

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
 Data File : BF134417.D
 Acq On : 22 Jul 2023 12:19
 Operator : CG\JU
 Sample : 03680-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jul 22 13:54:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	76964	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	298059	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	128892	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	264330	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	195502	20.000	ng	0.00
86) Perylene-d12	15.545	264	173098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	484658	105.338	ng	0.02
7) Phenol-d6	6.487	99	547520	96.764	ng	0.00
23) Nitrobenzene-d5	7.404	82	416336	75.296	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	233325	144.380	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	757003	85.389	ng	0.00
79) Terphenyl-d14	12.974	244	1006527	82.860	ng	0.00

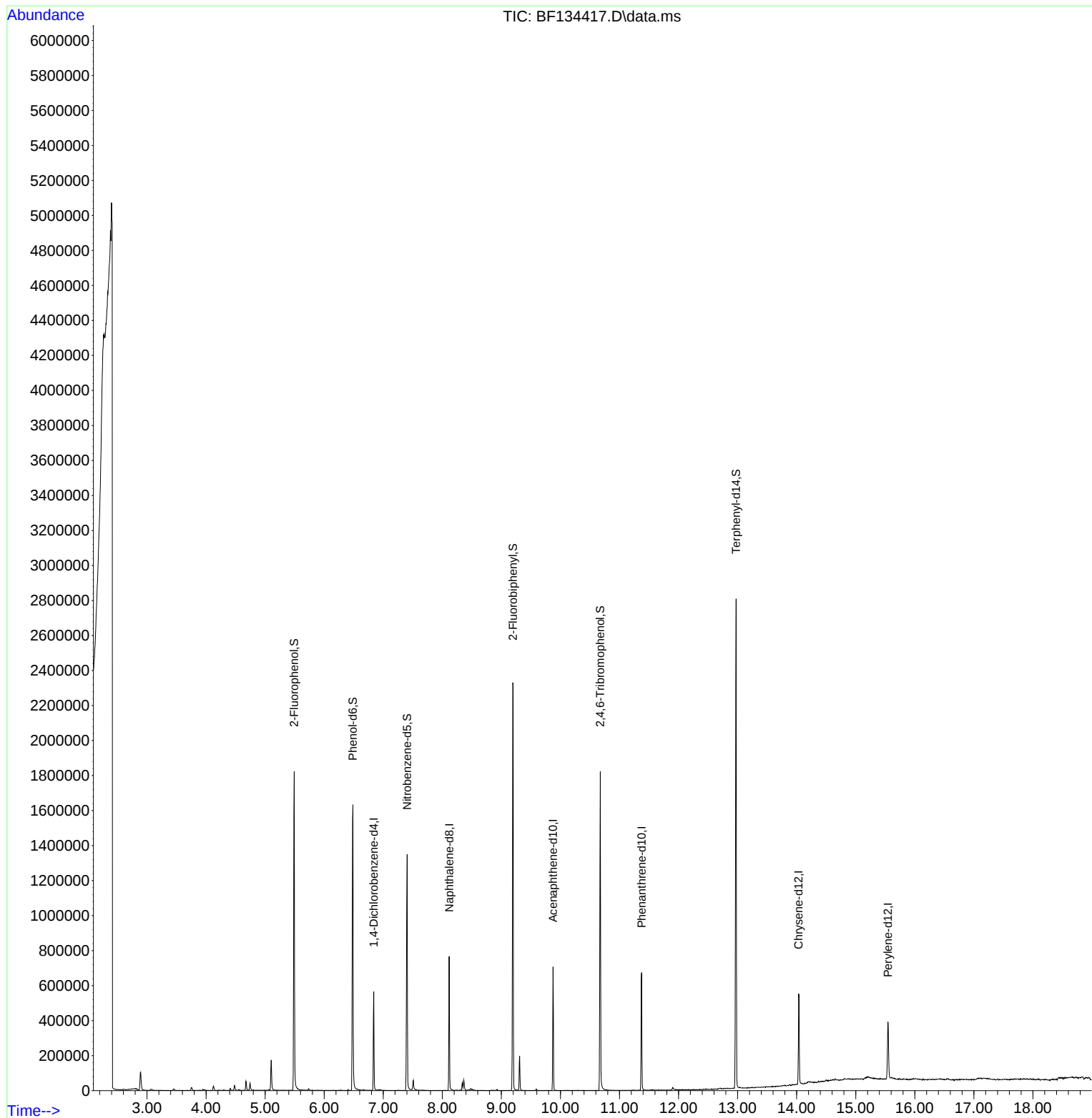
Target Compounds	Qvalue

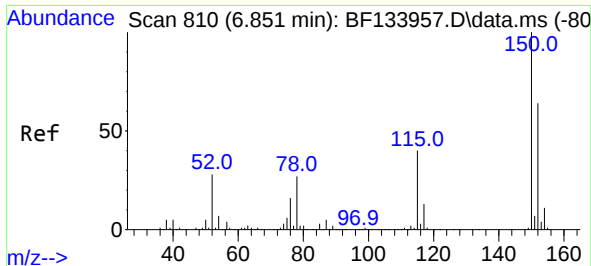
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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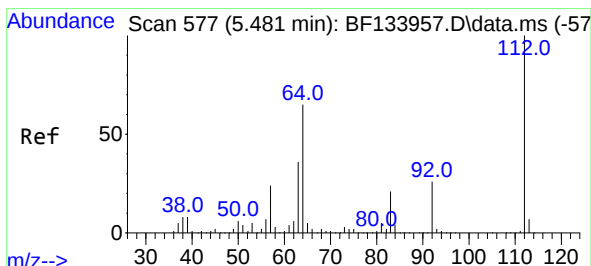
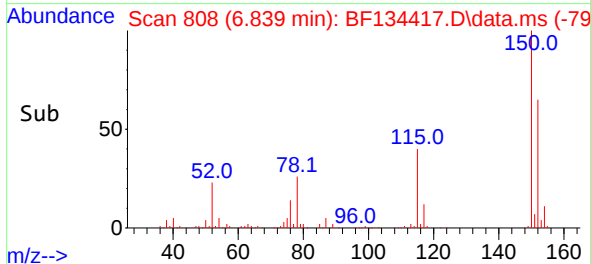
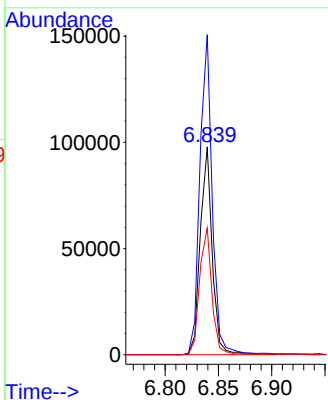
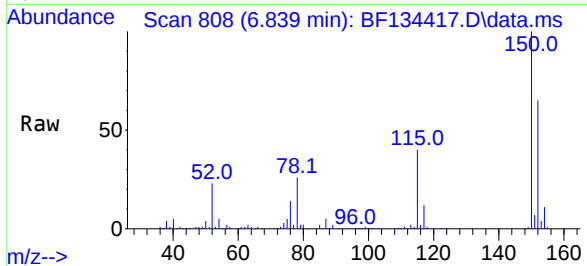




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

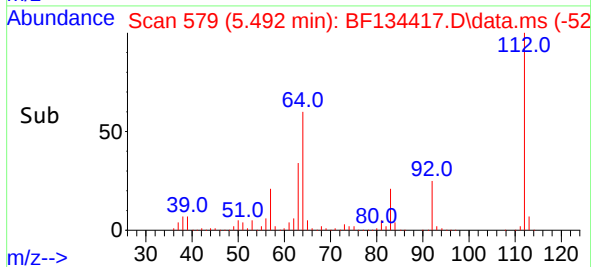
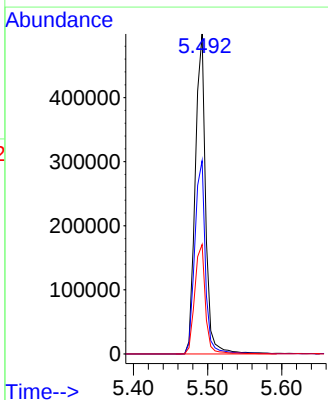
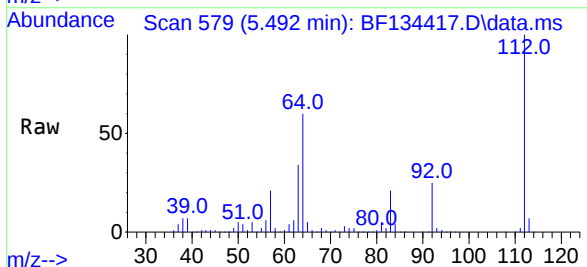
Instrument :
BNA_F
ClientSampleId :
TP-3

