

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133313.D
 Acq On : 09 May 2023 12:53
 Operator : CG\JU
 Sample : PB152670BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152670BL

Quant Time: May 10 02:02:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 02:02:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	252156	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1040790	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	562527	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1012062	20.000	ng	0.00
76) Chrysene-d12	13.874	240	652488	20.000	ng	0.00
86) Perylene-d12	15.292	264	516089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1911417	114.509	ng	0.02
7) Phenol-d6	6.369	99	2327911	112.358	ng	0.00
23) Nitrobenzene-d5	7.292	82	1450325	75.216	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	584064	103.241	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2372467	70.559	ng	0.00
79) Terphenyl-d14	12.833	244	2667346	70.504	ng	0.00

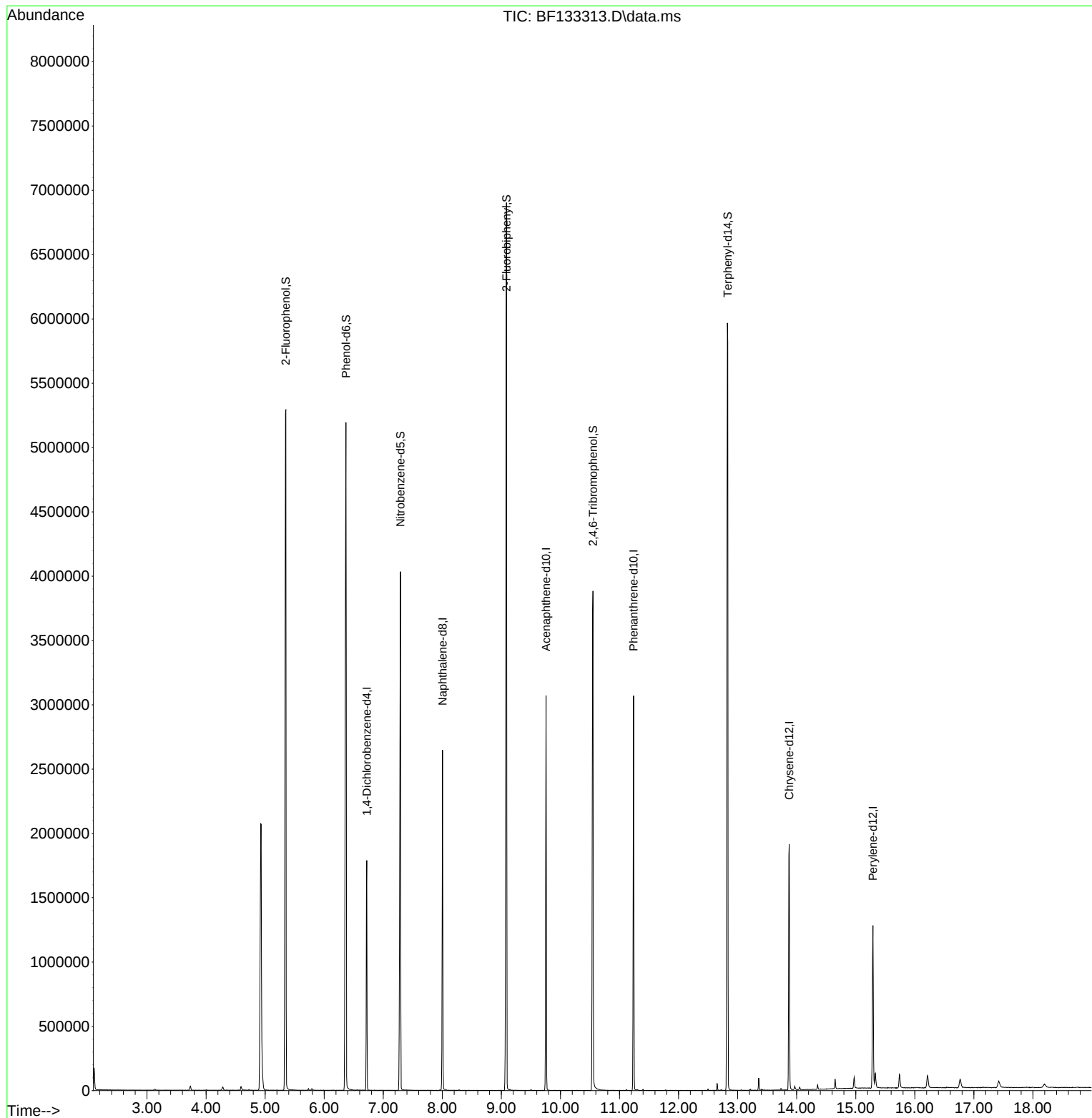
Target Compounds	Qvalue

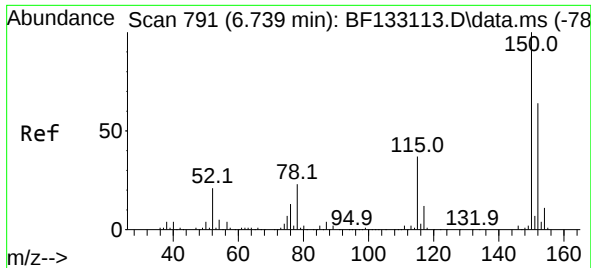
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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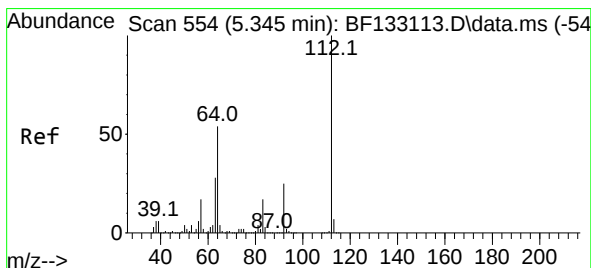
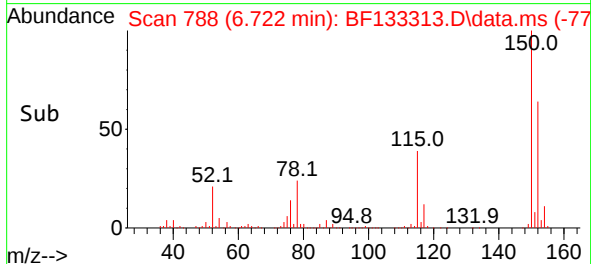
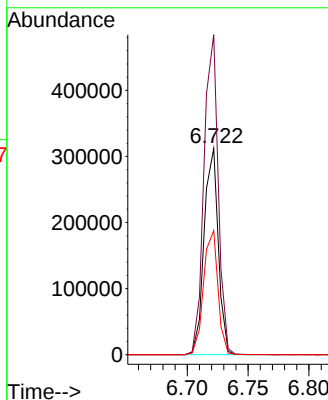
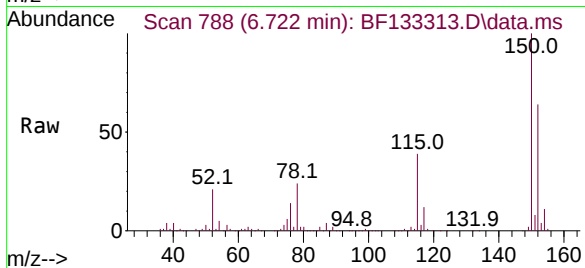




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133113.D
 Acq: 09 May 2023 12:53

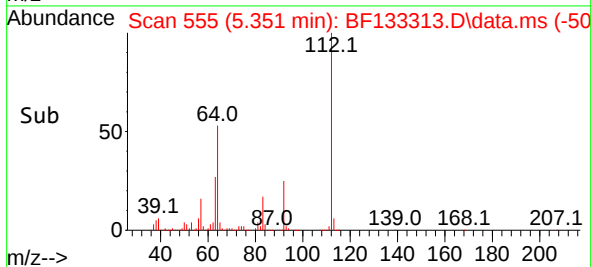
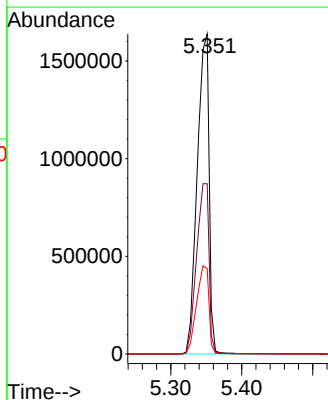
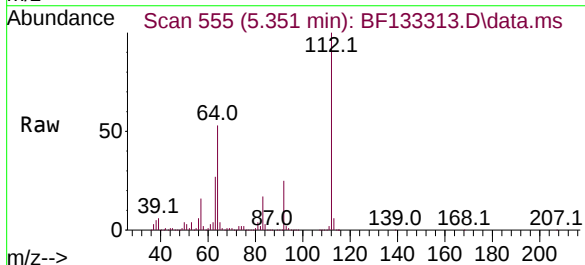
Instrument :
 BNA_F
 ClientSampleId :
 PB152670BL

