

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133286.D
 Acq On : 06 May 2023 03:08
 Operator : CG\JU
 Sample : 02622-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2264

Quant Time: May 06 05:55:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	197834	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	784223	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	393994	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	571880	20.000	ng	0.00
76) Chrysene-d12	13.874	240	364178	20.000	ng	0.00
86) Perylene-d12	15.292	264	382949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1160836	88.638	ng	0.01
7) Phenol-d6	6.369	99	1420604	87.394	ng	0.00
23) Nitrobenzene-d5	7.292	82	841875	57.945	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	301629	76.124	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1406194	59.711	ng	0.00
79) Terphenyl-d14	12.827	244	1159114	54.893	ng	0.00

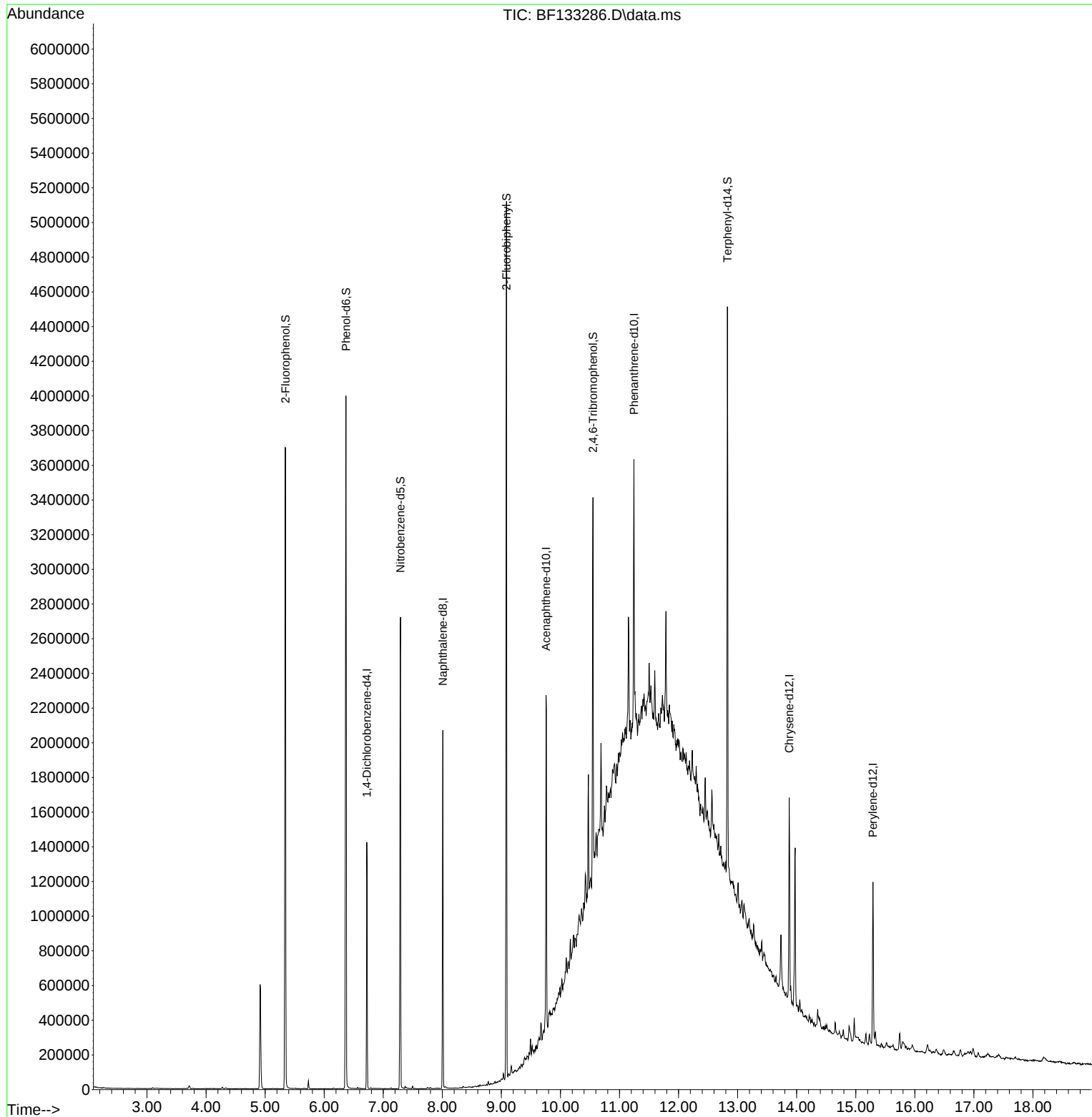
Target Compounds	Qvalue

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

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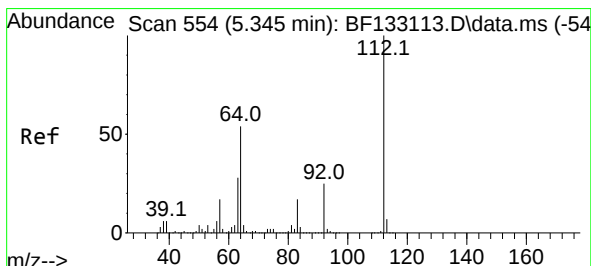
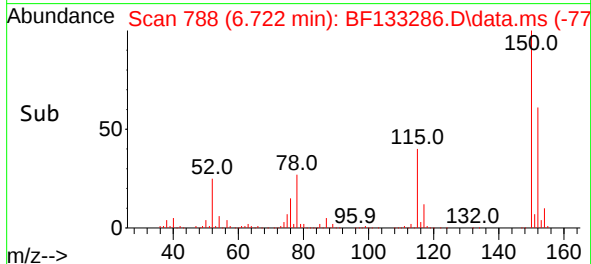
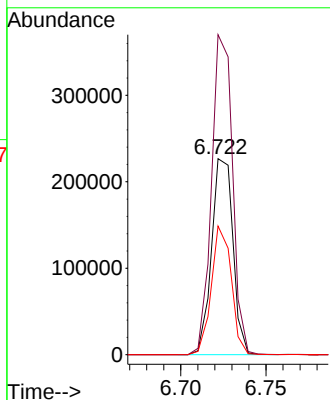
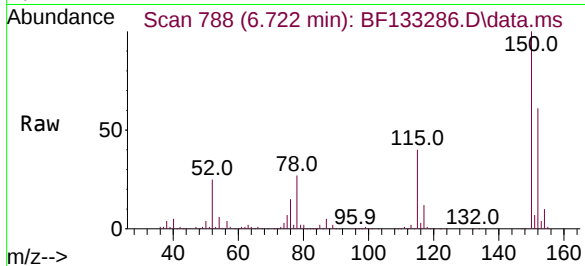




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133286.D
 Acq: 06 May 2023 03:08

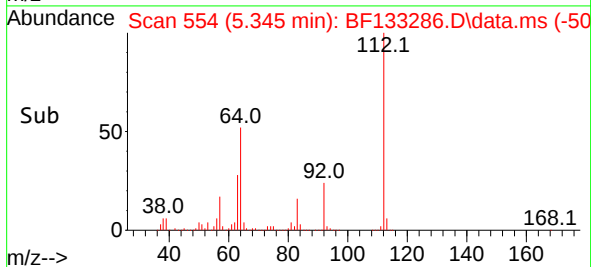
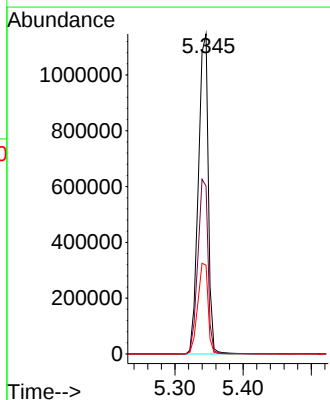
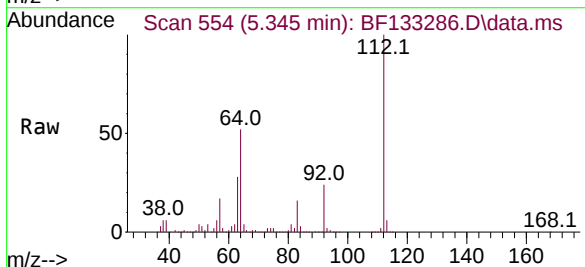
Instrument :
 BNA_F
 ClientSampleId :
 2264

