

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134364.D
 Acq On : 19 Jul 2023 18:05
 Operator : CG\JU
 Sample : 03597-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-49-(0-2)

Quant Time: Jul 19 18:43:37 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)

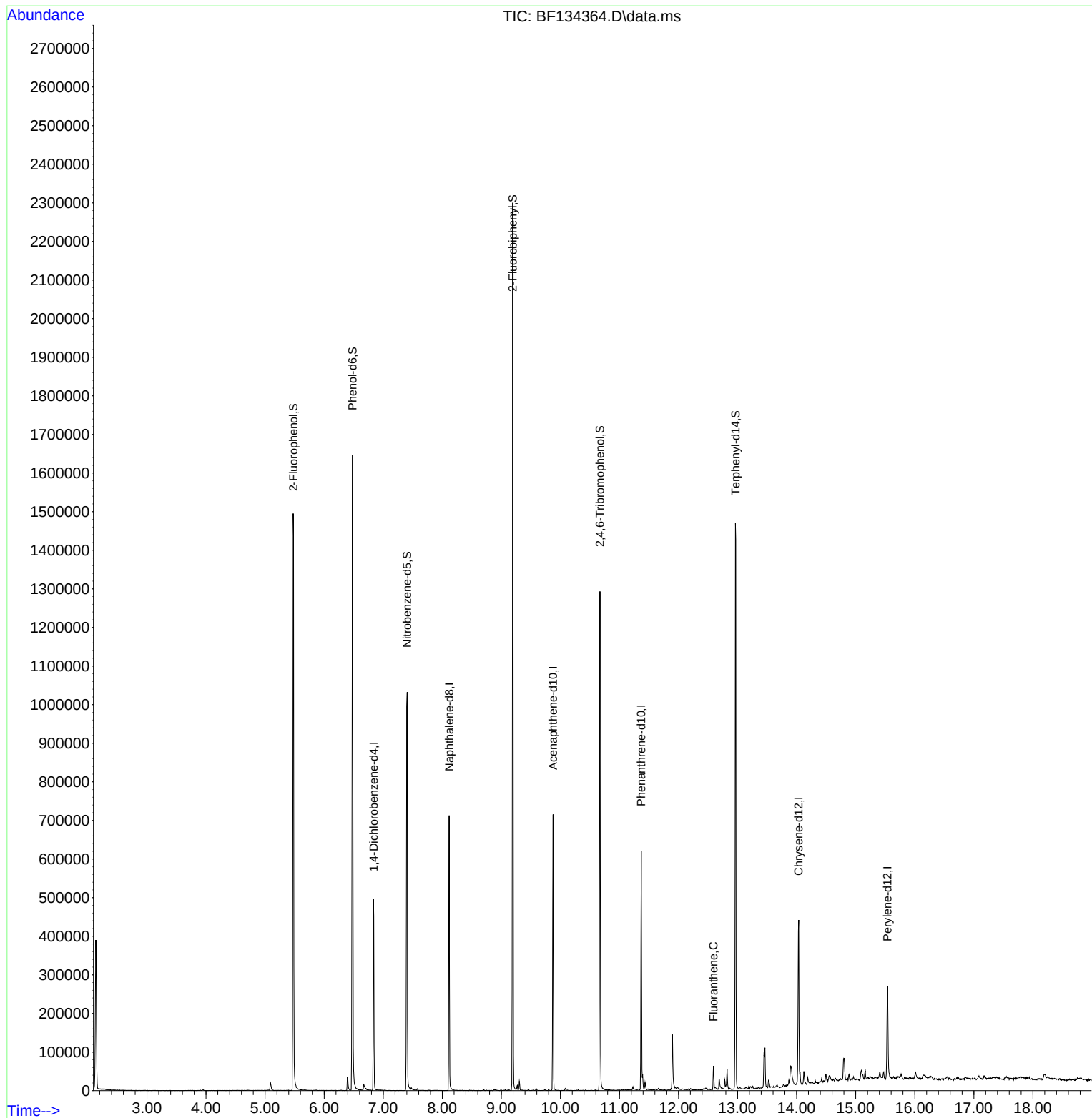
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	72870	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	274155	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	127953	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	210453	20.000	ng	0.00
76) Chrysene-d12	14.033	240	147229	20.000	ng	0.00
86) Perylene-d12	15.539	264	121330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	413226	94.858	ng	0.01
7) Phenol-d6	6.481	99	495390	92.470	ng	0.00
23) Nitrobenzene-d5	7.404	82	339873	66.827	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	152272	94.916	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	617754	70.194	ng	-0.01
79) Terphenyl-d14	12.969	244	541281	59.170	ng	0.00
Target Compounds						
75) Fluoranthene	12.592	202	25398	2.217	ng	Qvalue 97