Tgt Ion:152 Resp: 252156
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.8 187.2
 115 60.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 114.509 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.024 min
 Lab File: BF133113.D
 Acq: 09 May 2023 12:53

Tgt Ion:112 Resp: 1911417
 Ion Ratio Lower Upper
 112 100
 64 53.2 46.8 70.2
 63 26.7 23.8 35.8





#7

Phenol-d6

Concen: 112.358 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133113.D

Acq: 09 May 2023 12:53

Instrument :

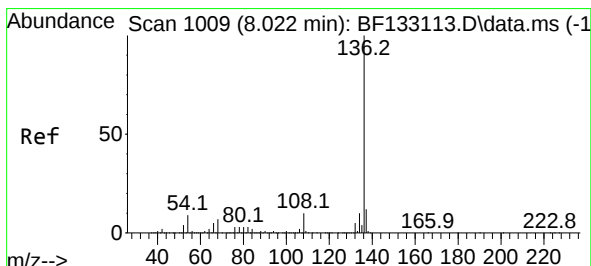
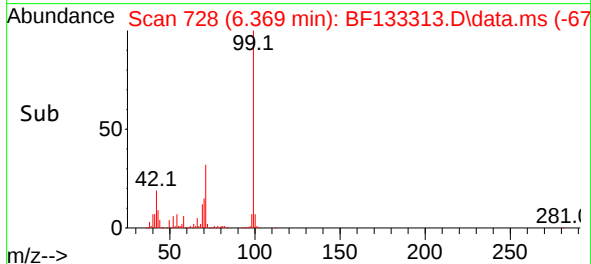
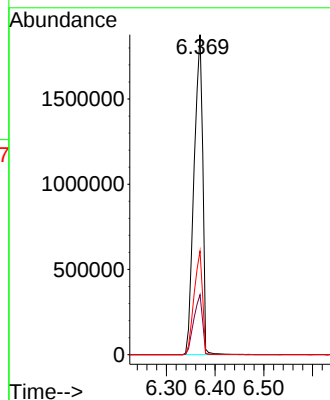
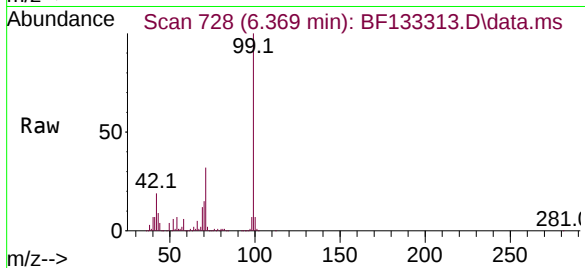
BNA_F

ClientSampleId :

PB152670BL

Tgt Ion: 99 Resp: 2327911

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.3	24.5
71	32.4	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1006

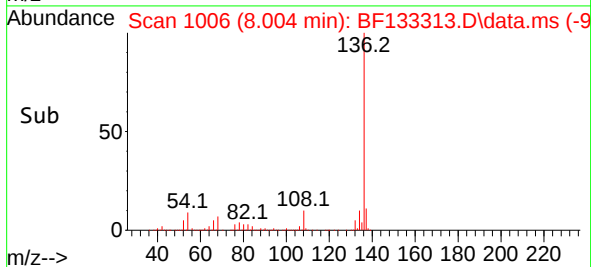
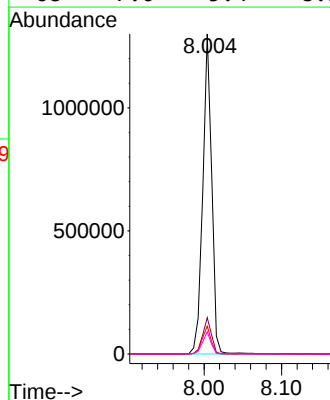
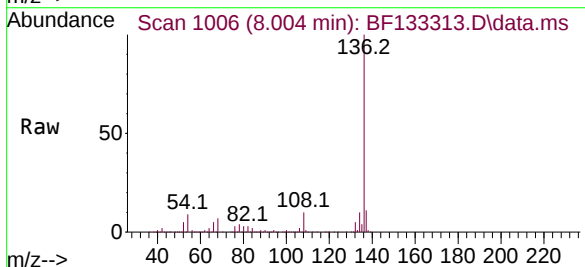
Delta R.T. -0.006 min

