

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134165.D
 Acq On : 09 Jul 2023 01:45
 Operator : CG\JU
 Sample : PB153669TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153669TB

Quant Time: Jul 09 04:18:46 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	168756	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	686022	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	374818	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	765568	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	443503	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	388126	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1379790	136.770	ng	0.01
7) Phenol-d6	6.492	99	1689233	136.154	ng	0.00
23) Nitrobenzene-d5	7.416	82	1196864	94.046	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	650719	138.467	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2199580	85.320	ng	0.00
79) Terphenyl-d14	12.980	244	2807219	101.871	ng	0.00

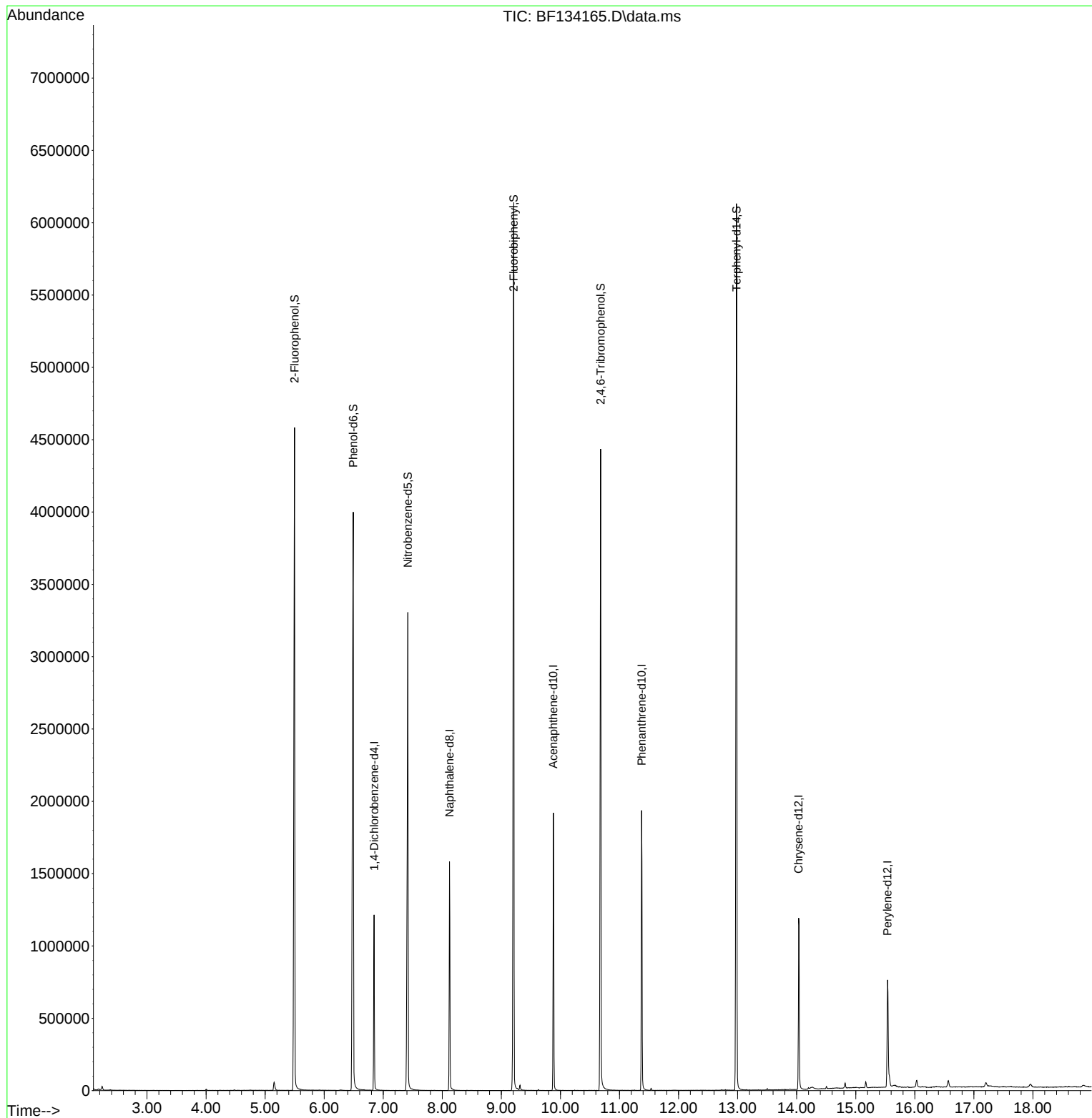
Target Compounds	Qvalue

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

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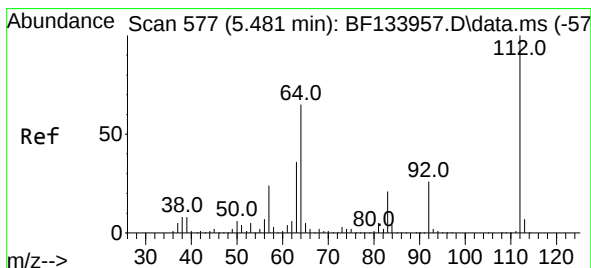
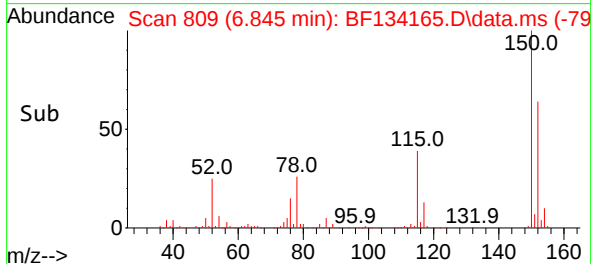
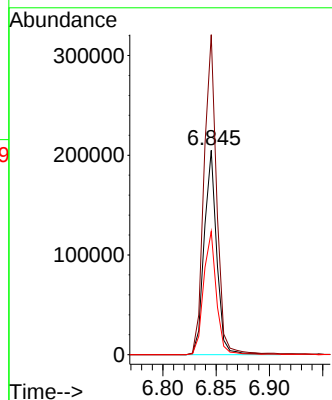
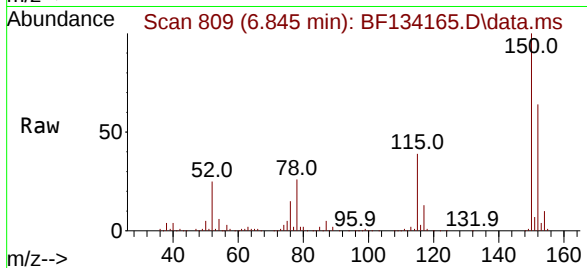




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45

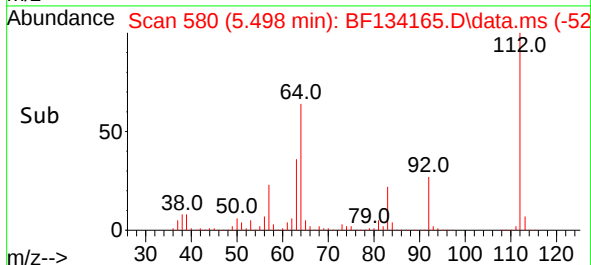
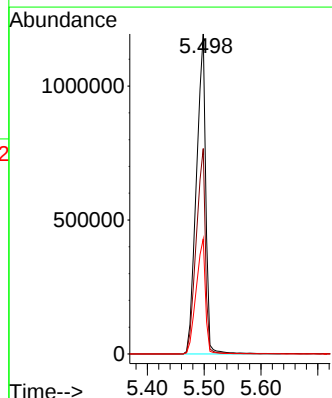
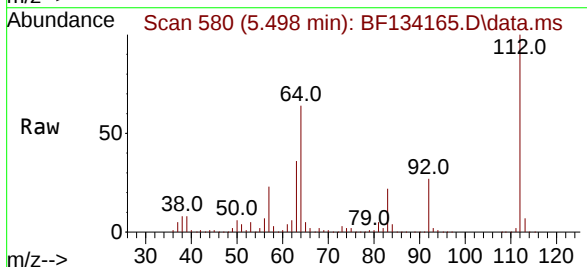
Instrument :
BNA_F
ClientSampleId :
PB153669TB

