

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134369.D
 Acq On : 19 Jul 2023 20:52
 Operator : CG\JU
 Sample : 03641-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP14

Quant Time: Jul 20 00:45:43 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)

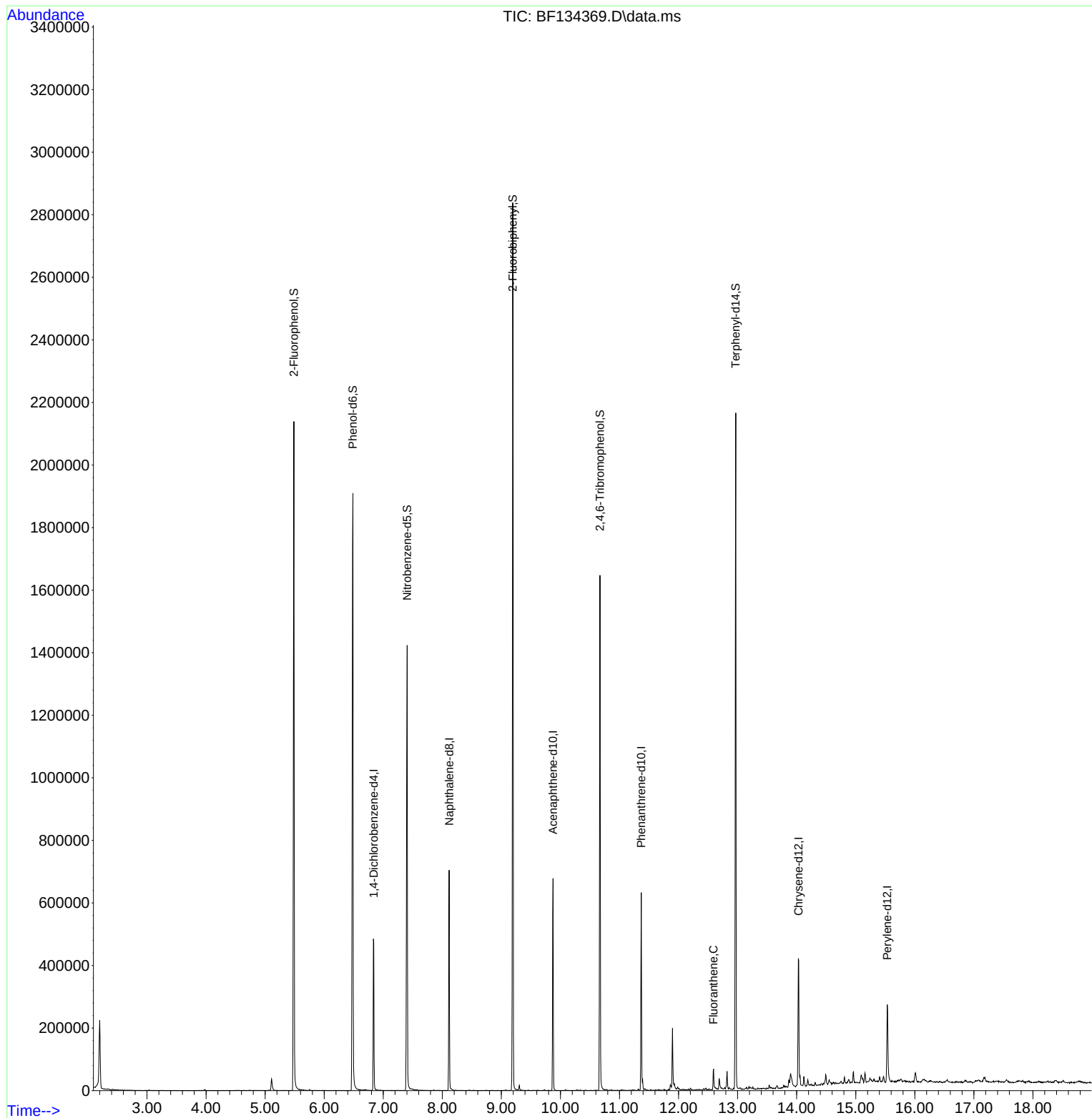
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	73843	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	278548	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	131779	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	211690	20.000	ng	0.00
76) Chrysene-d12	14.033	240	146375	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	119717	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	547490	124.023	ng	0.02
7) Phenol-d6	6.487	99	655331	120.712	ng	0.00
23) Nitrobenzene-d5	7.404	82	439748	85.101	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	195845	118.533	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	825717	91.100	ng	-0.01
79) Terphenyl-d14	12.969	244	736200	80.946	ng	0.00
Target Compounds						
75) Fluoranthene	12.592	202	27448	2.382	ng	Qvalue 94