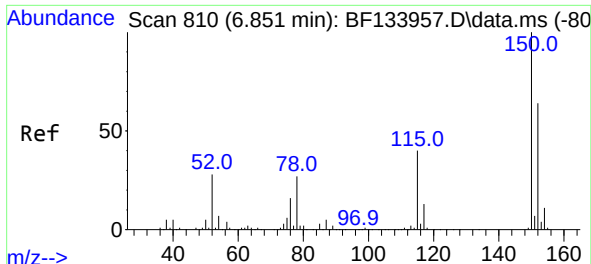
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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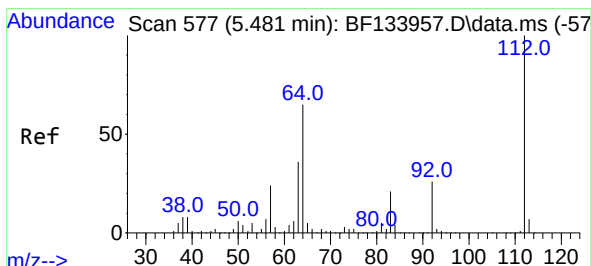
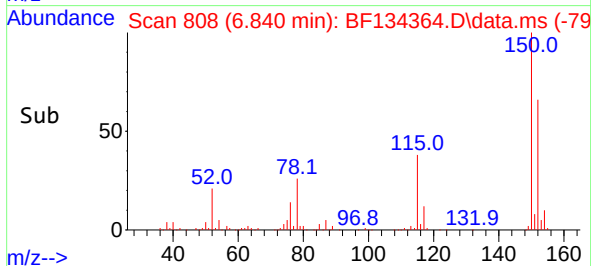
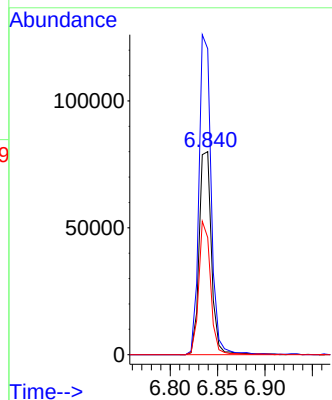
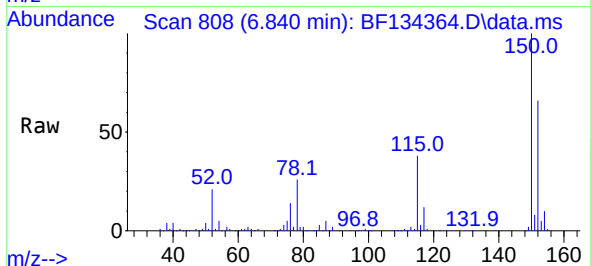




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134364.D
Acq: 19 Jul 2023 18:05

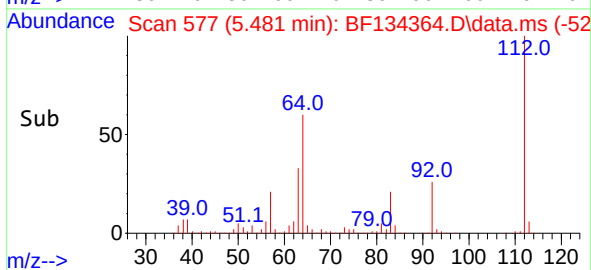
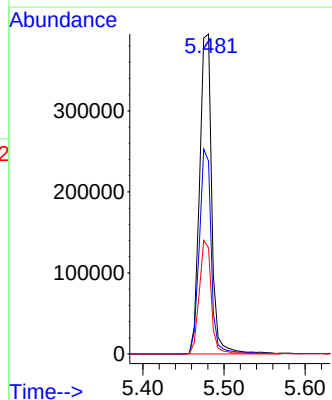
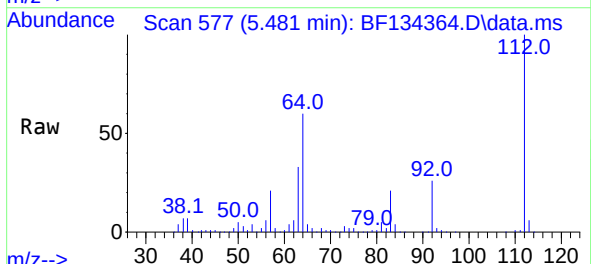
Instrument :
BNA_F
ClientSampleId :
RB-49-(0-2)

