

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133186.D
 Acq On : 02 May 2023 13:44
 Operator : CG\JU
 Sample : 02567-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-21-SB02

Quant Time: May 03 06:18:40 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 03 04:52:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	207056	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	832236	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	439052	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	797982	20.000	ng	0.00
76) Chrysene-d12	13.880	240	524928	20.000	ng	-0.01
86) Perylene-d12	15.304	264	395013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1188006	86.673	ng	0.00
7) Phenol-d6	6.369	99	1482104	87.116	ng	0.00
23) Nitrobenzene-d5	7.292	82	869270	56.379	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	390821	88.511	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1597903	60.888	ng	0.00
79) Terphenyl-d14	12.839	244	1844983	60.617	ng	0.00

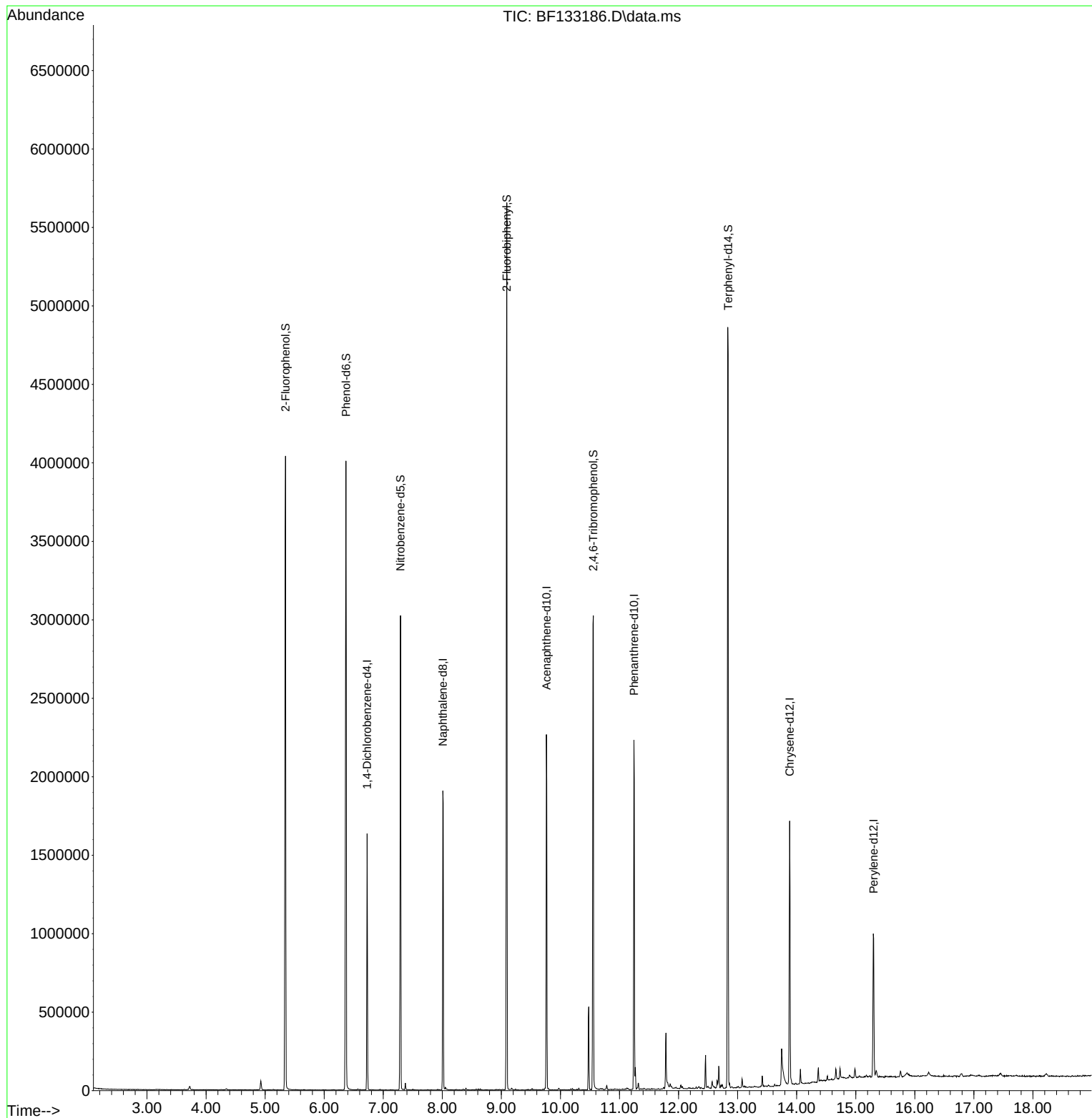
Target Compounds	Qvalue

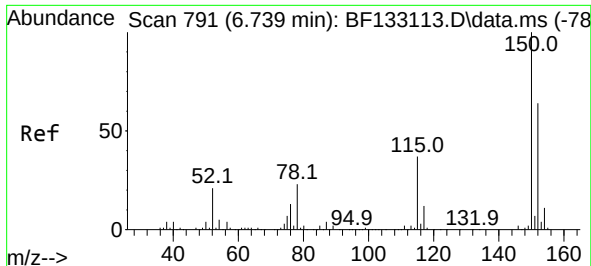
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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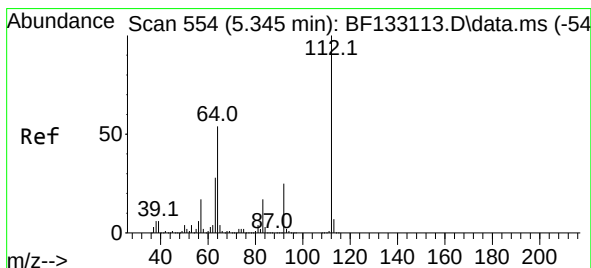
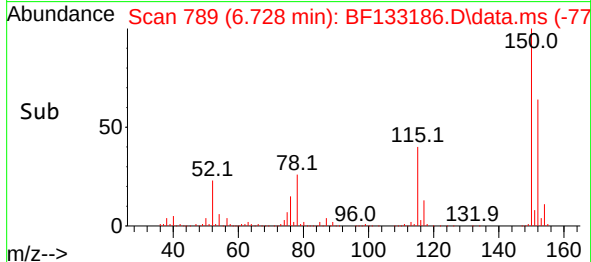
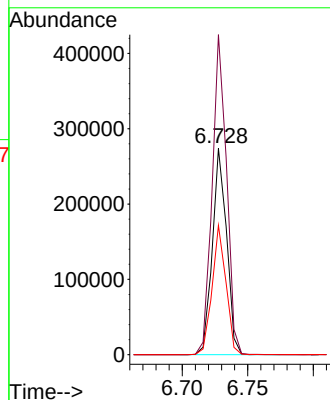
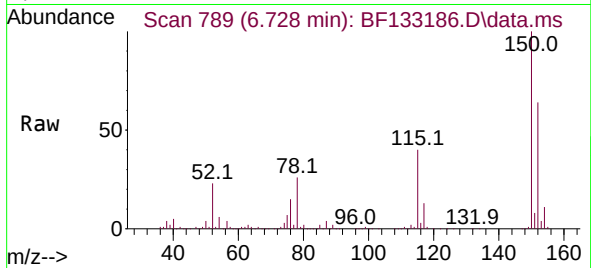




