

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134184.D
 Acq On : 10 Jul 2023 13:54
 Operator : CG\JU
 Sample : PB154009BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154009BL

Quant Time: Jul 10 15:55:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	122821	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	486002	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	263086	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	542126	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	394171	20.000	ng	-0.01
86) Perylene-d12	15.545	264	315744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	925535	126.054	ng	0.00
7) Phenol-d6	6.487	99	1118267	123.844	ng	0.00
23) Nitrobenzene-d5	7.410	82	771684	85.592	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	427089	129.477	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1464714	80.945	ng	0.00
79) Terphenyl-d14	12.980	244	1948326	79.551	ng	0.00

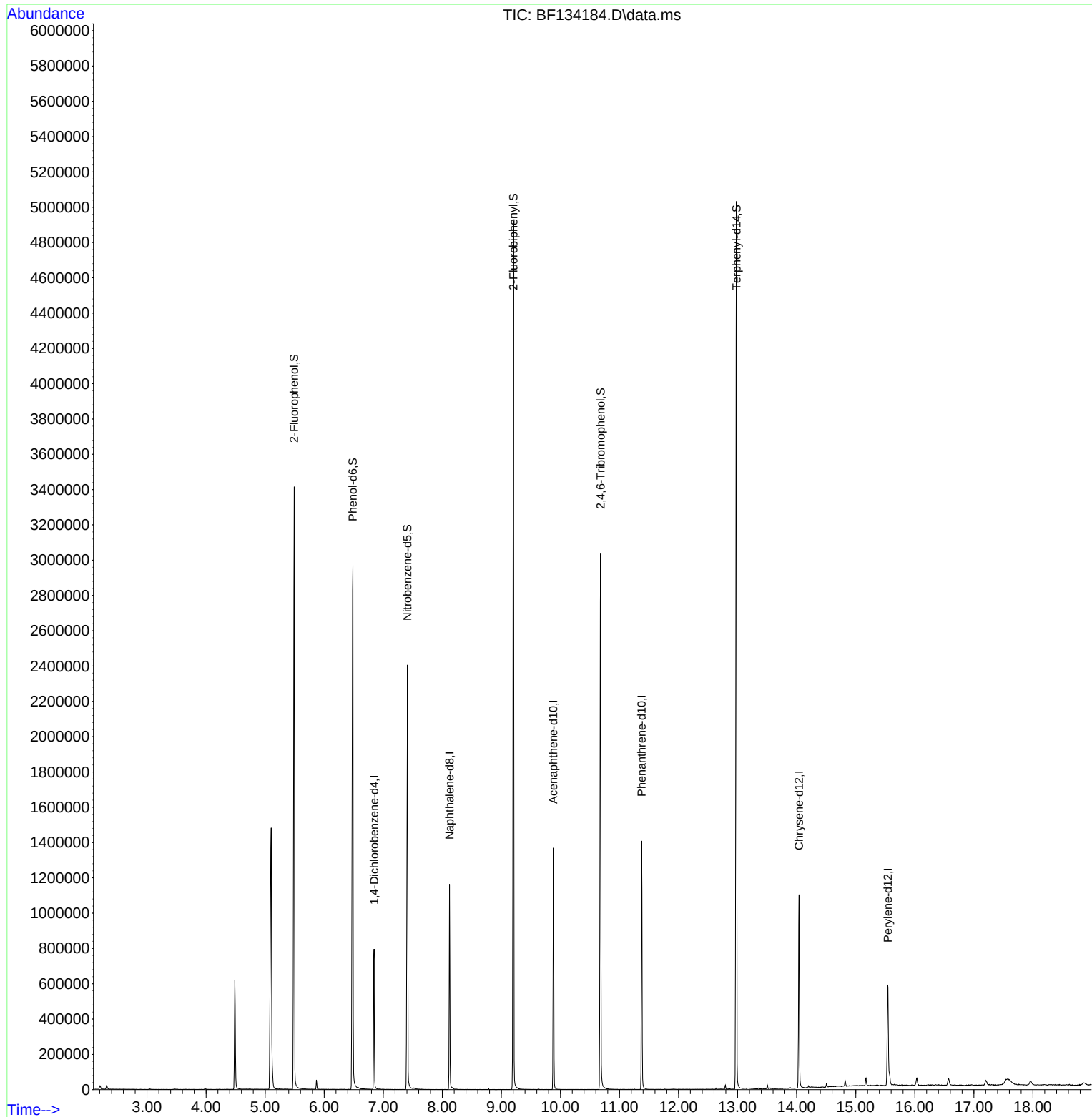
Target Compounds	Qvalue

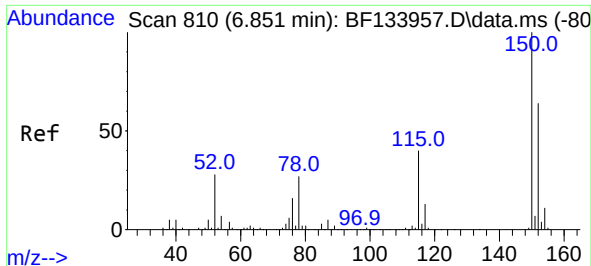
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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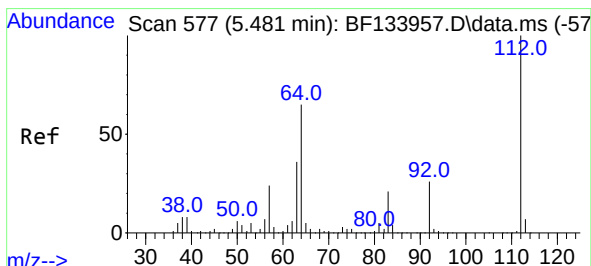
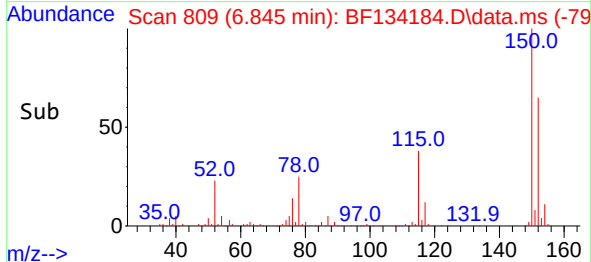
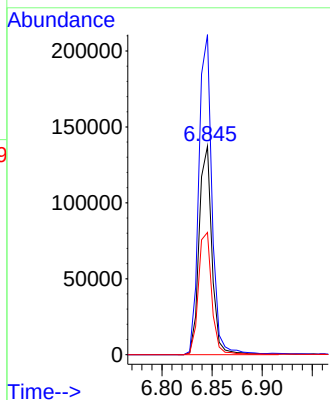
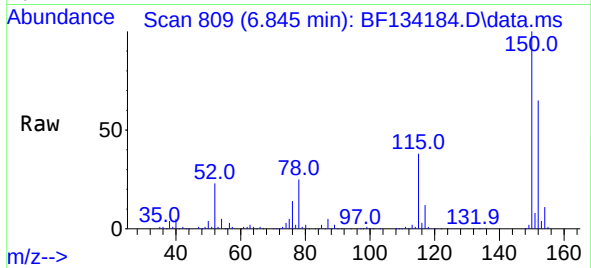




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

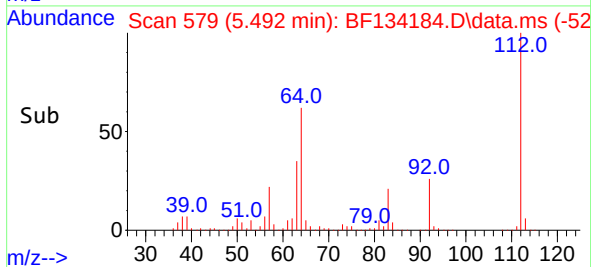
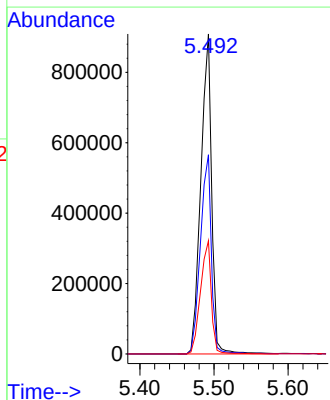
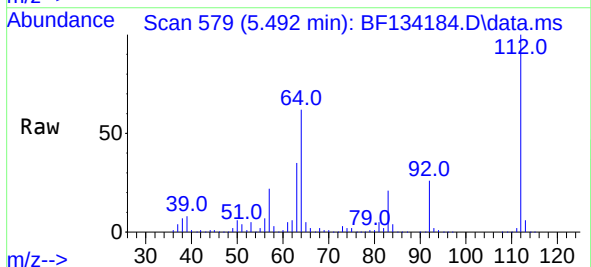
Instrument :
BNA_F
ClientSampleId :
PB154009BL