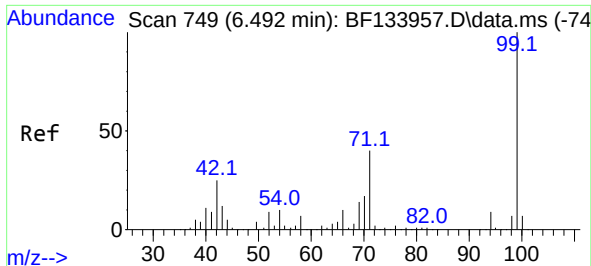
Tgt Ion:152 Resp: 72870
Ion Ratio Lower Upper
152 100
150 150.7 124.5 186.7
115 57.7 50.2 75.2



#5
2-Fluorophenol
Concen: 94.858 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF134364.D
Acq: 19 Jul 2023 18:05

Tgt Ion:112 Resp: 413226
Ion Ratio Lower Upper
112 100
64 60.3 52.1 78.1
63 33.2 28.6 42.8

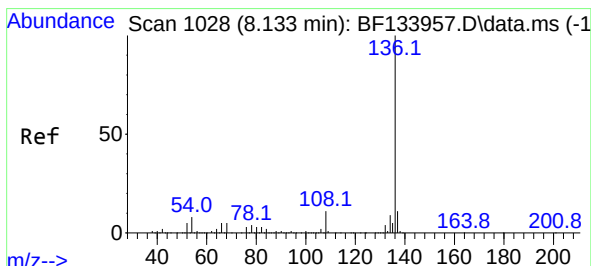
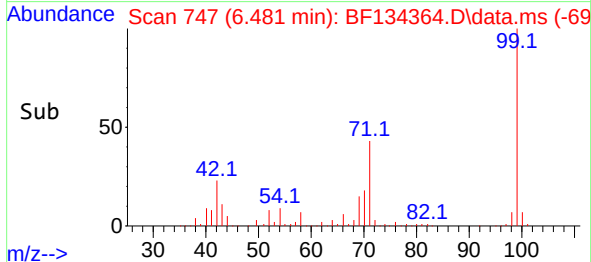
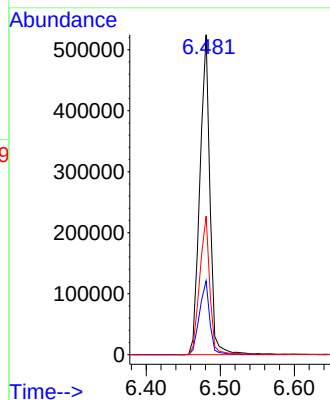
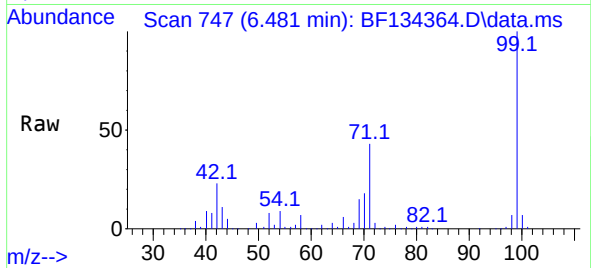




#7
Phenol-d6
Concen: 92.470 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134364.D
Acq: 19 Jul 2023 18:05