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

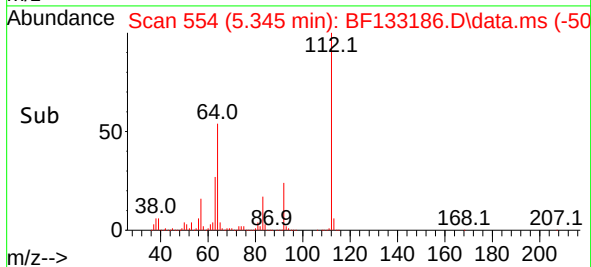
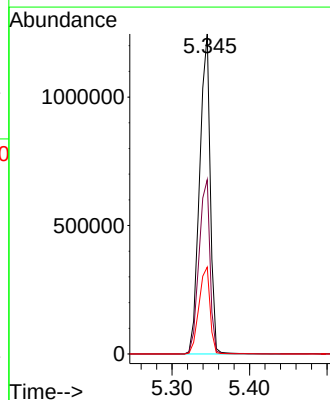
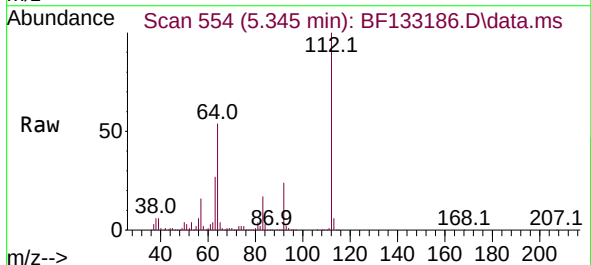
Instrument :
BNA_F
ClientSampleId :
B-21-SB02

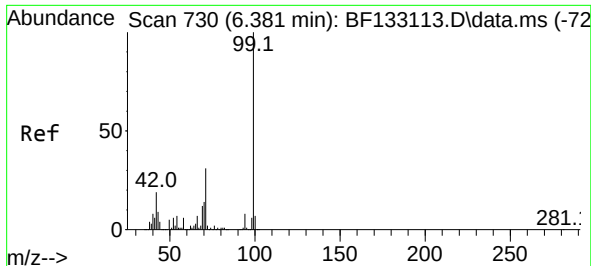
Tgt Ion:152 Resp: 207056
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 62.7 49.9 74.9



#5
2-Fluorophenol
Concen: 86.673 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

Tgt Ion:112 Resp: 1188006
Ion Ratio Lower Upper
112 100
64 54.5 46.8 70.2
63 27.1 23.8 35.8





#7

Phenol-d6

Concen: 87.116 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133186.D

Acq: 02 May 2023 13:44

Instrument :

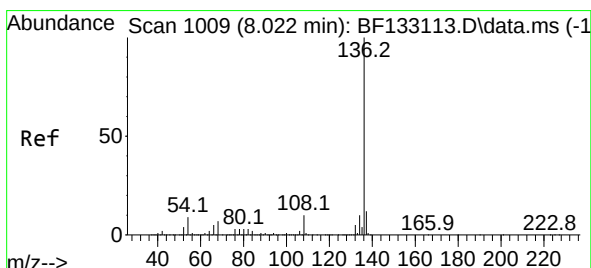
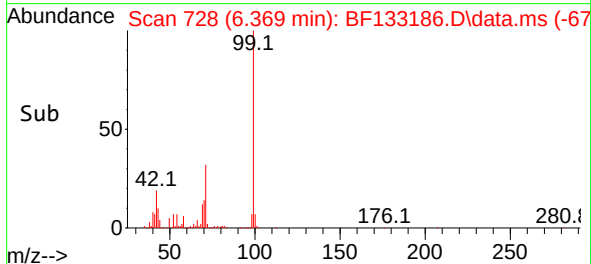
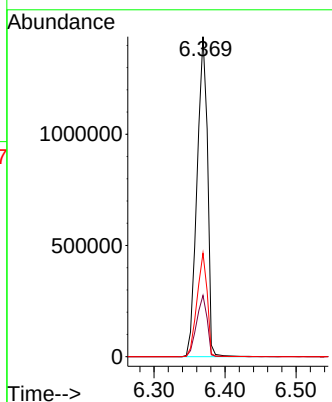
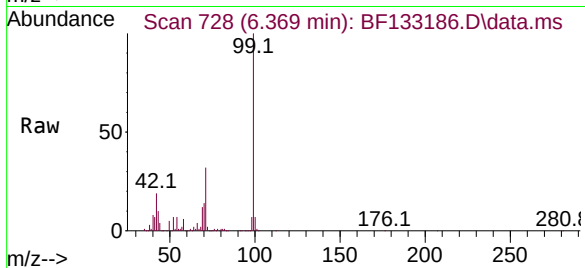
BNA_F

