

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
 Data File : BF134378.D
 Acq On : 20 Jul 2023 13:13
 Operator : CG\JU
 Sample : 03654-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Quant Time: Jul 20 14:42:56 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	84102	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	266666	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	161835	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	289707	20.000	ng	0.00
76) Chrysene-d12	14.027	240	169586	20.000	ng	-0.01
86) Perylene-d12	15.533	264	167170	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	569744	113.321	ng	0.02
7) Phenol-d6	6.481	99	621930	100.586	ng	0.00
23) Nitrobenzene-d5	7.404	82	419450	84.790	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	255396	125.867	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1001731	89.993	ng	-0.01
79) Terphenyl-d14	12.968	244	1079426	102.441	ng	0.00

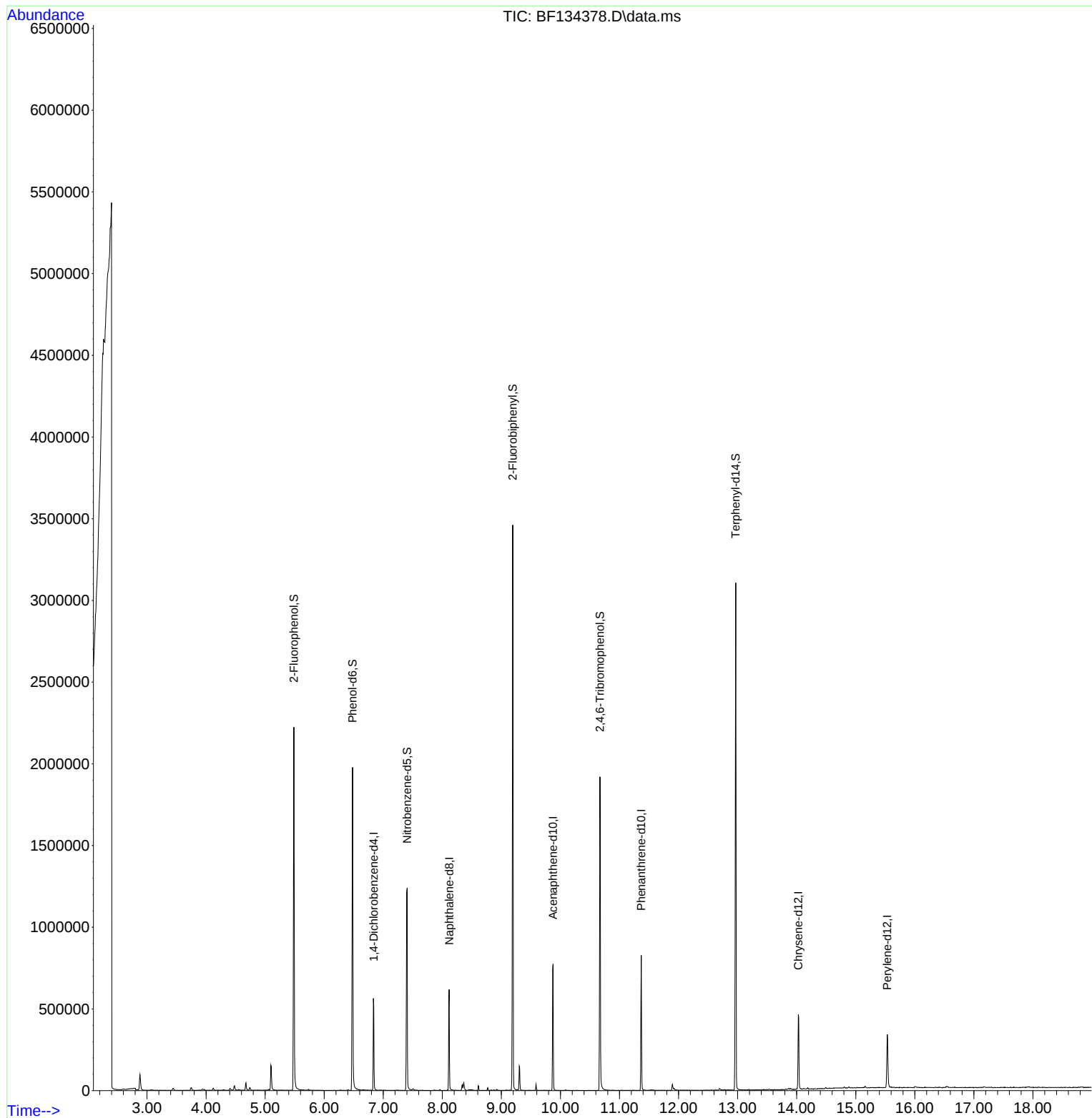
Target Compounds	Qvalue

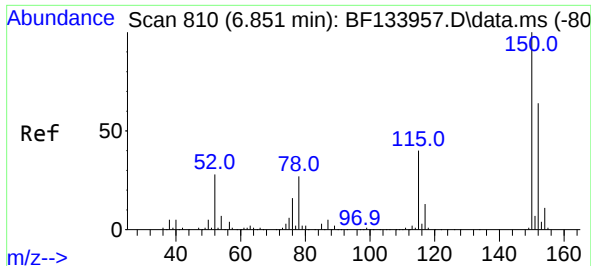
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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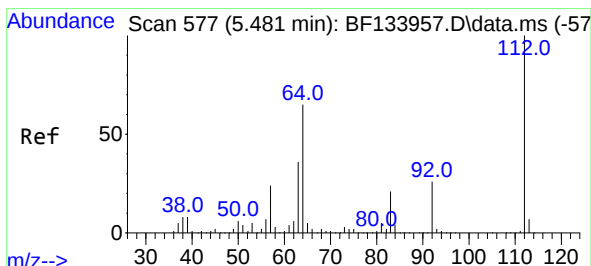
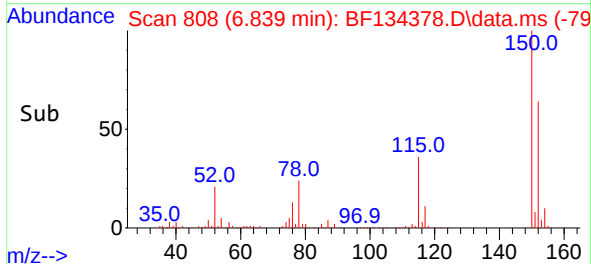
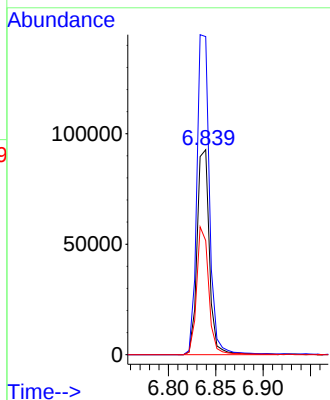
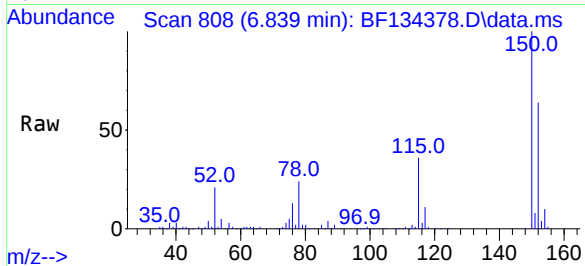




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134378.D
Acq: 20 Jul 2023 13:13