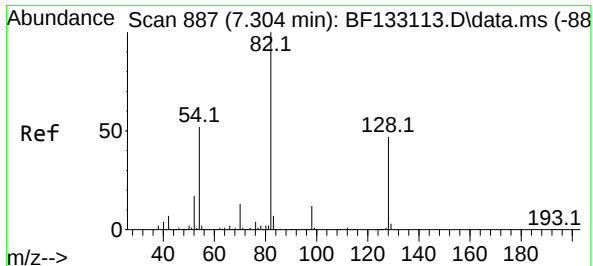
Lab File: BF133113.D

Acq: 09 May 2023 12:53

Tgt Ion: 136 Resp: 1040790

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.7	7.0	10.4
68	7.0	5.4	8.2





#23

Nitrobenzene-d5

Concen: 75.216 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133113.D

Acq: 09 May 2023 12:53

Instrument :

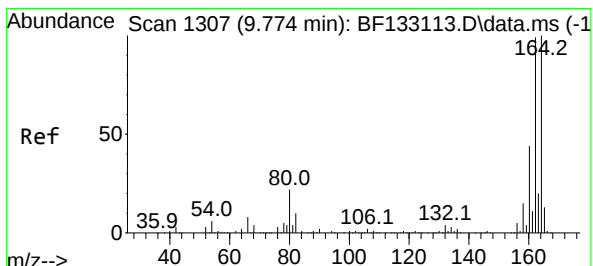
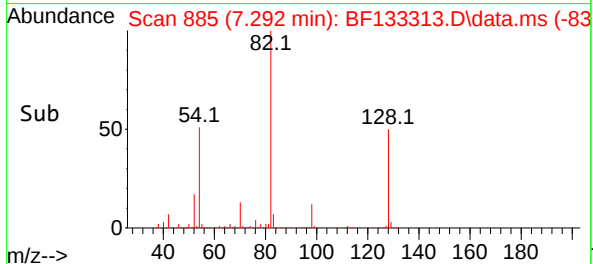
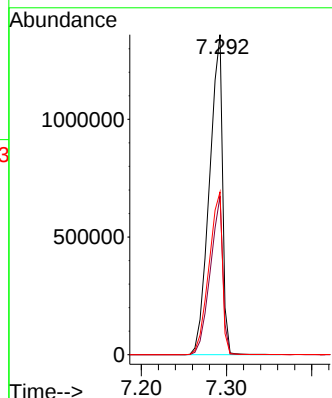
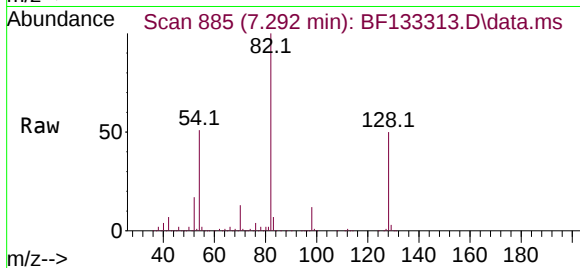
BNA_F

ClientSampleId :

PB152670BL

Tgt Ion: 82 Resp: 1450325

Ion	Ratio	Lower	Upper
82	100		
128	49.5	37.7	56.5
54	50.9	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