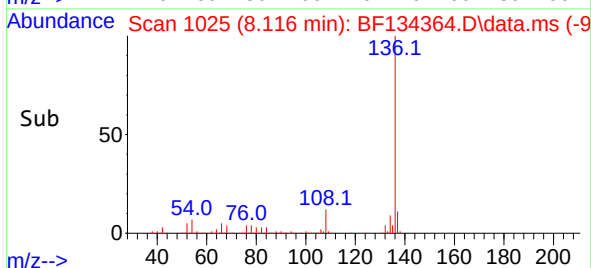
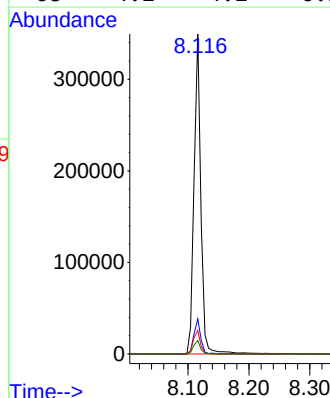
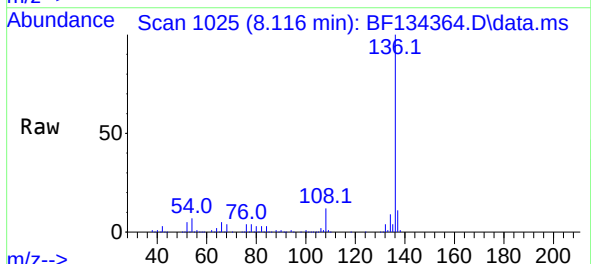
Instrument :
BNA_F
ClientSampleId :
RB-49-(0-2)

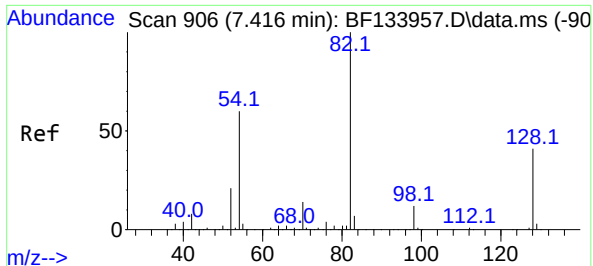
Tgt Ion: 99 Resp: 495390
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.6
71 43.3 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134364.D
Acq: 19 Jul 2023 18:05

Tgt Ion: 136 Resp: 274155
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.3 6.5 9.7
68 4.2 4.2 6.2



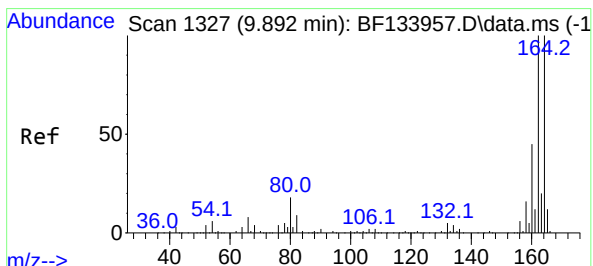
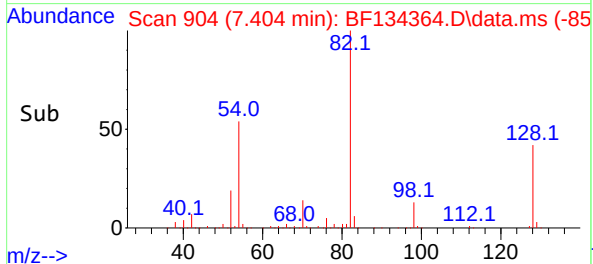
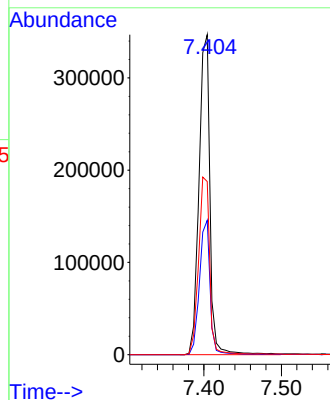
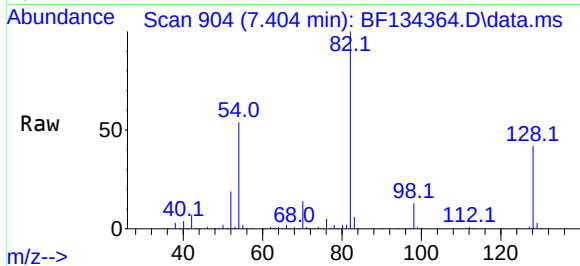


#23
 Nitrobenzene-d5
 Concen: 66.827 ng
 RT: 7.404 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF134364.D
 Acq: 19 Jul 2023 18:05