ClientSampleId :

B-21-SB02

Tgt Ion: 99 Resp: 1482104

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.3	24.5
71	32.4	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 1007

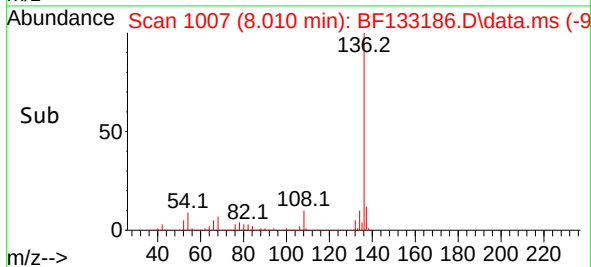
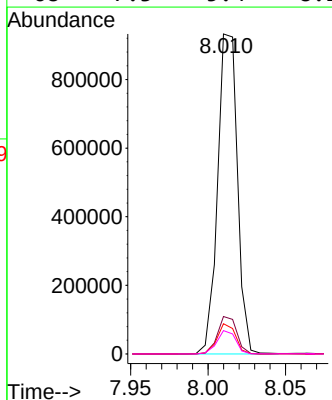
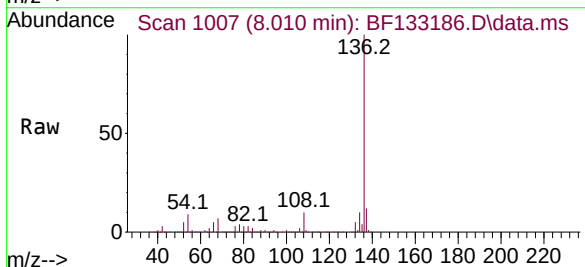
Delta R.T. -0.006 min

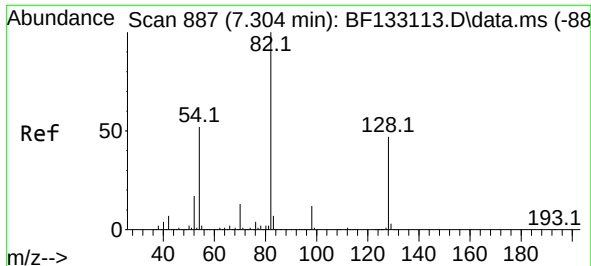
Lab File: BF133186.D

Acq: 02 May 2023 13:44

Tgt Ion: 136 Resp: 832236

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	9.5	7.0	10.4
68	7.3	5.4	8.2





#23

Nitrobenzene-d5

Concen: 56.379 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133186.D

Acq: 02 May 2023 13:44

Instrument :

BNA_F

ClientSampleId :