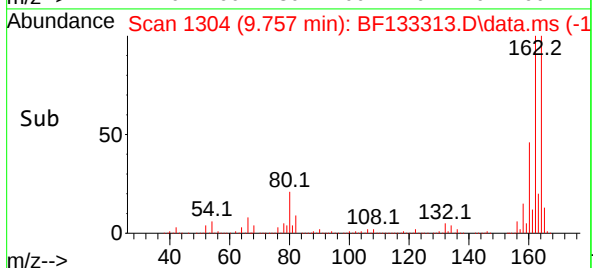
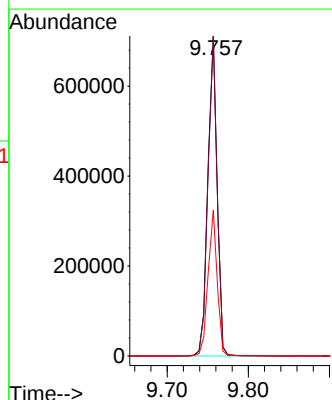
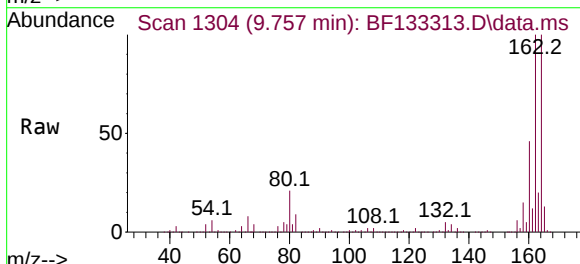
Delta R.T. -0.006 min

Lab File: BF133113.D

Acq: 09 May 2023 12:53

Tgt Ion: 164 Resp: 562527

Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.7	118.1
160	45.6	35.8	53.6

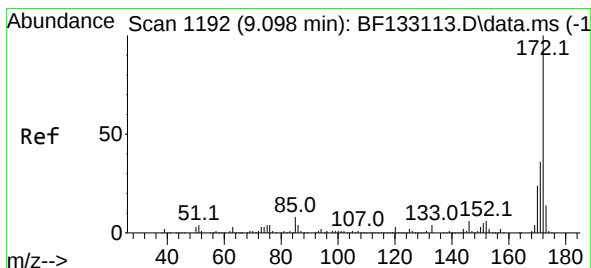
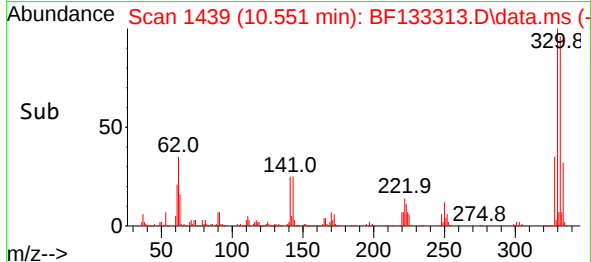
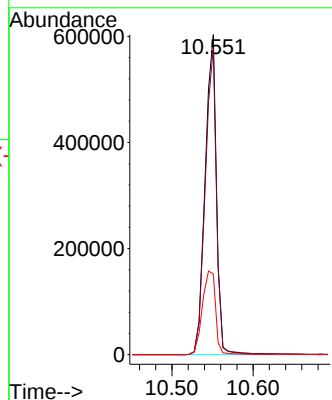
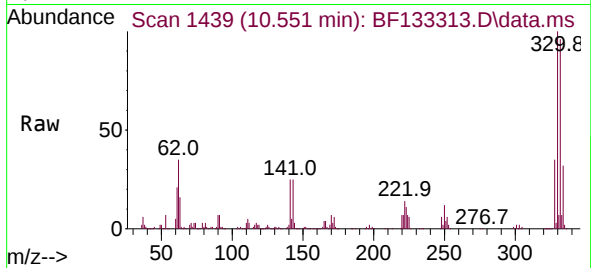




#42
2,4,6-Tribromophenol
Concen: 103.241 ng
RT: 10.551 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133113.D
Acq: 09 May 2023 12:53

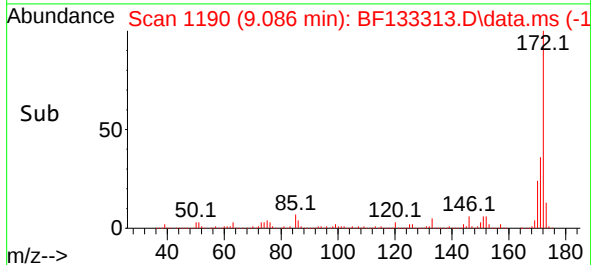
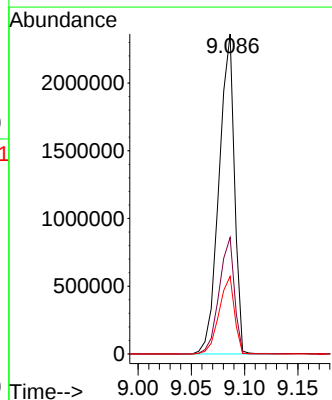
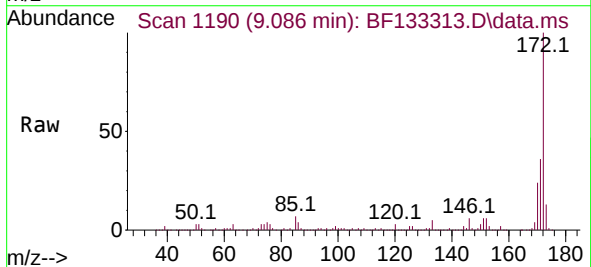
Instrument :
BNA_F
ClientSampleId :
PB152670BL