Tgt Ion:152 Resp: 197834
 Ion Ratio Lower Upper
 152 100
 150 163.3 124.8 187.2
 115 65.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 88.638 ng
 RT: 5.345 min Scan# 554
 Delta R.T. 0.012 min
 Lab File: BF133286.D
 Acq: 06 May 2023 03:08

Tgt Ion:112 Resp: 1160836
 Ion Ratio Lower Upper
 112 100
 64 52.4 46.8 70.2
 63 27.8 23.8 35.8

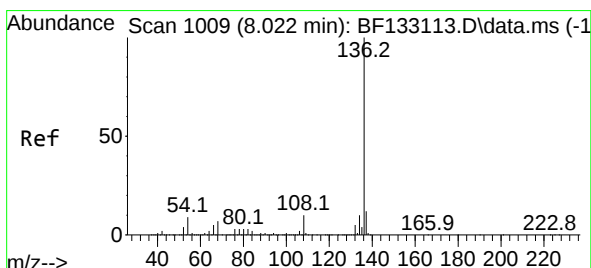
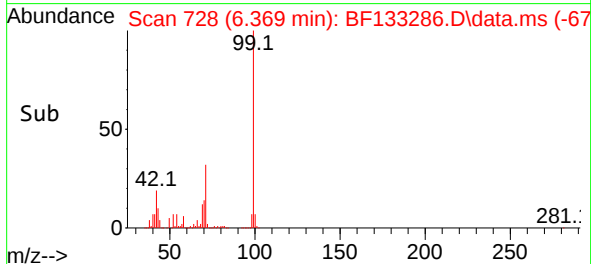
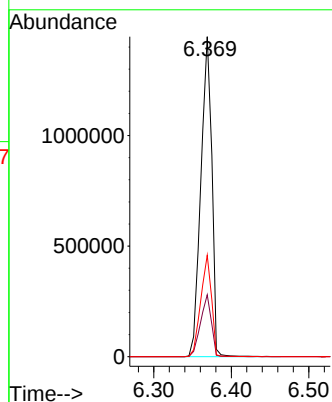
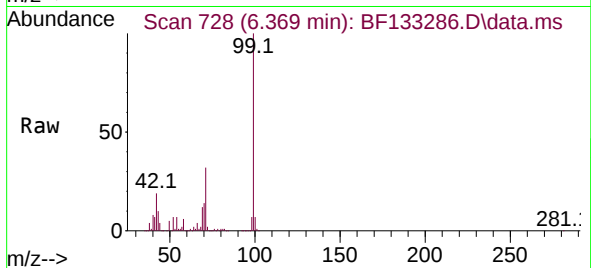




#7
Phenol-d6
Concen: 87.394 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

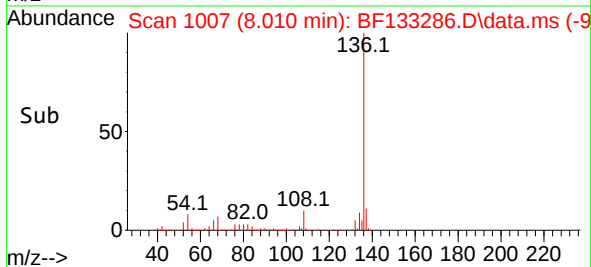
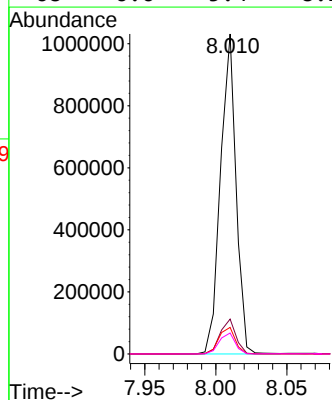
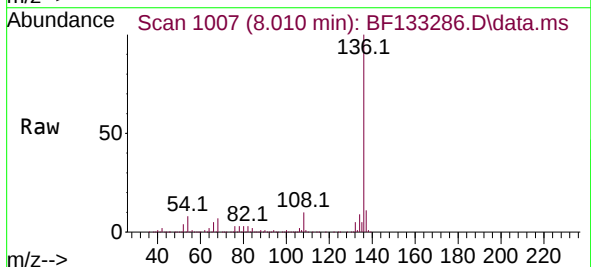
Instrument :
BNA_F
ClientSampleId :
2264

