

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131932.D
 Acq On : 06 Jan 2023 00:18
 Operator : CG\JU
 Sample : N6243-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Jan 06 03:16:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	63605	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	222392	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	115498	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	171389	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	134309	20.000	ng	0.00
86) Perylene-d12	15.486	264	122279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	402791	104.947	ng	0.01
7) Phenol-d6	6.440	99	524001	103.917	ng	0.00
23) Nitrobenzene-d5	7.375	82	370159	66.454	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	96319	76.755	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	610337	72.382	ng	0.00
79) Terphenyl-d14	12.945	244	462798	58.286	ng	0.00

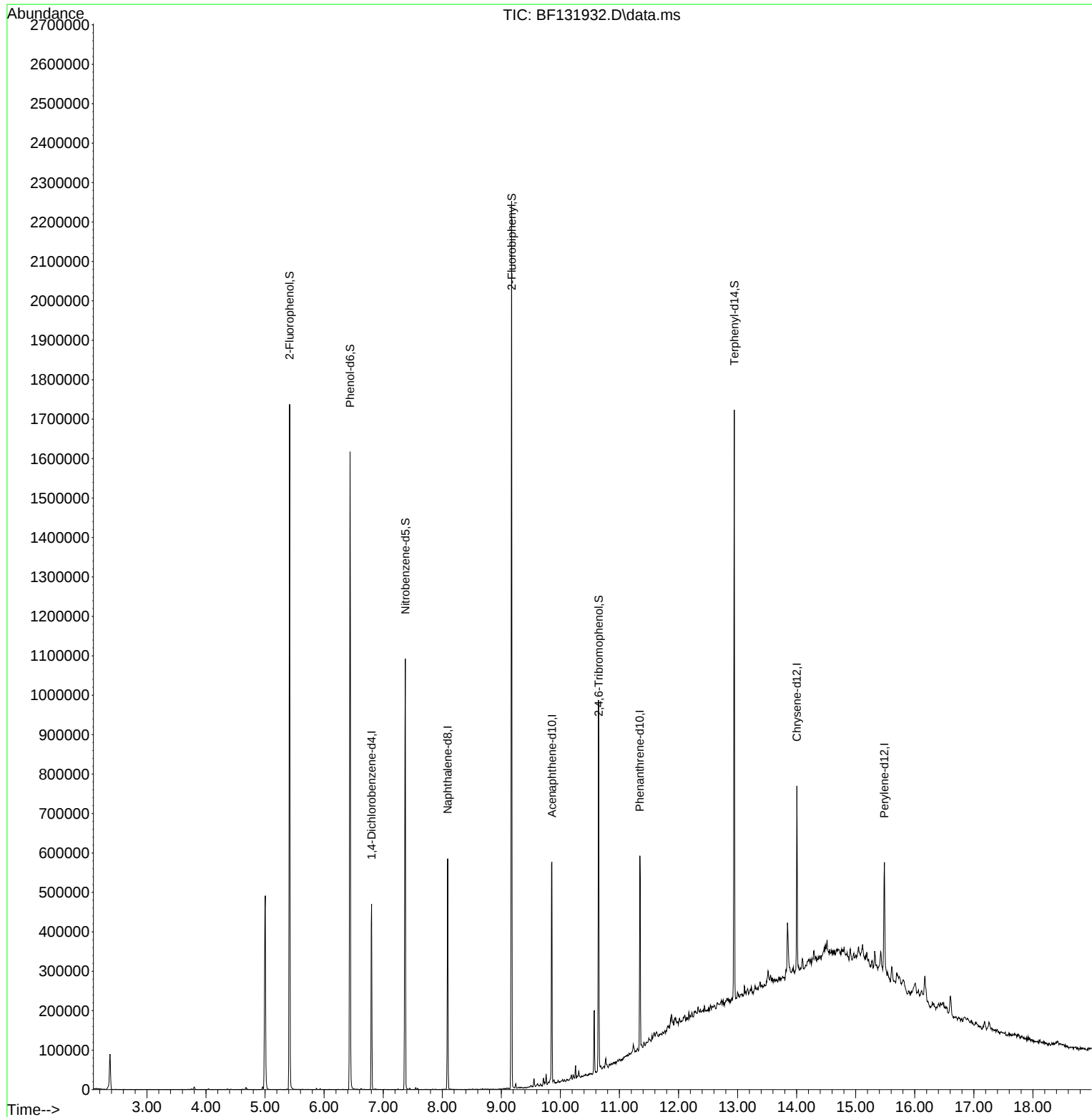
Target Compounds Qvalue

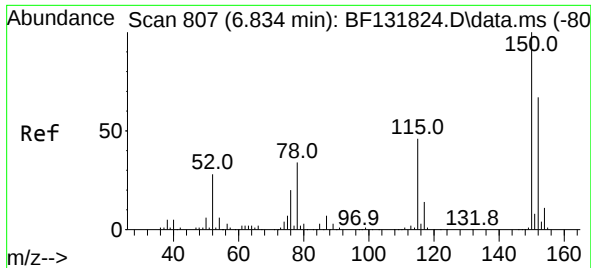
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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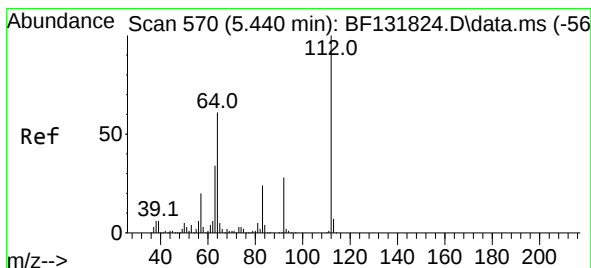
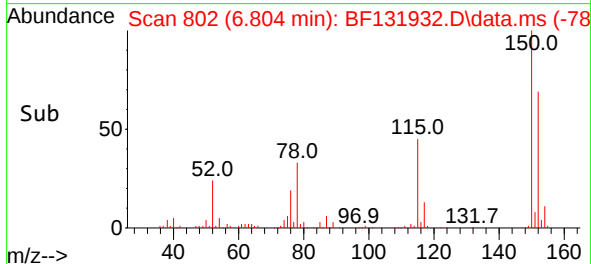
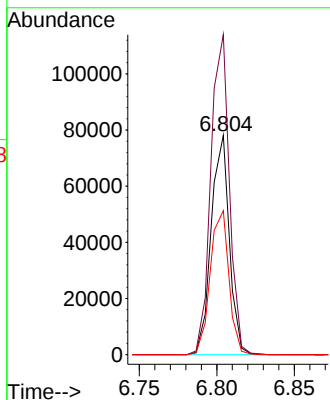
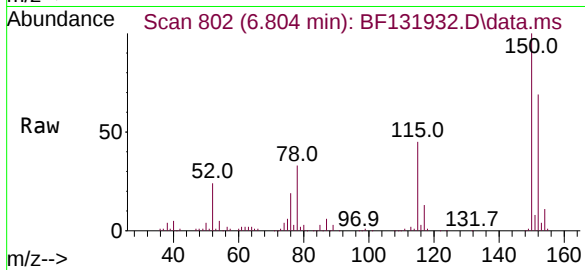




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 807
 Delta R.T. 0.000 min
 Lab File: BF131932.D
 Acq: 06 Jan 2023 00:18