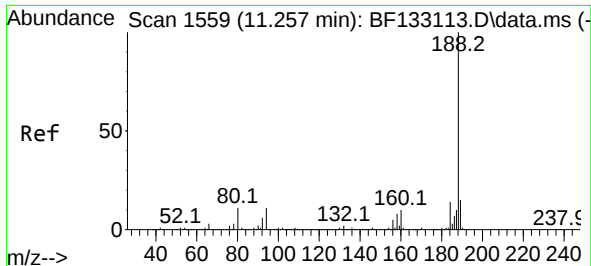
Tgt Ion: 330 Resp: 584064
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 30.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 70.559 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF133113.D
Acq: 09 May 2023 12:53

Tgt Ion: 172 Resp: 2372467
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.3 19.4 29.2

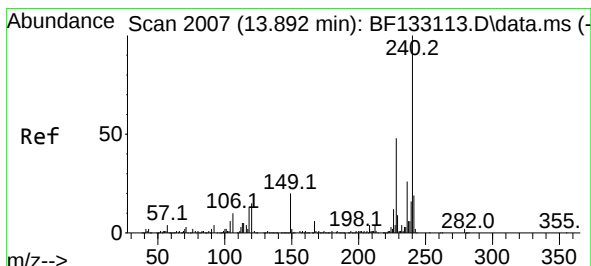
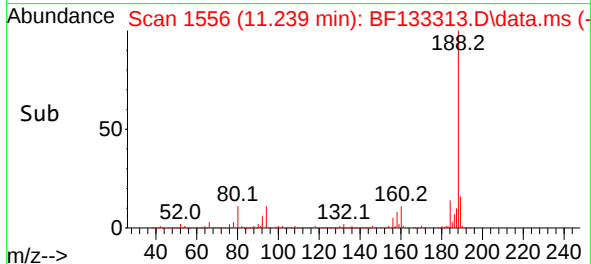
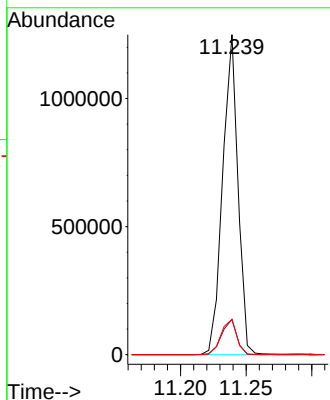
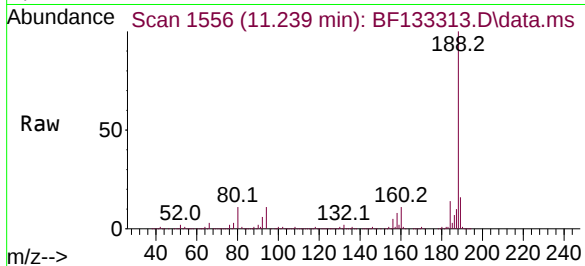