Tgt Ion: 99 Resp: 1420604
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 31.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

Tgt Ion: 136 Resp: 784223
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 7.0 10.4
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 57.945 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133286.D

Acq: 06 May 2023 03:08

Instrument :

BNA_F

ClientSampleId :

2264

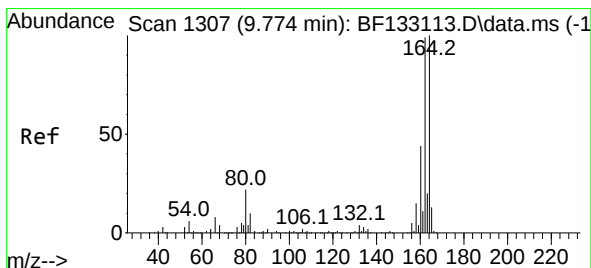
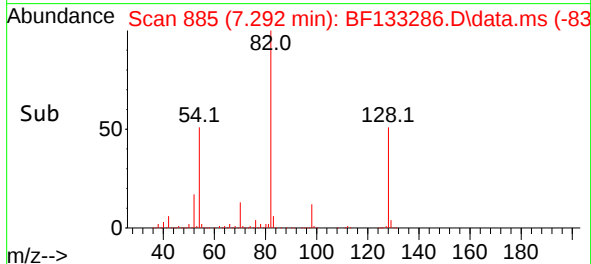
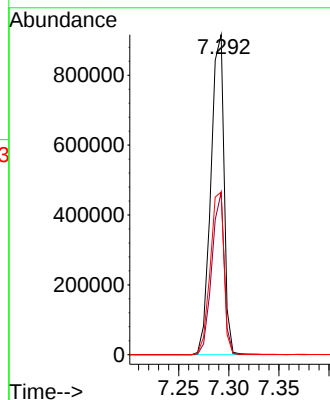
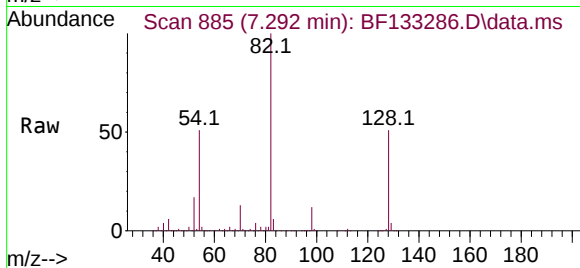
Tgt Ion: 82 Resp: 841875

Ion Ratio Lower Upper

82 100

128 50.6 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: BF133286.D

Acq: 06 May 2023 03:08

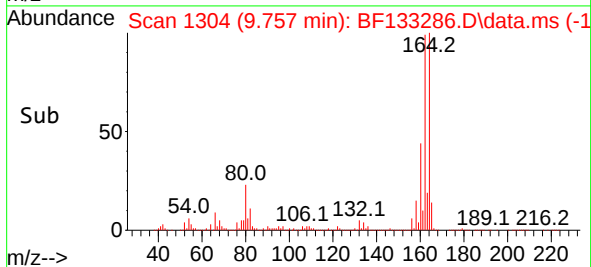
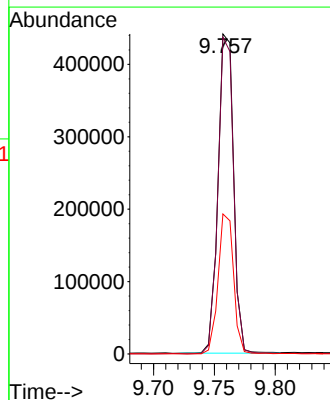
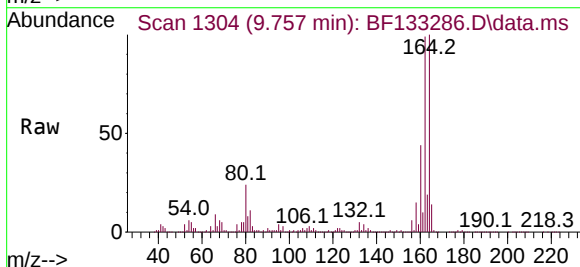
Tgt Ion: 164 Resp: 393994