B-21-SB02

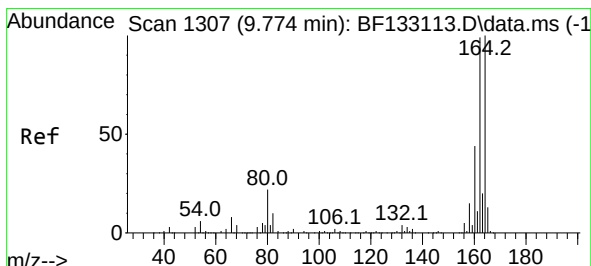
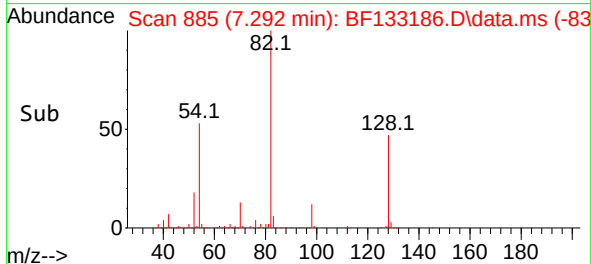
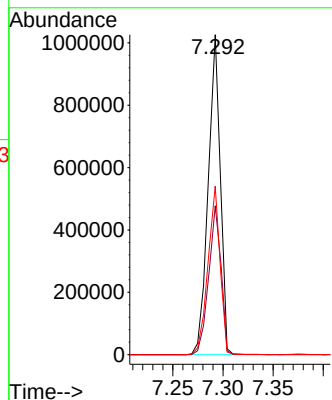
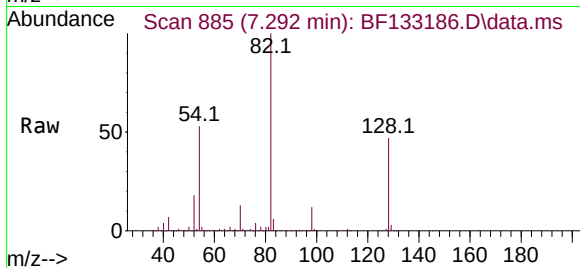
Tgt Ion: 82 Resp: 869270

Ion Ratio Lower Upper

82 100

128 46.5 37.7 56.5

54 52.7 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF133186.D

Acq: 02 May 2023 13:44

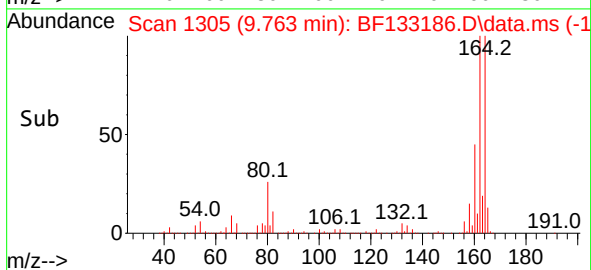
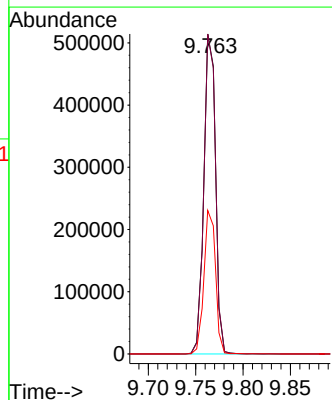
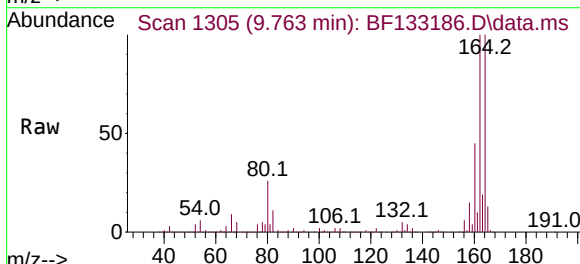
Tgt Ion: 164 Resp: 439052

