

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132057.D
 Acq On : 13 Jan 2023 13:50
 Operator : CG\JU
 Sample : PB150221BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150221BL

Quant Time: Jan 16 01:16:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	79988	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	303000	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	185093	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	364642	20.000	ng	0.00
76) Chrysene-d12	13.962	240	274503	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	196039	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	685824	141.282	ng	0.02
7) Phenol-d6	6.428	99	863412	134.149	ng	0.00
23) Nitrobenzene-d5	7.351	82	614093	84.115	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	271000	127.340	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1124907	82.044	ng	0.00
79) Terphenyl-d14	12.910	244	1499937	78.317	ng	0.00

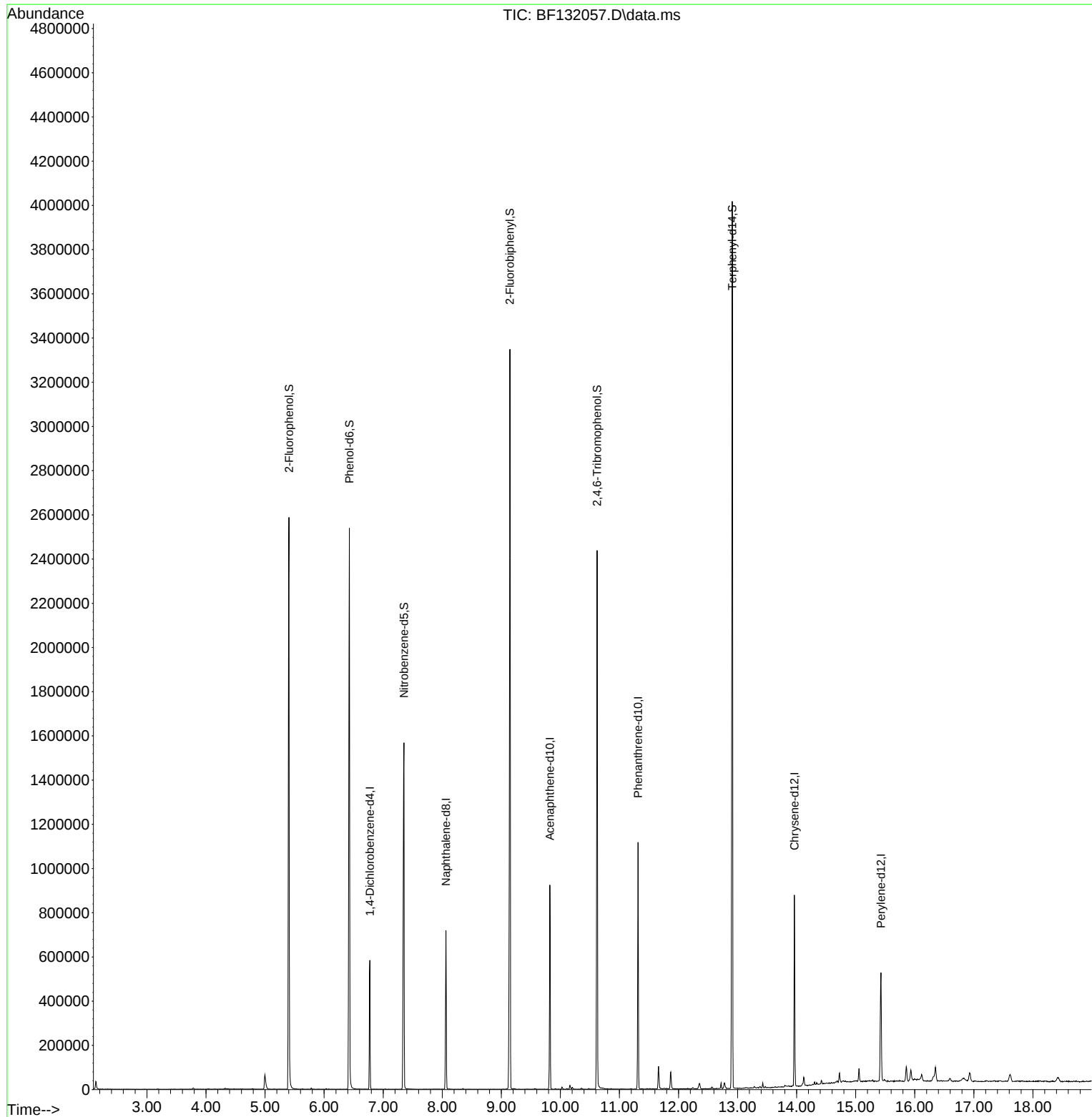
Target Compounds	Qvalue

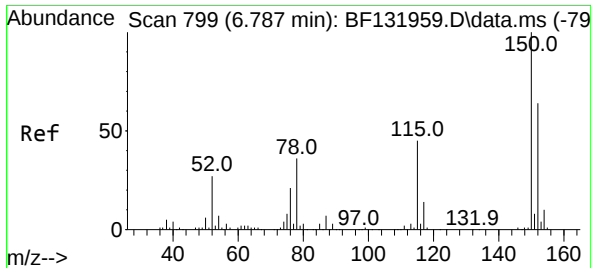
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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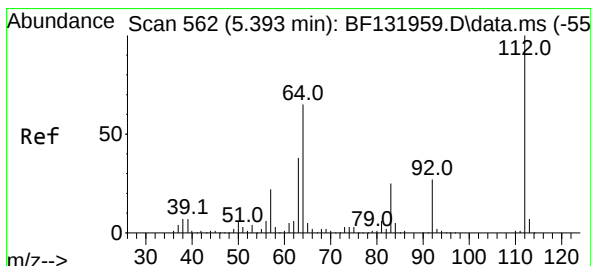
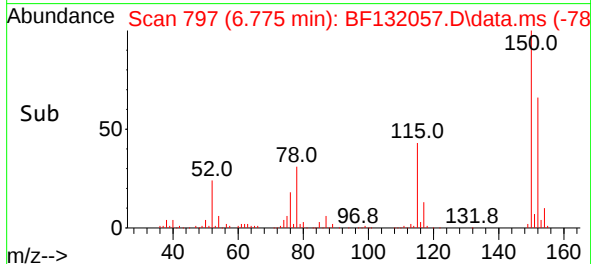
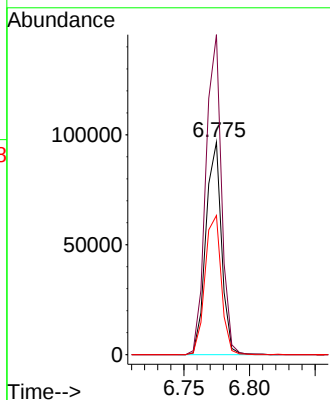
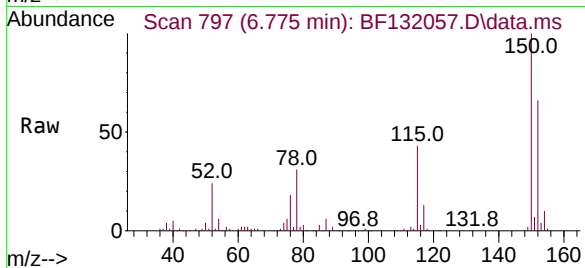




