

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134164.D
 Acq On : 09 Jul 2023 01:13
 Operator : CG\JU
 Sample : PB153791BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153791BL

Quant Time: Jul 09 04:18:25 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	138092	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	550988	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	284159	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	563256	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	340601	20.000	ng	-0.01
86) Perylene-d12	15.539	264	284503	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1319926	159.888	ng	0.01
7) Phenol-d6	6.492	99	1573838	155.021	ng	0.00
23) Nitrobenzene-d5	7.416	82	1108211	108.421	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	571565	160.426	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2024842	103.601	ng	0.00
79) Terphenyl-d14	12.980	244	2443382	115.455	ng	0.00

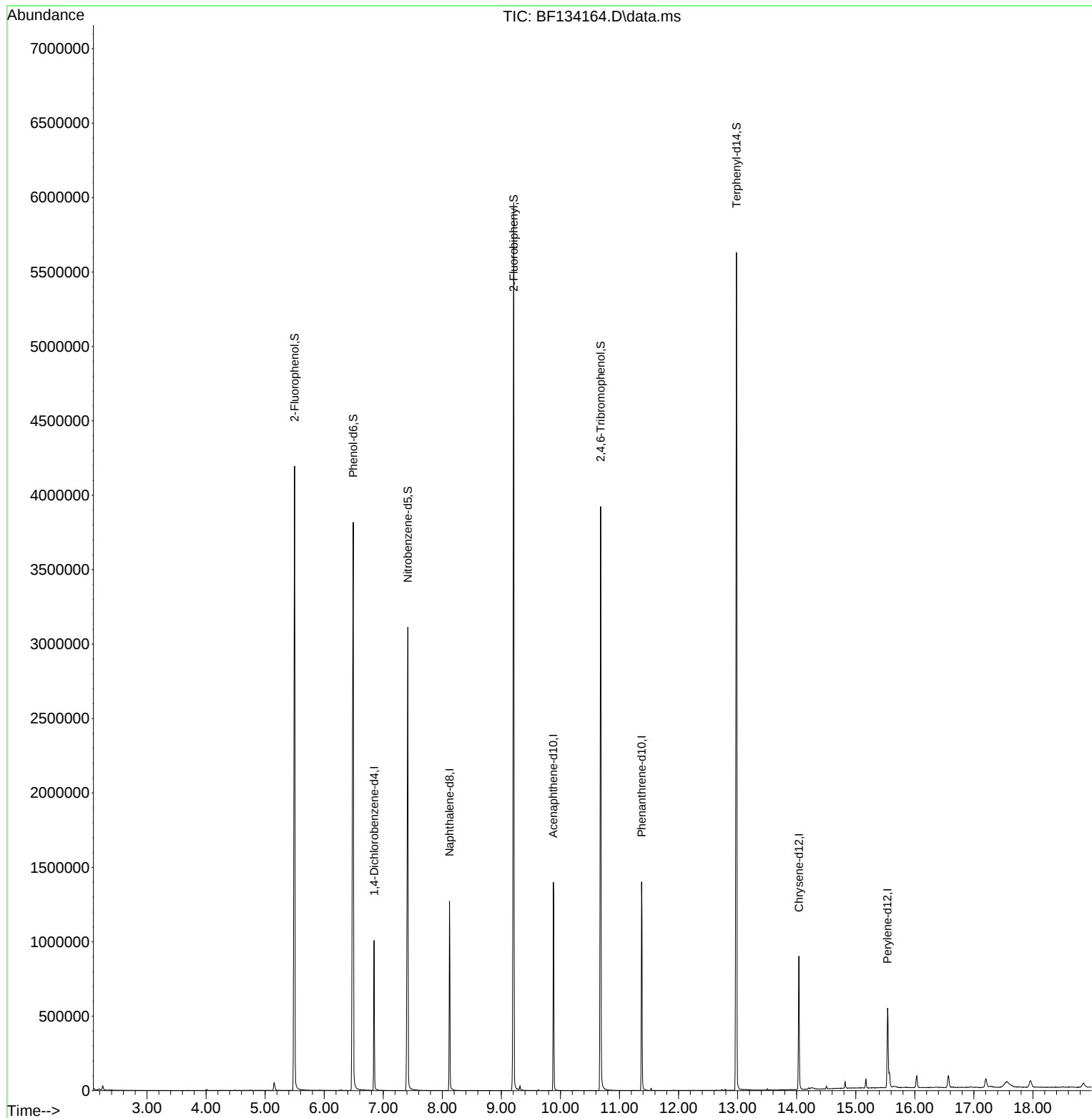
Target Compounds	Qvalue

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

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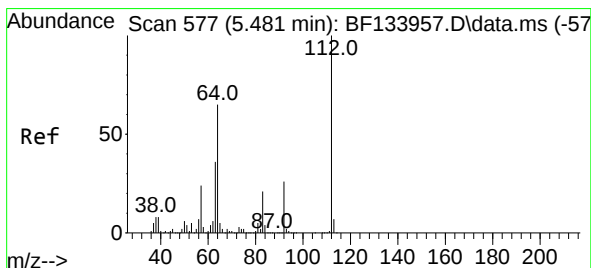
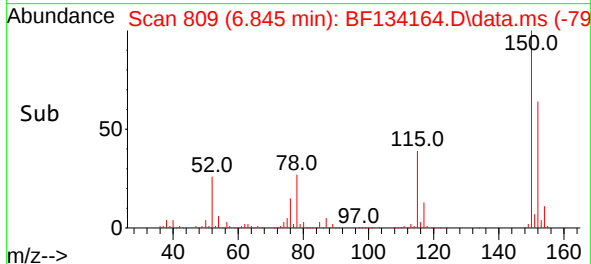
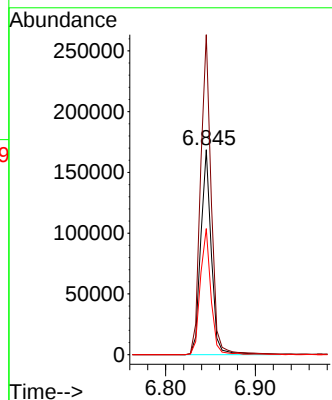
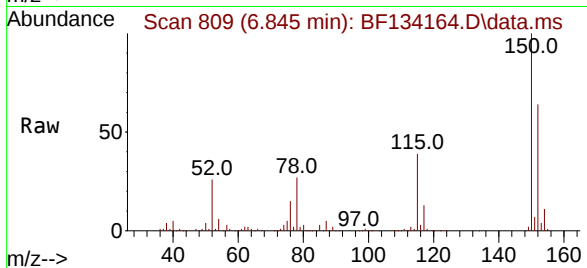




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

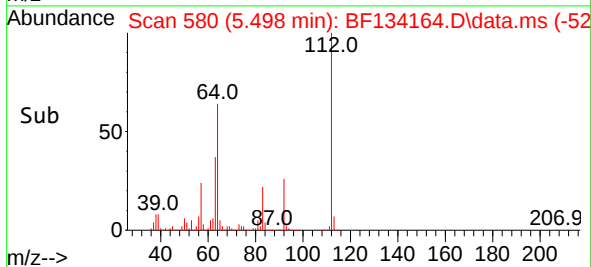
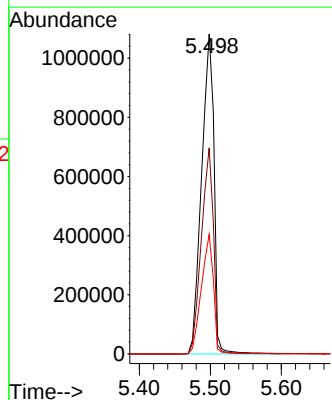
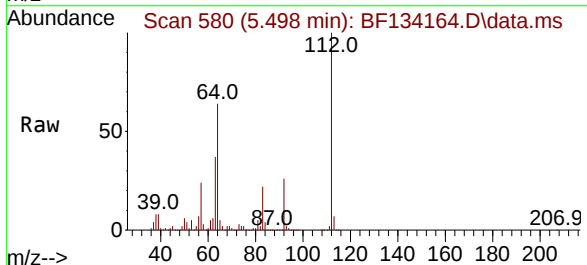
Instrument :
BNA_F
ClientSampleId :
PB153791BL