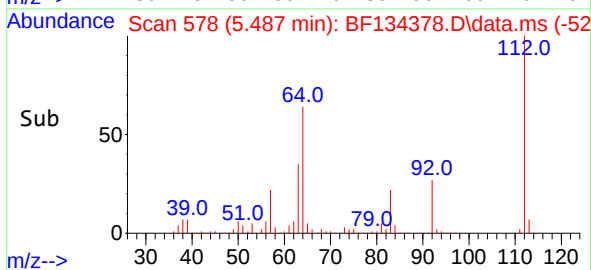
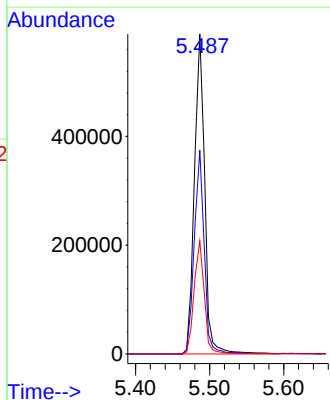
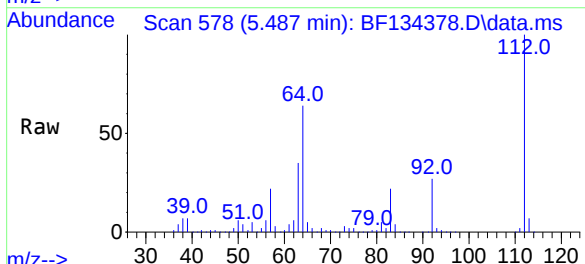
Instrument :
BNA_F
ClientSampleId :
72-12016

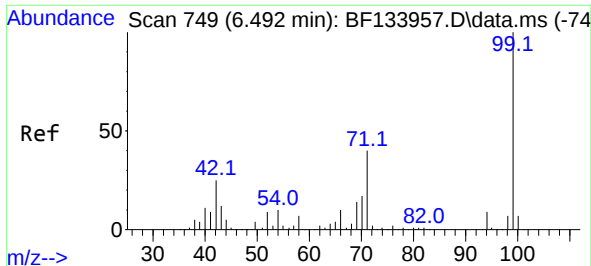
Tgt Ion:152 Resp: 84102
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 55.7 50.2 75.2



#5
2-Fluorophenol
Concen: 113.321 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.018 min
Lab File: BF134378.D
Acq: 20 Jul 2023 13:13

Tgt Ion:112 Resp: 569744
Ion Ratio Lower Upper
112 100
64 63.7 52.1 78.1
63 35.4 28.6 42.8

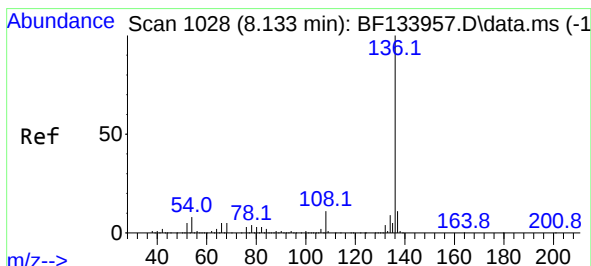
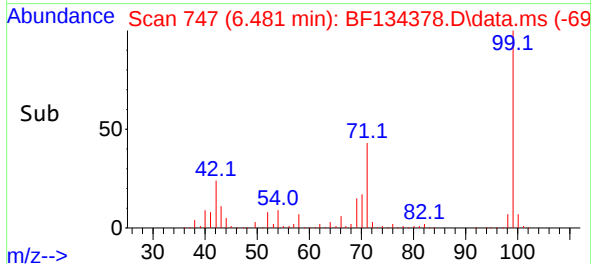
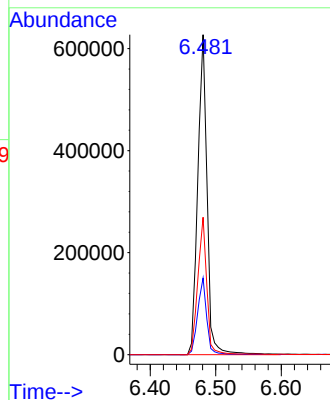
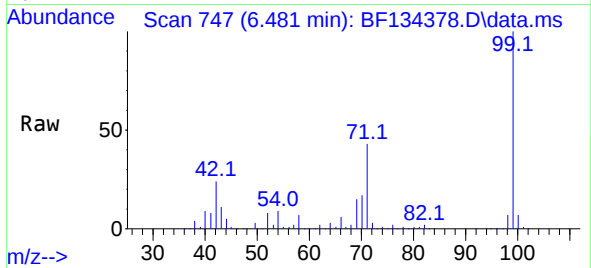