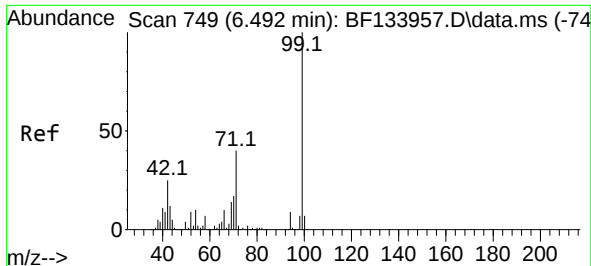
Tgt Ion:152 Resp: 168756
Ion Ratio Lower Upper
152 100
150 156.6 124.5 186.7
115 60.3 50.2 75.2



#5
2-Fluorophenol
Concen: 136.770 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45

Tgt Ion:112 Resp: 1379790
Ion Ratio Lower Upper
112 100
64 64.2 52.1 78.1
63 36.0 28.6 42.8



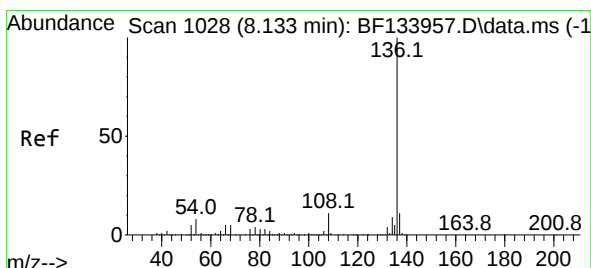
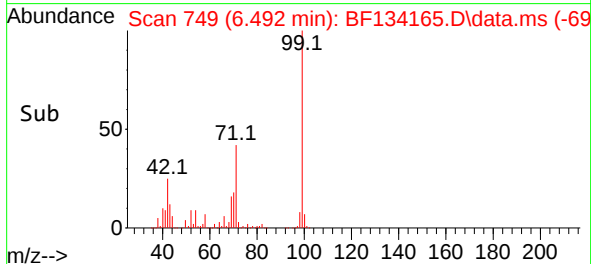
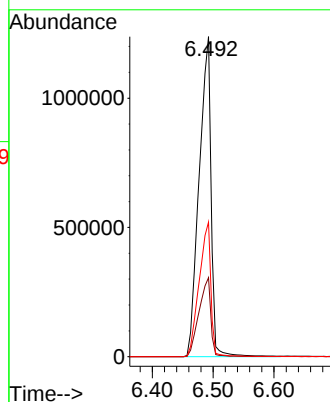
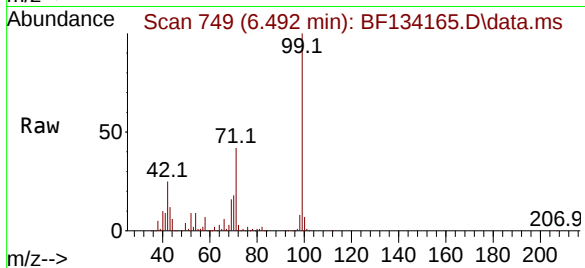


#7
Phenol-d6
Concen: 136.154 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45

Instrument :
BNA_F
ClientSampleId :
PB153669TB

Tgt Ion: 99 Resp: 1689233

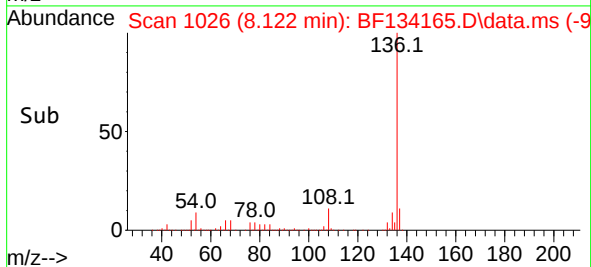
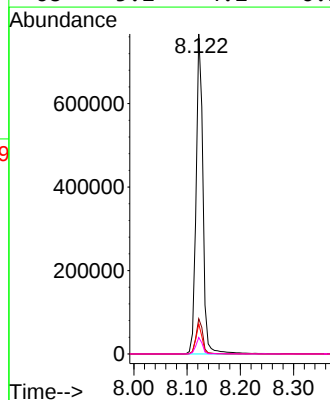
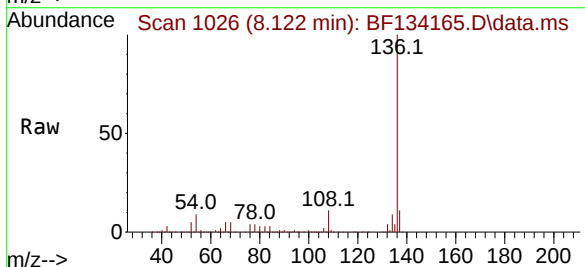
Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.8	29.6
71	42.0	31.9	47.9