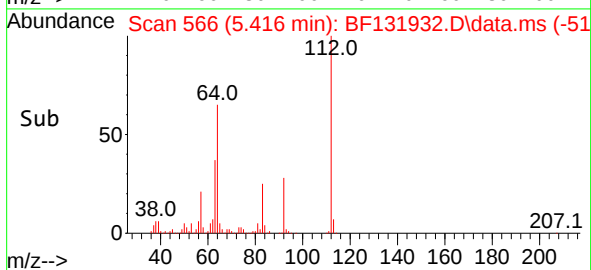
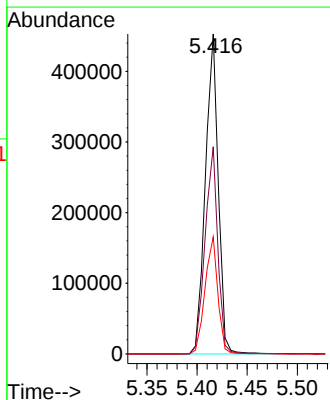
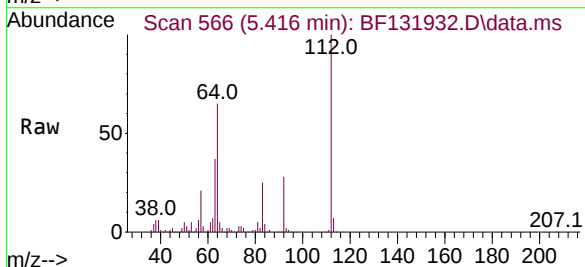
Instrument :
 BNA_F
 ClientSampleId :
 PE-4

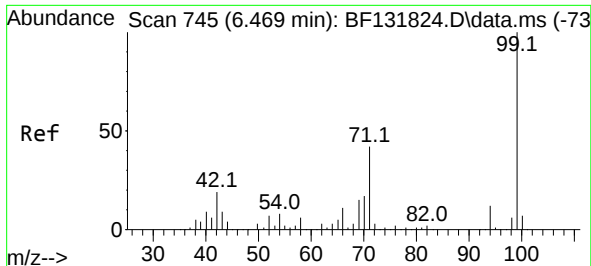
Tgt Ion:152 Resp: 63605
 Ion Ratio Lower Upper
 152 100
 150 146.0 120.0 180.0
 115 65.7 55.1 82.7



#5
 2-Fluorophenol
 Concen: 104.947 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF131932.D
 Acq: 06 Jan 2023 00:18

Tgt Ion:112 Resp: 402791
 Ion Ratio Lower Upper
 112 100
 64 64.7 49.2 73.8
 63 36.6 27.5 41.3

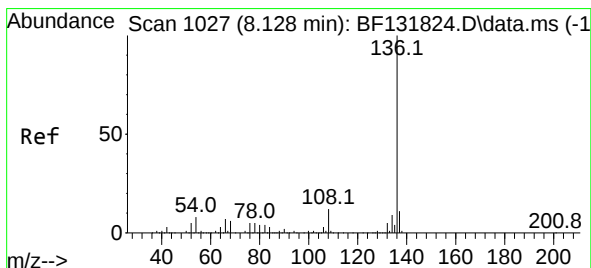
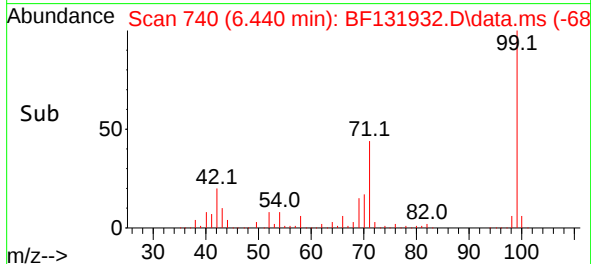
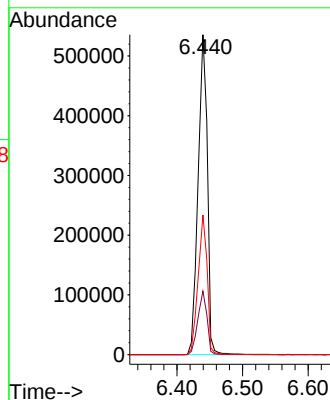
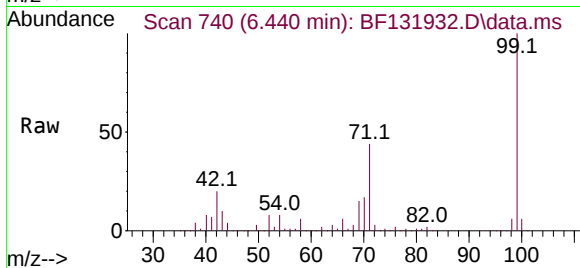