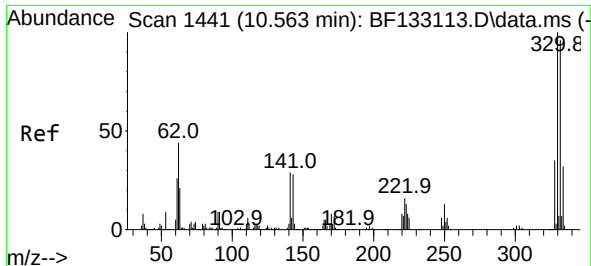
Ion Ratio Lower Upper

164 100

162 99.9 78.7 118.1

160 44.9 35.8 53.6

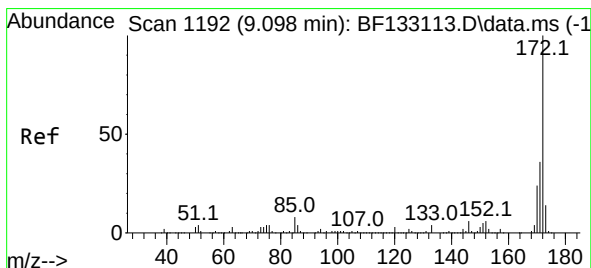
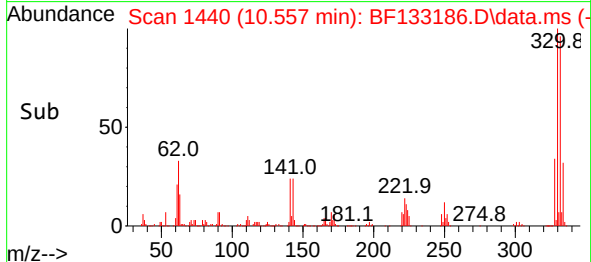
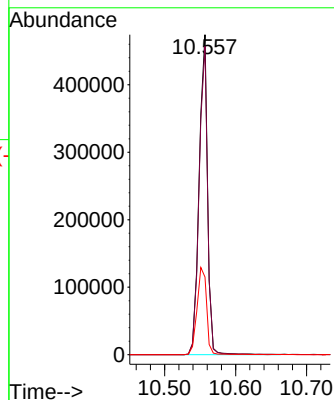
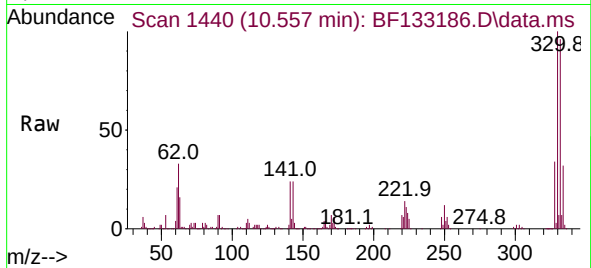




#42
2,4,6-Tribromophenol
Concen: 88.511 ng
RT: 10.557 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

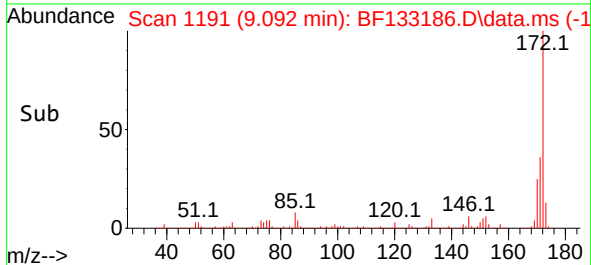
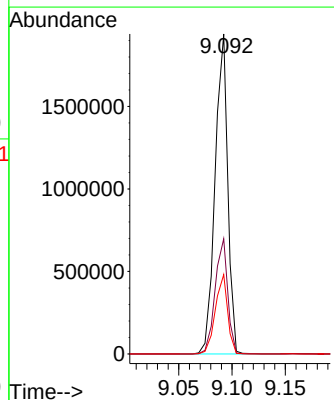
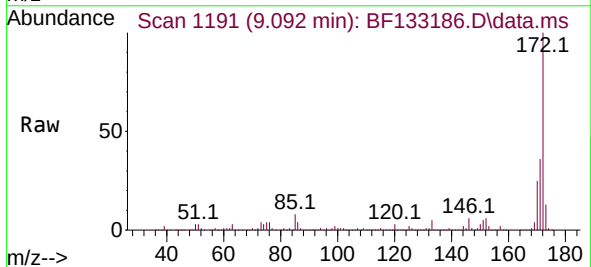
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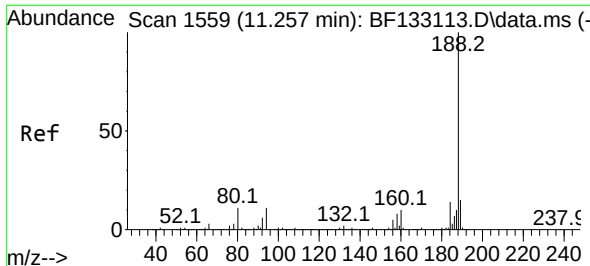
Tgt Ion:330 Resp: 390821
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 60.888 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

