

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134366.D
 Acq On : 19 Jul 2023 19:12
 Operator : CG\JU
 Sample : 03637-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A508

Quant Time: Jul 19 19:51:33 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)

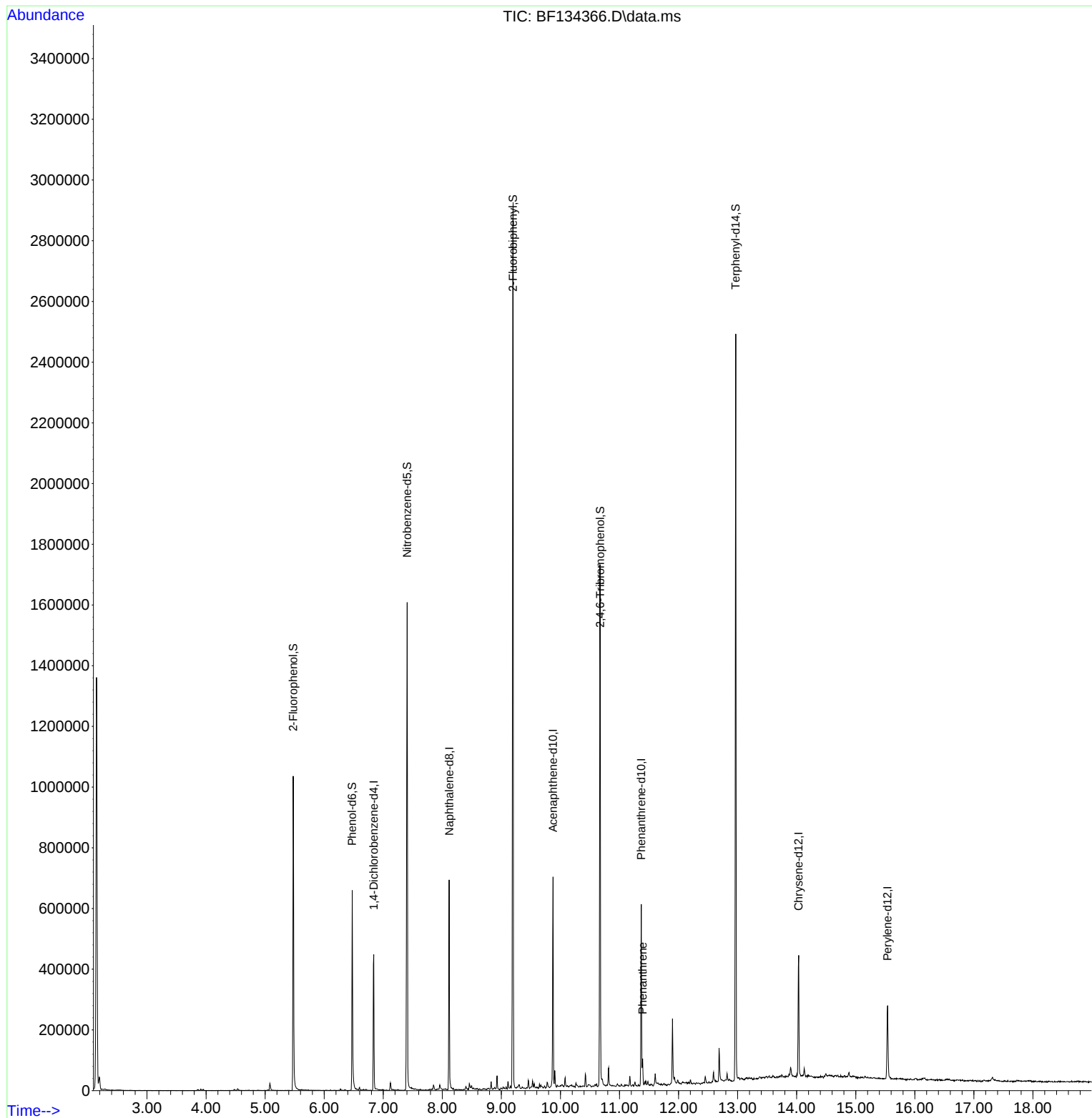
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	68606	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	262155	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	122731	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	203054	20.000	ng	0.00
76) Chrysene-d12	14.033	240	139125	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	114935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	257762	62.848	ng	0.00
7) Phenol-d6	6.475	99	180215	35.730	ng	-0.01
23) Nitrobenzene-d5	7.404	82	497446	102.287	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	220550	143.326	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	938545	111.182	ng	0.00
79) Terphenyl-d14	12.968	244	813307	94.085	ng	0.00
Target Compounds						
71) Phenanthrene	11.392	178	27335	2.674	ng	Qvalue 97