#7
Phenol-d6
Concen: 103.917 ng
RT: 6.440 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

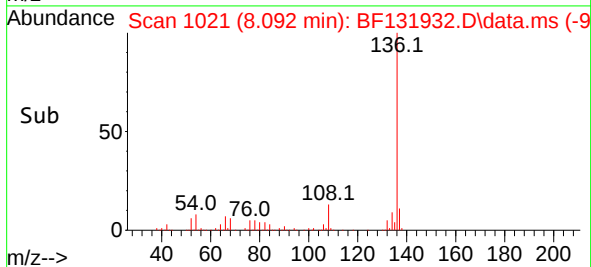
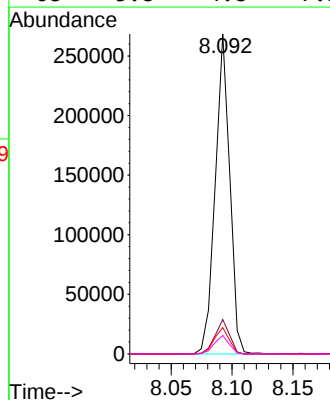
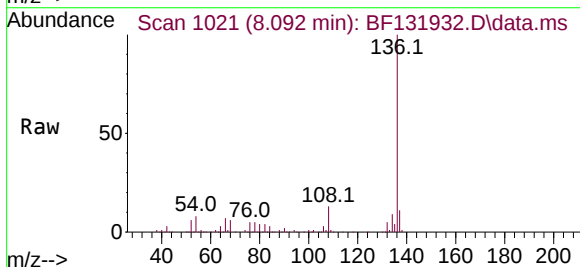
Instrument :
BNA_F
ClientSampleId :
PE-4

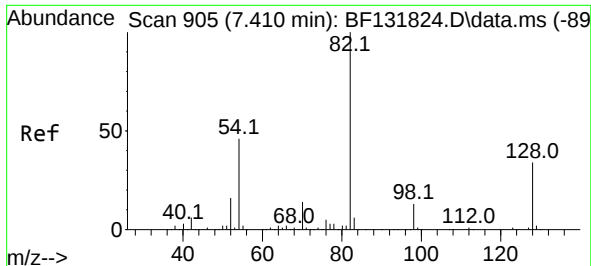
Tgt Ion: 99 Resp: 524001
Ion Ratio Lower Upper
99 100
42 19.8 15.3 22.9
71 43.6 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

Tgt Ion: 136 Resp: 222392
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.2 6.7 10.1
68 5.8 4.8 7.2

