

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133185.D
 Acq On : 02 May 2023 13:13
 Operator : CG\JU
 Sample : 02567-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-21-SB01

Quant Time: May 03 06:18:27 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	205967	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	827898	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	443045	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	792205	20.000	ng	0.00
76) Chrysene-d12	13.880	240	528167	20.000	ng	-0.01
86) Perylene-d12	15.304	264	392469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1167461	85.624	ng	0.00
7) Phenol-d6	6.369	99	1452156	85.807	ng	0.00
23) Nitrobenzene-d5	7.292	82	868489	56.623	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	359264	80.631	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1490407	56.280	ng	0.00
79) Terphenyl-d14	12.839	244	1626428	53.109	ng	0.00

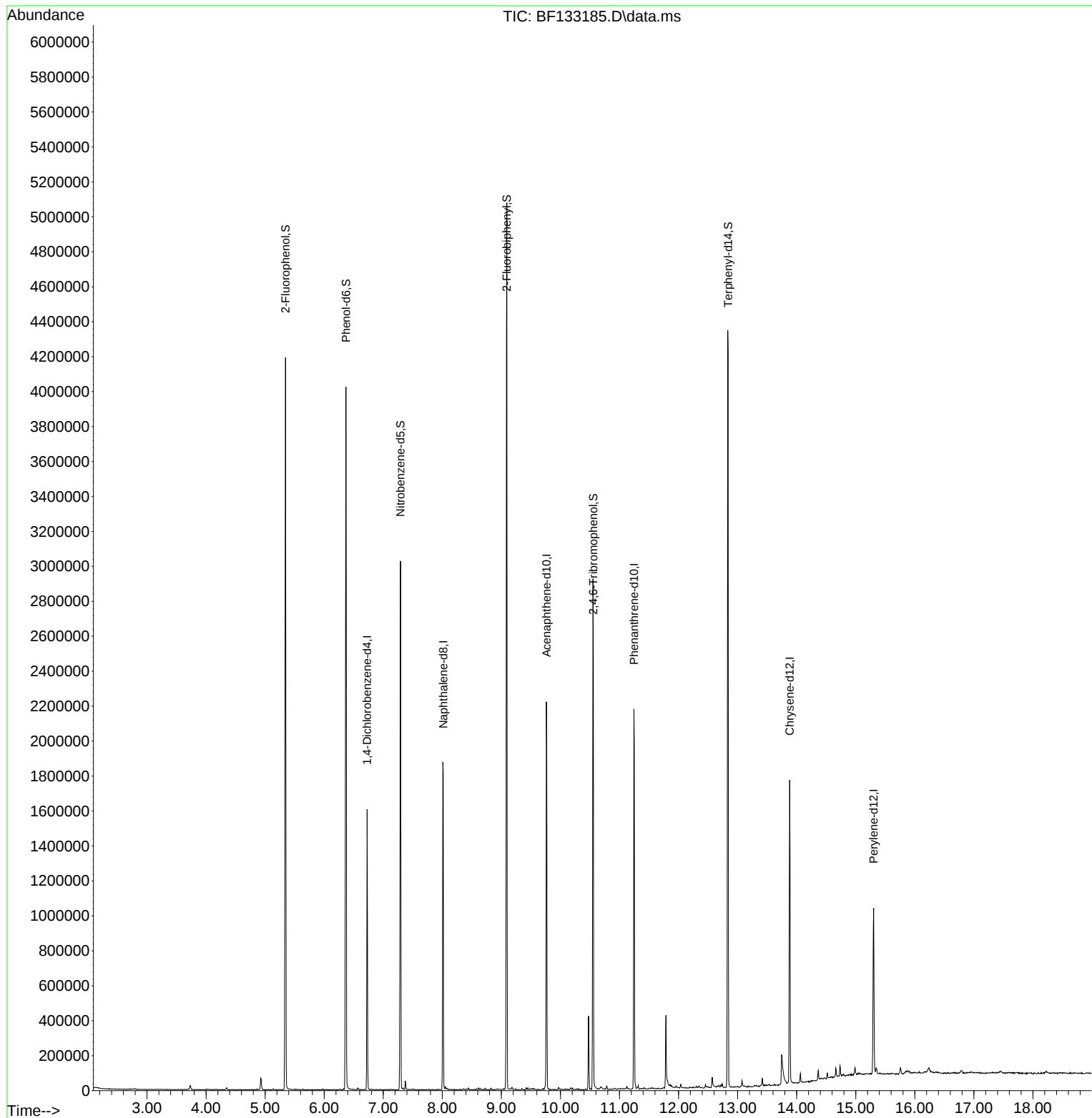
Target Compounds	Qvalue

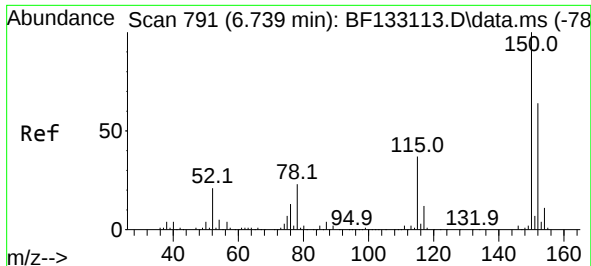
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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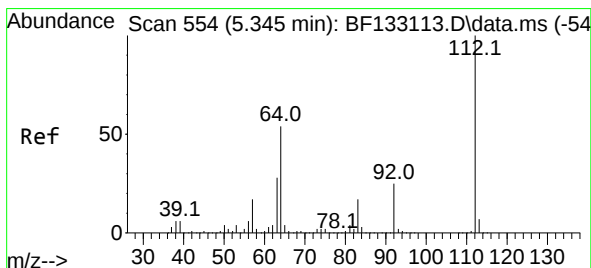
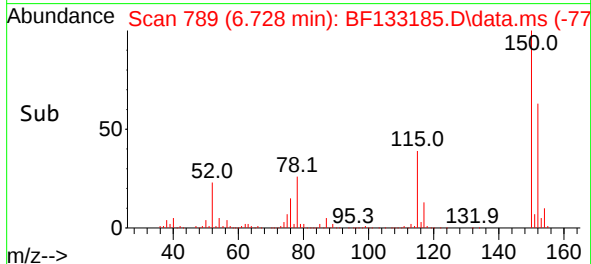
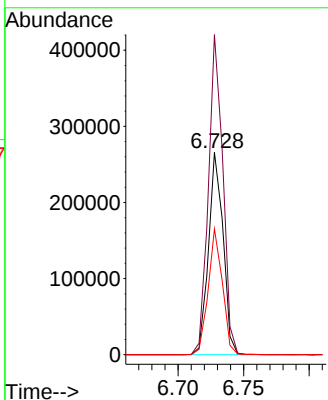
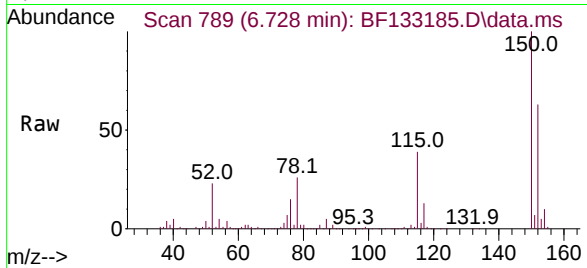