Instrument :
 BNA_F
 ClientSampleId :
 RB-49-(0-2)

Tgt Ion: 82 Resp: 339873

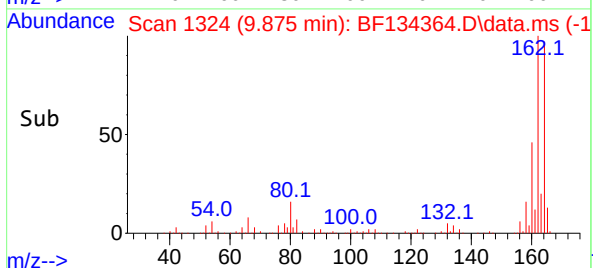
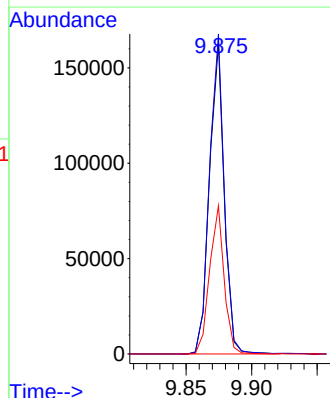
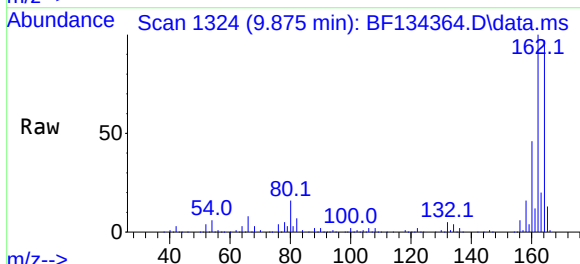
Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.5	48.7
54	54.1	48.2	72.2

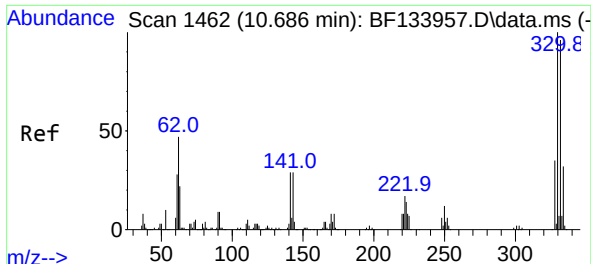


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.875 min Scan# 1324
 Delta R.T. -0.006 min
 Lab File: BF134364.D
 Acq: 19 Jul 2023 18:05

Tgt Ion:164 Resp: 127953

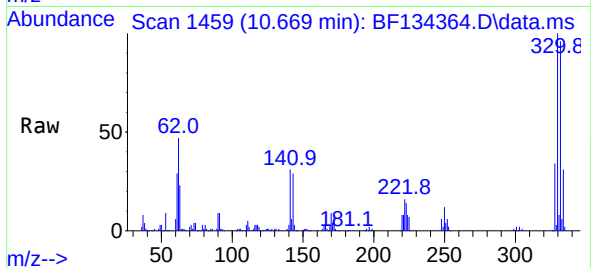
Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.0	120.0
160	47.8	35.9	53.9



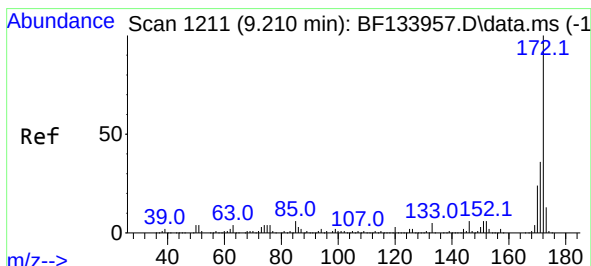
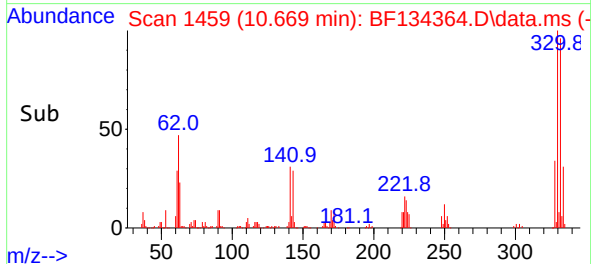
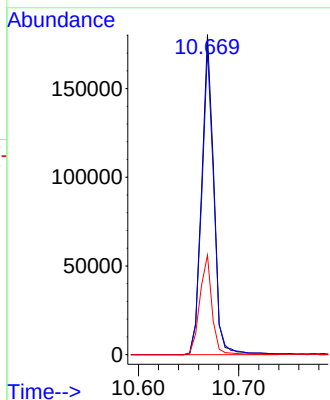