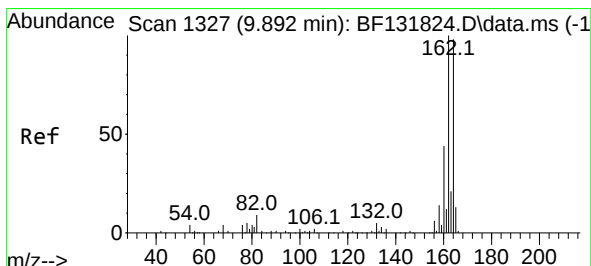
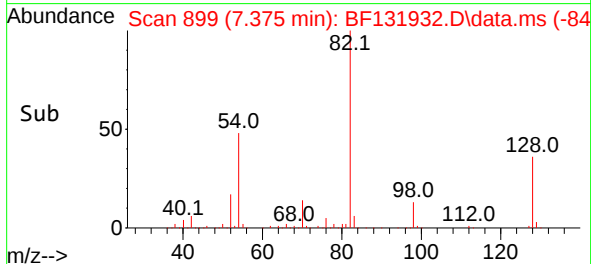
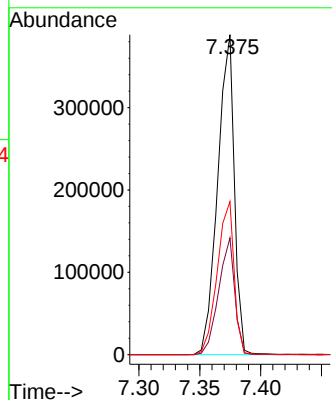
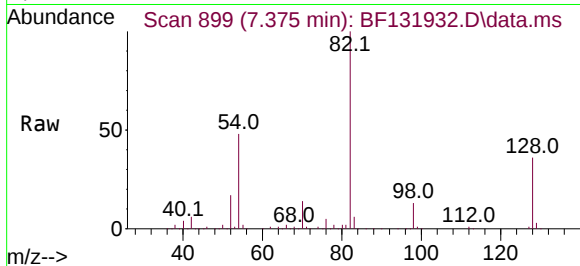




#23
 Nitrobenzene-d5
 Concen: 66.454 ng
 RT: 7.375 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF131932.D
 Acq: 06 Jan 2023 00:18

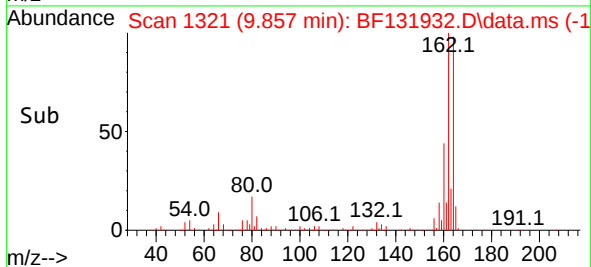
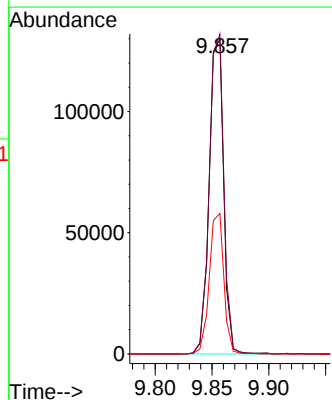
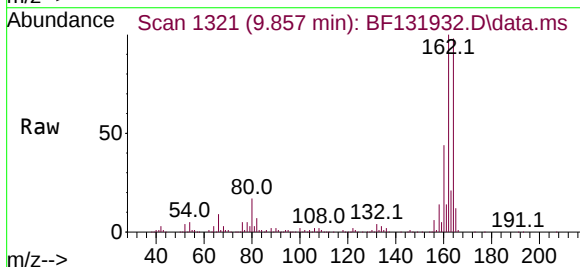
Instrument :
 BNA_F
 ClientSampleId :
 PE-4

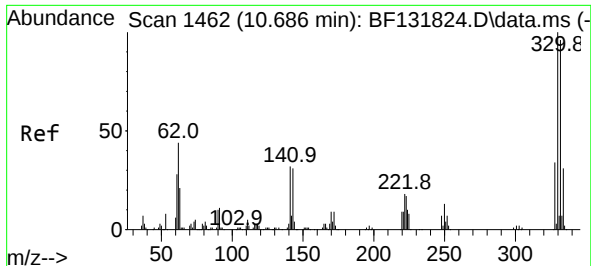
Tgt Ion: 82 Resp: 370159
 Ion Ratio Lower Upper
 82 100
 128 36.5 27.1 40.7
 54 47.8 37.0 55.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.857 min Scan# 1321
 Delta R.T. 0.000 min
 Lab File: BF131932.D
 Acq: 06 Jan 2023 00:18

Tgt Ion:164 Resp: 115498
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.8 122.6
 160 44.6 35.7 53.5