#7
Phenol-d6
Concen: 100.586 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134378.D
Acq: 20 Jul 2023 13:13

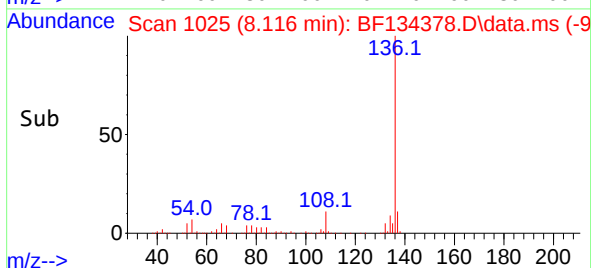
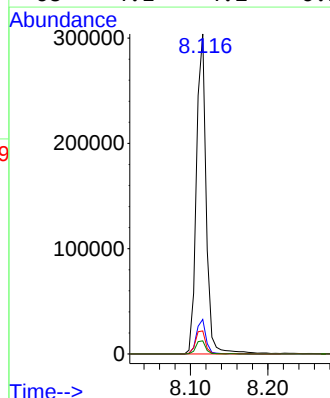
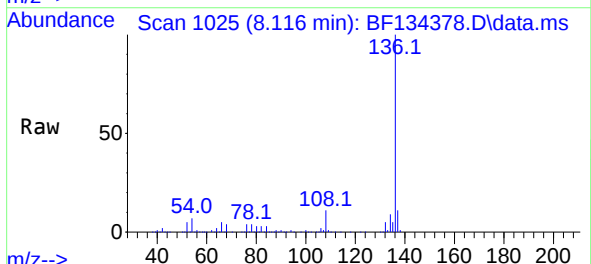
Instrument :
BNA_F
ClientSampleId :
72-12016

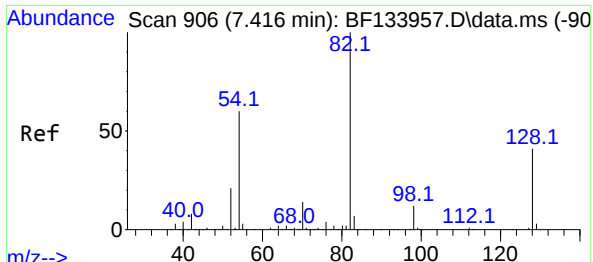
Tgt Ion: 99 Resp: 621930
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 42.9 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134378.D
Acq: 20 Jul 2023 13:13

Tgt Ion: 136 Resp: 266666
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.2 6.5 9.7
68 4.1 4.2 6.2