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

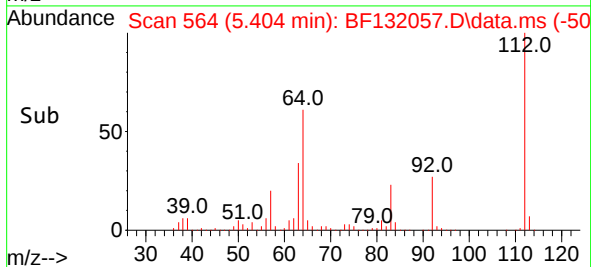
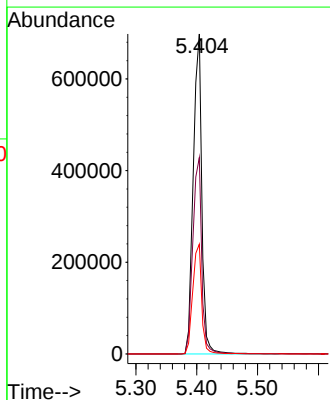
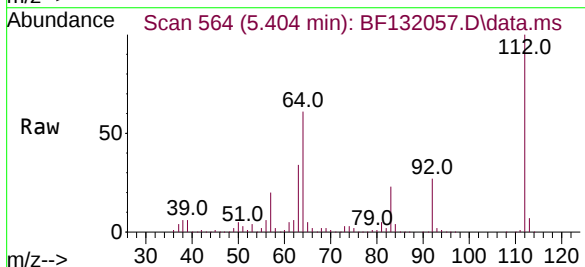
Instrument :
BNA_F
ClientSampleId :
PB150221BL

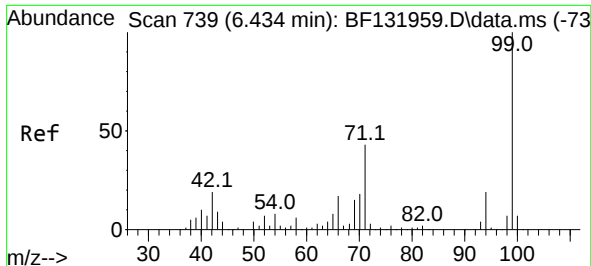
Tgt Ion:152 Resp: 79988
Ion Ratio Lower Upper
152 100
150 150.7 124.6 186.8
115 65.5 55.6 83.4



#5
2-Fluorophenol
Concen: 141.282 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.023 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

Tgt Ion:112 Resp: 685824
Ion Ratio Lower Upper
112 100
64 61.3 51.9 77.9
63 34.3 30.2 45.2

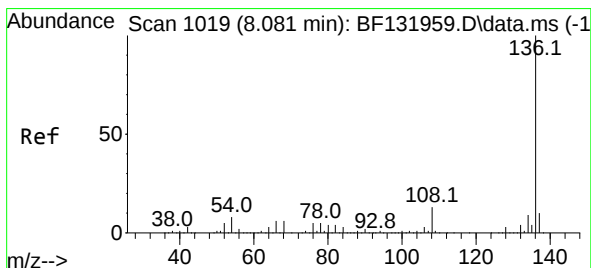
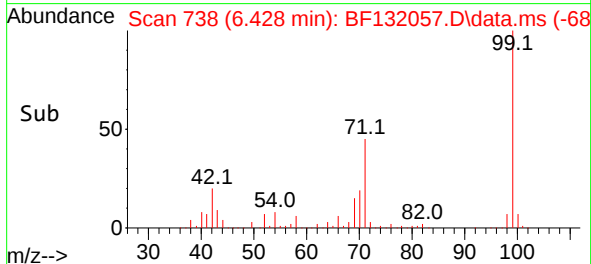
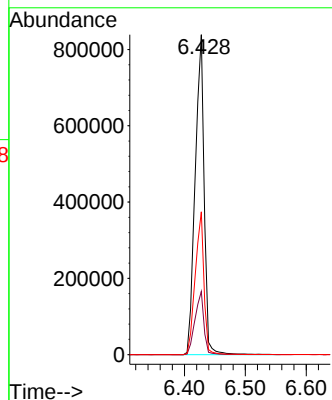
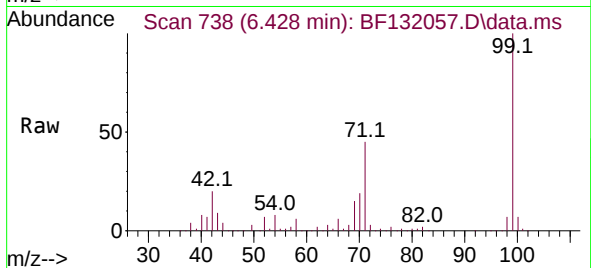