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

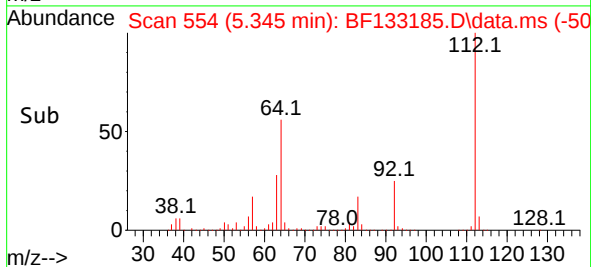
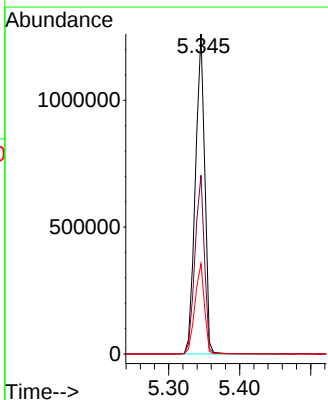
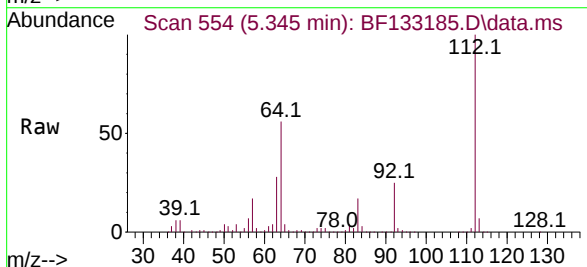
Instrument :
BNA_F
ClientSampleId :
B-21-SB01

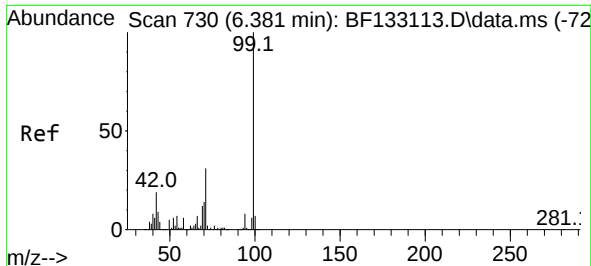
Tgt Ion:152 Resp: 205967
Ion Ratio Lower Upper
152 100
150 158.2 124.8 187.2
115 62.2 49.9 74.9



#5
2-Fluorophenol
Concen: 85.624 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

Tgt Ion:112 Resp: 1167461
Ion Ratio Lower Upper
112 100
64 55.9 46.8 70.2
63 28.3 23.8 35.8

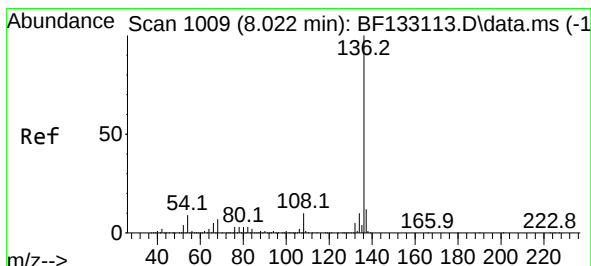
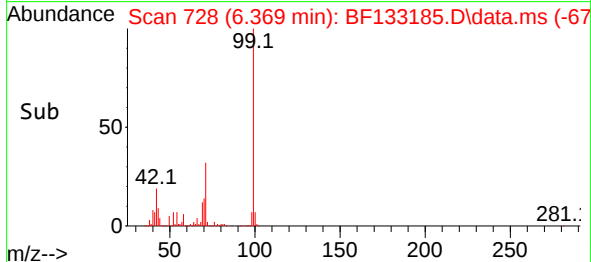
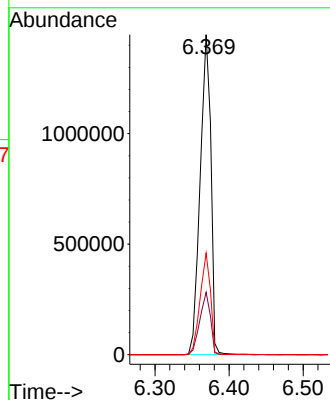
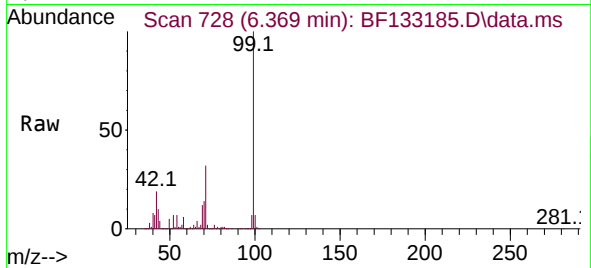