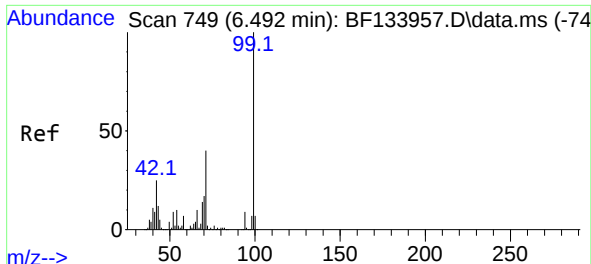
Tgt Ion:152 Resp: 76964
Ion Ratio Lower Upper
152 100
150 154.0 124.5 186.7
115 61.0 50.2 75.2



#5
2-Fluorophenol
Concen: 105.338 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.024 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Tgt Ion:112 Resp: 484658
Ion Ratio Lower Upper
112 100
64 60.4 52.1 78.1
63 34.2 28.6 42.8

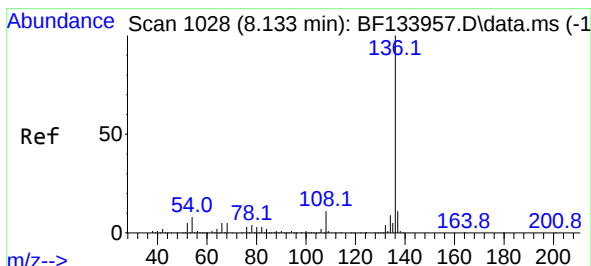
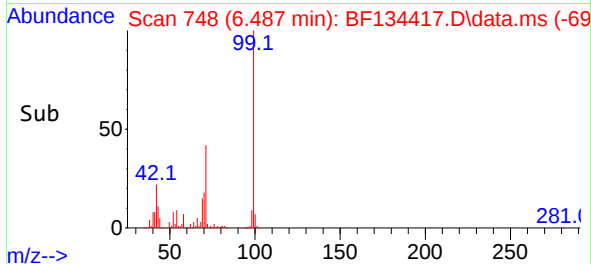
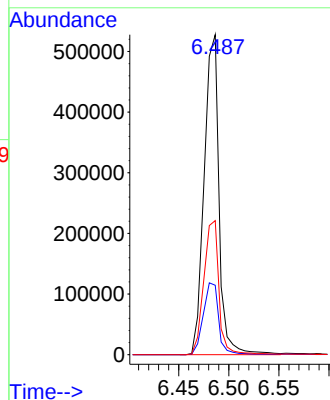
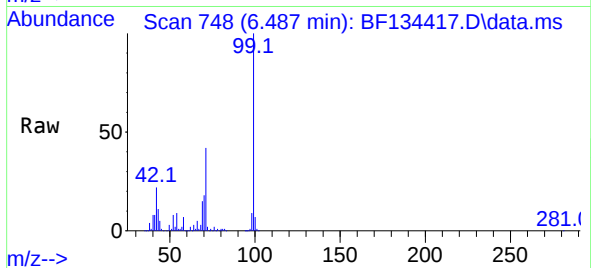




#7
Phenol-d6
Concen: 96.764 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

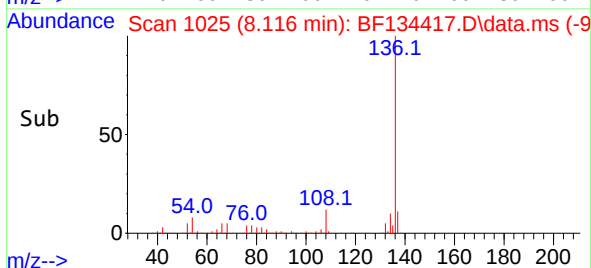
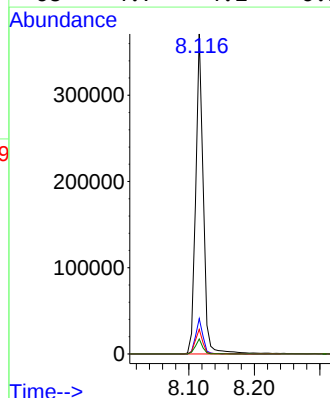
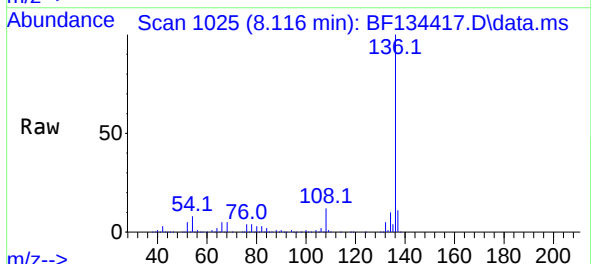
Instrument :
BNA_F
ClientSampleId :
TP-3