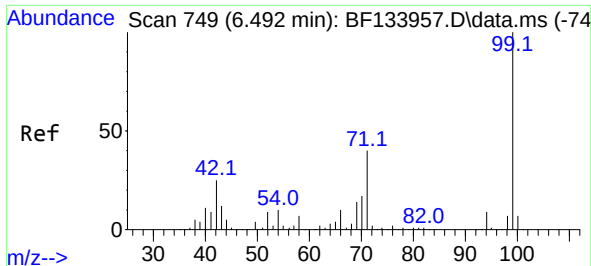
Tgt Ion:152 Resp: 122821
Ion Ratio Lower Upper
152 100
150 153.4 124.5 186.7
115 58.7 50.2 75.2



#5
2-Fluorophenol
Concen: 126.054 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

Tgt Ion:112 Resp: 925535
Ion Ratio Lower Upper
112 100
64 62.3 52.1 78.1
63 35.4 28.6 42.8



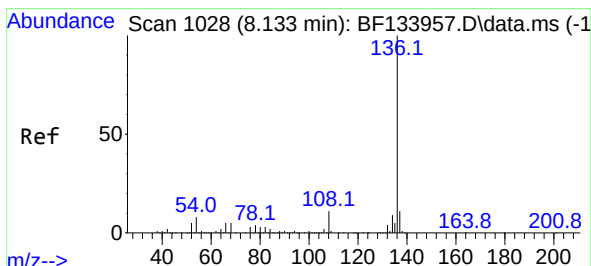
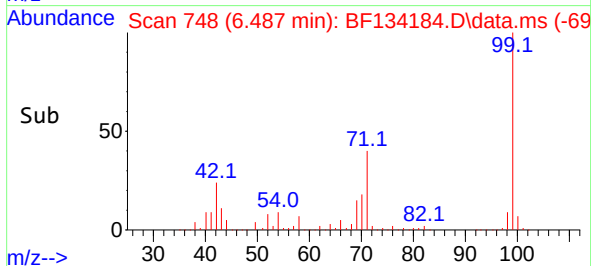
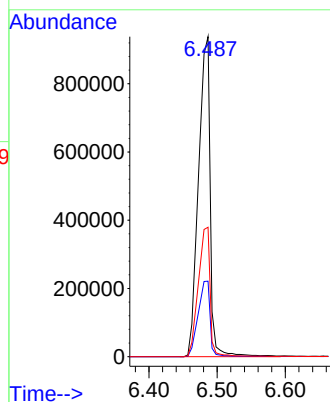
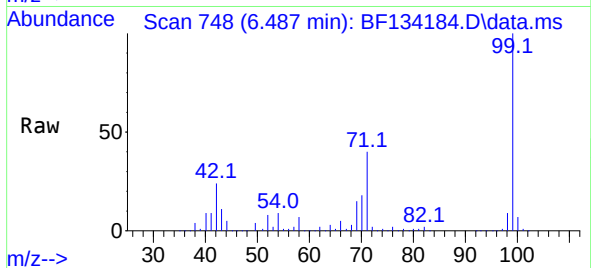


#7
Phenol-d6
Concen: 123.844 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB154009BL

Tgt Ion: 99 Resp: 1118267

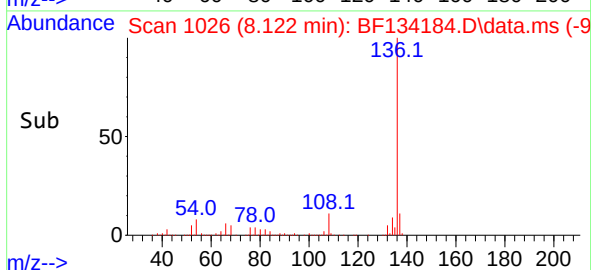
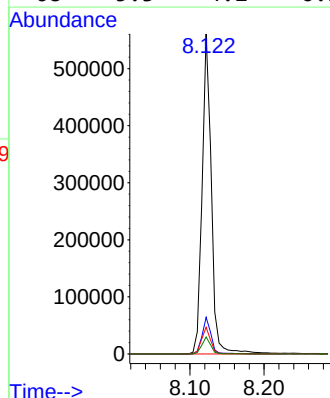
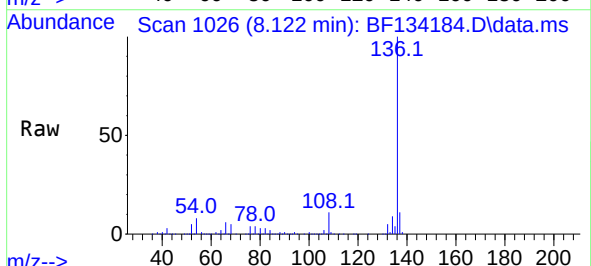
Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.8	29.6
71	40.5	31.9	47.9