#7
Phenol-d6
Concen: 85.807 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

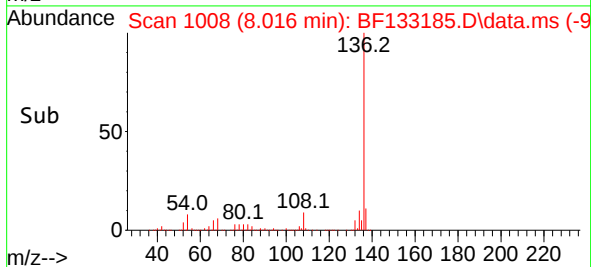
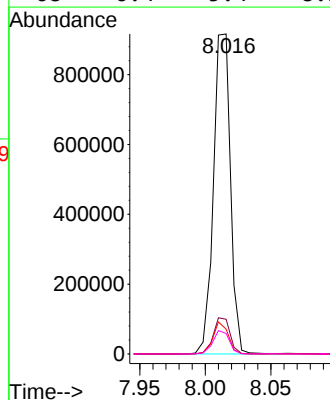
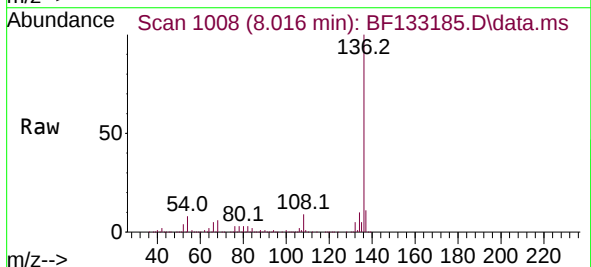
Instrument :
BNA_F
ClientSampleId :
B-21-SB01

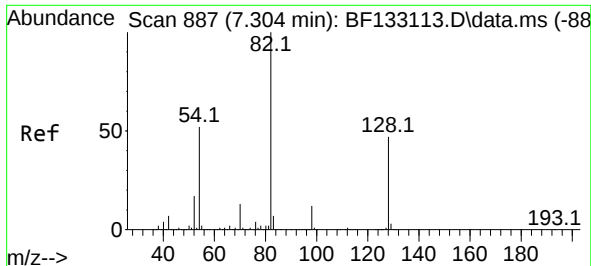
Tgt Ion: 99 Resp: 1452156
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 31.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

Tgt Ion: 136 Resp: 827898
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.8 7.0 10.4
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 56.623 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133185.D

Acq: 02 May 2023 13:13

Instrument :

BNA_F

ClientSampleId :