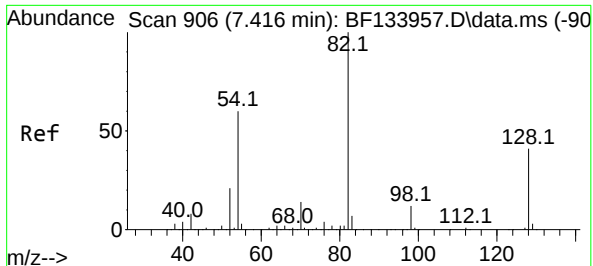


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45

Tgt Ion: 136 Resp: 686022

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.4	6.5	9.7
68	5.2	4.2	6.2





#23

Nitrobenzene-d5

Concen: 94.046 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134165.D

Acq: 09 Jul 2023 01:45

Instrument :

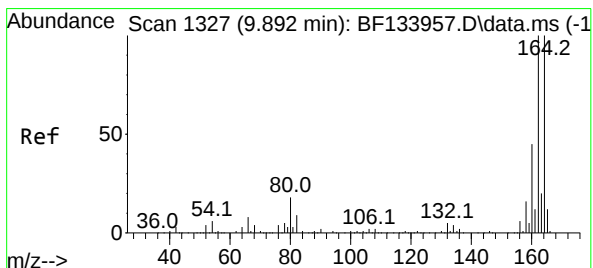
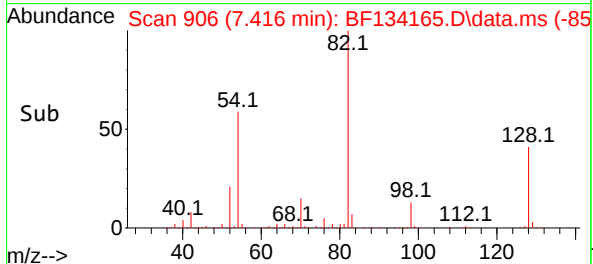
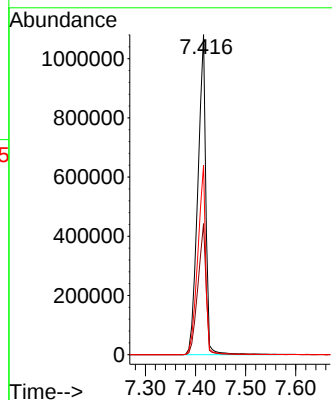
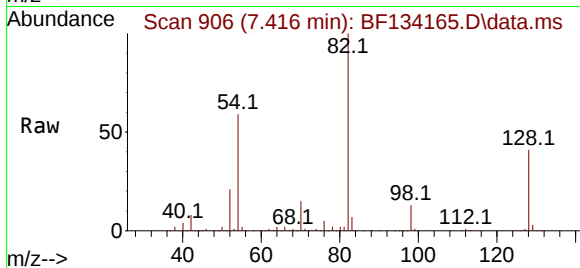
BNA_F

ClientSampleId :

PB153669TB

Tgt Ion: 82 Resp: 1196864

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.5	48.7
54	59.3	48.2	72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