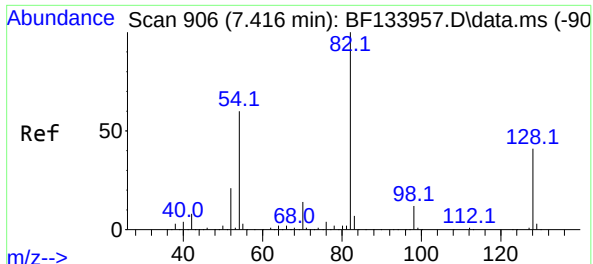


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

Tgt Ion: 136 Resp: 486002

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	8.4	6.5	9.7
68	5.3	4.2	6.2





#23

Nitrobenzene-d5

Concen: 85.592 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134184.D

Acq: 10 Jul 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB154009BL

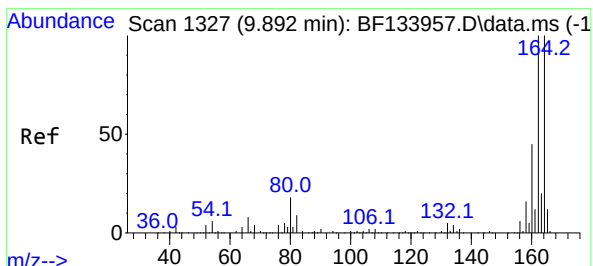
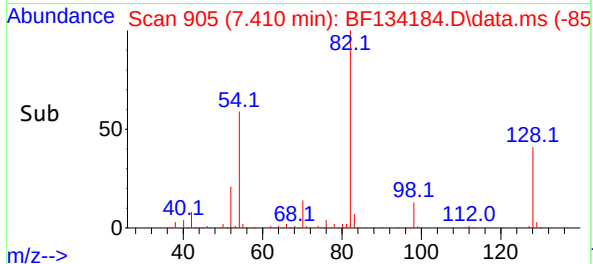
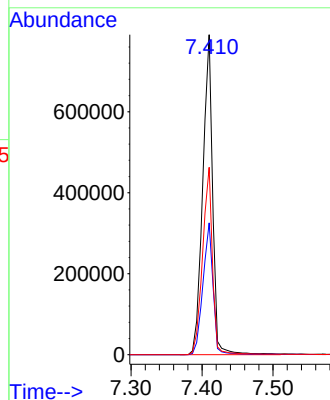
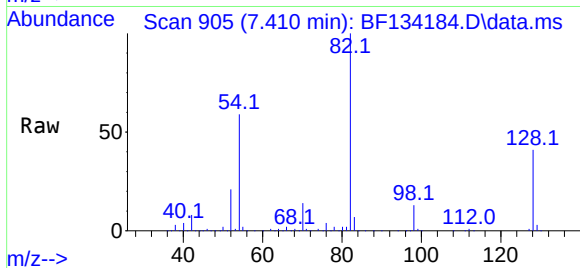
Tgt Ion: 82 Resp: 771684