B-21-SB01

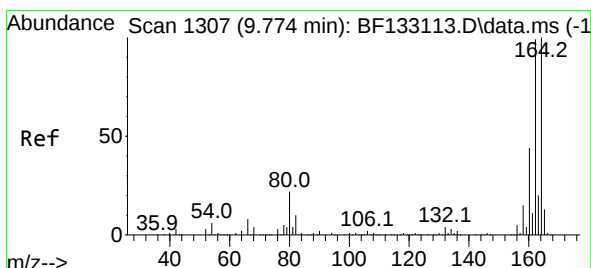
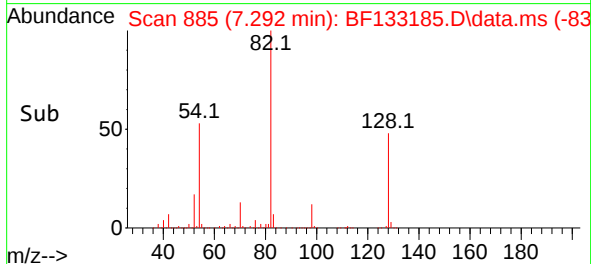
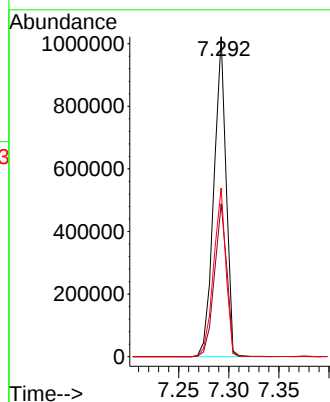
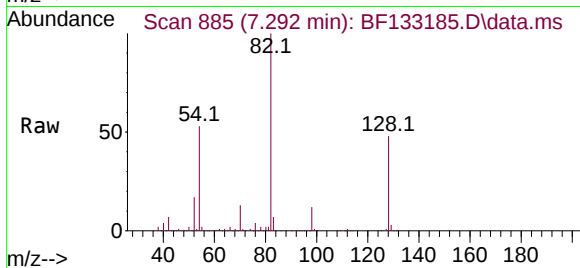
Tgt Ion: 82 Resp: 868489

Ion Ratio Lower Upper

82 100

128 47.8 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: BF133185.D

Acq: 02 May 2023 13:13

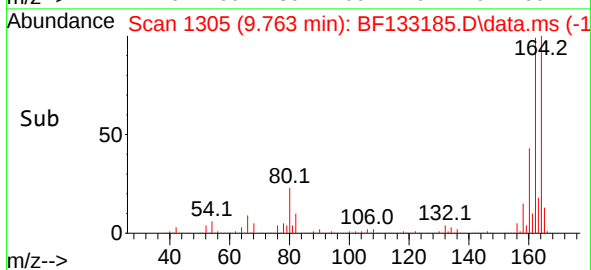
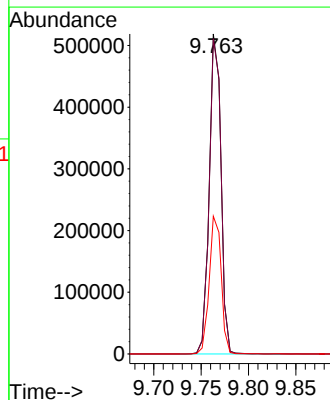
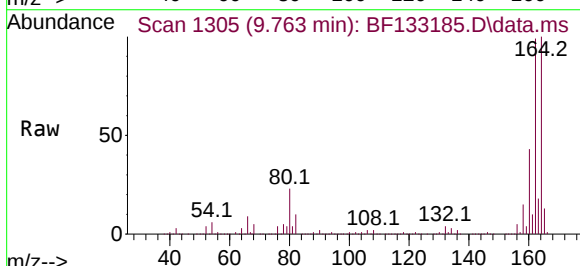
Tgt Ion:164 Resp: 443045

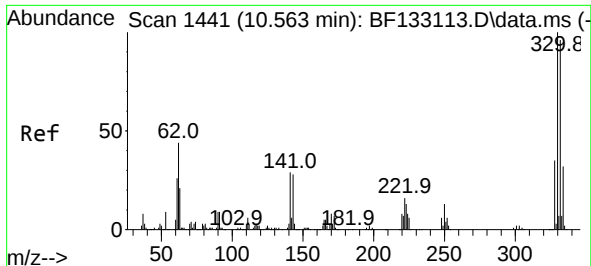
Ion Ratio Lower Upper

164 100

162 98.5 78.7 118.1

160 43.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 80.631 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133185.D

Acq: 02 May 2023 13:13

Instrument :

BNA_F

ClientSampleId :