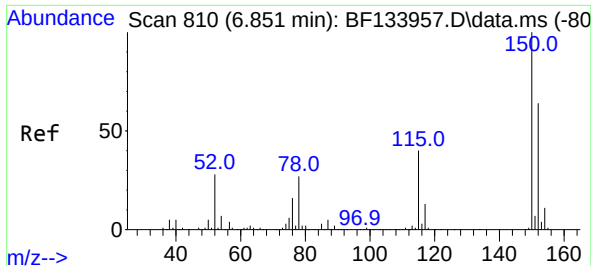
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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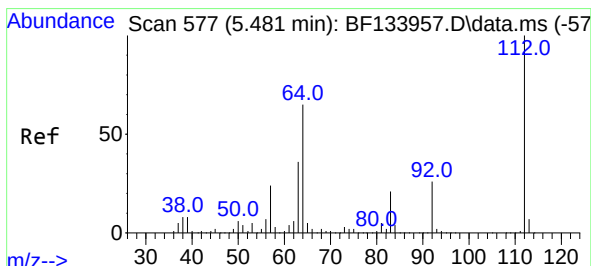
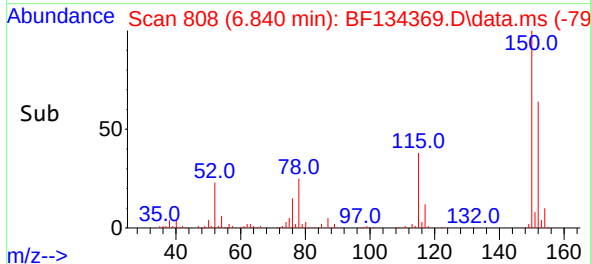
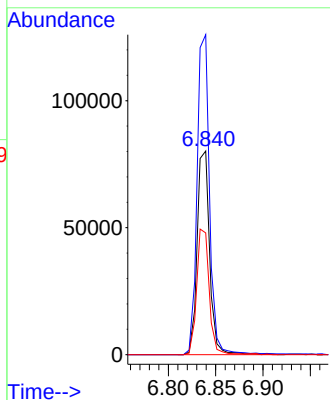
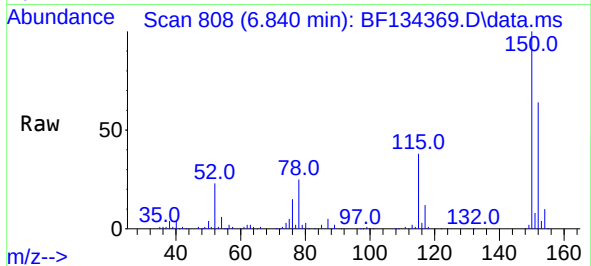




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134369.D
Acq: 19 Jul 2023 20:52

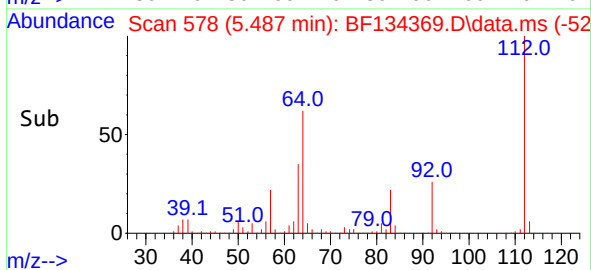
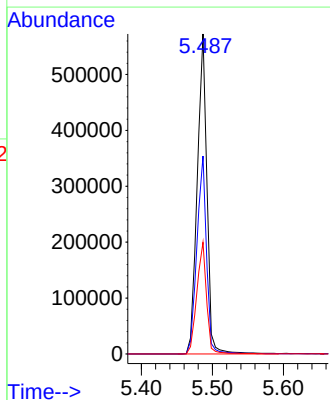
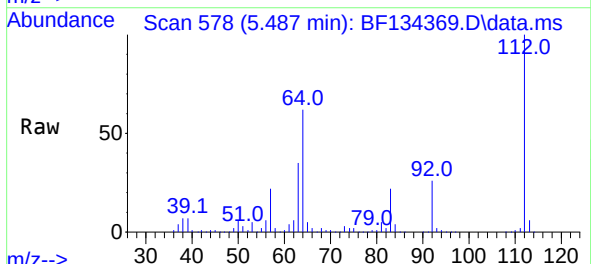
Instrument :
BNA_F
ClientSampleId :
TP14