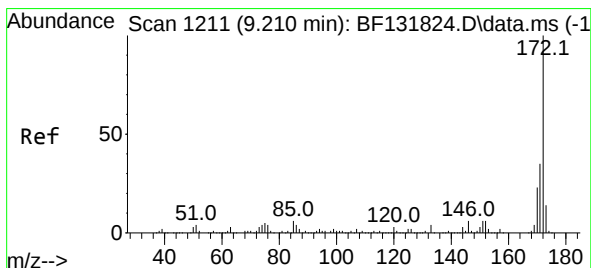
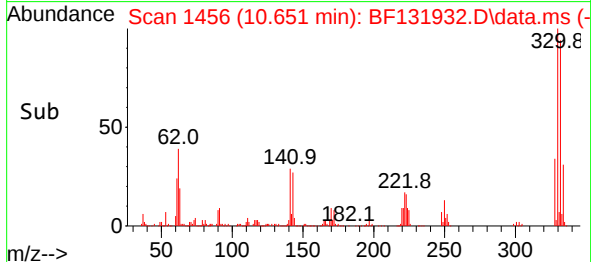
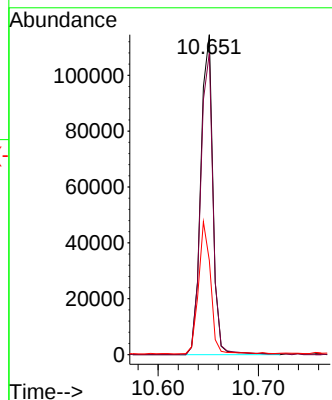
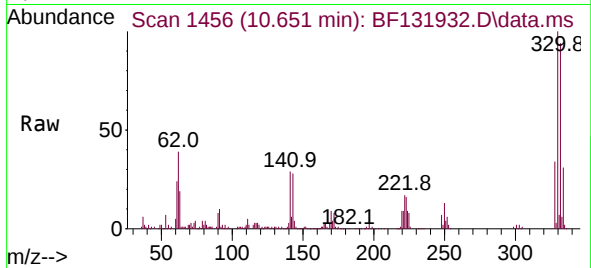




#42
2,4,6-Tribromophenol
Concen: 76.755 ng
RT: 10.651 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

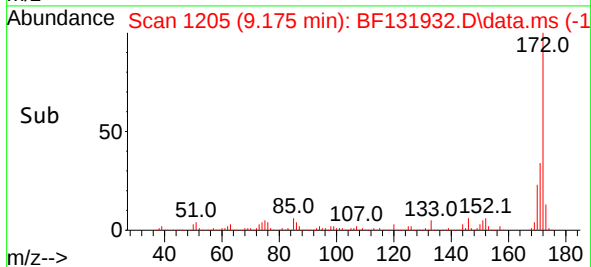
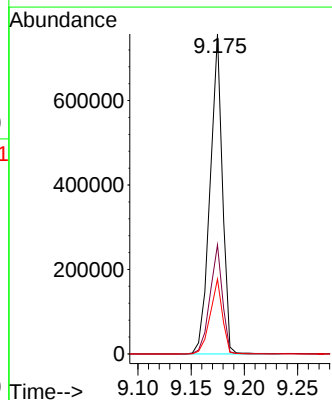
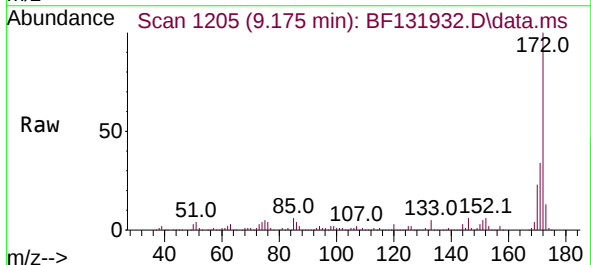
Instrument :
BNA_F
ClientSampleId :
PE-4