B-21-SB01

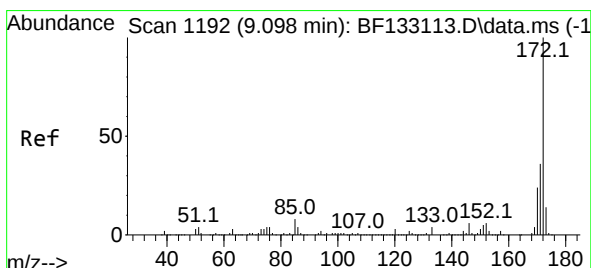
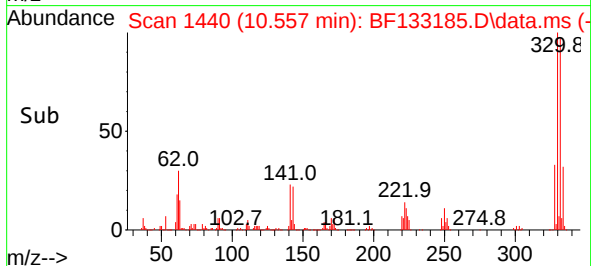
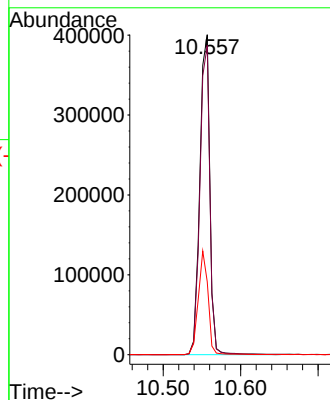
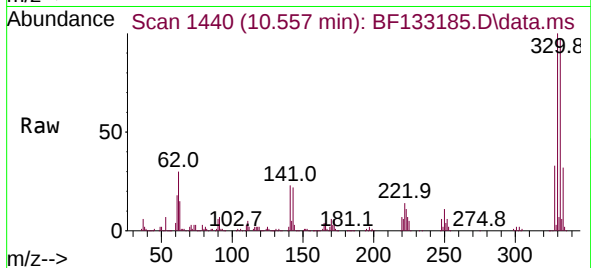
Tgt Ion:330 Resp: 359264

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 31.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 56.280 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133185.D

Acq: 02 May 2023 13:13

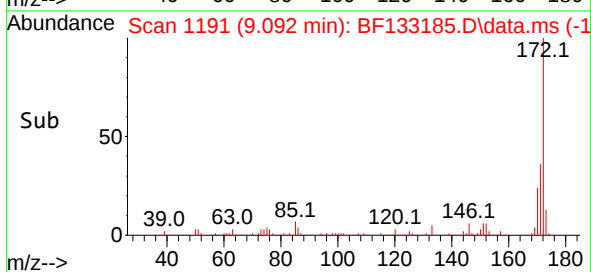
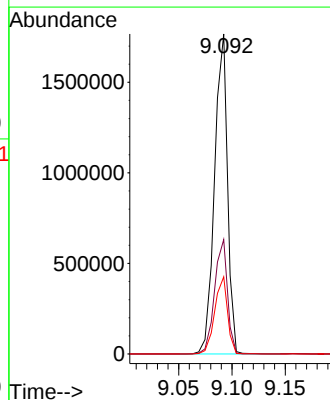
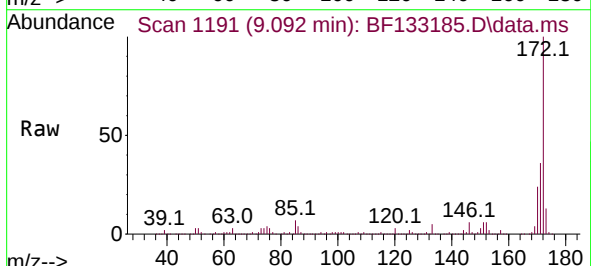
Tgt Ion:172 Resp: 1490407