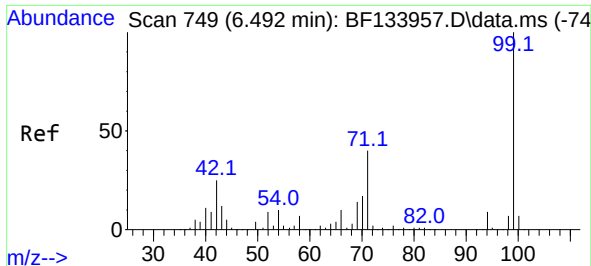
Tgt Ion:152 Resp: 73843
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 59.8 50.2 75.2



#5
2-Fluorophenol
Concen: 124.023 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.018 min
Lab File: BF134369.D
Acq: 19 Jul 2023 20:52

Tgt Ion:112 Resp: 547490
Ion Ratio Lower Upper
112 100
64 61.8 52.1 78.1
63 34.9 28.6 42.8

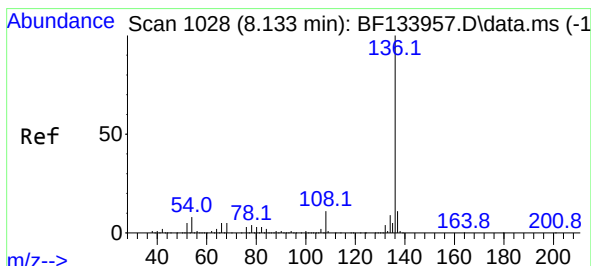
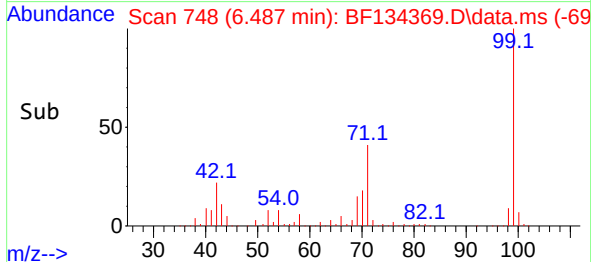
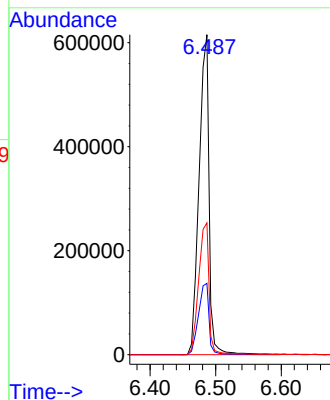
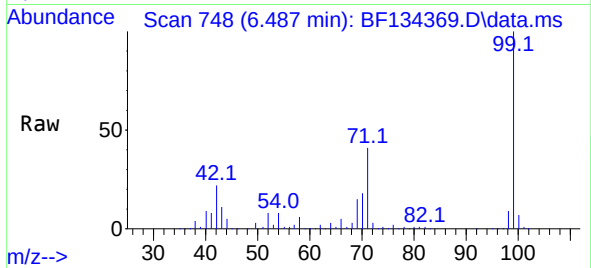




#7
Phenol-d6
Concen: 120.712 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134369.D
Acq: 19 Jul 2023 20:52