Tgt Ion:152 Resp: 138092
Ion Ratio Lower Upper
152 100
150 156.1 124.5 186.7
115 61.5 50.2 75.2



#5
2-Fluorophenol
Concen: 159.888 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

Tgt Ion:112 Resp: 1319926
Ion Ratio Lower Upper
112 100
64 64.4 52.1 78.1
63 37.3 28.6 42.8

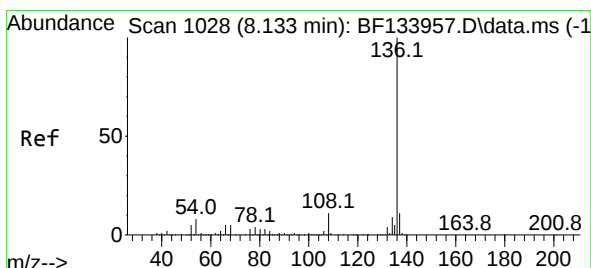
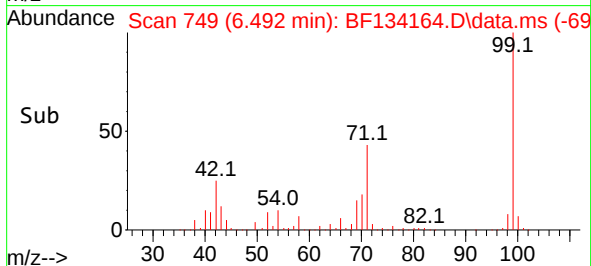
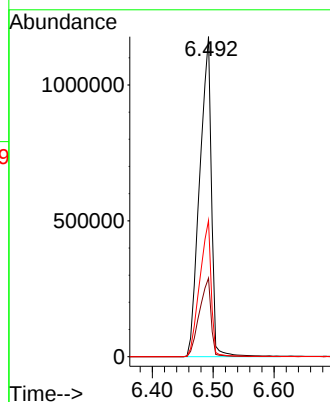
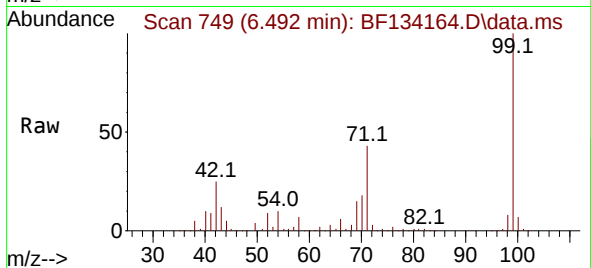




#7
Phenol-d6
Concen: 155.021 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

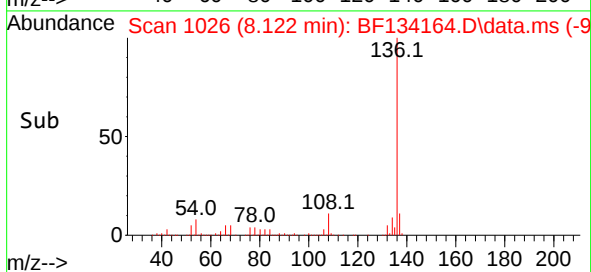
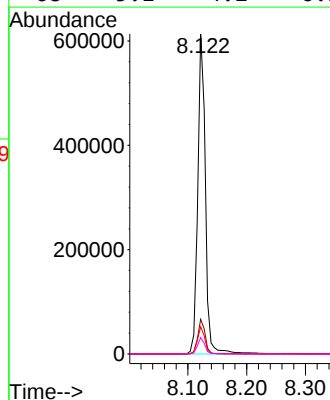
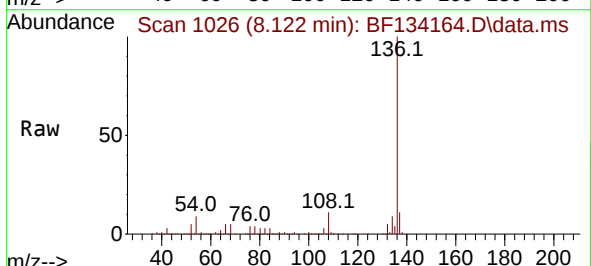
Instrument :
BNA_F
ClientSampleId :
PB153791BL