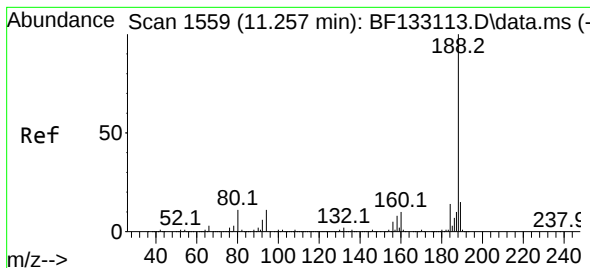
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.1 19.4 29.2

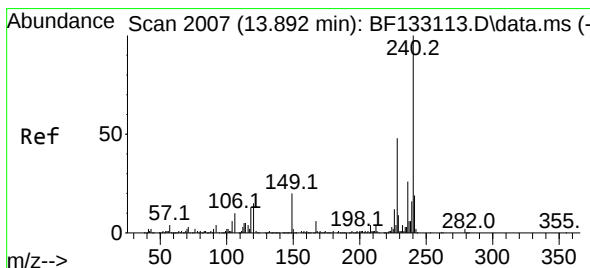
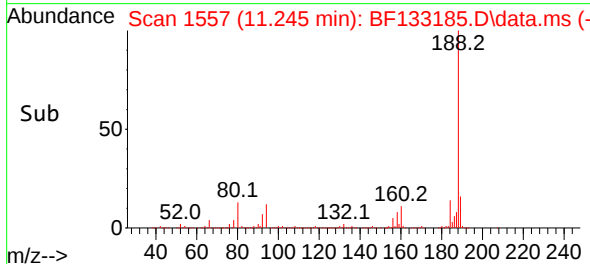
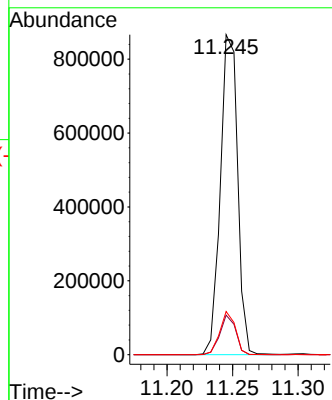
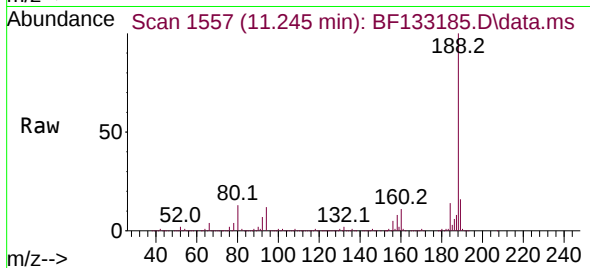