#7
Phenol-d6
Concen: 134.149 ng
RT: 6.428 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

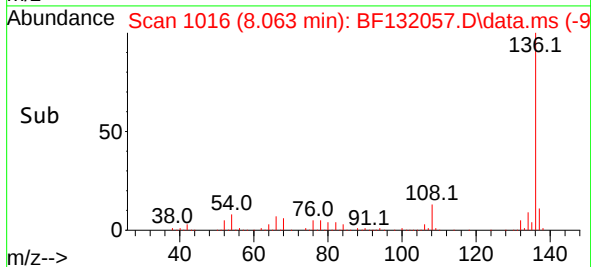
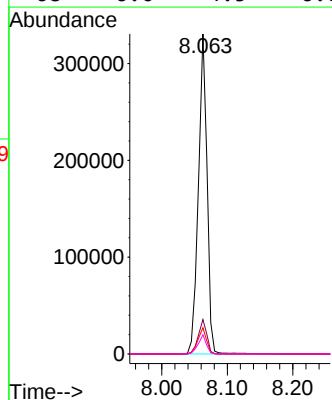
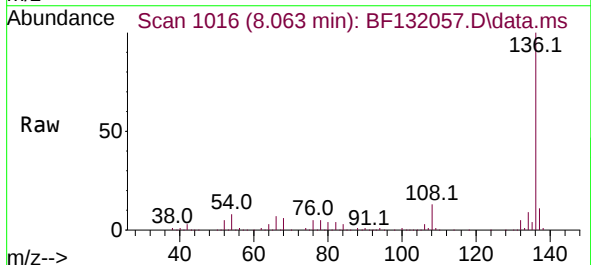
Instrument :
BNA_F
ClientSampleId :
PB150221BL

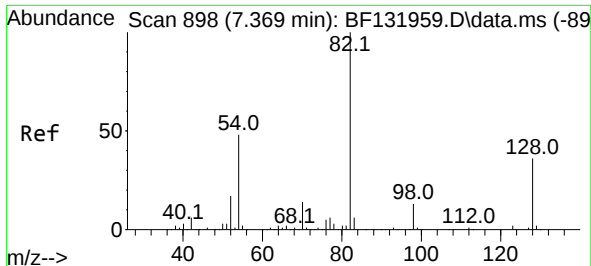
Tgt Ion: 99 Resp: 863412
Ion Ratio Lower Upper
99 100
42 19.7 15.4 23.2
71 44.6 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

Tgt Ion: 136 Resp: 303000
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 8.2 6.6 9.8
68 6.0 4.5 6.7