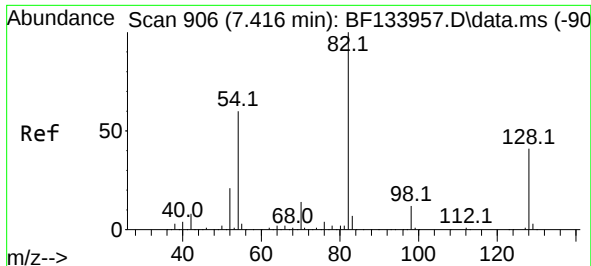
Tgt Ion: 99 Resp: 1573838
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.6
71 42.6 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

Tgt Ion: 136 Resp: 550988
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.5 6.5 9.7
68 5.1 4.2 6.2



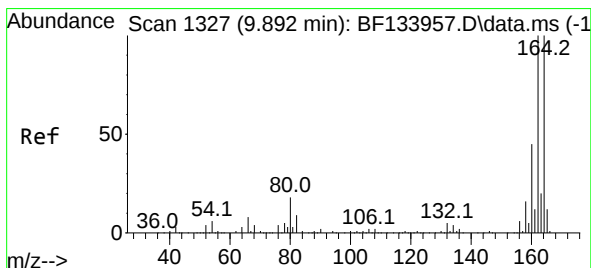
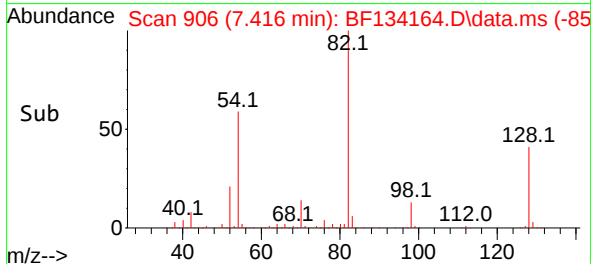
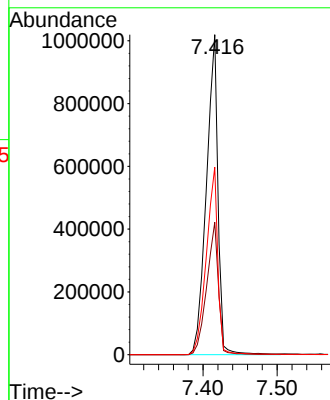
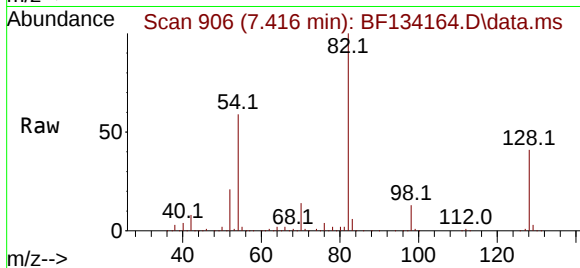


#23
 Nitrobenzene-d5
 Concen: 108.421 ng
 RT: 7.416 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF134164.D
 Acq: 09 Jul 2023 01:13