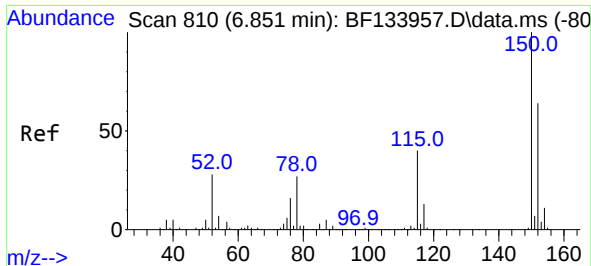
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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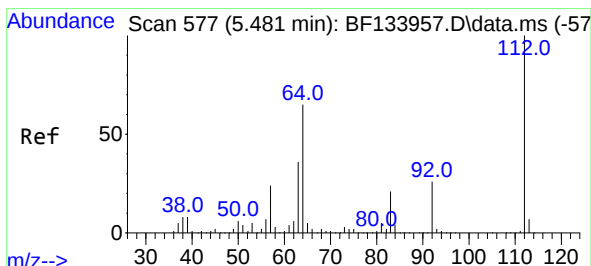
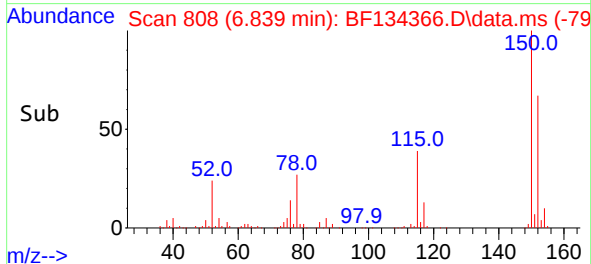
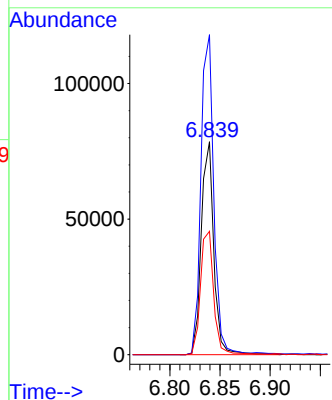
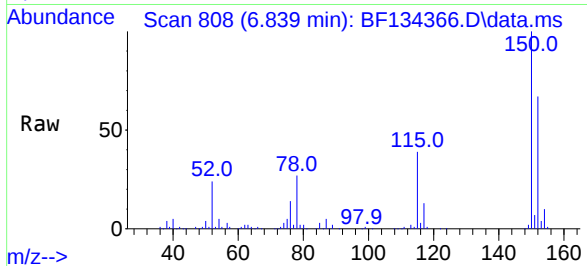




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134366.D
Acq: 19 Jul 2023 19:12

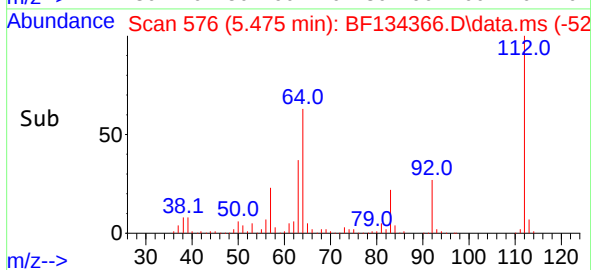
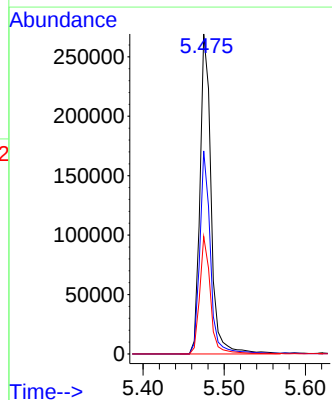
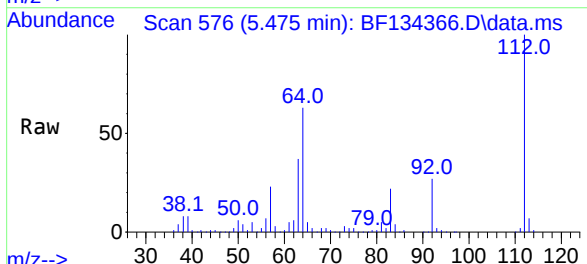
Instrument :
BNA_F
ClientSampleId :
A508