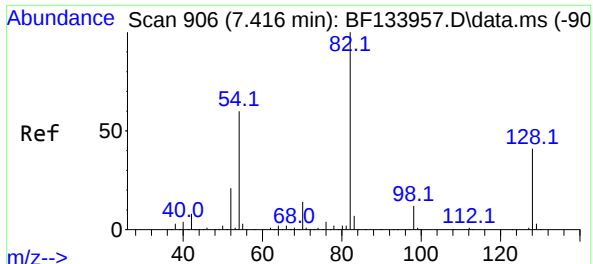
Tgt Ion: 99 Resp: 547520
Ion Ratio Lower Upper
99 100
42 21.7 19.8 29.6
71 41.9 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Tgt Ion: 136 Resp: 298059
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.7 6.5 9.7
68 4.7 4.2 6.2

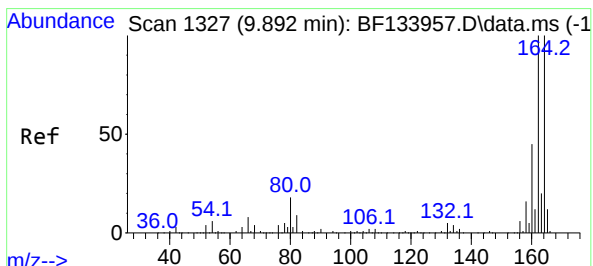
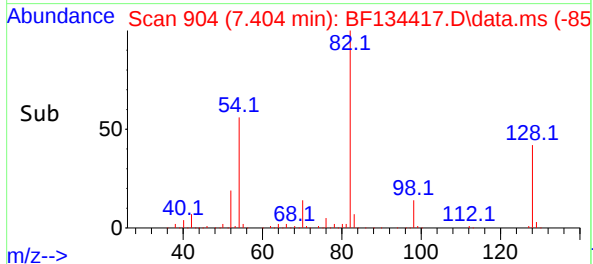
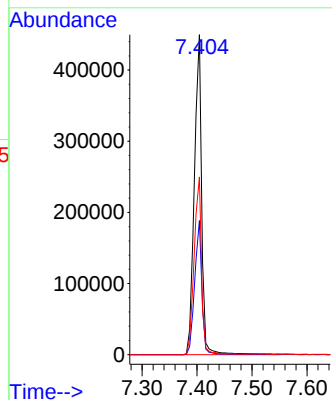
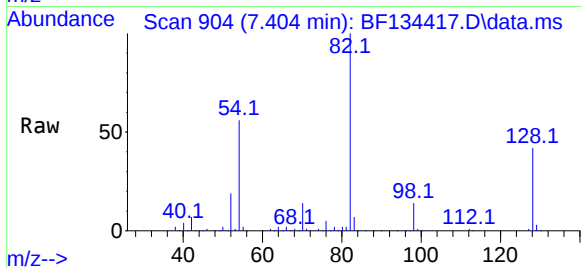




#23
Nitrobenzene-d5
Concen: 75.296 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

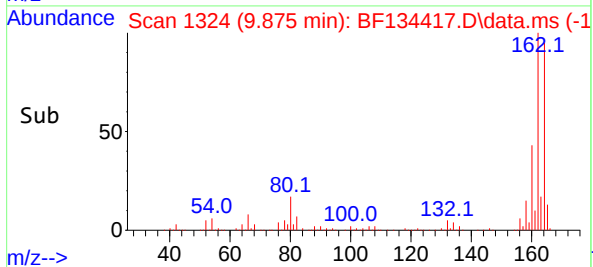
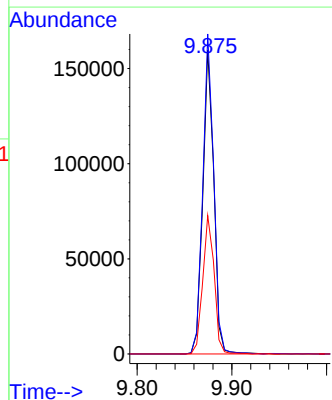
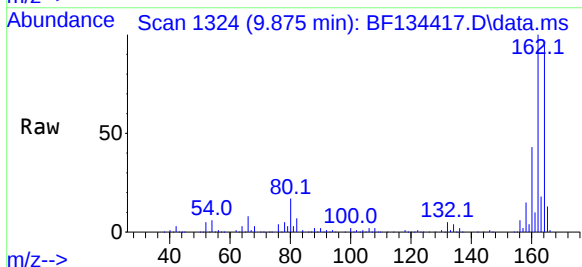
Instrument :
BNA_F
ClientSampleId :
TP-3