Instrument :
 BNA_F
 ClientSampleId :
 PB153791BL

Tgt Ion: 82 Resp: 1108211

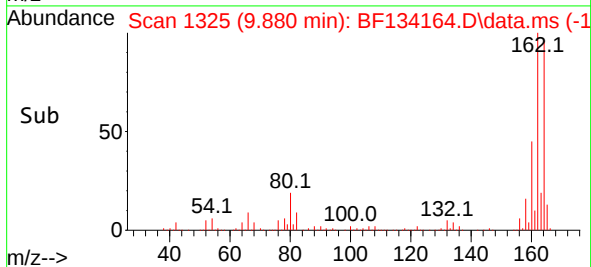
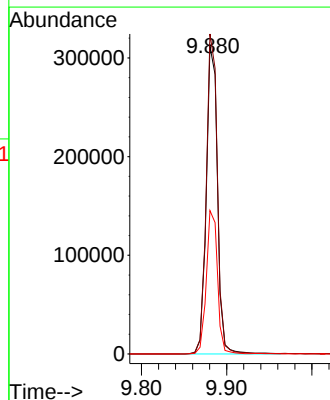
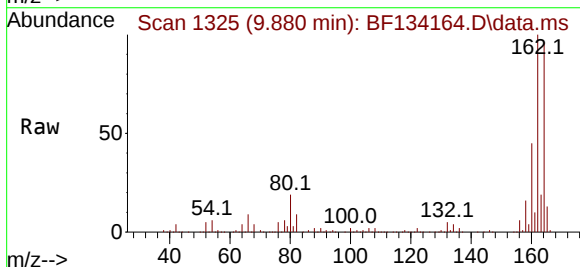
Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.5	48.7
54	58.6	48.2	72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.880 min Scan# 1325
 Delta R.T. -0.012 min
 Lab File: BF134164.D
 Acq: 09 Jul 2023 01:13

Tgt Ion:164 Resp: 284159

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.0	120.0
160	46.6	35.9	53.9

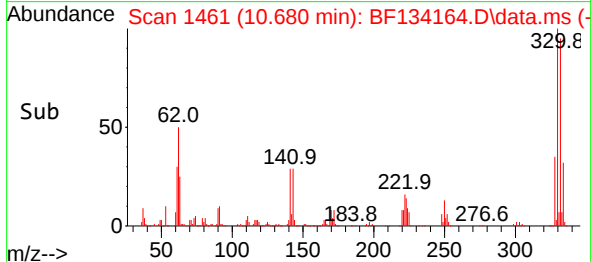
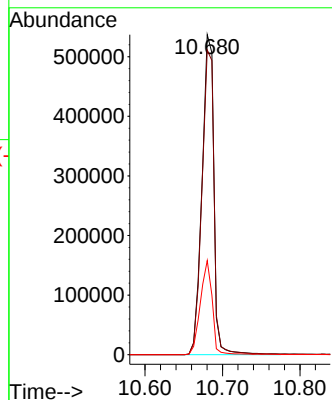
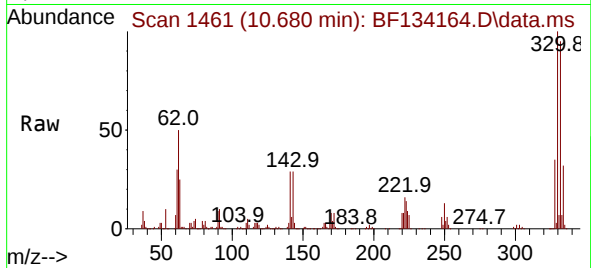




#42
 2,4,6-Tribromophenol
 Concen: 160.426 ng
 RT: 10.680 min Scan# 1461
 Delta R.T. -0.006 min
 Lab File: BF134164.D
 Acq: 09 Jul 2023 01:13