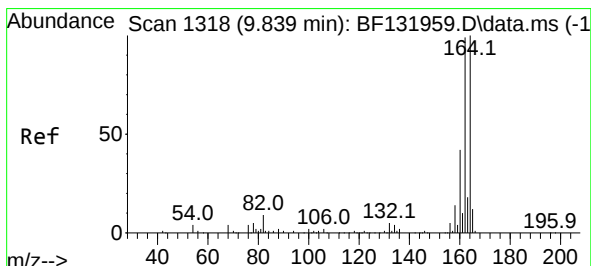
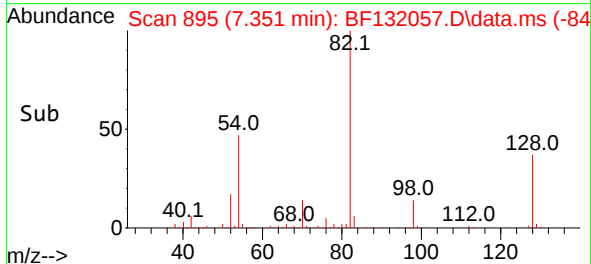
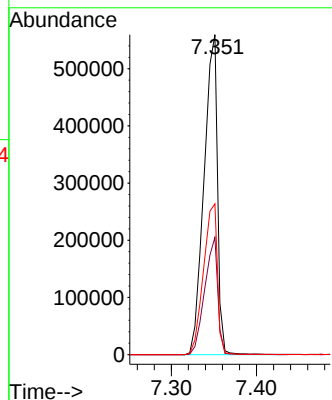
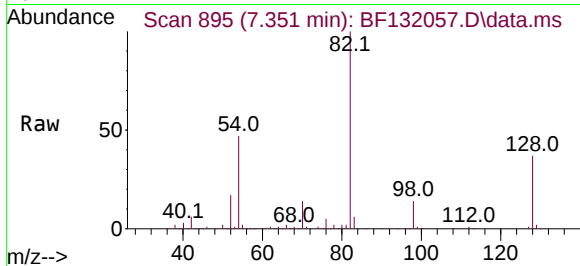




#23
Nitrobenzene-d5
Concen: 84.115 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

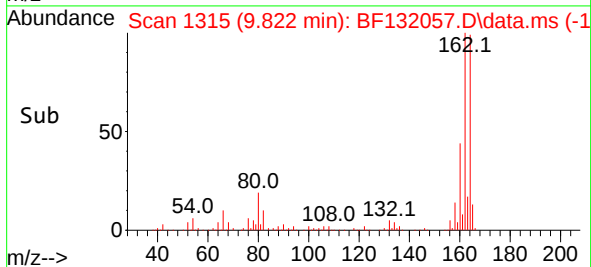
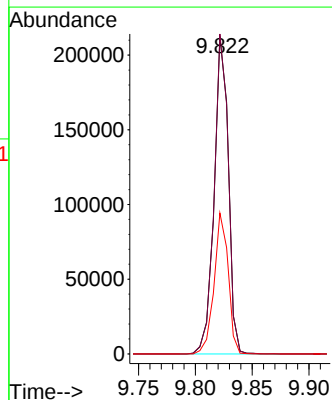
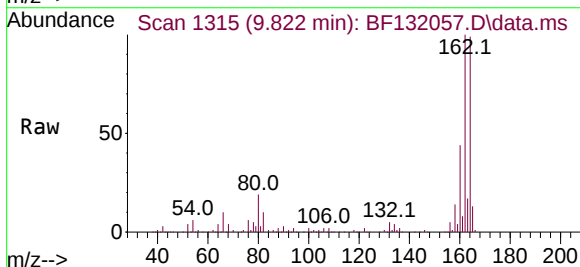
Instrument :
BNA_F
ClientSampleId :
PB150221BL

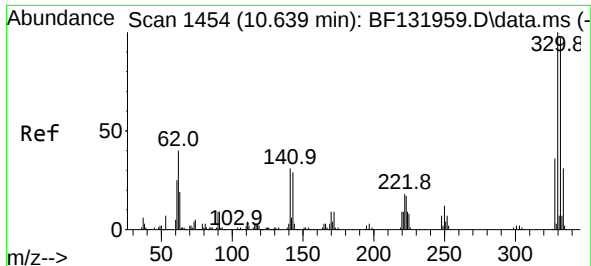
Tgt Ion: 82 Resp: 614093
Ion Ratio Lower Upper
82 100
128 36.6 28.7 43.1
54 47.1 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