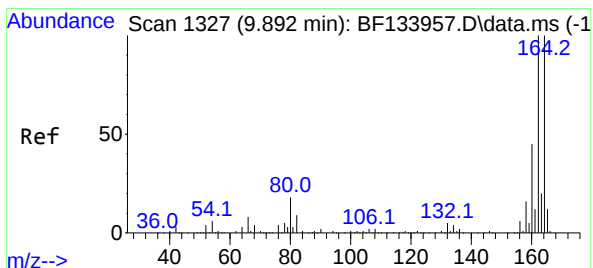
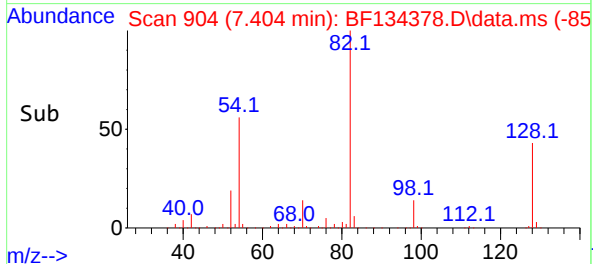
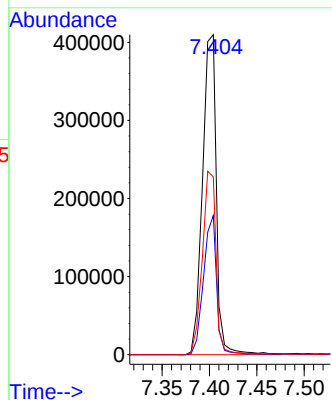
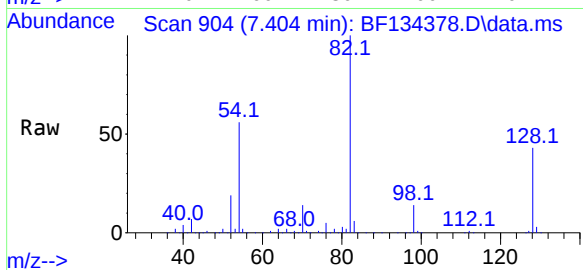




#23
 Nitrobenzene-d5
 Concen: 84.790 ng
 RT: 7.404 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BF134378.D
 Acq: 20 Jul 2023 13:13

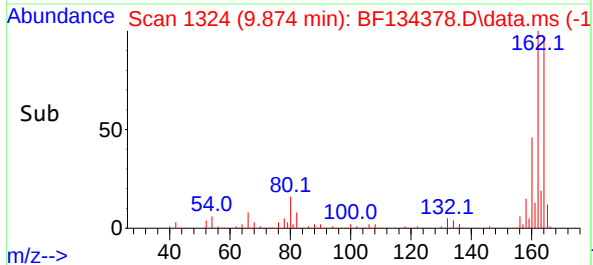
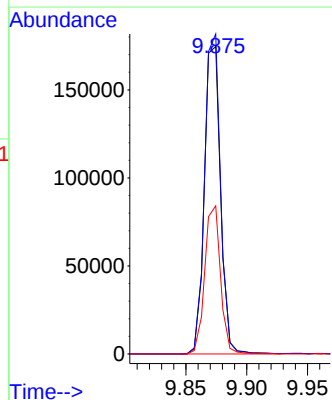
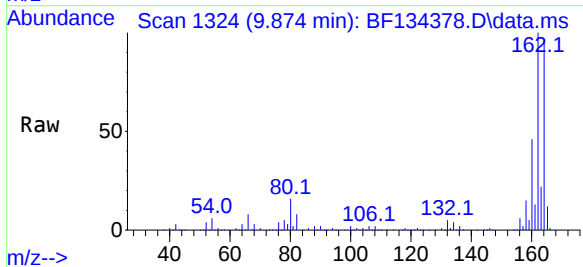
Instrument :
 BNA_F
 ClientSampleId :
 72-12016

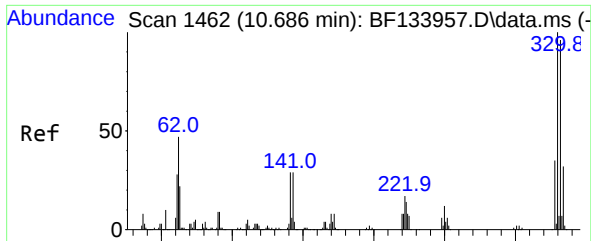
Tgt Ion: 82 Resp: 419450
 Ion Ratio Lower Upper
 82 100
 128 43.5 32.5 48.7
 54 55.6 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.874 min Scan# 1324
 Delta R.T. -0.006 min
 Lab File: BF134378.D
 Acq: 20 Jul 2023 13:13