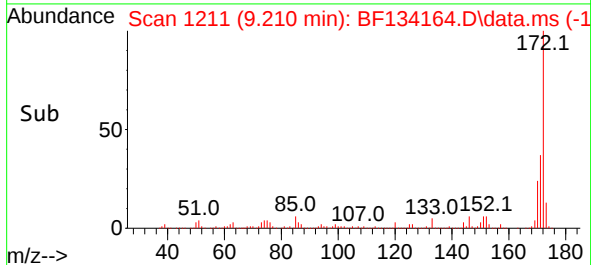
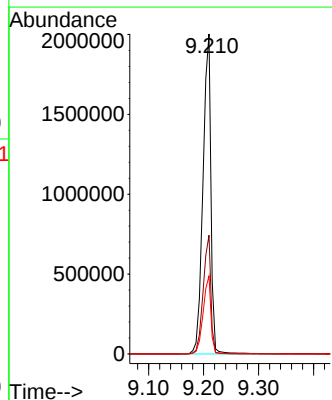
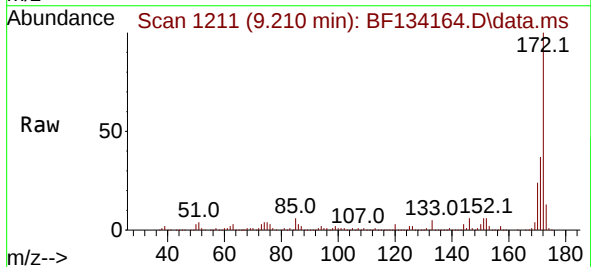
Instrument :
 BNA_F
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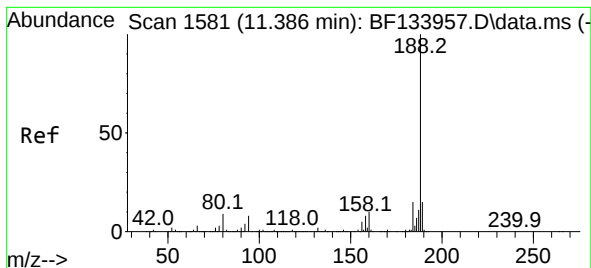
Tgt Ion:330 Resp: 571565
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 29.6 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 103.601 ng
 RT: 9.210 min Scan# 1211
 Delta R.T. -0.000 min
 Lab File: BF134164.D
 Acq: 09 Jul 2023 01:13

Tgt Ion:172 Resp: 2024842
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.6 43.0
 170 24.3 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134164.D

Acq: 09 Jul 2023 01:13

Instrument :

BNA_F

ClientSampleId :

PB153791BL

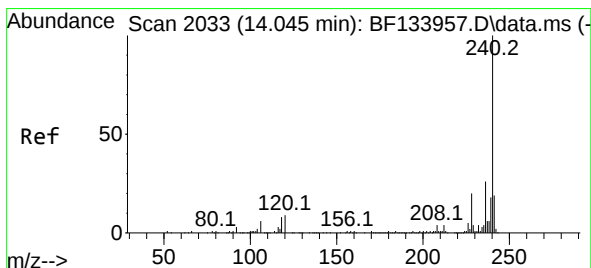
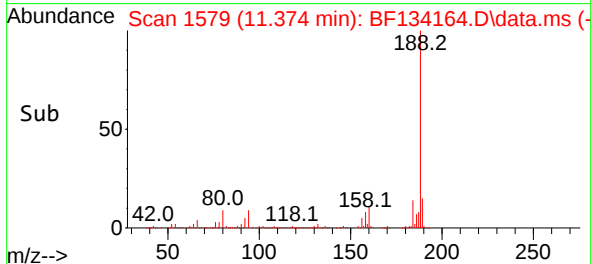
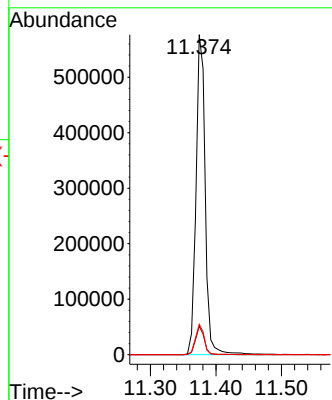
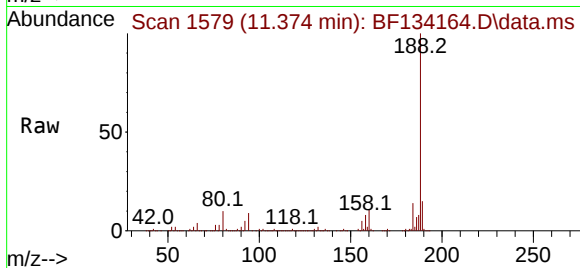
Tgt Ion:188 Resp: 563256

Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 9.5 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: BF134164.D