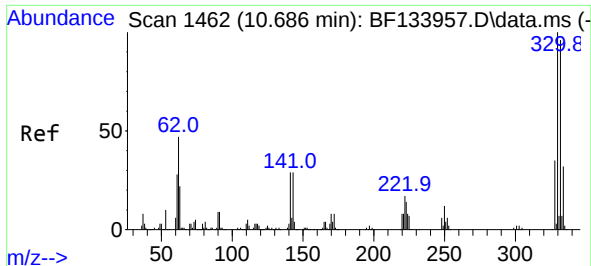
Tgt Ion: 82 Resp: 416336
Ion Ratio Lower Upper
82 100
128 41.9 32.5 48.7
54 55.5 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

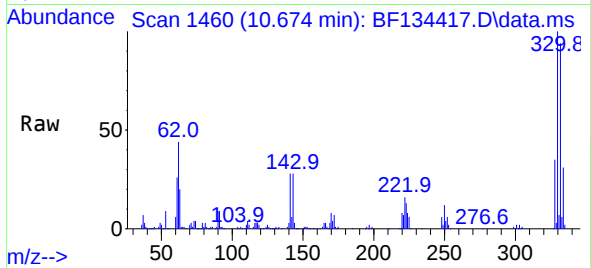
Tgt Ion:164 Resp: 128892
Ion Ratio Lower Upper
164 100
162 105.2 80.0 120.0
160 45.5 35.9 53.9



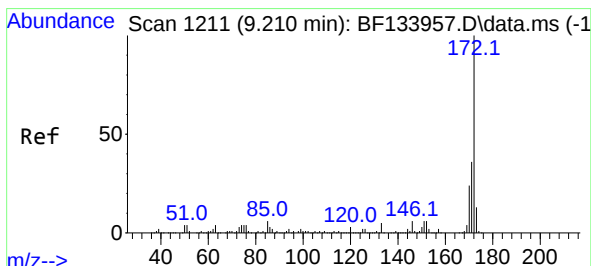
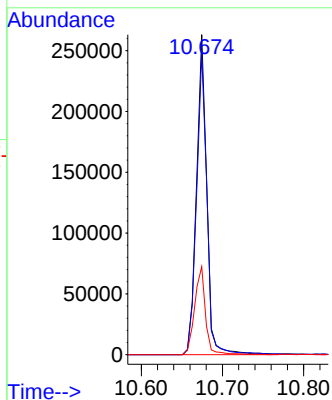
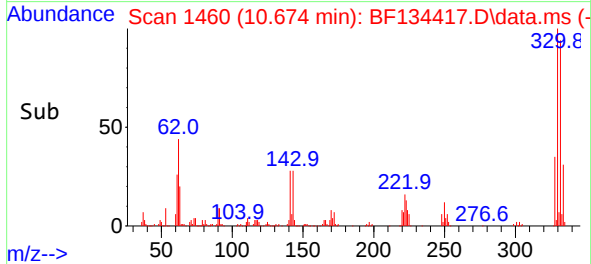


#42
2,4,6-Tribromophenol
Concen: 144.380 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Instrument :
BNA_F
ClientSampleId :
TP-3