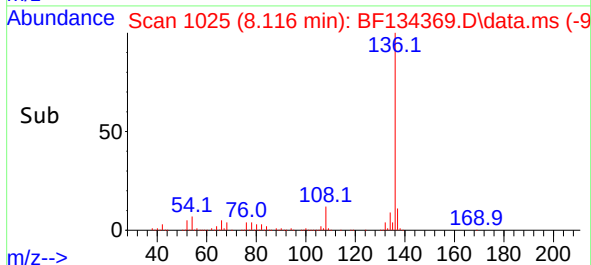
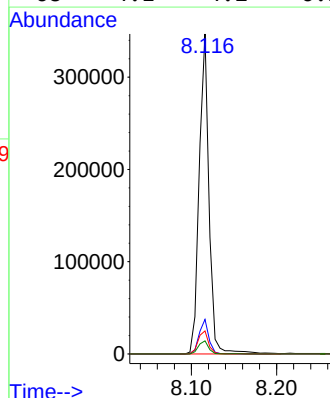
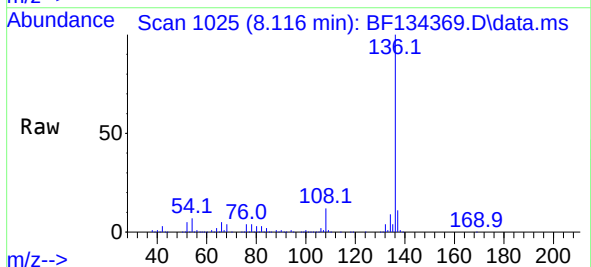
Instrument :
BNA_F
ClientSampleId :
TP14

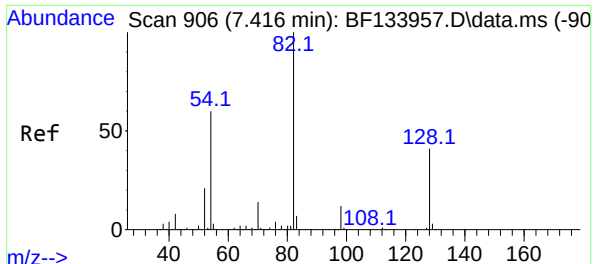
Tgt Ion: 99 Resp: 655331
Ion Ratio Lower Upper
99 100
42 22.3 19.8 29.6
71 41.2 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134369.D
Acq: 19 Jul 2023 20:52

Tgt Ion: 136 Resp: 278548
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

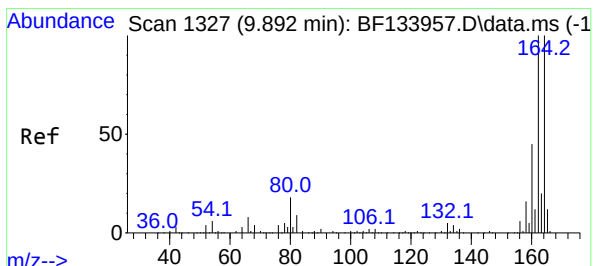
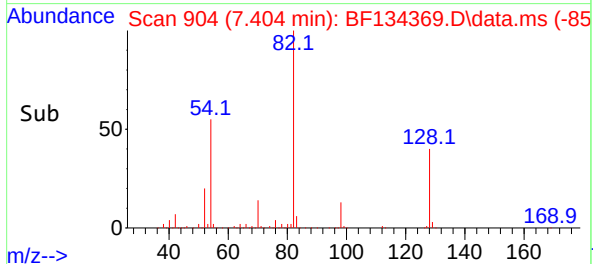
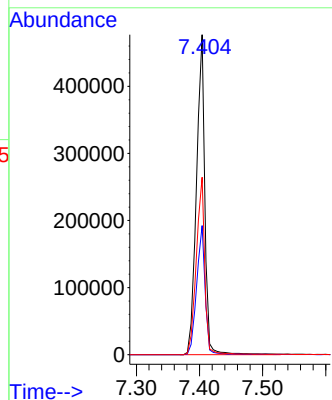
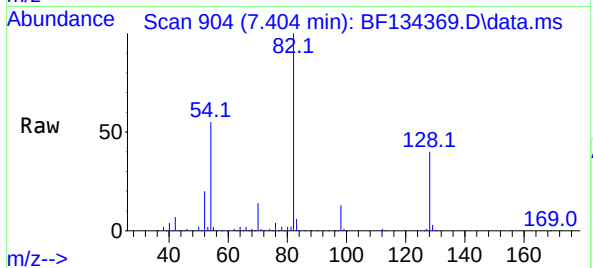




#23
Nitrobenzene-d5
Concen: 85.101 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134369.D
Acq: 19 Jul 2023 20:52