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

54 58.6 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134184.D

Acq: 10 Jul 2023 13:54

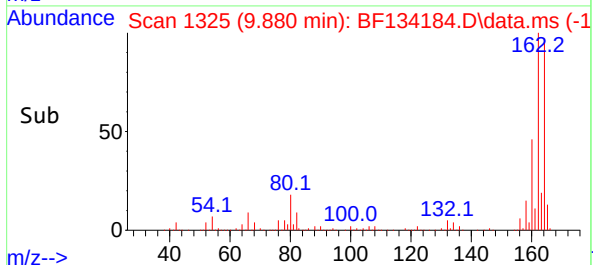
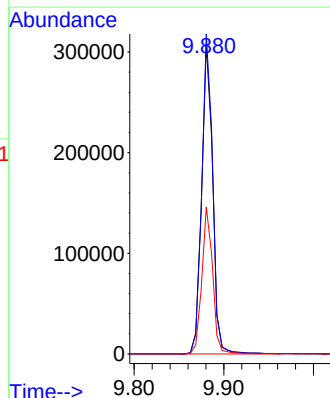
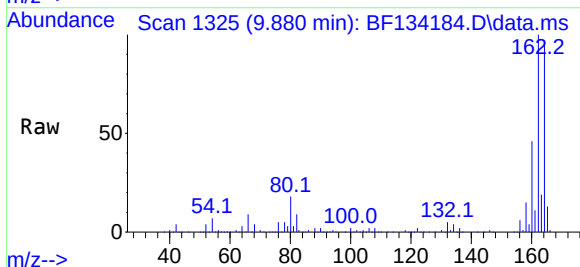
Tgt Ion:164 Resp: 263086

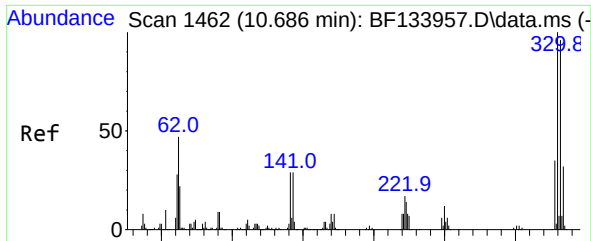
Ion Ratio Lower Upper

164 100

162 103.5 80.0 120.0

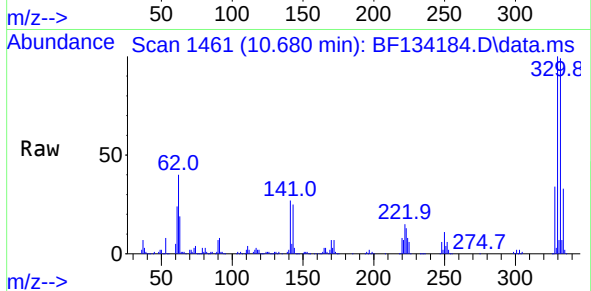
160 47.6 35.9 53.9



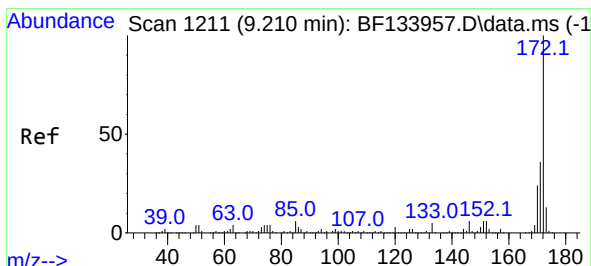
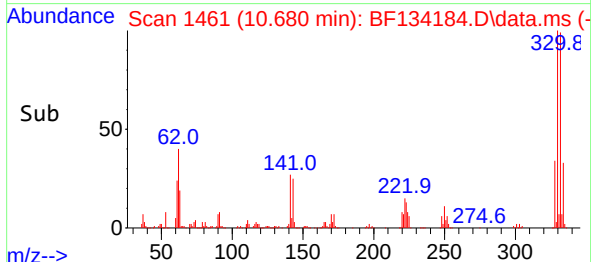
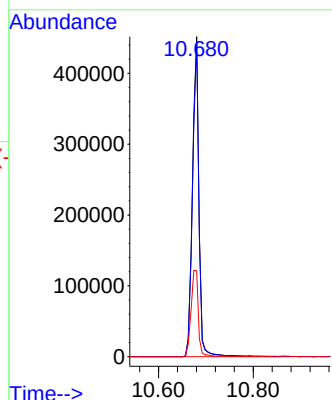


#42
2,4,6-Tribromophenol
Concen: 129.477 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB154009BL