#42
2,4,6-Tribromophenol
Concen: 94.916 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134364.D
Acq: 19 Jul 2023 18:05

Instrument :
BNA_F
ClientSampleId :
RB-49-(0-2)

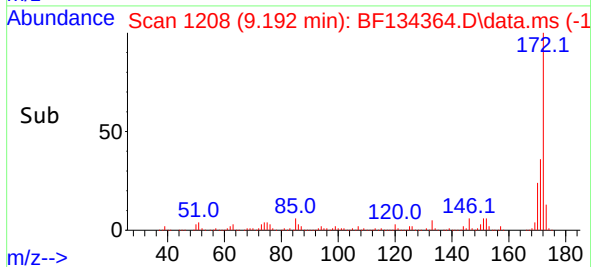
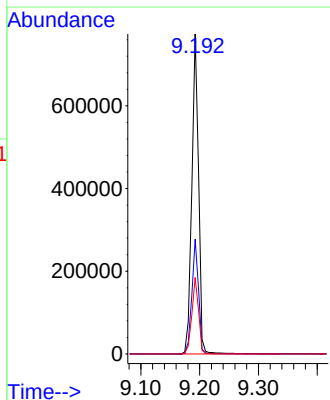
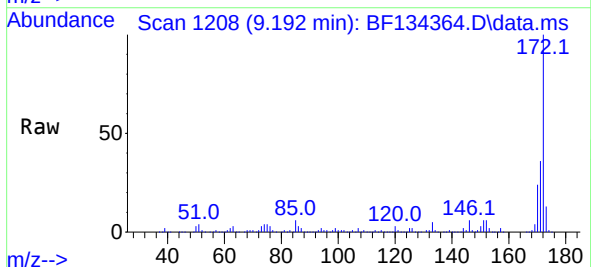


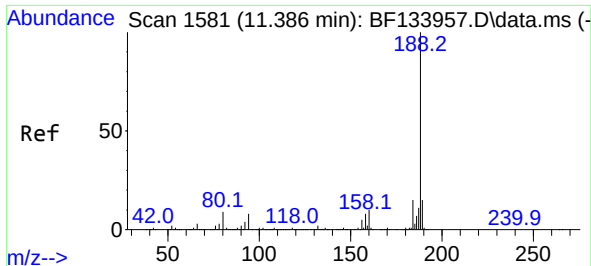
Tgt Ion:330 Resp: 152272
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 31.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 70.194 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134364.D
Acq: 19 Jul 2023 18:05

Tgt Ion:172 Resp: 617754
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.4 29.0

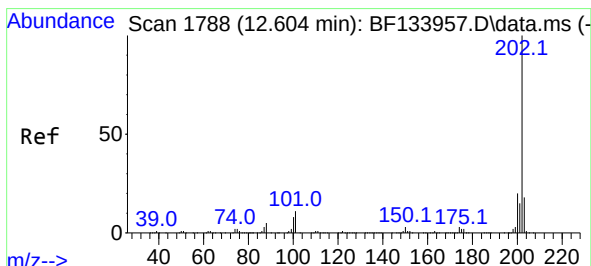
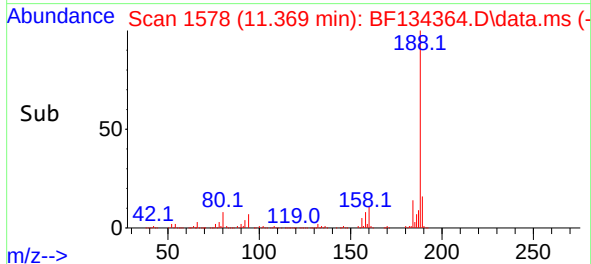
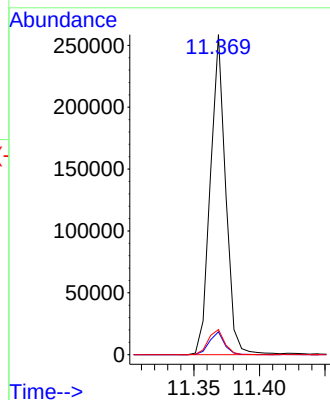
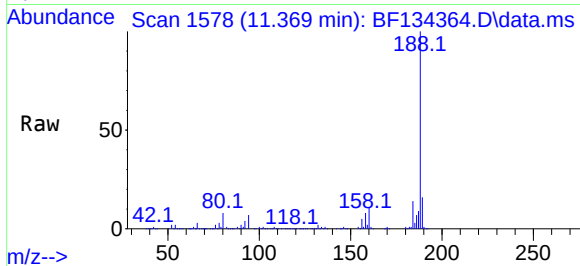