Tgt Ion:172 Resp: 1597903
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.8 19.4 29.2

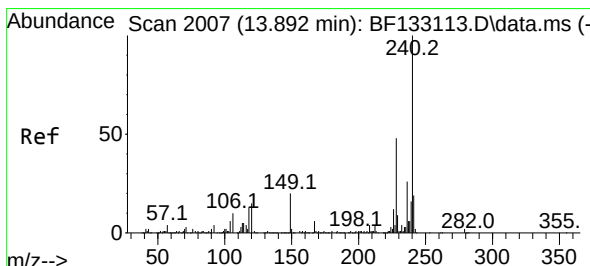
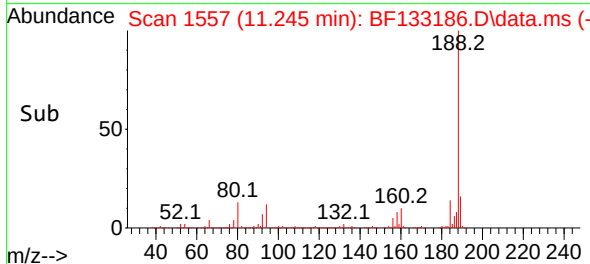
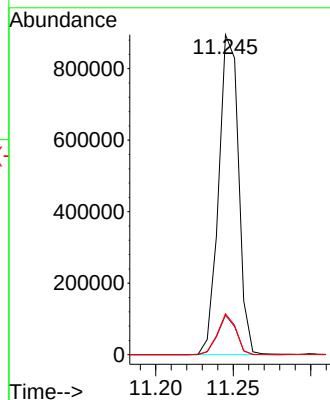
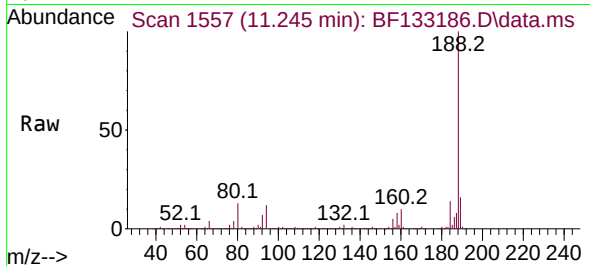