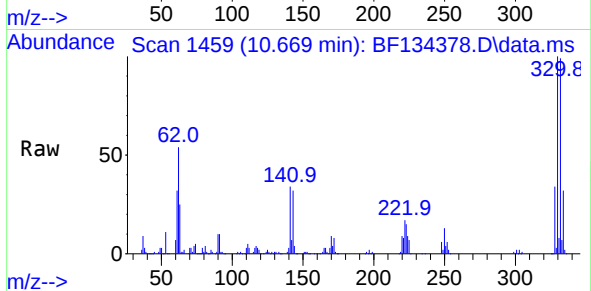
Tgt Ion:164 Resp: 161835
 Ion Ratio Lower Upper
 164 100
 162 104.1 80.0 120.0
 160 48.2 35.9 53.9



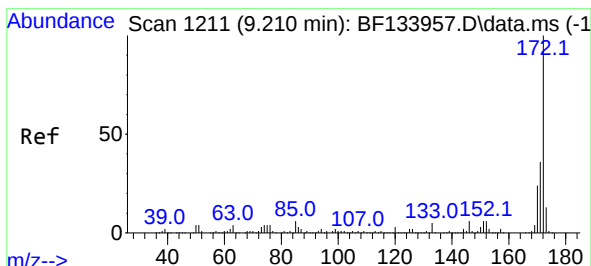
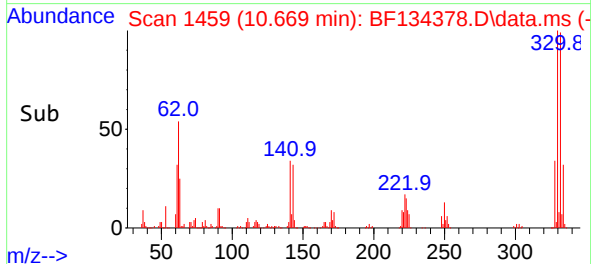
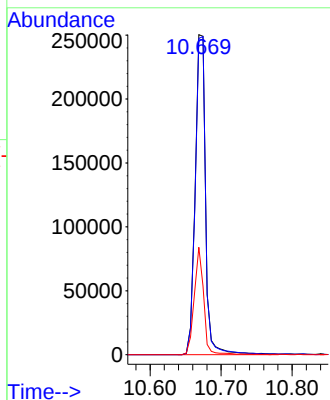


#42
2,4,6-Tribromophenol
Concen: 125.867 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134378.D
Acq: 20 Jul 2023 13:13

Instrument :
BNA_F
ClientSampleId :
72-12016

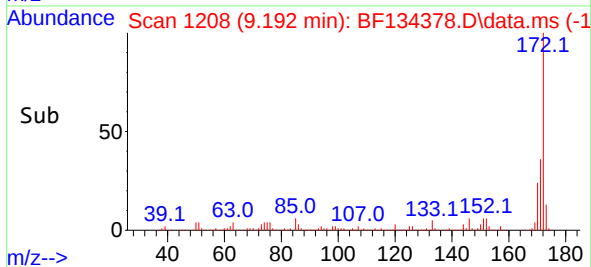
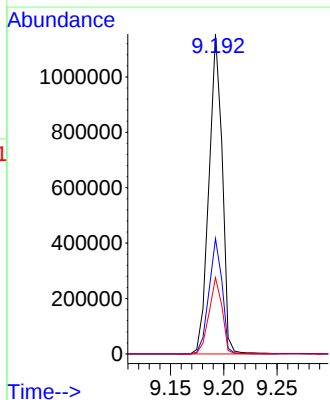
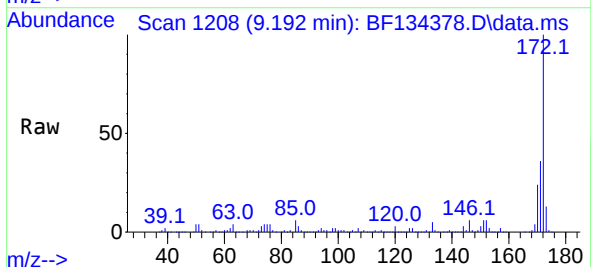