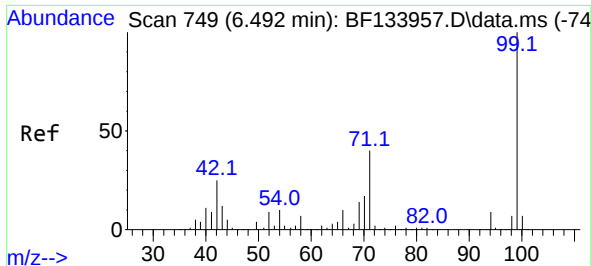
Tgt Ion:152 Resp: 68606
Ion Ratio Lower Upper
152 100
150 150.2 124.5 186.7
115 57.9 50.2 75.2



#5
2-Fluorophenol
Concen: 62.848 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134366.D
Acq: 19 Jul 2023 19:12

Tgt Ion:112 Resp: 257762
Ion Ratio Lower Upper
112 100
64 63.5 52.1 78.1
63 36.7 28.6 42.8

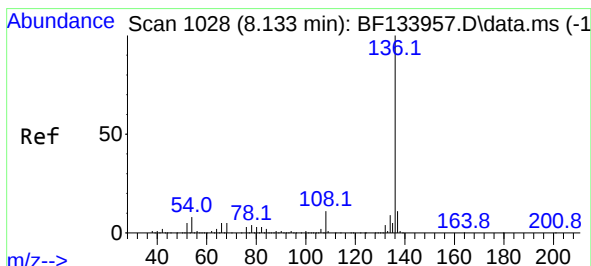
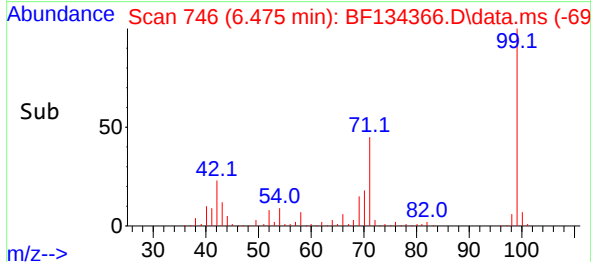
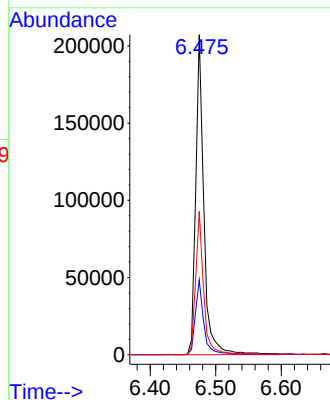
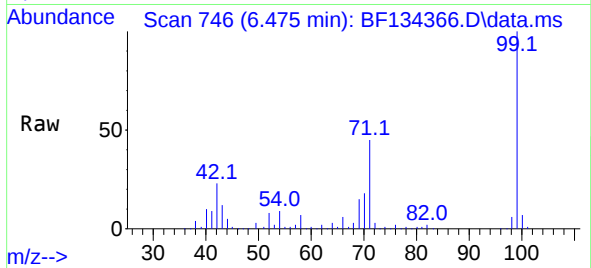




#7
Phenol-d6
Concen: 35.730 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134366.D
Acq: 19 Jul 2023 19:12