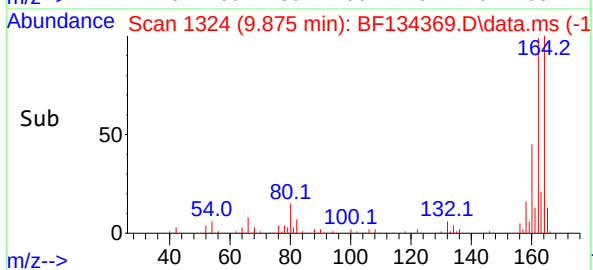
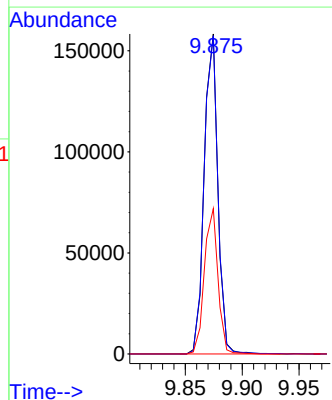
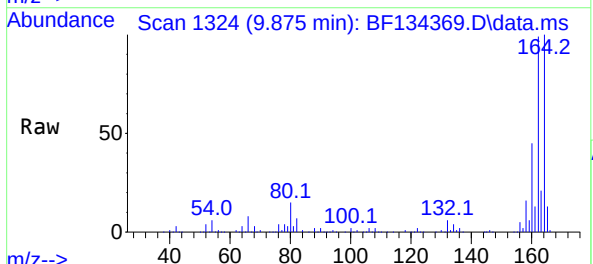
Instrument :
BNA_F
ClientSampleId :
TP14

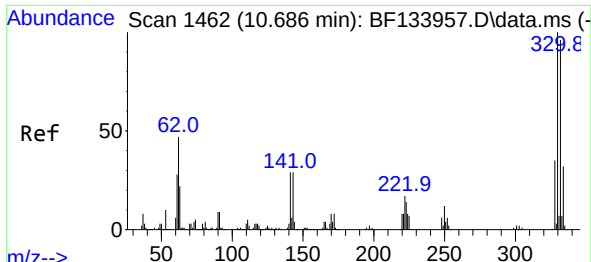
Tgt Ion: 82 Resp: 439748
Ion Ratio Lower Upper
82 100
128 40.4 32.5 48.7
54 55.5 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134369.D
Acq: 19 Jul 2023 20:52

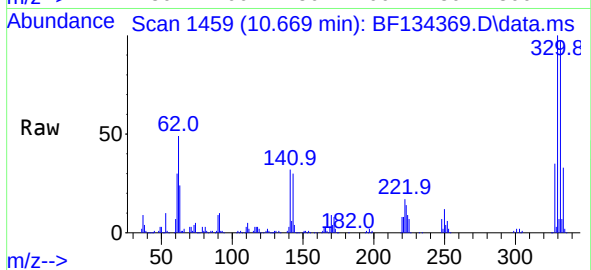
Tgt Ion:164 Resp: 131779
Ion Ratio Lower Upper
164 100
162 99.4 80.0 120.0
160 45.4 35.9 53.9



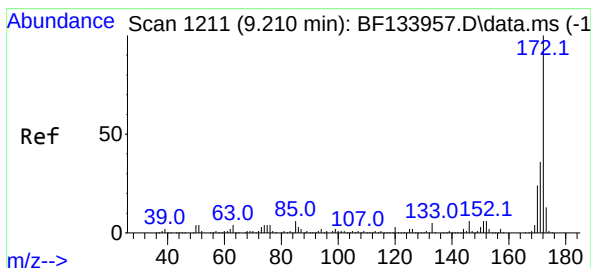
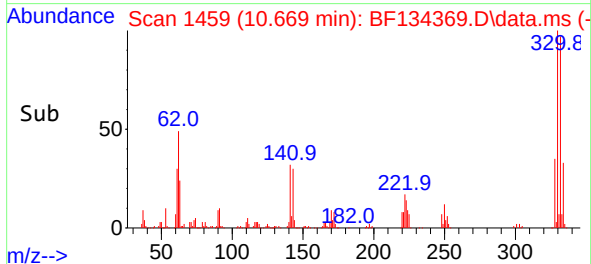
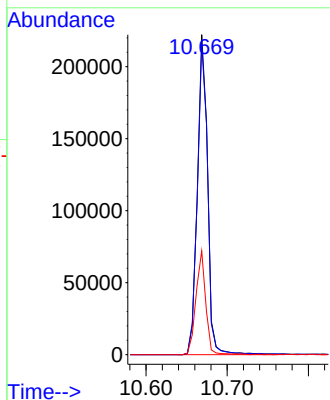


