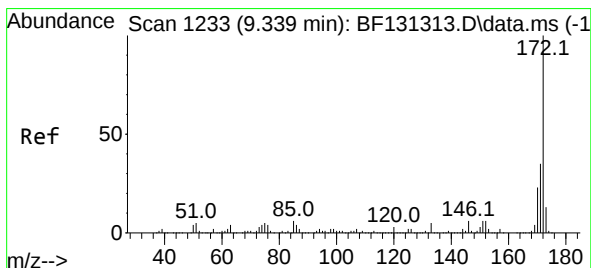
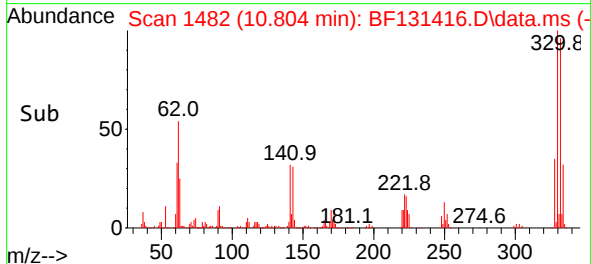
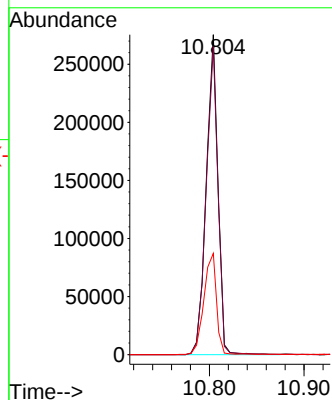
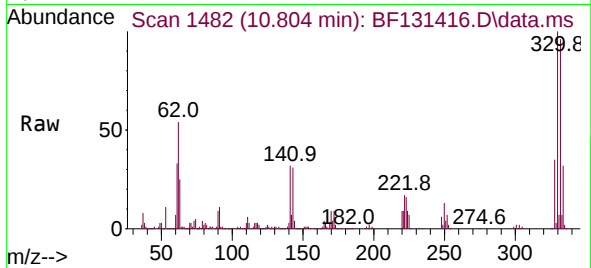




#42
2,4,6-Tribromophenol
Concen: 154.065 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

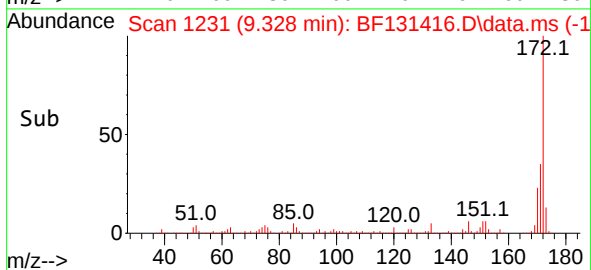
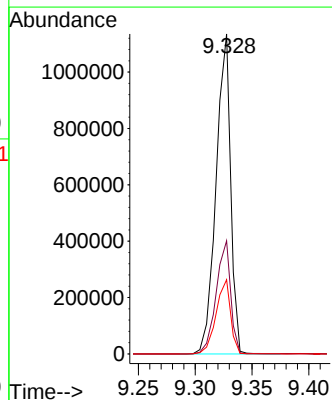
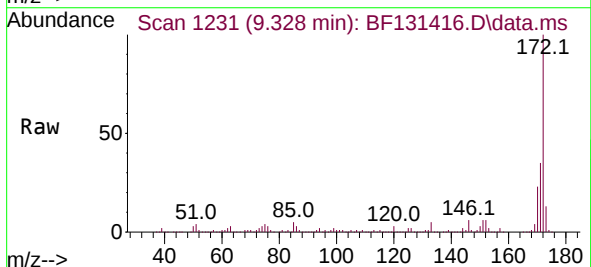
Instrument :
BNA_F
ClientSampleId :
MW-44

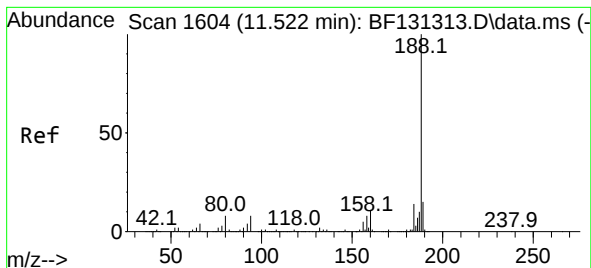
Tgt Ion:330 Resp: 236923
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 34.2 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 80.549 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

Tgt Ion:172 Resp: 1012047
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF131416.D

Acq: 26 Nov 2022 02:08

Instrument :

BNA_F

ClientSampleId :