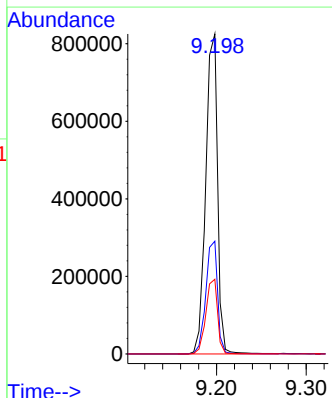
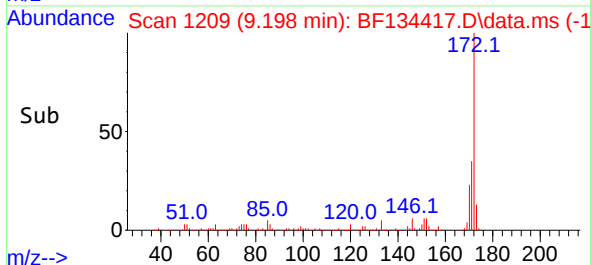
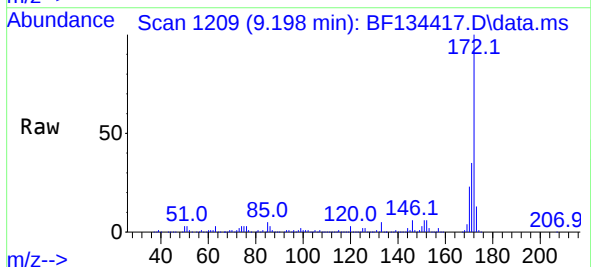


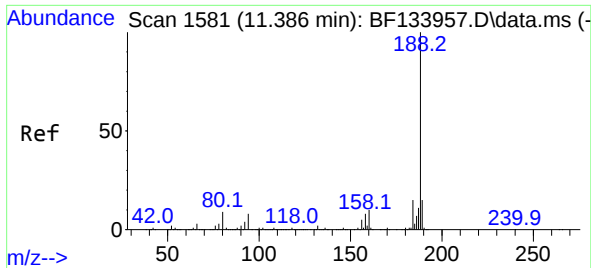
Tgt Ion:330 Resp: 233325
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 29.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 85.389 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Tgt Ion:172 Resp: 757003
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.4 19.4 29.0

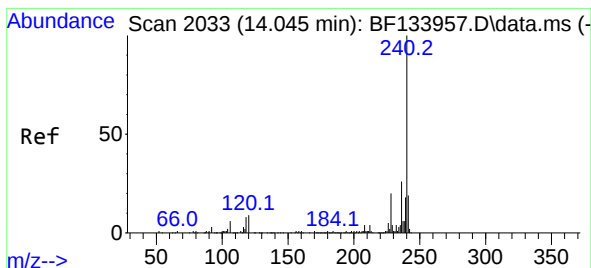
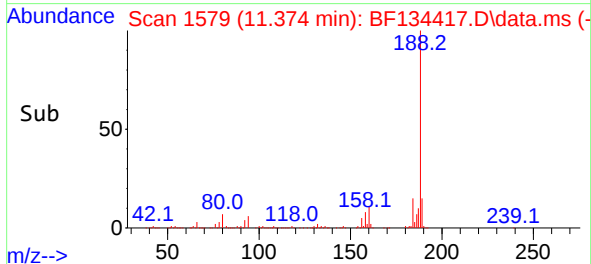
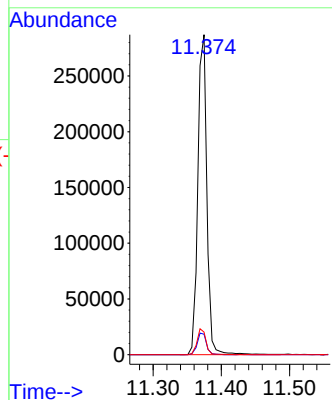
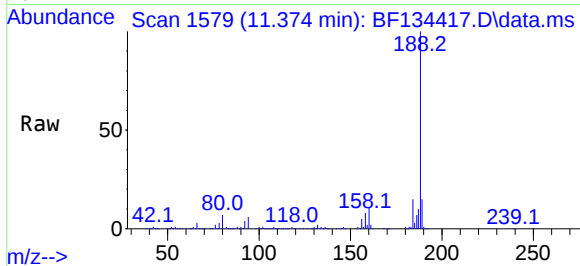