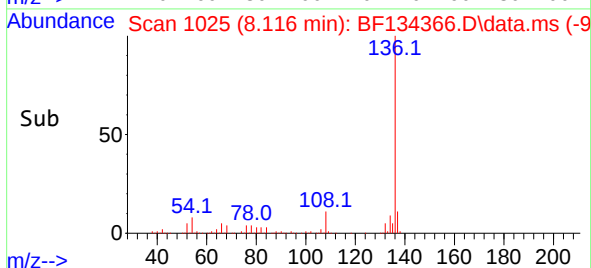
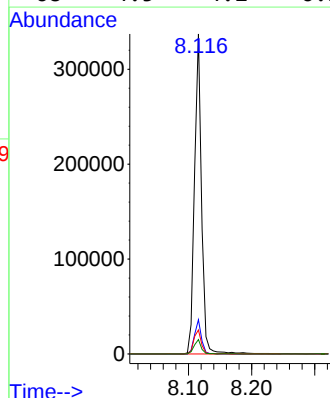
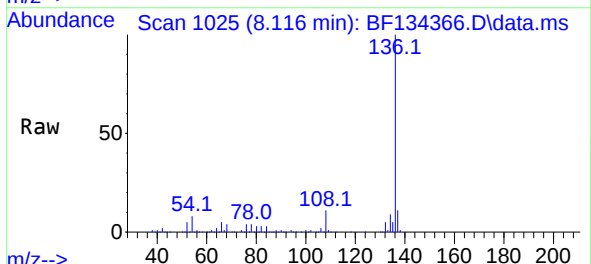
Instrument :
BNA_F
ClientSampleId :
A508

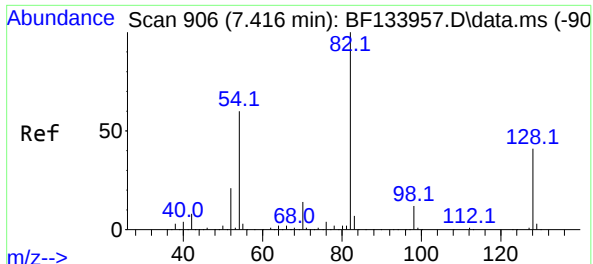
Tgt Ion: 99 Resp: 180215
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 44.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134366.D
Acq: 19 Jul 2023 19:12

Tgt Ion:136 Resp: 262155
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.5 6.5 9.7
68 4.5 4.2 6.2





#23

Nitrobenzene-d5

Concen: 102.287 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134366.D

Acq: 19 Jul 2023 19:12

Instrument :

BNA_F

ClientSampleId :

A508

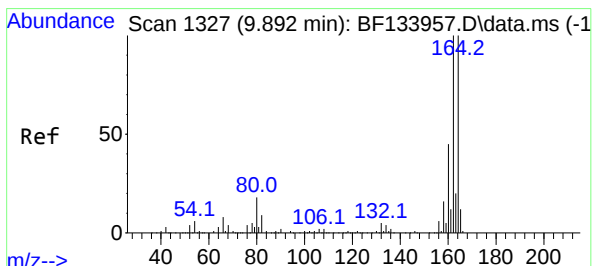
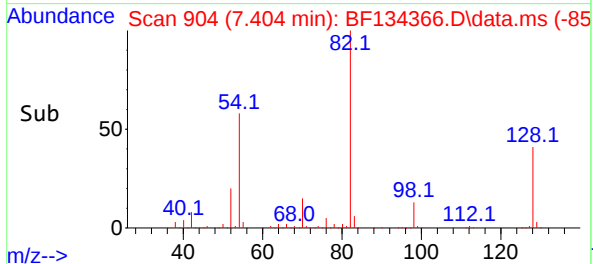
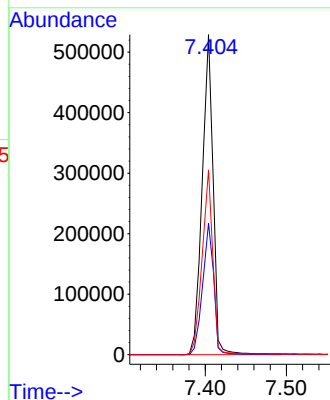
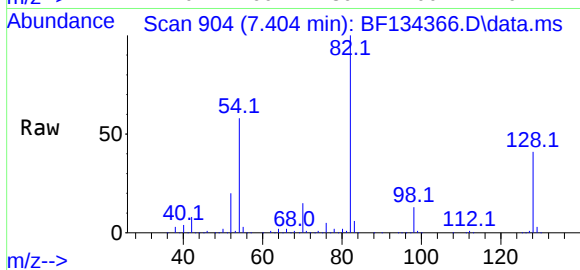
Tgt Ion: 82 Resp: 497446