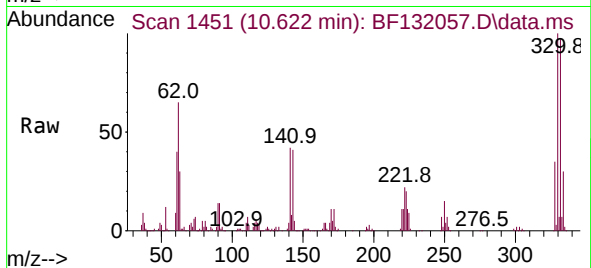
Tgt Ion:164 Resp: 185093
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 44.4 33.9 50.9



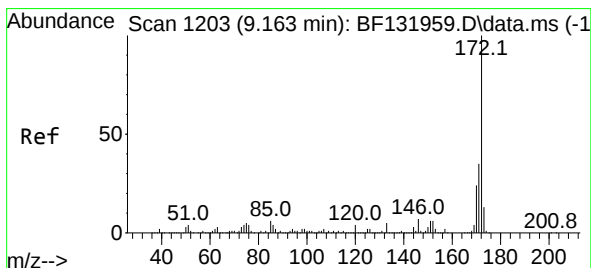
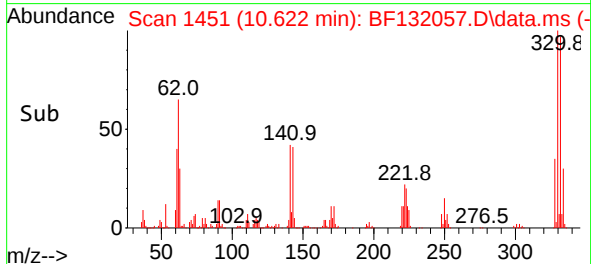
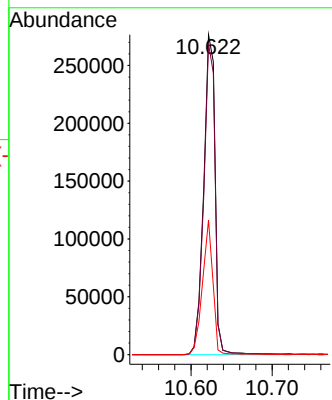


#42
2,4,6-Tribromophenol
Concen: 127.340 ng
RT: 10.622 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

Instrument :
BNA_F
ClientSampleId :
PB150221BL

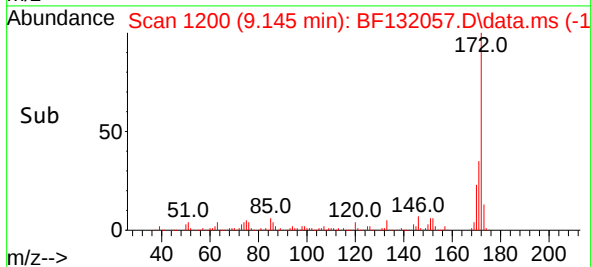
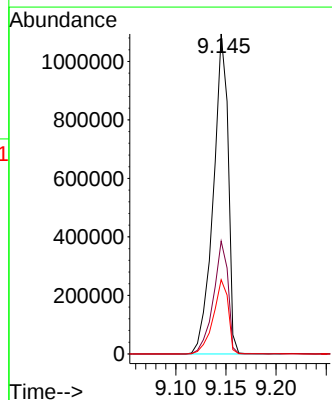
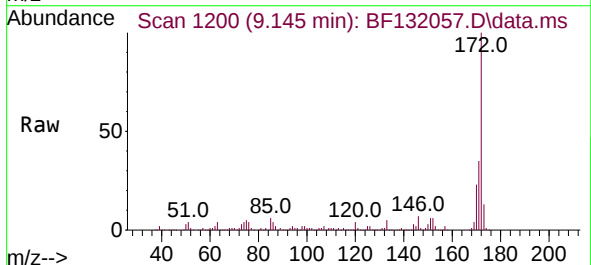