MW-44

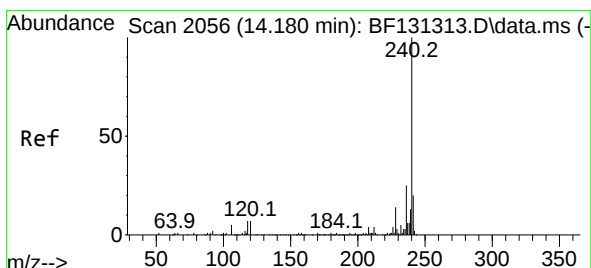
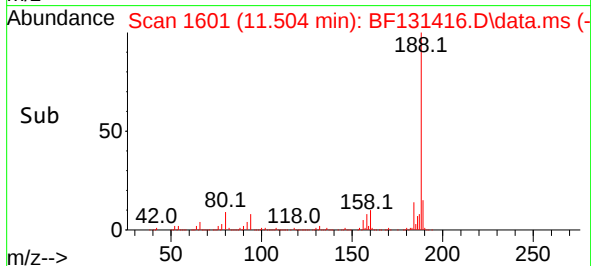
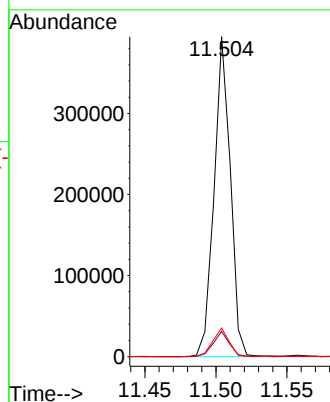
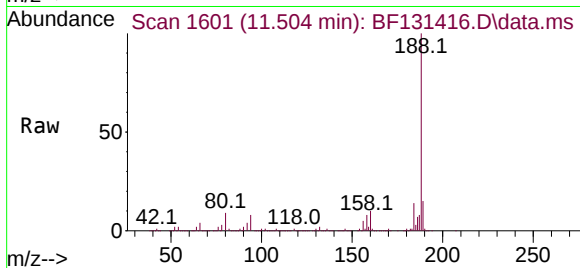
Tgt Ion:188 Resp: 315011

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

80 8.9 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.163 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BF131416.D

Acq: 26 Nov 2022 02:08

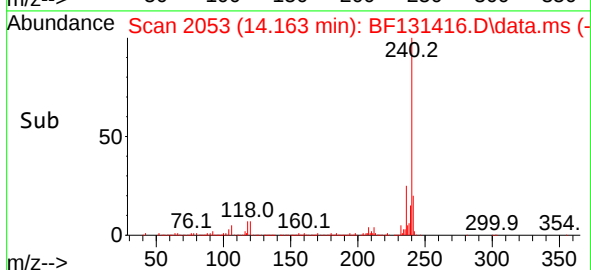
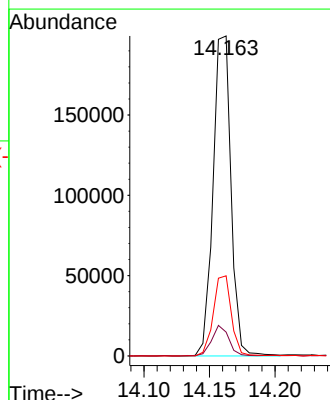
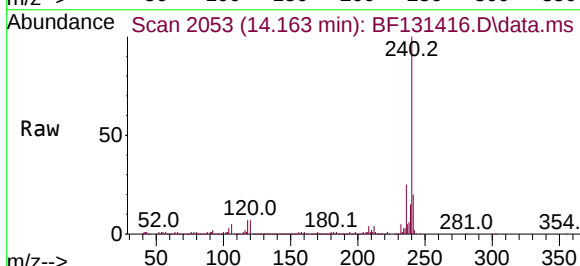
Tgt Ion:240 Resp: 190370

Ion Ratio Lower Upper

240 100

120 7.5 5.8 8.8

236 25.0 20.3 30.5

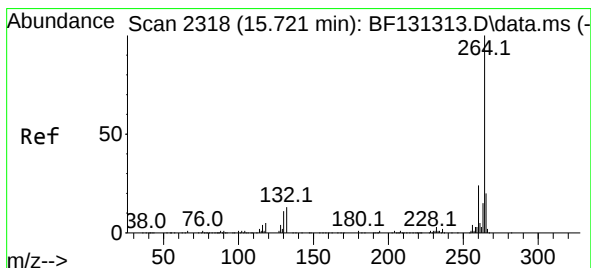
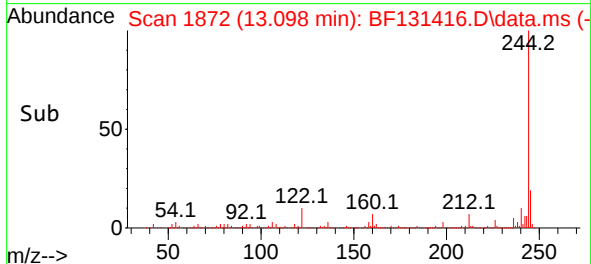
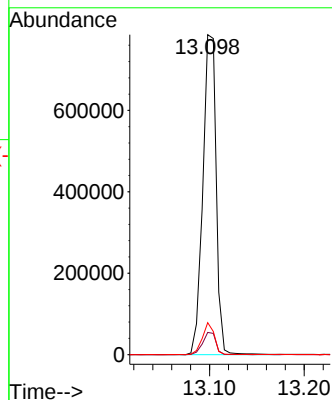
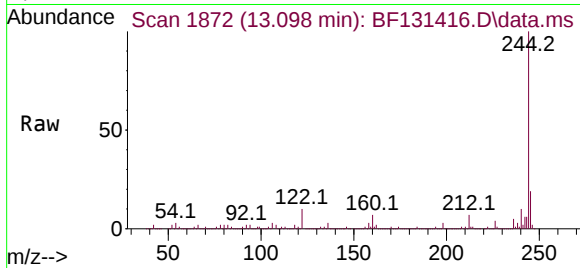




#79
 Terphenyl-d14
 Concen: 66.163 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.012 min
 Lab File: BF131416.D
 Acq: 26 Nov 2022 02:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-44

Tgt Ion:244 Resp: 770244
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.0 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.698 min Scan# 2314
 Delta R.T. -0.012 min
 Lab File: BF131416.D
 Acq: 26 Nov 2022 02:08

Tgt Ion:264 Resp: 185116
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 21.6 16.4 24.6