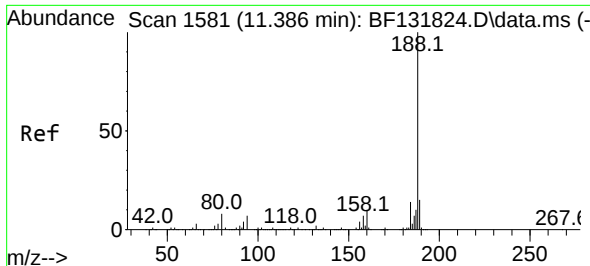
Tgt Ion:330 Resp: 96319
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 40.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 72.382 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

Tgt Ion:172 Resp: 610337
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 23.4 18.7 28.1

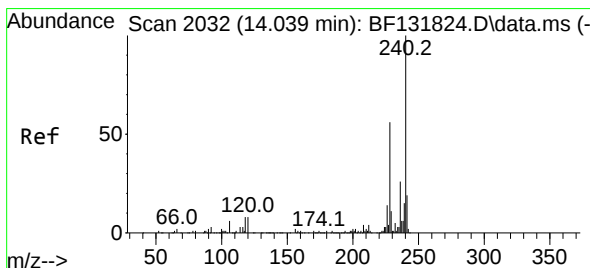
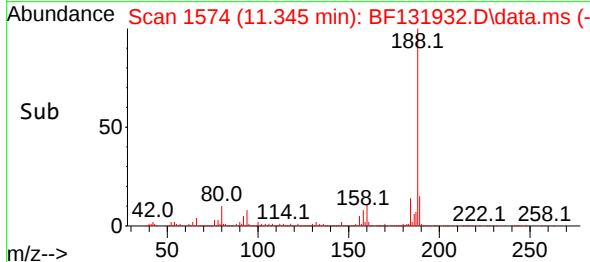
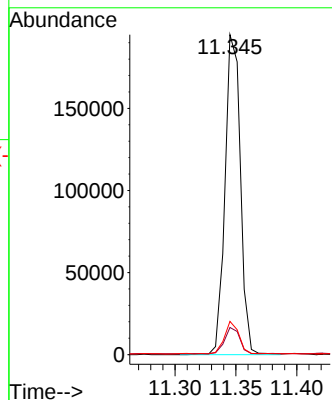
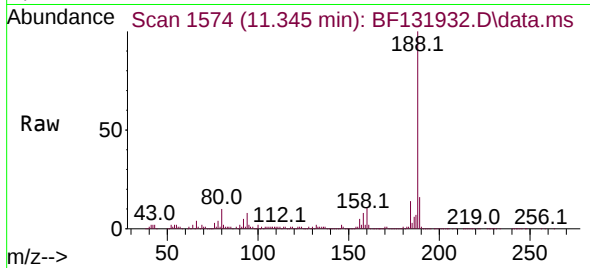




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

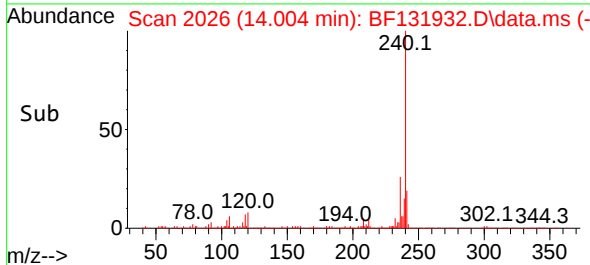
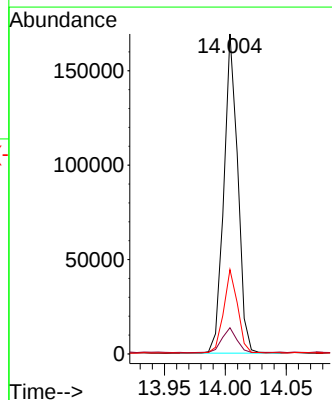
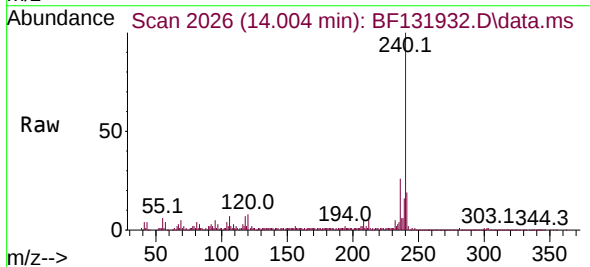
Instrument :
BNA_F
ClientSampleId :
PE-4