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

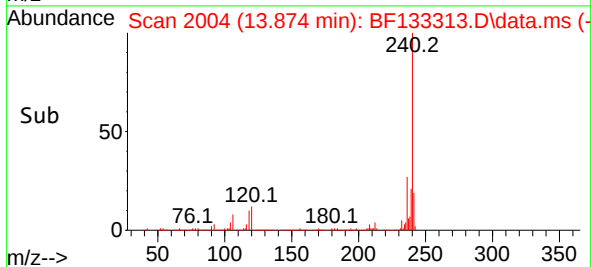
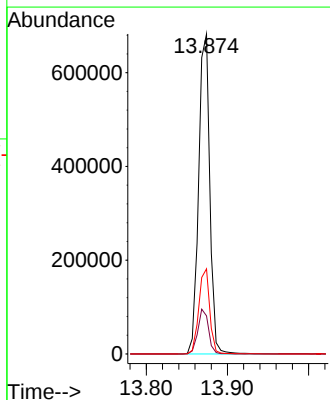
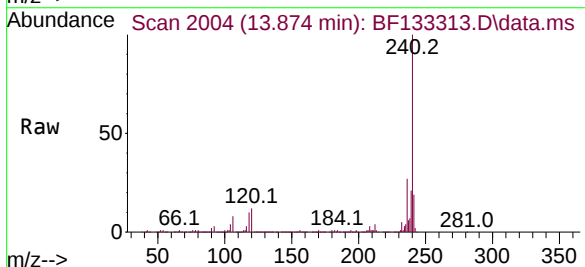
Instrument :
BNA_F
ClientSampleId :
PB152670BL

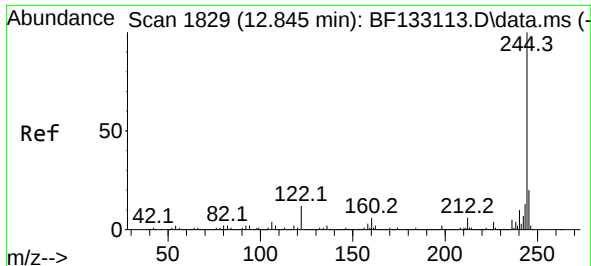
Tgt Ion:188 Resp: 1012062
Ion Ratio Lower Upper
188 100
94 11.1 9.7 14.5
80 11.0 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

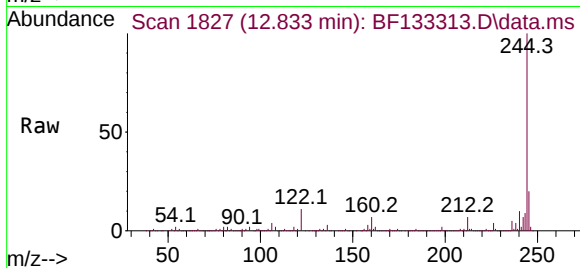
Tgt Ion:240 Resp: 652488
Ion Ratio Lower Upper
240 100
120 11.9 10.5 15.7
236 26.6 21.5 32.3



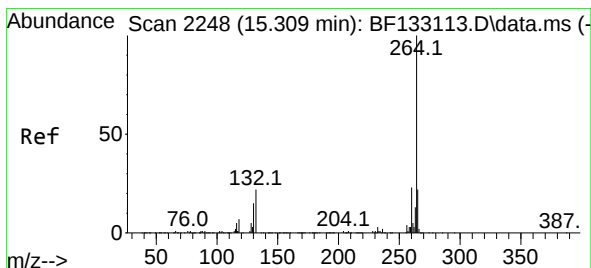
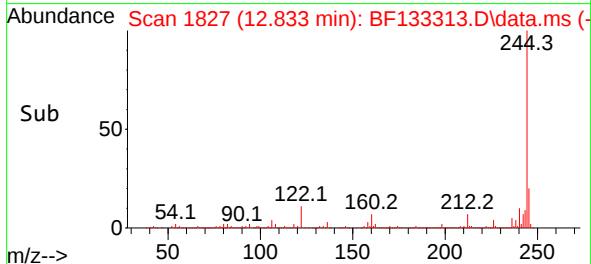
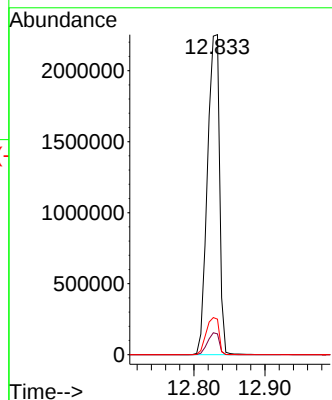


#79
 Terphenyl-d14
 Concen: 70.504 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133313.D
 Acq: 09 May 2023 12:53

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2667346
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF133313.D
 Acq: 09 May 2023 12:53

Tgt Ion:264 Resp: 516089
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.2 17.0 25.4