Ion Ratio Lower Upper

82 100

128 41.1 32.5 48.7

54 57.8 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: BF134366.D

Acq: 19 Jul 2023 19:12

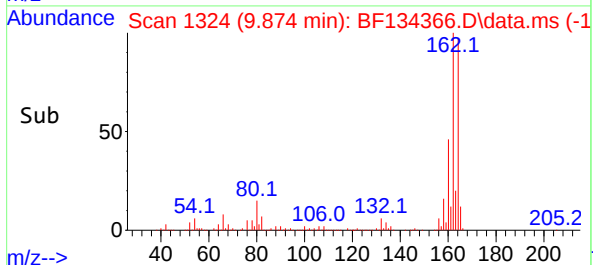
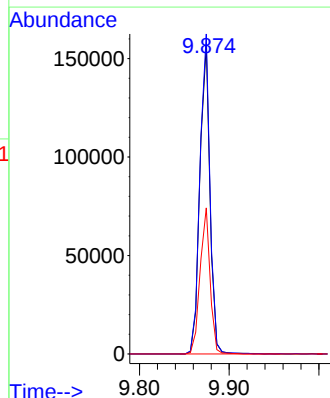
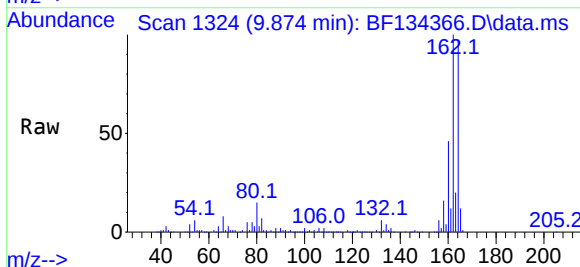
Tgt Ion:164 Resp: 122731

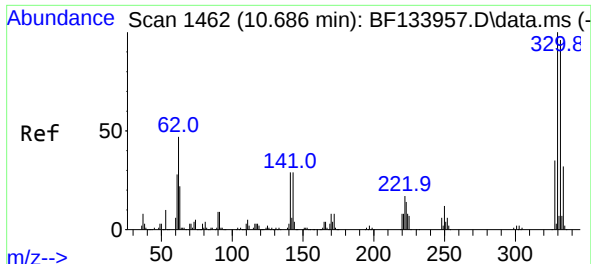
Ion Ratio Lower Upper

164 100

162 103.5 80.0 120.0

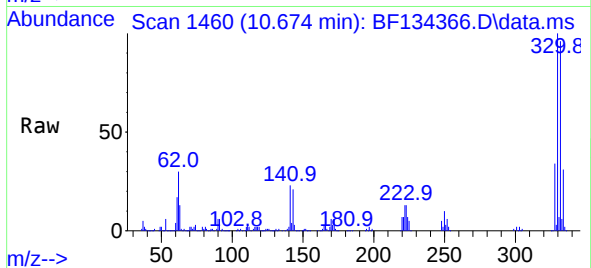
160 47.2 35.9 53.9



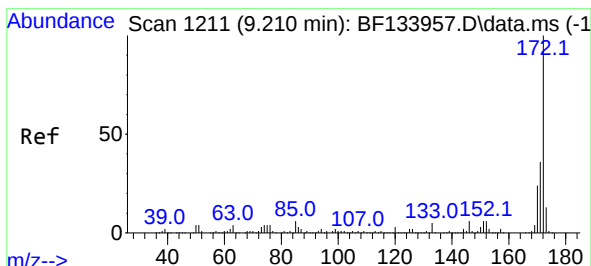
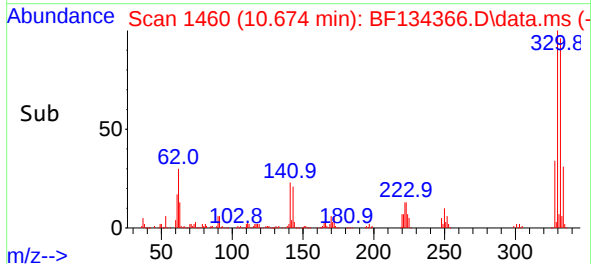
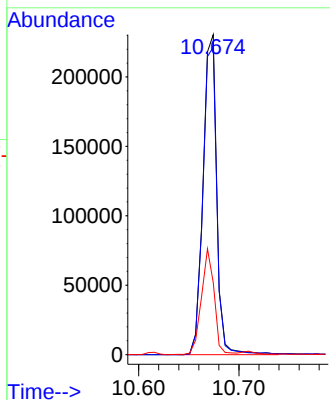