Ion Ratio Lower Upper

164 100

162 99.0 78.7 118.1

160 43.7 35.8 53.6

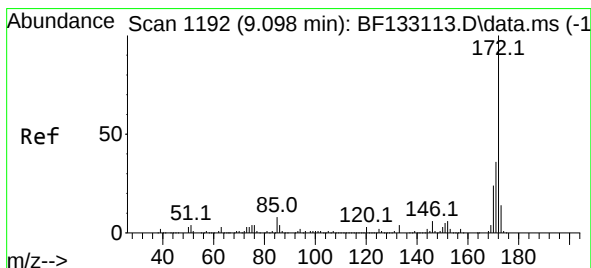
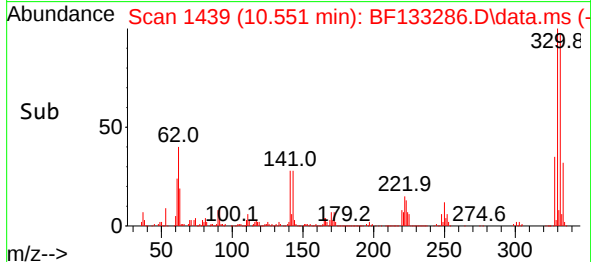
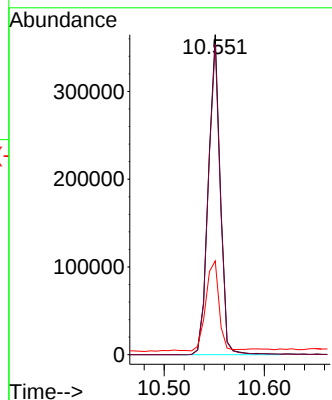
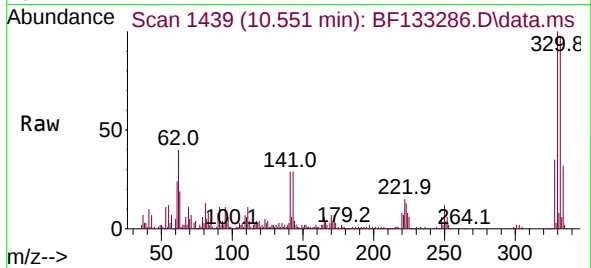




#42
2,4,6-Tribromophenol
Concen: 76.124 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

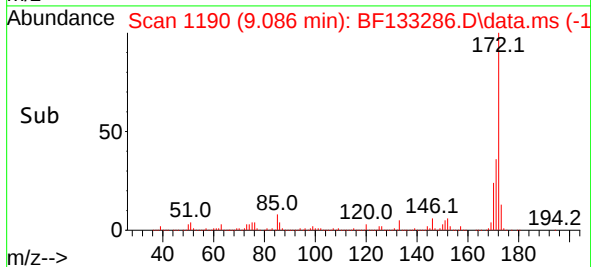
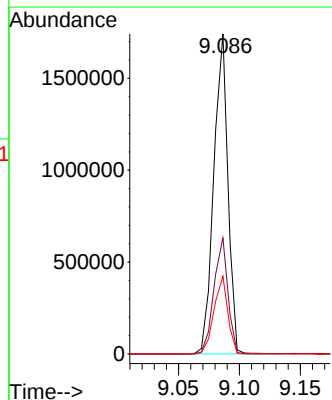
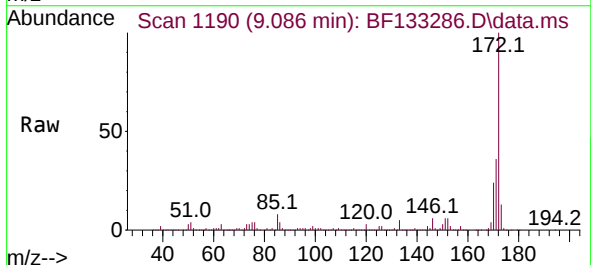
Instrument :
BNA_F
ClientSampleId :
2264