Acq: 09 Jul 2023 01:13

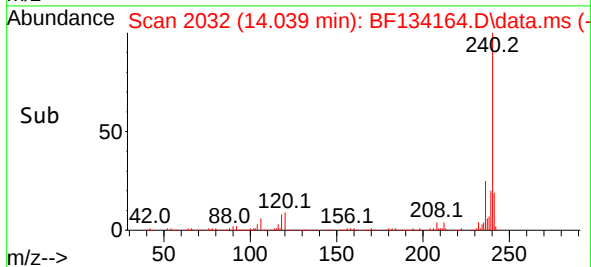
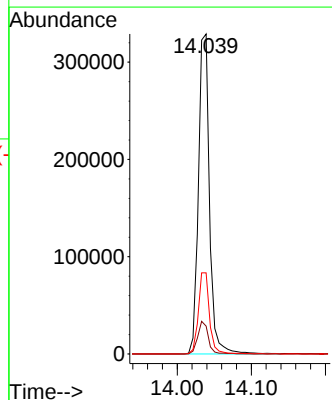
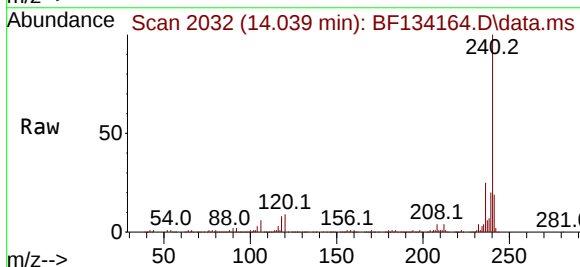
Tgt Ion:240 Resp: 340601

Ion Ratio Lower Upper

240 100

120 8.7 7.4 11.0

236 25.4 21.0 31.6

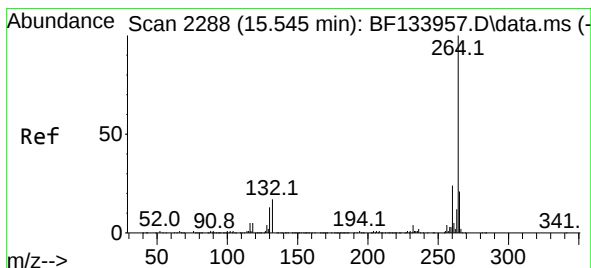
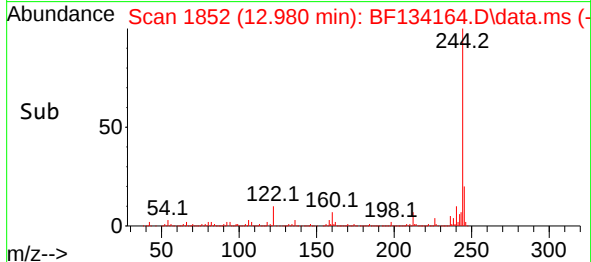
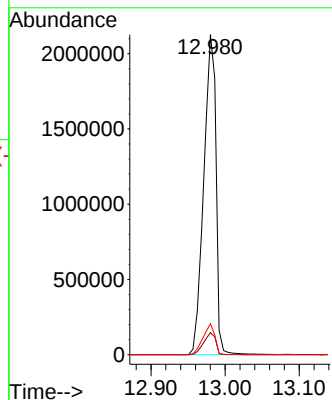
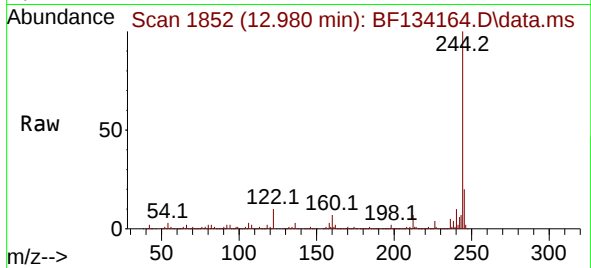




#79
 Terphenyl-d14
 Concen: 115.455 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134164.D
 Acq: 09 Jul 2023 01:13

Instrument :
 BNA_F
 ClientSampleId :
 PB153791BL

Tgt Ion:244 Resp: 2443382
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134164.D
 Acq: 09 Jul 2023 01:13

Tgt Ion:264 Resp: 284503
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.5 16.6 25.0