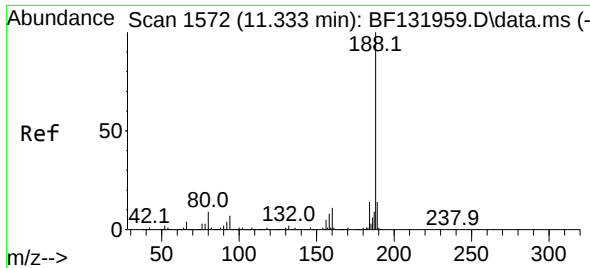
Tgt Ion:330 Resp: 271000
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 38.4 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 82.044 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

Tgt Ion:172 Resp: 1124907
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.2 18.9 28.3

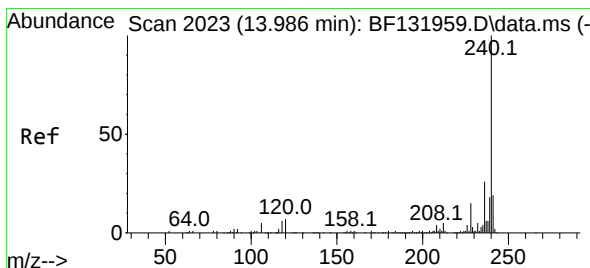
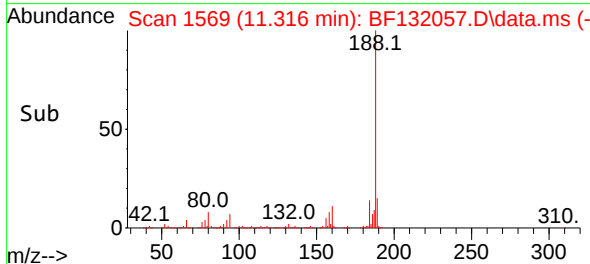
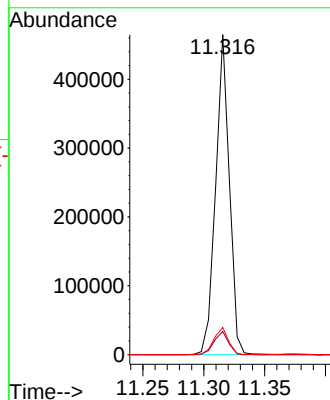
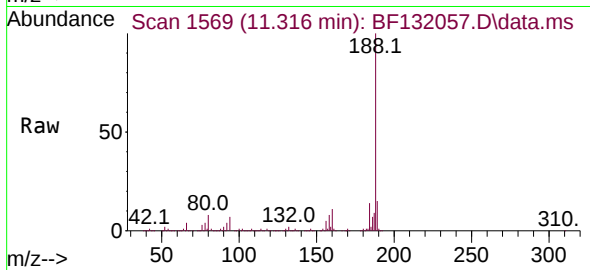