#42
2,4,6-Tribromophenol
Concen: 143.326 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134366.D
Acq: 19 Jul 2023 19:12

Instrument :
BNA_F
ClientSampleId :
A508

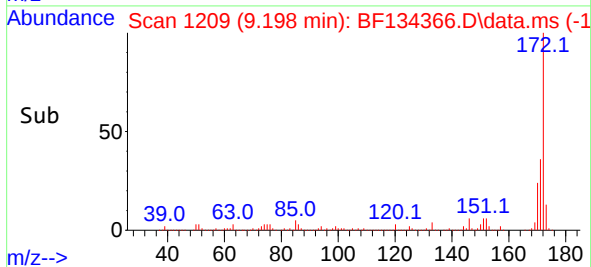
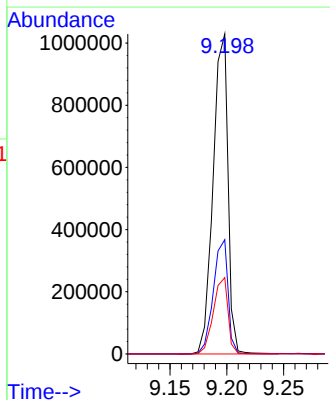
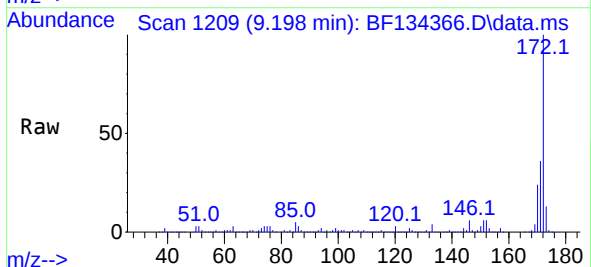


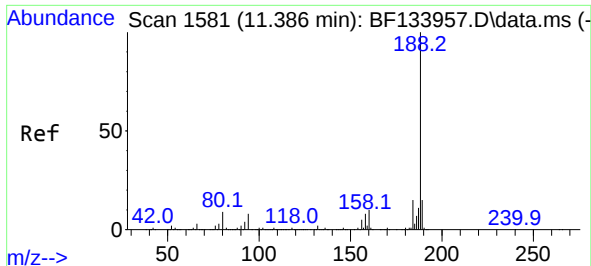
Tgt Ion:330 Resp: 220550
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 30.6 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 111.182 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134366.D
Acq: 19 Jul 2023 19:12

Tgt Ion:172 Resp: 938545
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.8 19.4 29.0

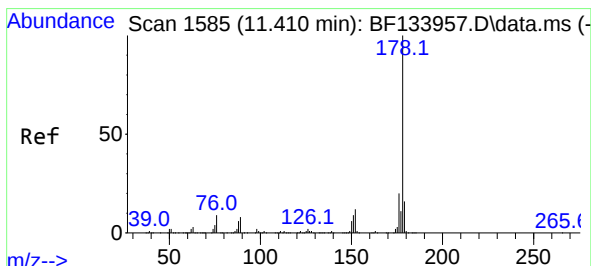
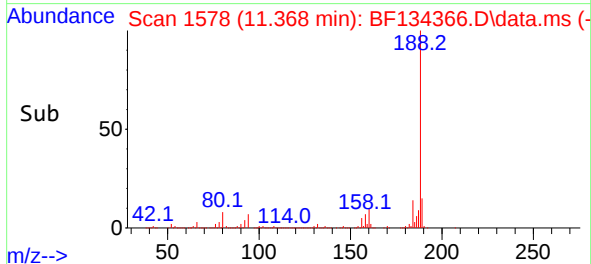
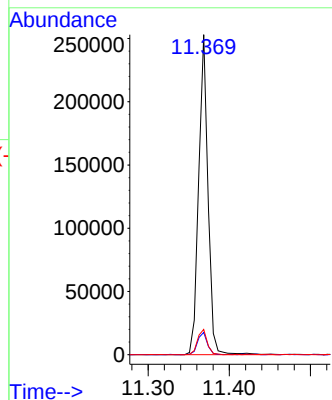
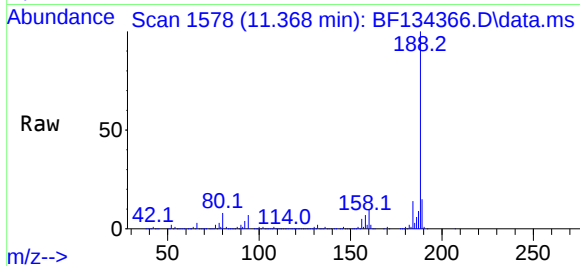