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134364.D
Acq: 19 Jul 2023 18:05

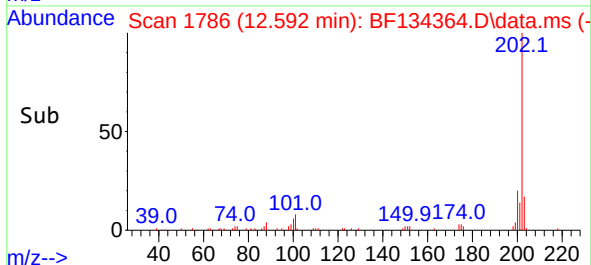
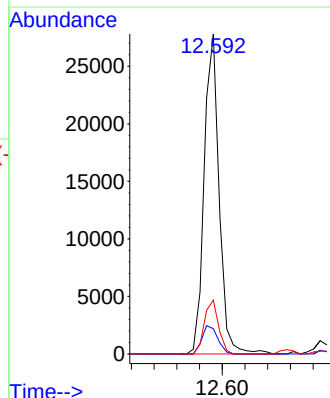
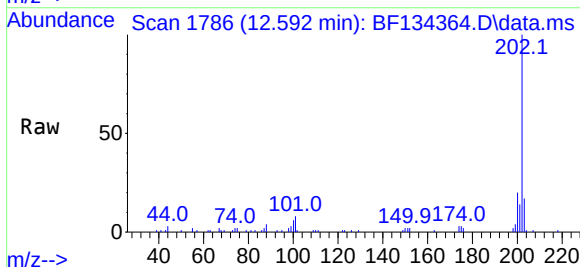
Instrument :
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ClientSampleId :
RB-49-(0-2)

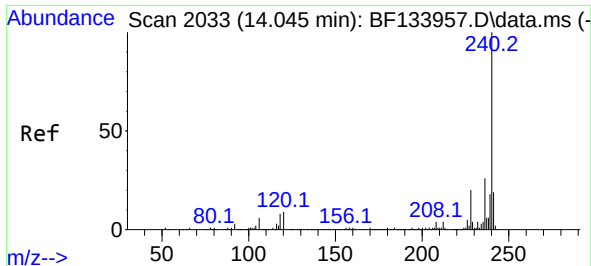
Tgt Ion:188 Resp: 210453
Ion Ratio Lower Upper
188 100
94 7.2 6.4 9.6
80 7.8 7.3 10.9



#75
Fluoranthene
Concen: 2.217 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF134364.D
Acq: 19 Jul 2023 18:05

Tgt Ion:202 Resp: 25398
Ion Ratio Lower Upper
202 100
101 9.1 0.0 31.0
203 16.8 0.0 37.6