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

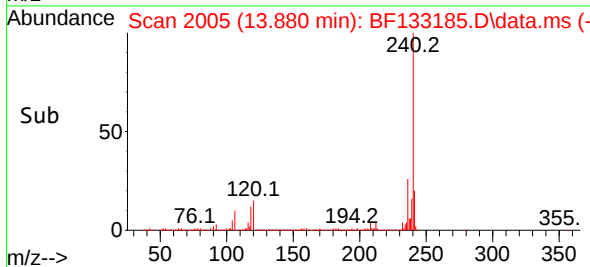
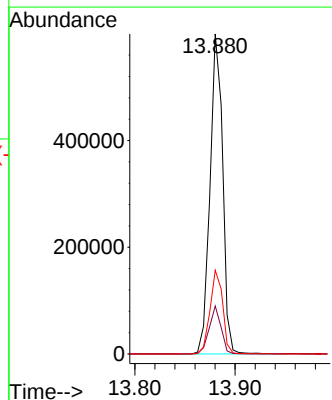
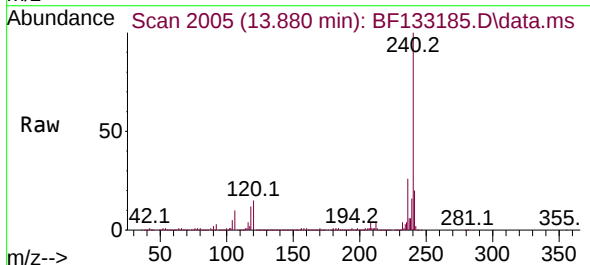
Instrument :
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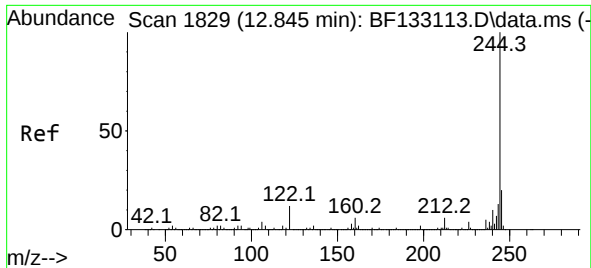
Tgt Ion:188 Resp: 792205
Ion Ratio Lower Upper
188 100
94 12.3 9.7 14.5
80 13.5 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

Tgt Ion:240 Resp: 528167
Ion Ratio Lower Upper
240 100
120 15.0 10.5 15.7
236 26.1 21.5 32.3

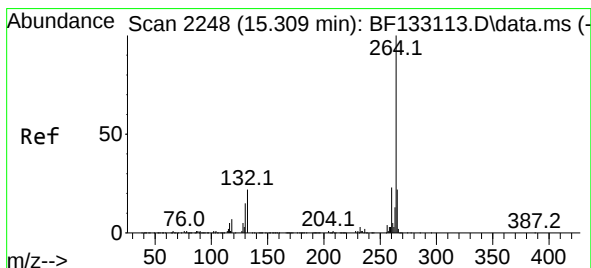
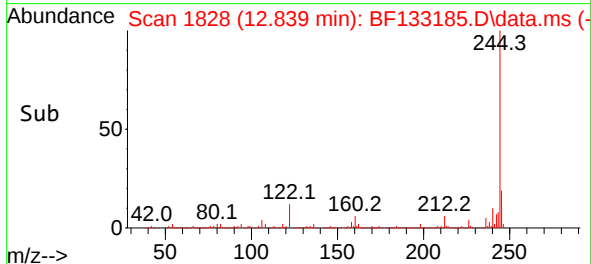
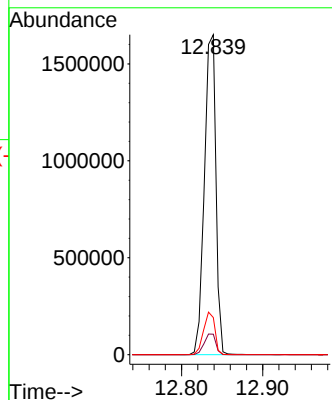
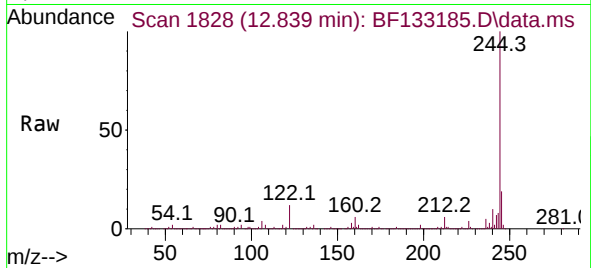




#79
 Terphenyl-d14
 Concen: 53.109 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133185.D
 Acq: 02 May 2023 13:13

Instrument :
 BNA_F
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 B-21-SB01

Tgt Ion:244 Resp: 1626428
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.6 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: BF133185.D
 Acq: 02 May 2023 13:13

Tgt Ion:264 Resp: 392469
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.1 17.0 25.4