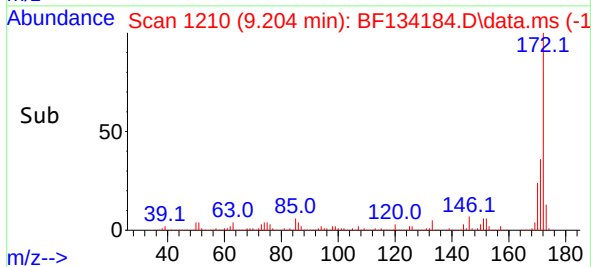
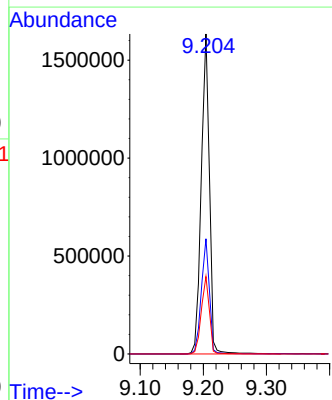
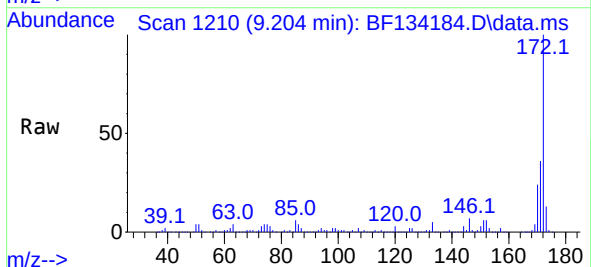


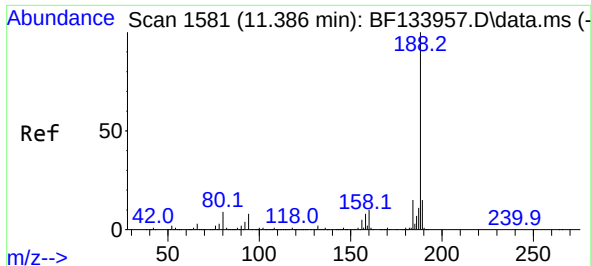
Tgt Ion:330 Resp: 427089
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 30.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 80.945 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

Tgt Ion:172 Resp: 1464714
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.2 19.4 29.0

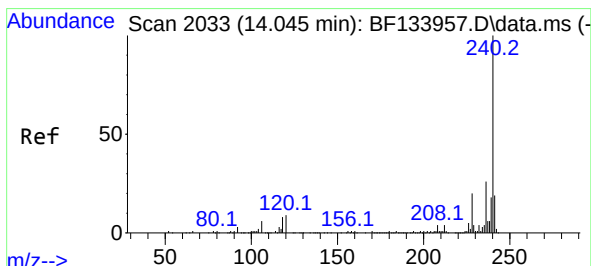
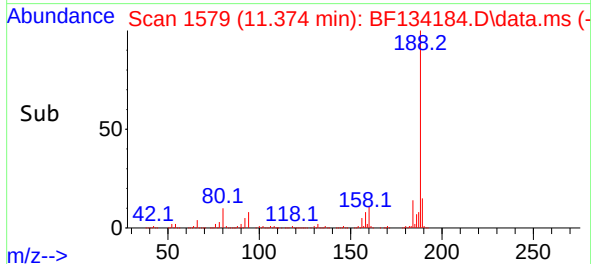
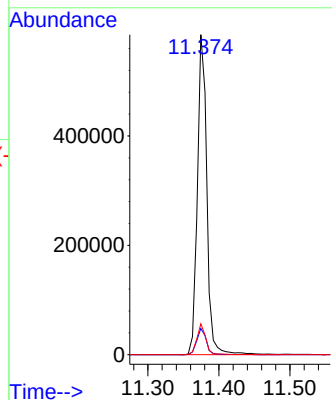
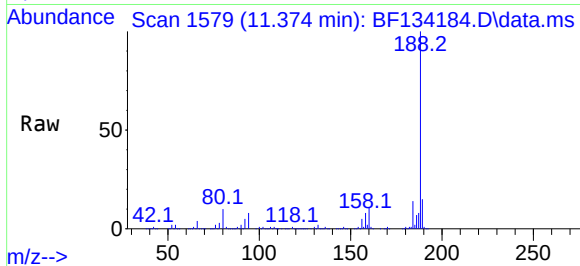