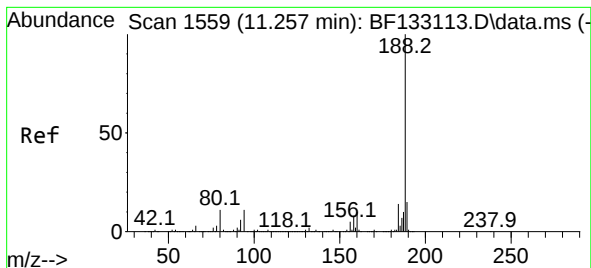
Tgt Ion:330 Resp: 301629
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 31.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 59.711 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

Tgt Ion:172 Resp: 1406194
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.3 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133286.D

Acq: 06 May 2023 03:08

Instrument :

BNA_F

ClientSampleId :

2264

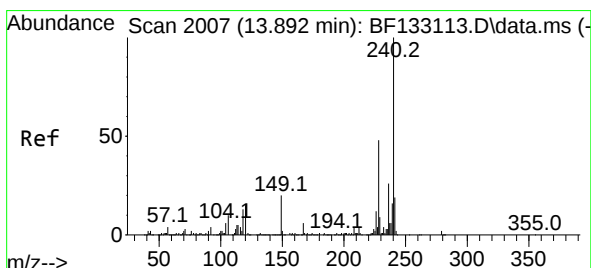
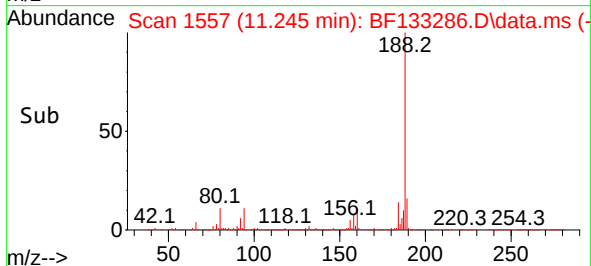
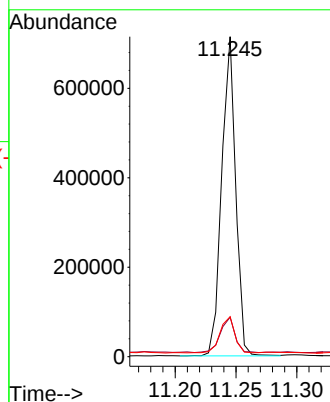
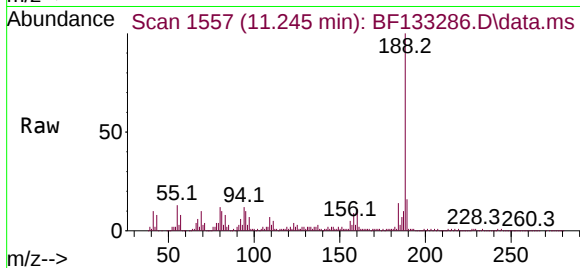
Tgt Ion:188 Resp: 571880