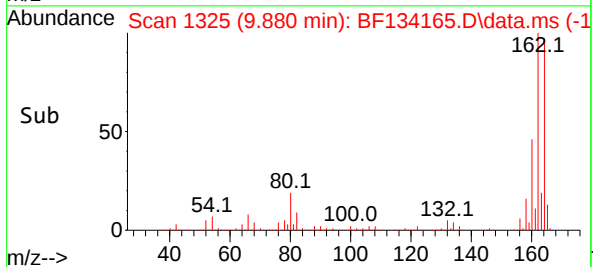
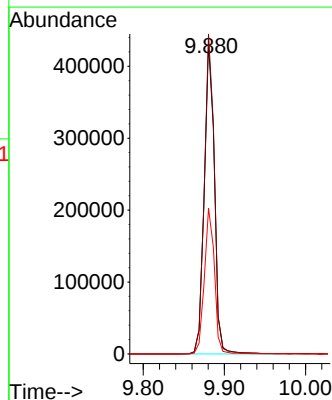
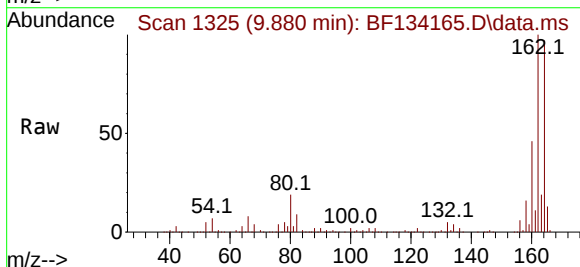
Delta R.T. -0.012 min

Lab File: BF134165.D

Acq: 09 Jul 2023 01:45

Tgt Ion: 164 Resp: 374818

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.0	120.0
160	46.9	35.9	53.9





#42

2,4,6-Tribromophenol

Concen: 138.467 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF134165.D

Acq: 09 Jul 2023 01:45

Instrument :

BNA_F

ClientSampleId :

PB153669TB

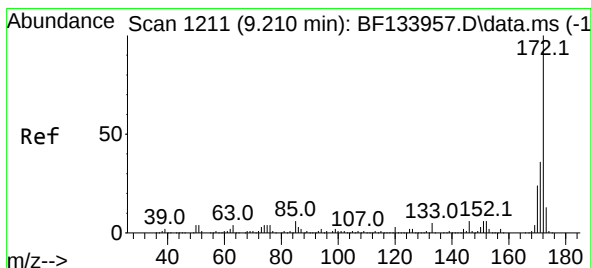
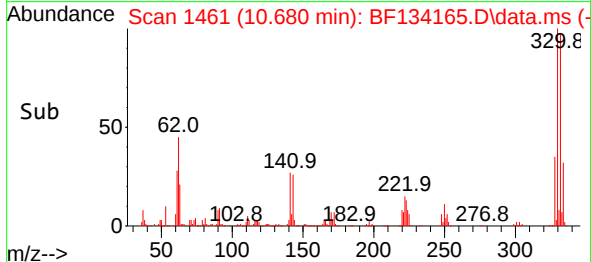
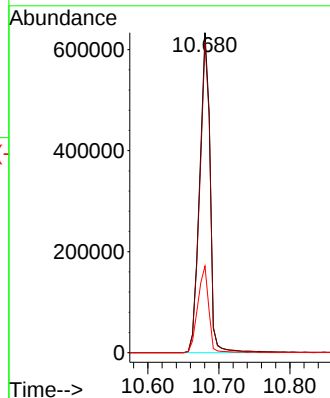
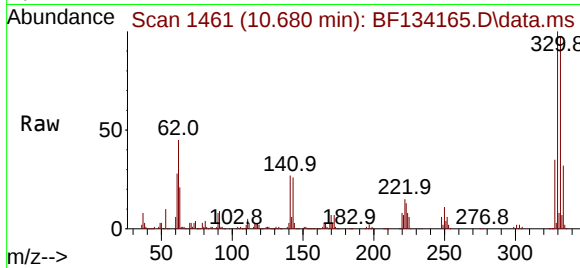
Tgt Ion:330 Resp: 650719

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

141 28.5 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 85.320 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF134165.D