#42
2,4,6-Tribromophenol
Concen: 118.533 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134369.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_F
ClientSampleId :
TP14

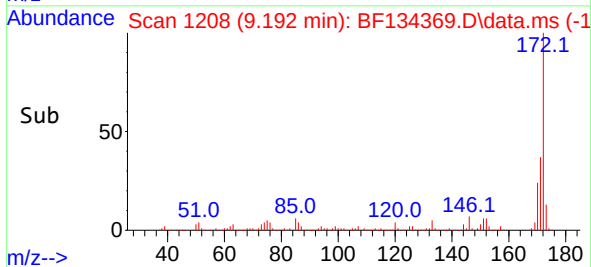
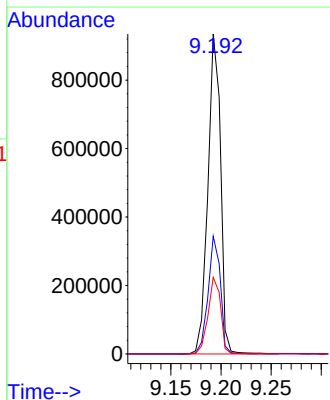
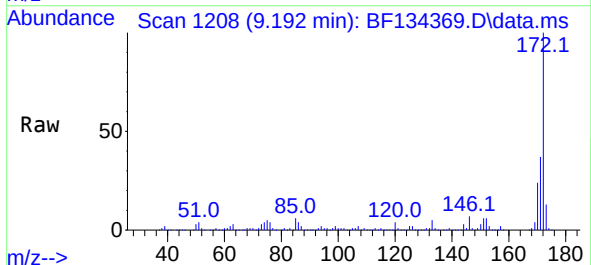


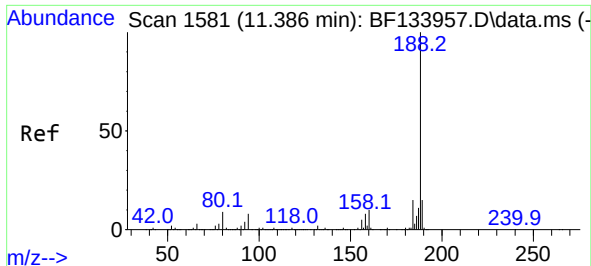
Tgt Ion:330 Resp: 195845
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 31.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 91.100 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134369.D
Acq: 19 Jul 2023 20:52

Tgt Ion:172 Resp: 825717
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 23.9 19.4 29.0

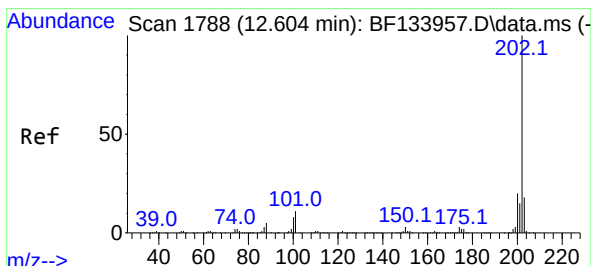
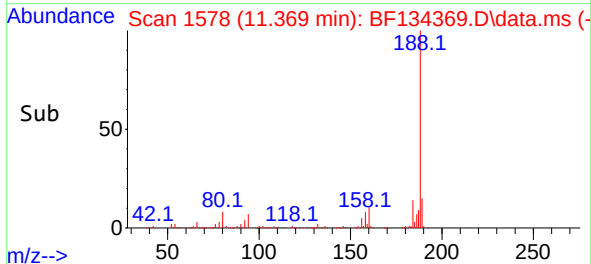
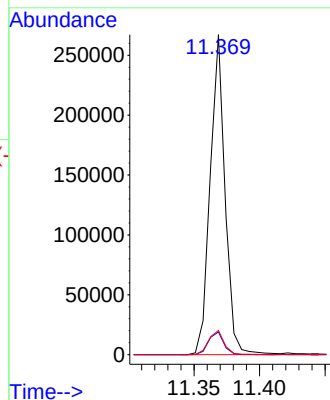
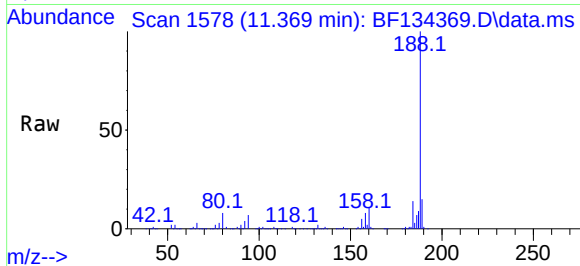