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

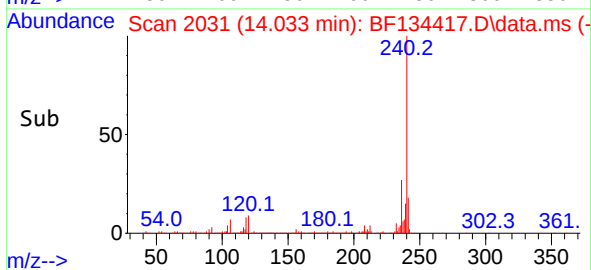
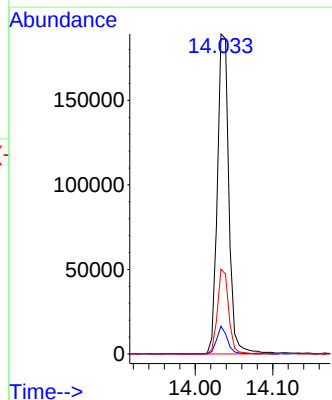
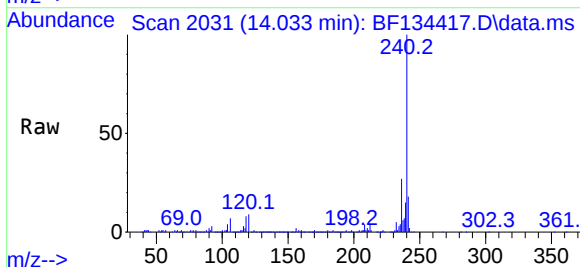
Instrument :
BNA_F
ClientSampleId :
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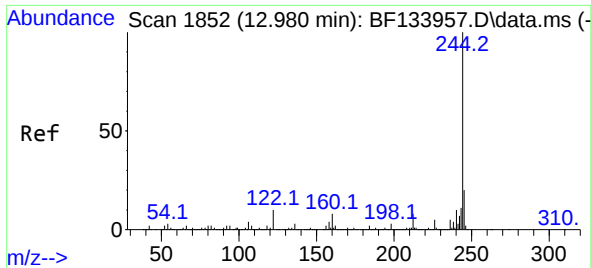
Tgt Ion:188 Resp: 264330
Ion Ratio Lower Upper
188 100
94 6.4 6.4 9.6#
80 7.1 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Tgt Ion:240 Resp: 195502
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.5 21.0 31.6

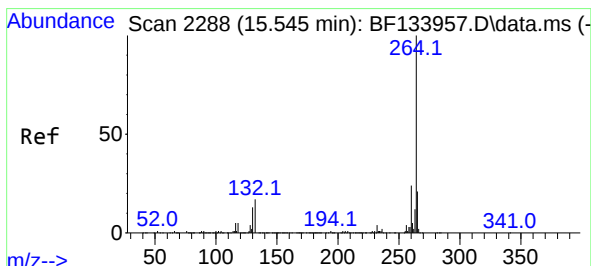
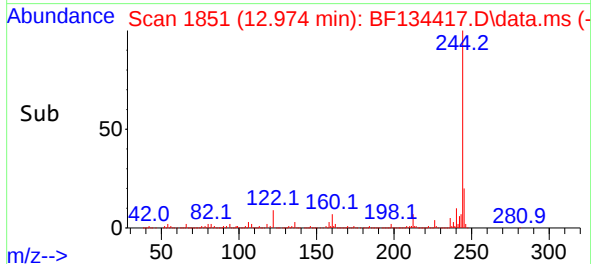
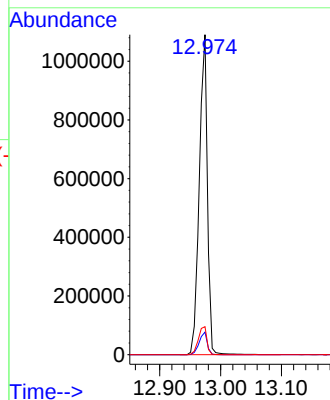
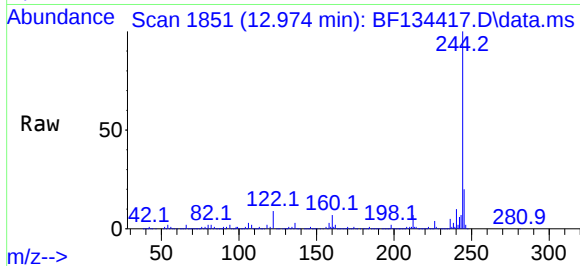




#79
 Terphenyl-d14
 Concen: 82.860 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134417.D
 Acq: 22 Jul 2023 12:19

Instrument :
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Tgt Ion:244 Resp: 1006527
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF134417.D
 Acq: 22 Jul 2023 12:19

Tgt Ion:264 Resp: 173098
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.8 16.6 25.0