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

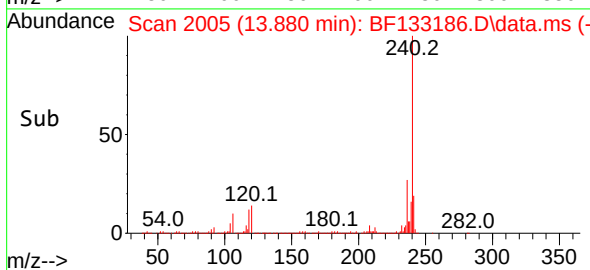
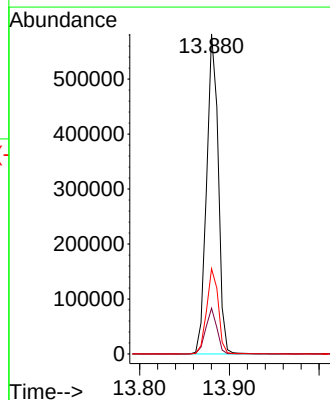
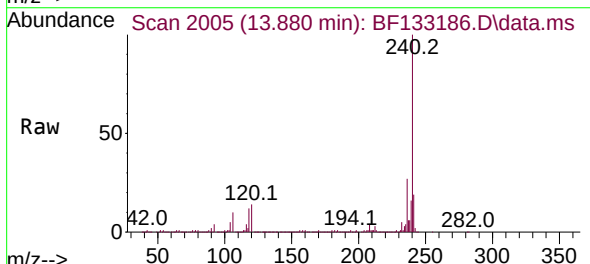
Instrument :
BNA_F
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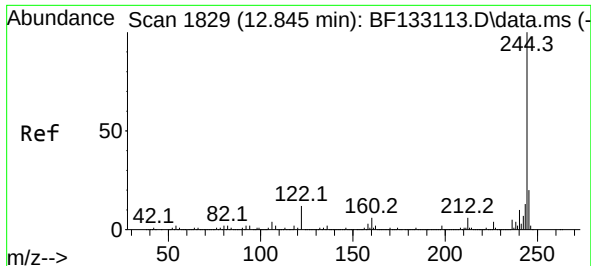
Tgt Ion:188 Resp: 797982
Ion Ratio Lower Upper
188 100
94 12.3 9.7 14.5
80 12.8 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

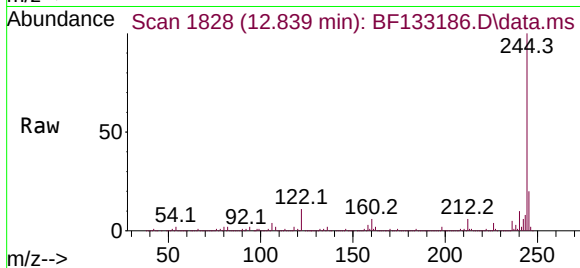
Tgt Ion:240 Resp: 524928
Ion Ratio Lower Upper
240 100
120 14.3 10.5 15.7
236 26.6 21.5 32.3



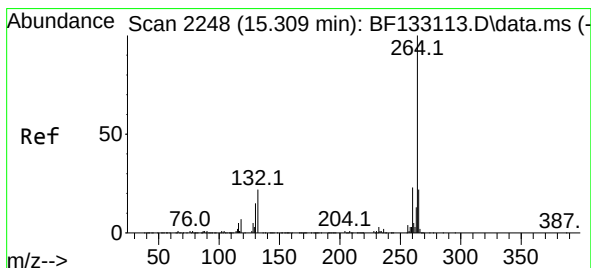
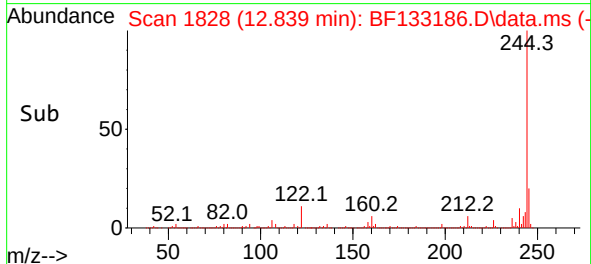
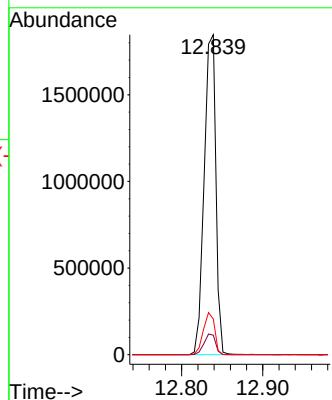


#79
 Terphenyl-d14
 Concen: 60.617 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133186.D
 Acq: 02 May 2023 13:44

Instrument :
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 ClientSampleId :
 B-21-SB02



Tgt Ion:244 Resp: 1844983
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 11.2 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF133186.D
 Acq: 02 May 2023 13:44

Tgt Ion:264 Resp: 395013
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.3 17.0 25.4