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

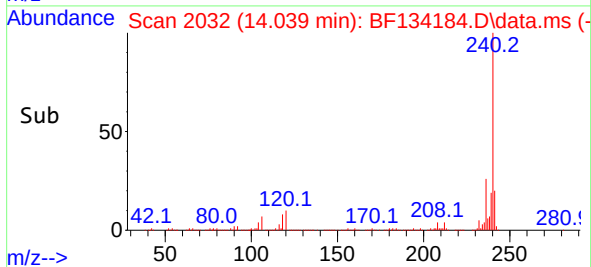
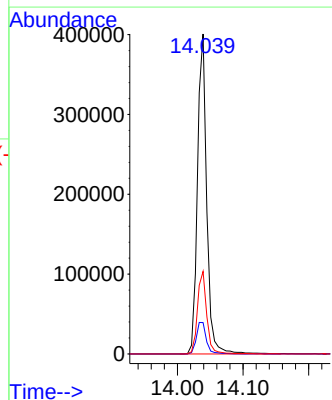
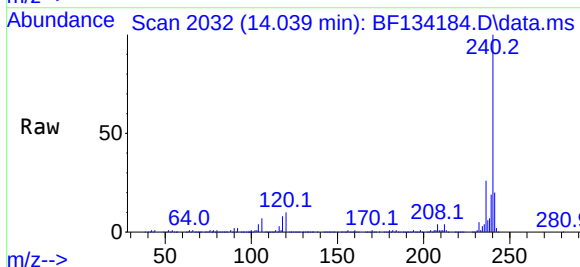
Instrument :
BNA_F
ClientSampleId :
PB154009BL

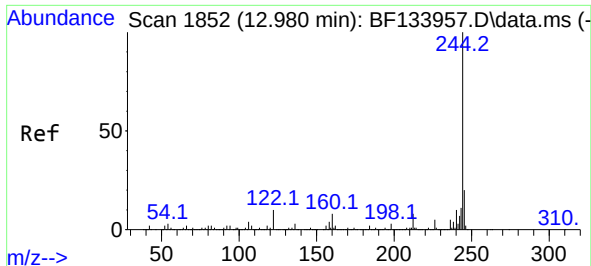
Tgt Ion:188 Resp: 542126
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.7 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

Tgt Ion:240 Resp: 394171
Ion Ratio Lower Upper
240 100
120 9.8 7.4 11.0
236 25.8 21.0 31.6

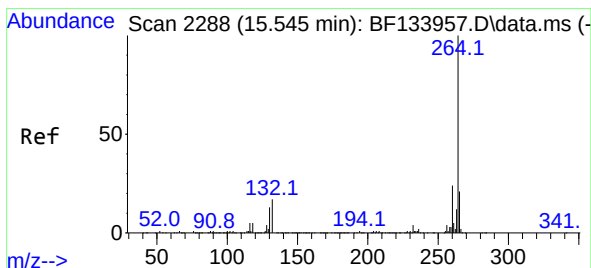
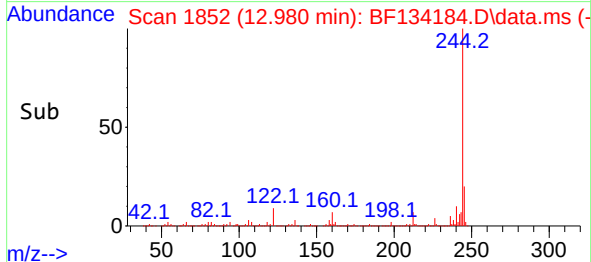
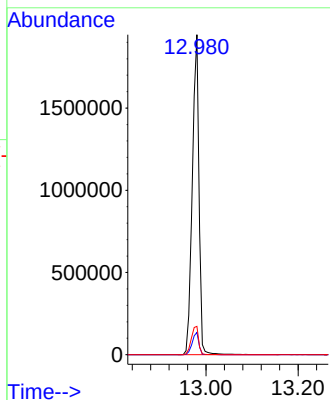
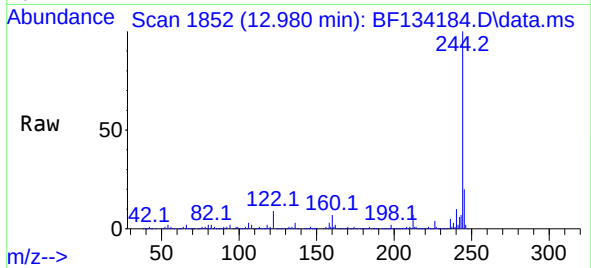




#79
 Terphenyl-d14
 Concen: 79.551 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134184.D
 Acq: 10 Jul 2023 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB154009BL

Tgt Ion:244 Resp: 1948326
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF134184.D
 Acq: 10 Jul 2023 13:54

Tgt Ion:264 Resp: 315744
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.1 16.6 25.0