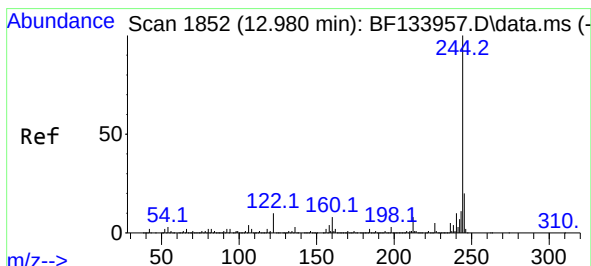
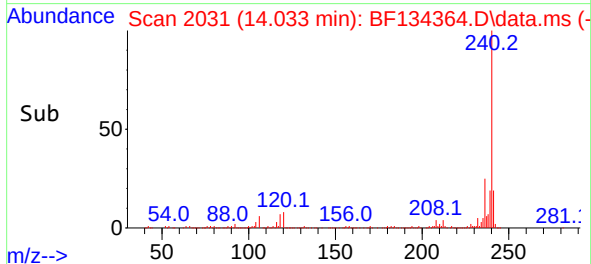
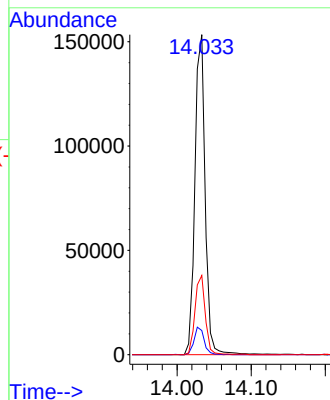
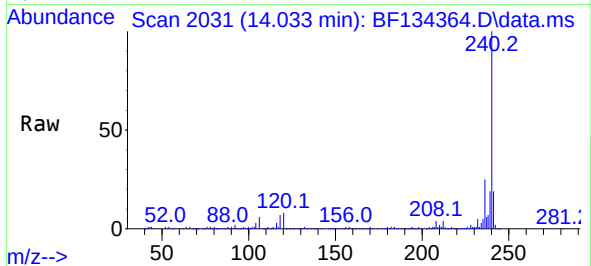




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134364.D
Acq: 19 Jul 2023 18:05

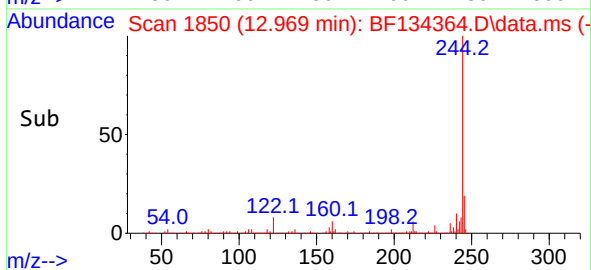
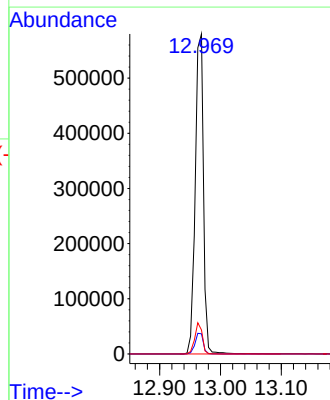
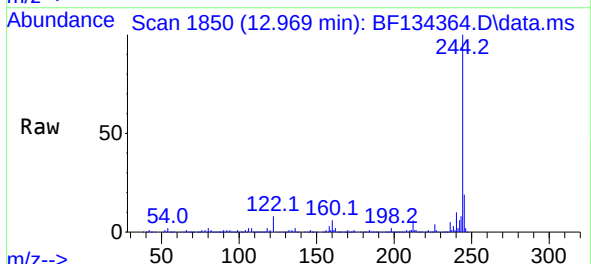
Instrument :
BNA_F
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RB-49-(0-2)

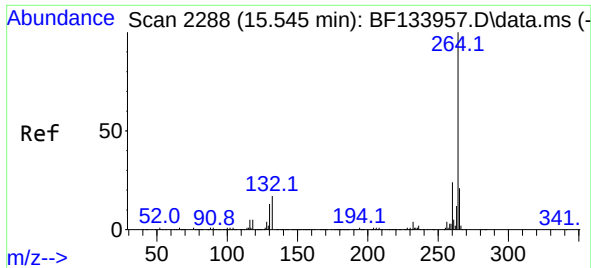
Tgt Ion:240 Resp: 147229
Ion Ratio Lower Upper
240 100
120 7.6 7.4 11.0
236 24.8 21.0 31.6



#79
Terphenyl-d14
Concen: 59.170 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134364.D
Acq: 19 Jul 2023 18:05

Tgt Ion:244 Resp: 541281
Ion Ratio Lower Upper
244 100
212 6.3 6.0 9.0
122 7.5 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: BF134364.D
 Acq: 19 Jul 2023 18:05

Instrument :
 BNA_F
 ClientSampleId :
 RB-49-(0-2)

Tgt Ion:264 Resp: 121330
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.7 16.6 25.0