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134366.D
Acq: 19 Jul 2023 19:12

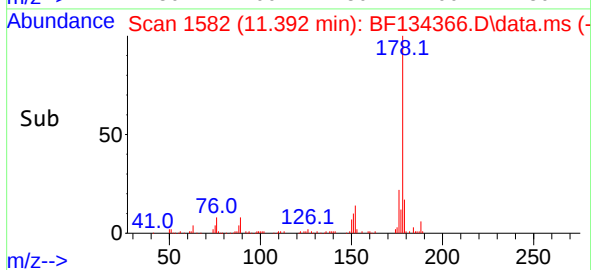
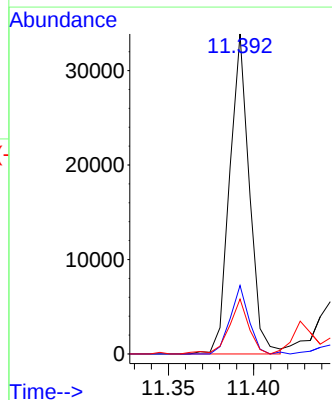
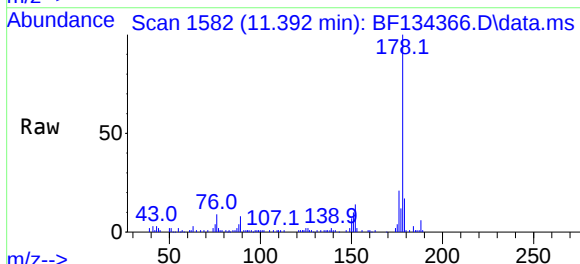
Instrument :
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ClientSampleId :
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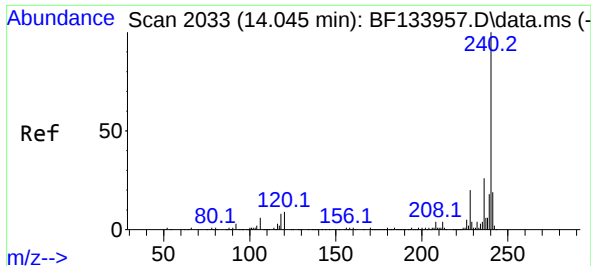
Tgt Ion:188 Resp: 203054
Ion Ratio Lower Upper
188 100
94 7.0 6.4 9.6
80 7.9 7.3 10.9



#71
Phenanthrene
Concen: 2.674 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF134366.D
Acq: 19 Jul 2023 19:12

Tgt Ion:178 Resp: 27335
Ion Ratio Lower Upper
178 100
176 21.4 16.0 24.0
179 17.1 12.4 18.6