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134369.D
Acq: 19 Jul 2023 20:52

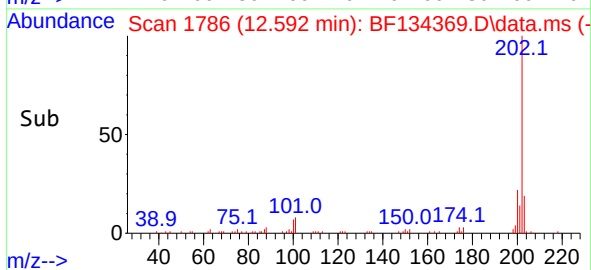
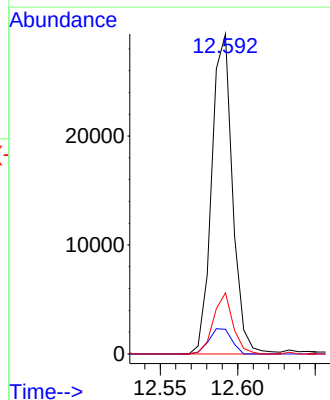
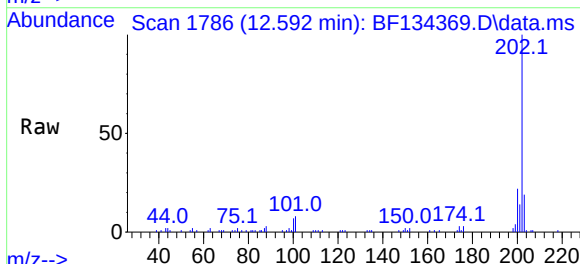
Instrument :
BNA_F
ClientSampleId :
TP14

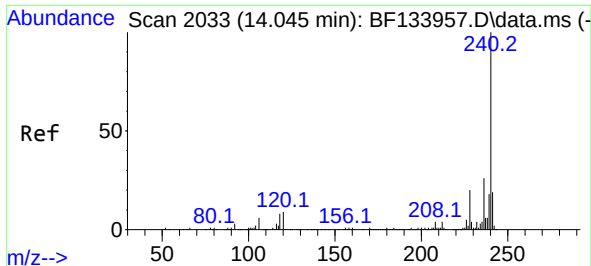
Tgt Ion:188 Resp: 211690
Ion Ratio Lower Upper
188 100
94 7.1 6.4 9.6
80 7.5 7.3 10.9



#75
Fluoranthene
Concen: 2.382 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF134369.D
Acq: 19 Jul 2023 20:52

Tgt Ion:202 Resp: 27448
Ion Ratio Lower Upper
202 100
101 7.7 0.0 31.0
203 19.1 0.0 37.6