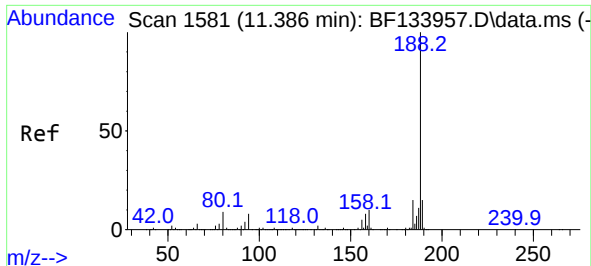
Tgt Ion:330 Resp: 255396
Ion Ratio Lower Upper
330 100
332 99.3 77.0 115.6
141 30.5 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 89.993 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134378.D
Acq: 20 Jul 2023 13:13

Tgt Ion:172 Resp: 1001731
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.9 19.4 29.0

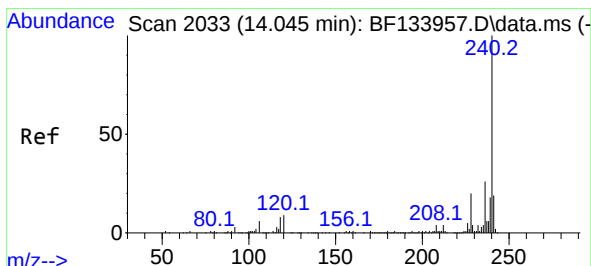
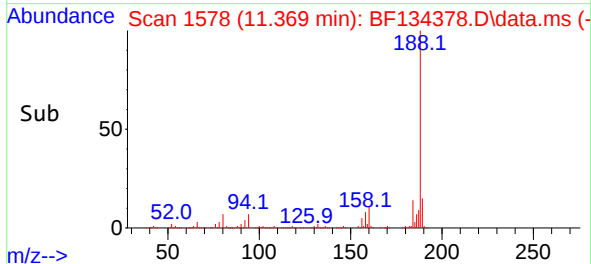
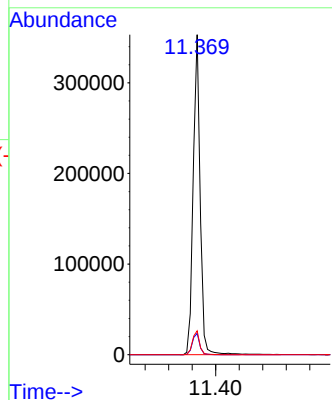
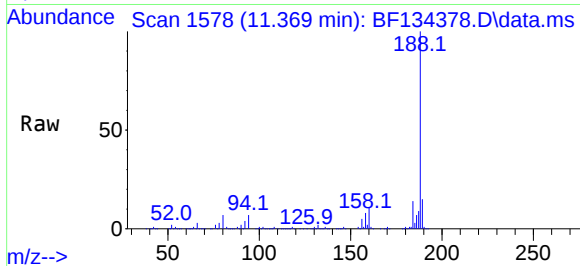




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134378.D
Acq: 20 Jul 2023 13:13