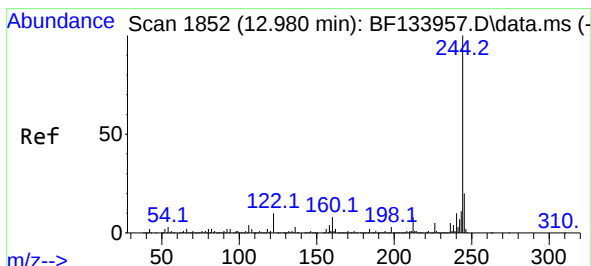
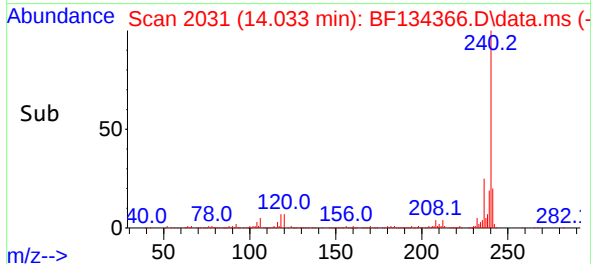
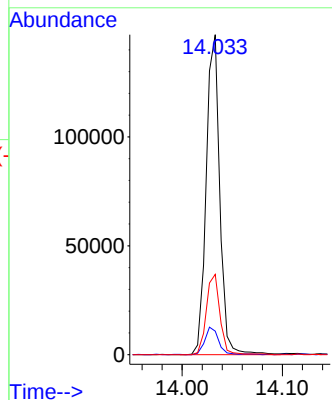
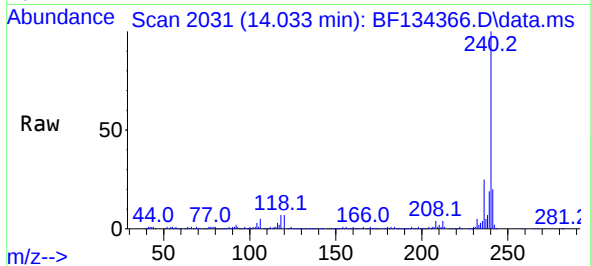




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134366.D
Acq: 19 Jul 2023 19:12

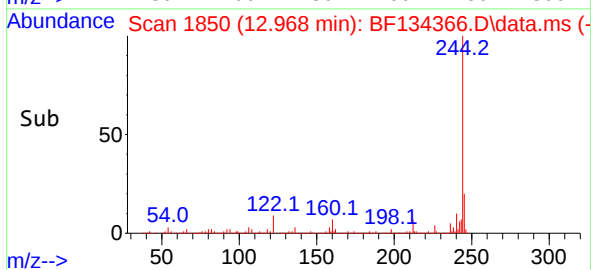
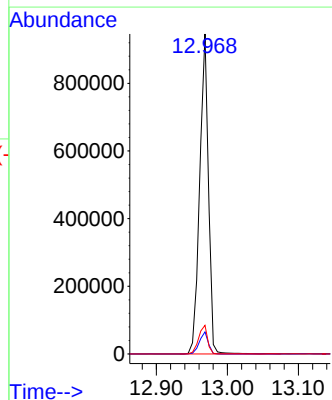
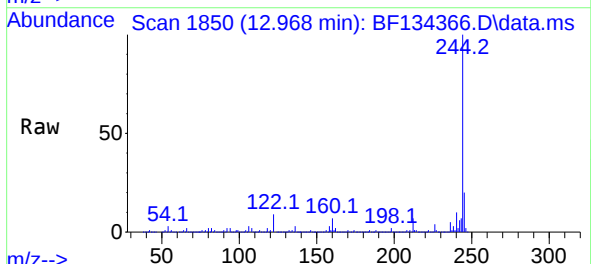
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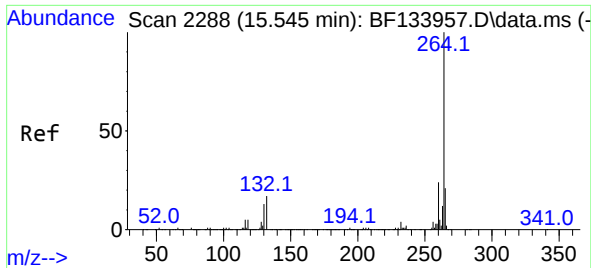
Tgt Ion:240 Resp: 139125
Ion Ratio Lower Upper
240 100
120 7.4 7.4 11.0#
236 25.1 21.0 31.6



#79
Terphenyl-d14
Concen: 94.085 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134366.D
Acq: 19 Jul 2023 19:12

Tgt Ion:244 Resp: 813307
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.0 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134366.D
Acq: 19 Jul 2023 19:12

Instrument :
BNA_F
ClientSampleId :
A508

Tgt Ion:264 Resp: 114935
Ion Ratio Lower Upper
264 100
260 22.7 19.5 29.3
265 19.1 16.6 25.0