Ion Ratio Lower Upper

188 100

94 12.4 9.7 14.5

80 12.5 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: BF133286.D

Acq: 06 May 2023 03:08

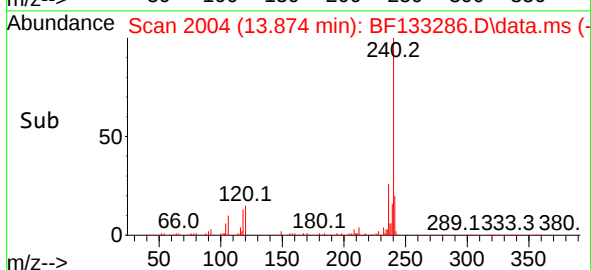
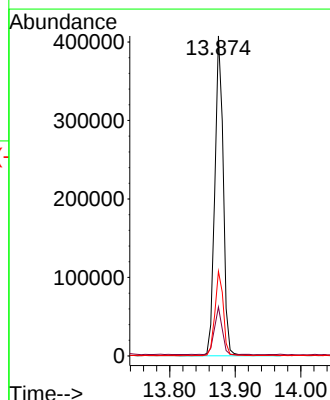
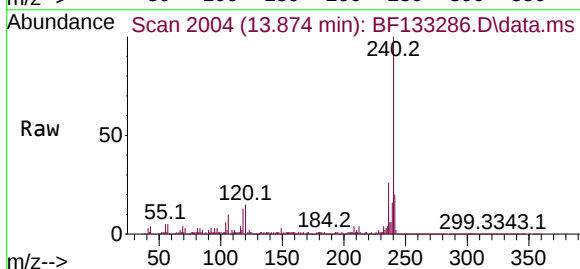
Tgt Ion:240 Resp: 364178

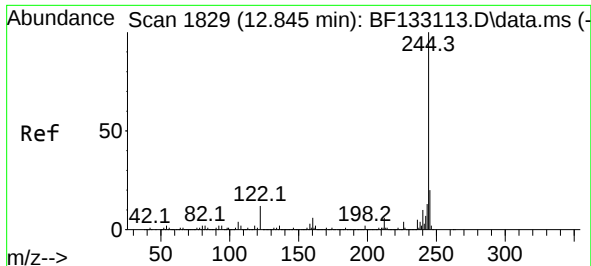
Ion Ratio Lower Upper

240 100

120 15.3 10.5 15.7

236 26.5 21.5 32.3

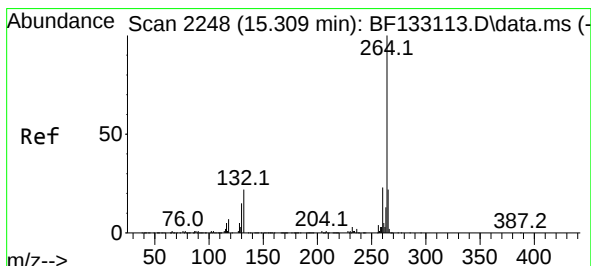
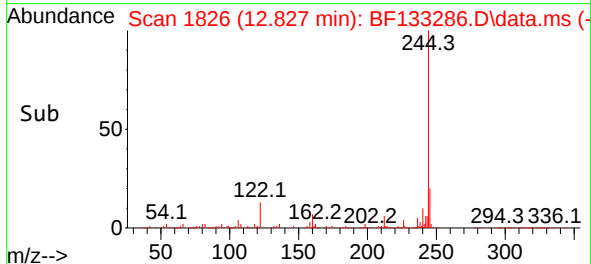
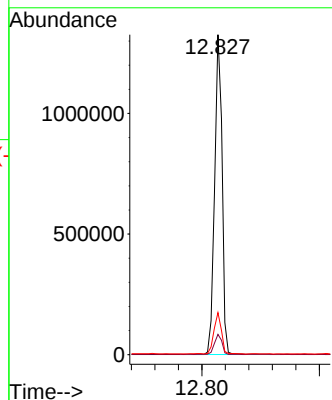
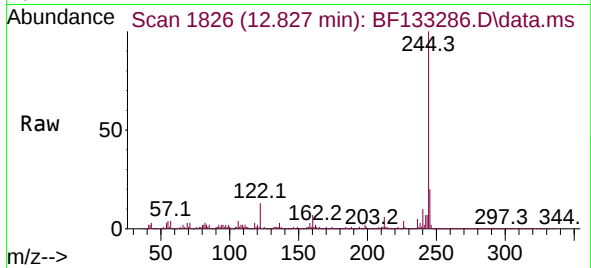




#79
 Terphenyl-d14
 Concen: 54.893 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133286.D
 Acq: 06 May 2023 03:08

Instrument :
 BNA_F
 ClientSampleId :
 2264

Tgt Ion:244 Resp: 1159114
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 13.1 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: BF133286.D
 Acq: 06 May 2023 03:08

Tgt Ion:264 Resp: 382949
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 20.7 17.0 25.4