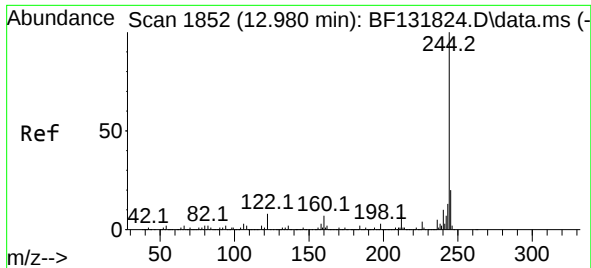
Tgt Ion:188 Resp: 171389
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 10.4 6.7 10.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF131932.D
Acq: 06 Jan 2023 00:18

Tgt Ion:240 Resp: 134309
Ion Ratio Lower Upper
240 100
120 8.2 6.7 10.1
236 26.3 20.6 31.0

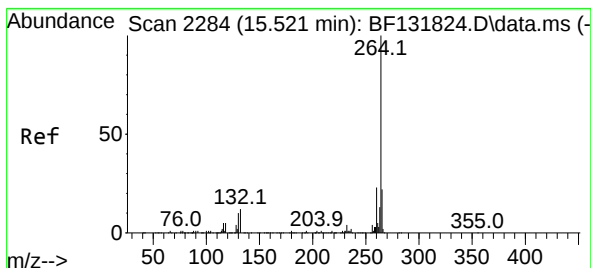
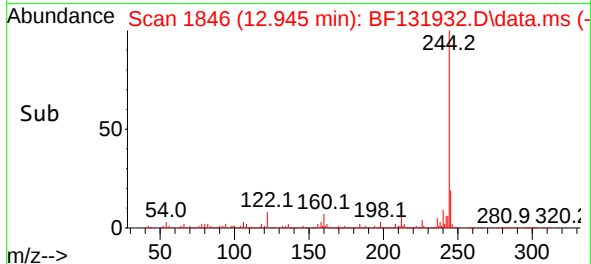
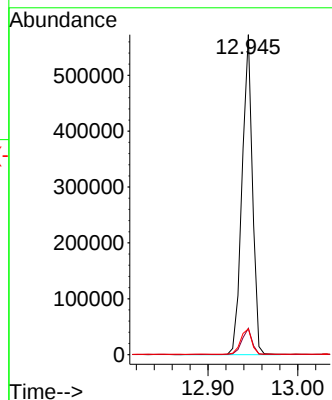
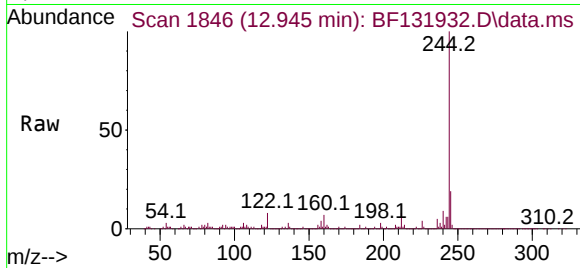




#79
 Terphenyl-d14
 Concen: 58.286 ng
 RT: 12.945 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF131932.D
 Acq: 06 Jan 2023 00:18

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Tgt Ion:244 Resp: 462798
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 8.0 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. 0.006 min
 Lab File: BF131932.D
 Acq: 06 Jan 2023 00:18

Tgt Ion:264 Resp: 122279
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 28.0
 265 20.9 17.4 26.0