Acq: 09 Jul 2023 01:45

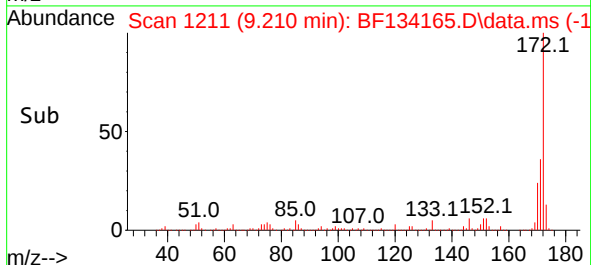
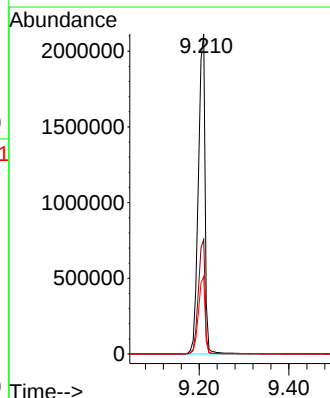
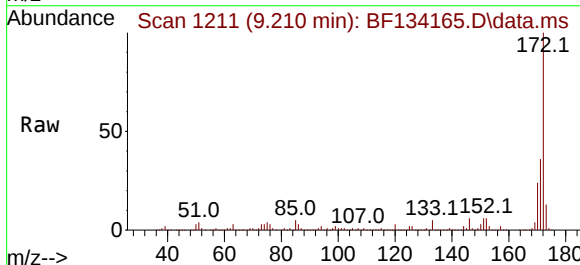
Tgt Ion:172 Resp: 2199580

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.2 19.4 29.0

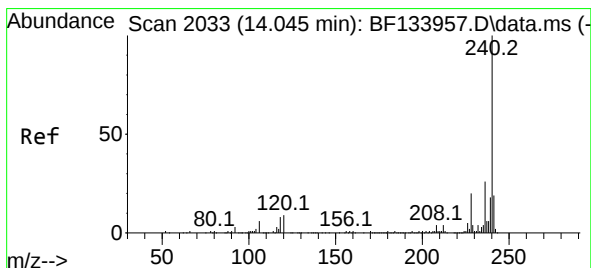
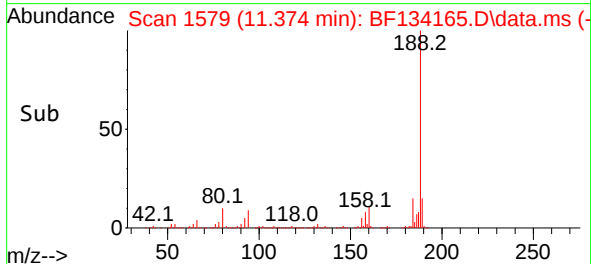
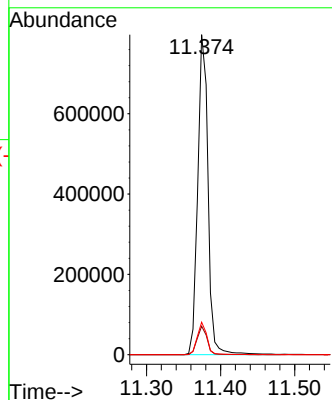
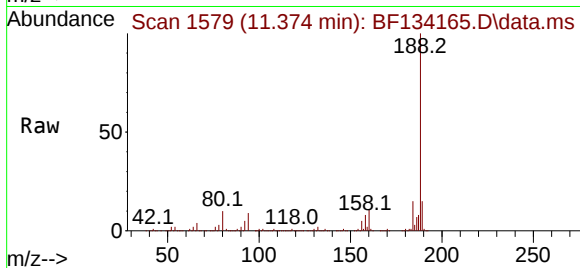