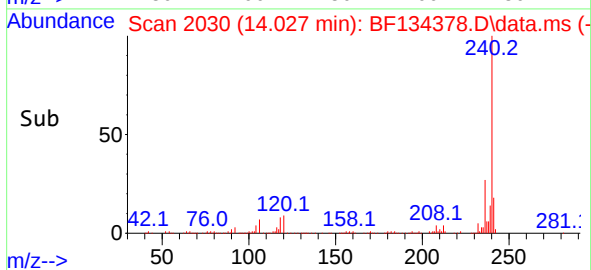
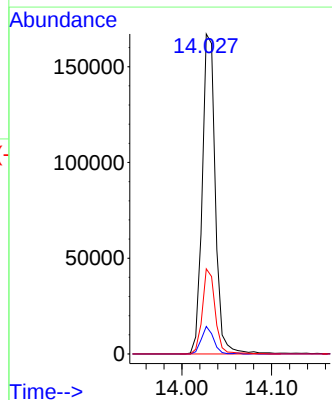
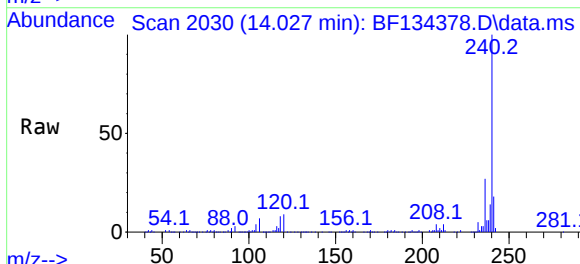
Instrument :
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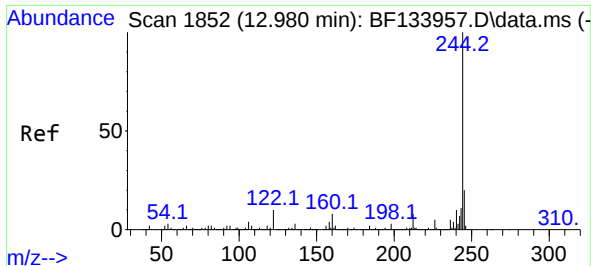
Tgt Ion:188 Resp: 289707
Ion Ratio Lower Upper
188 100
94 6.7 6.4 9.6
80 7.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF134378.D
Acq: 20 Jul 2023 13:13

Tgt Ion:240 Resp: 169586
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.6 21.0 31.6

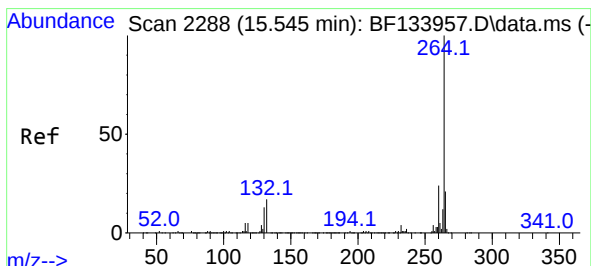
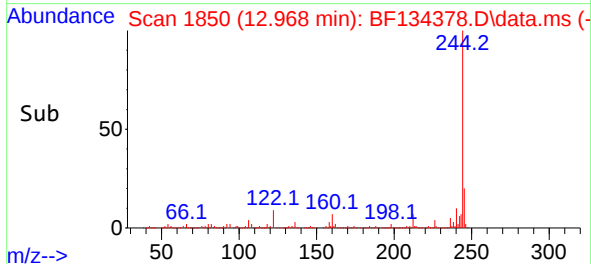
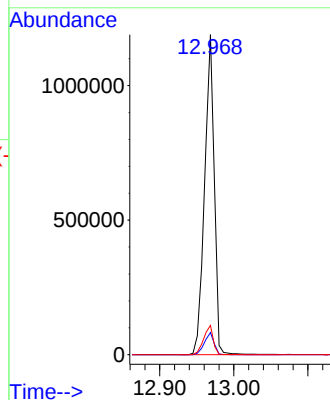
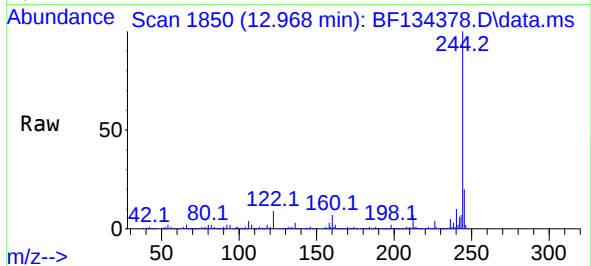




#79
 Terphenyl-d14
 Concen: 102.441 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134378.D
 Acq: 20 Jul 2023 13:13

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Tgt Ion:244 Resp: 1079426
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.012 min
 Lab File: BF134378.D
 Acq: 20 Jul 2023 13:13

Tgt Ion:264 Resp: 167170
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 20.8 16.6 25.0