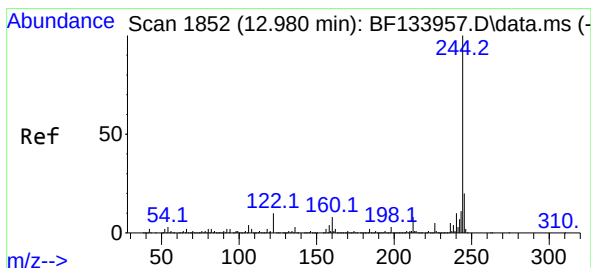
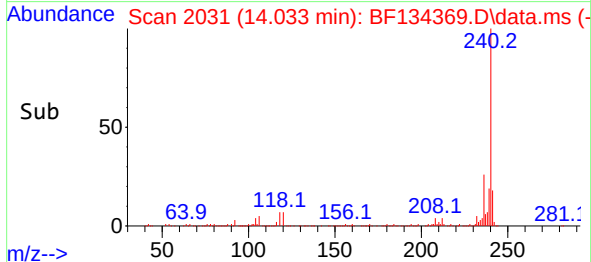
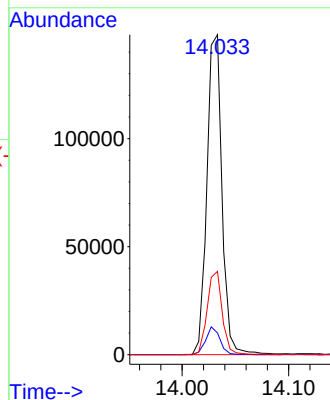
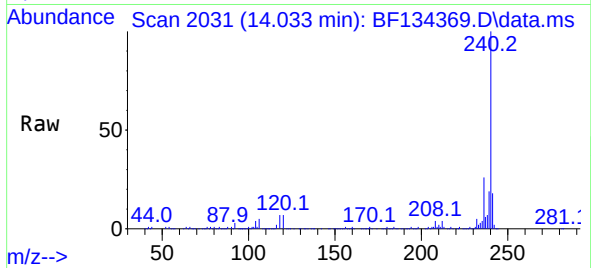




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134369.D
Acq: 19 Jul 2023 20:52

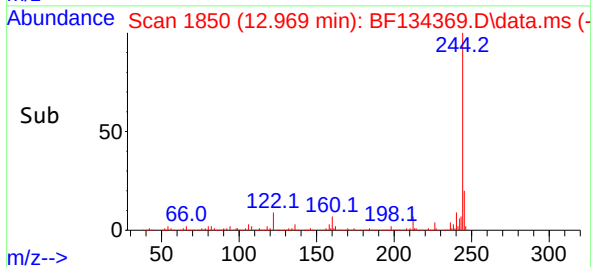
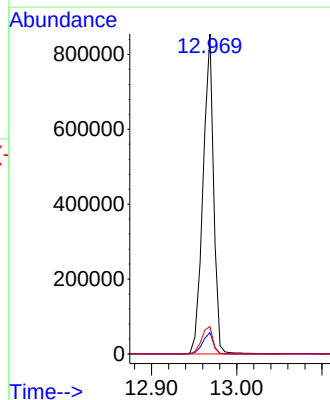
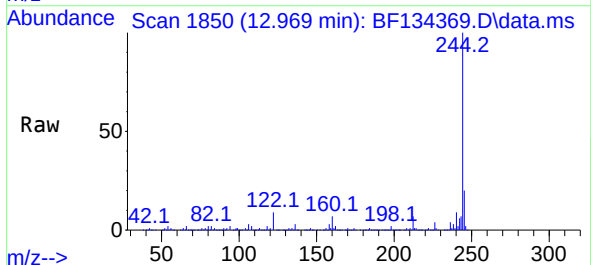
Instrument :
BNA_F
ClientSampleId :
TP14

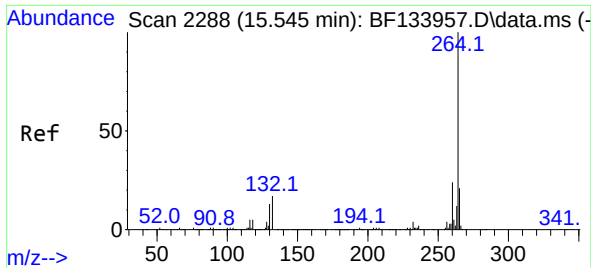
Tgt Ion:240 Resp: 146375
Ion Ratio Lower Upper
240 100
120 6.8 7.4 11.0#
236 26.0 21.0 31.6



#79
Terphenyl-d14
Concen: 80.946 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134369.D
Acq: 19 Jul 2023 20:52

Tgt Ion:244 Resp: 736200
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF134369.D
 Acq: 19 Jul 2023 20:52

Instrument :
 BNA_F
 ClientSampleId :
 TP14

Tgt Ion:264 Resp: 119717

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	16.6	25.0