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45

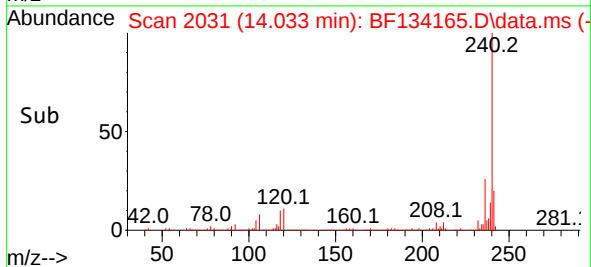
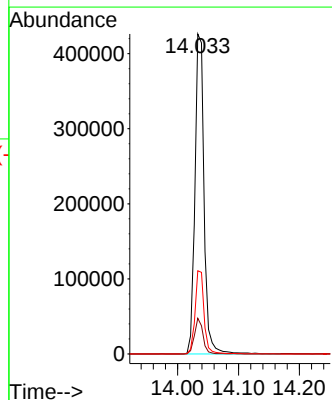
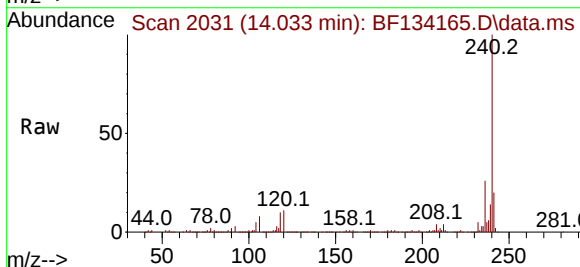
Instrument :
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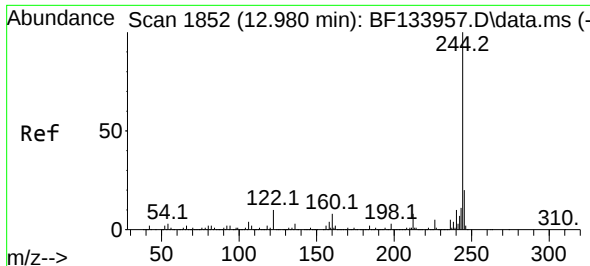
Tgt Ion:188 Resp: 765568
Ion Ratio Lower Upper
188 100
94 8.9 6.4 9.6
80 10.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45

Tgt Ion:240 Resp: 443503
Ion Ratio Lower Upper
240 100
120 11.2 7.4 11.0#
236 26.0 21.0 31.6

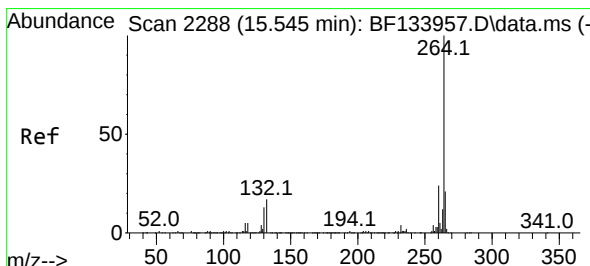
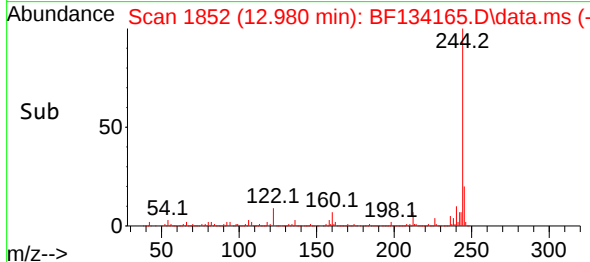
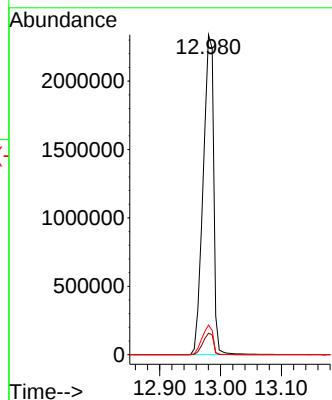
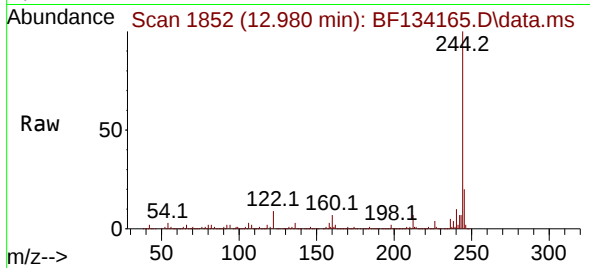




#79
 Terphenyl-d14
 Concen: 101.871 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134165.D
 Acq: 09 Jul 2023 01:45

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2807219
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 9.3 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: BF134165.D
 Acq: 09 Jul 2023 01:45

Tgt Ion:264 Resp: 388126
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.6 16.6 25.0