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

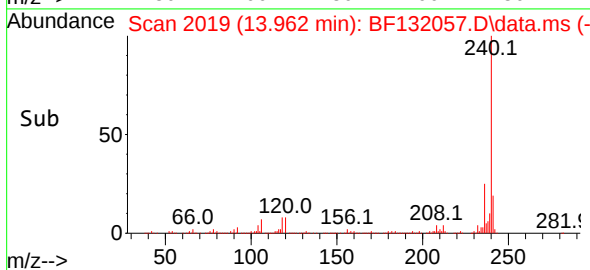
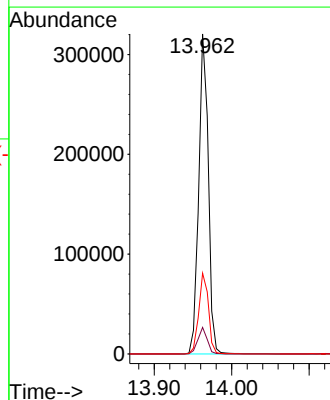
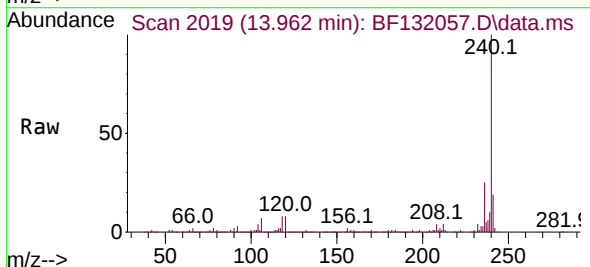
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ClientSampleId :
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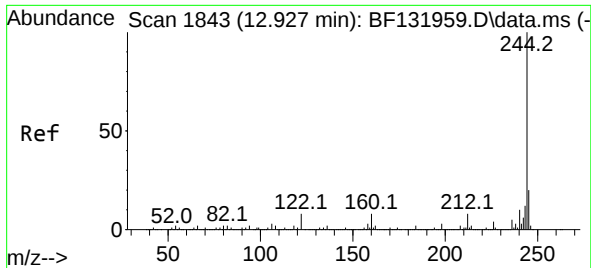
Tgt Ion:188 Resp: 364642
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 8.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF132057.D
Acq: 13 Jan 2023 13:50

Tgt Ion:240 Resp: 274503
Ion Ratio Lower Upper
240 100
120 8.3 5.4 8.0#
236 25.2 21.1 31.7

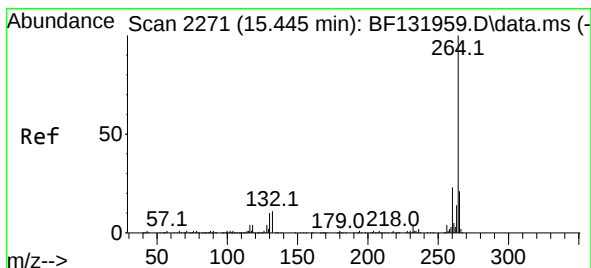
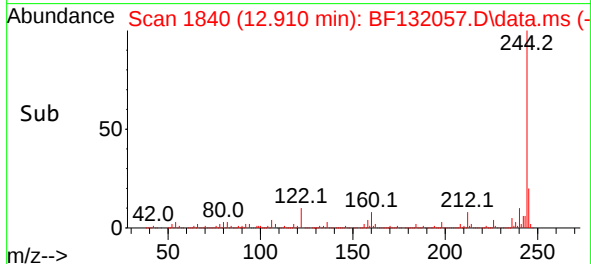
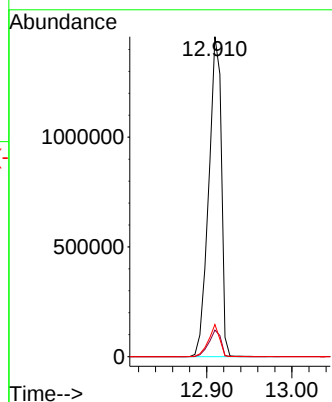
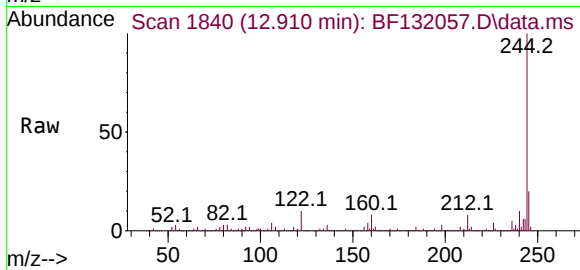




#79
 Terphenyl-d14
 Concen: 78.317 ng
 RT: 12.910 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF132057.D
 Acq: 13 Jan 2023 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB150221BL

Tgt Ion:244 Resp: 1499937
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 10.0 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.012 min
 Lab File: BF132057.D
 Acq: 13 Jan 2023 13:50

Tgt Ion:264 Resp: 196039
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.3 27.5
 265 20.3 16.9 25.3

