

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133194.D
 Acq On : 02 May 2023 17:52
 Operator : CG\JU
 Sample : 02571-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OE-3-050123

Quant Time: May 03 06:20:40 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	208861	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	816971	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	414273	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	661508	20.000	ng	0.00
76) Chrysene-d12	13.880	240	364665	20.000	ng	-0.01
86) Perylene-d12	15.304	264	376699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1369736	99.068	ng	0.00
7) Phenol-d6	6.369	99	1705607	99.387	ng	0.00
23) Nitrobenzene-d5	7.292	82	1011948	66.859	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	381936	91.673	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1681101	67.890	ng	0.00
79) Terphenyl-d14	12.833	244	1443227	68.257	ng	0.00

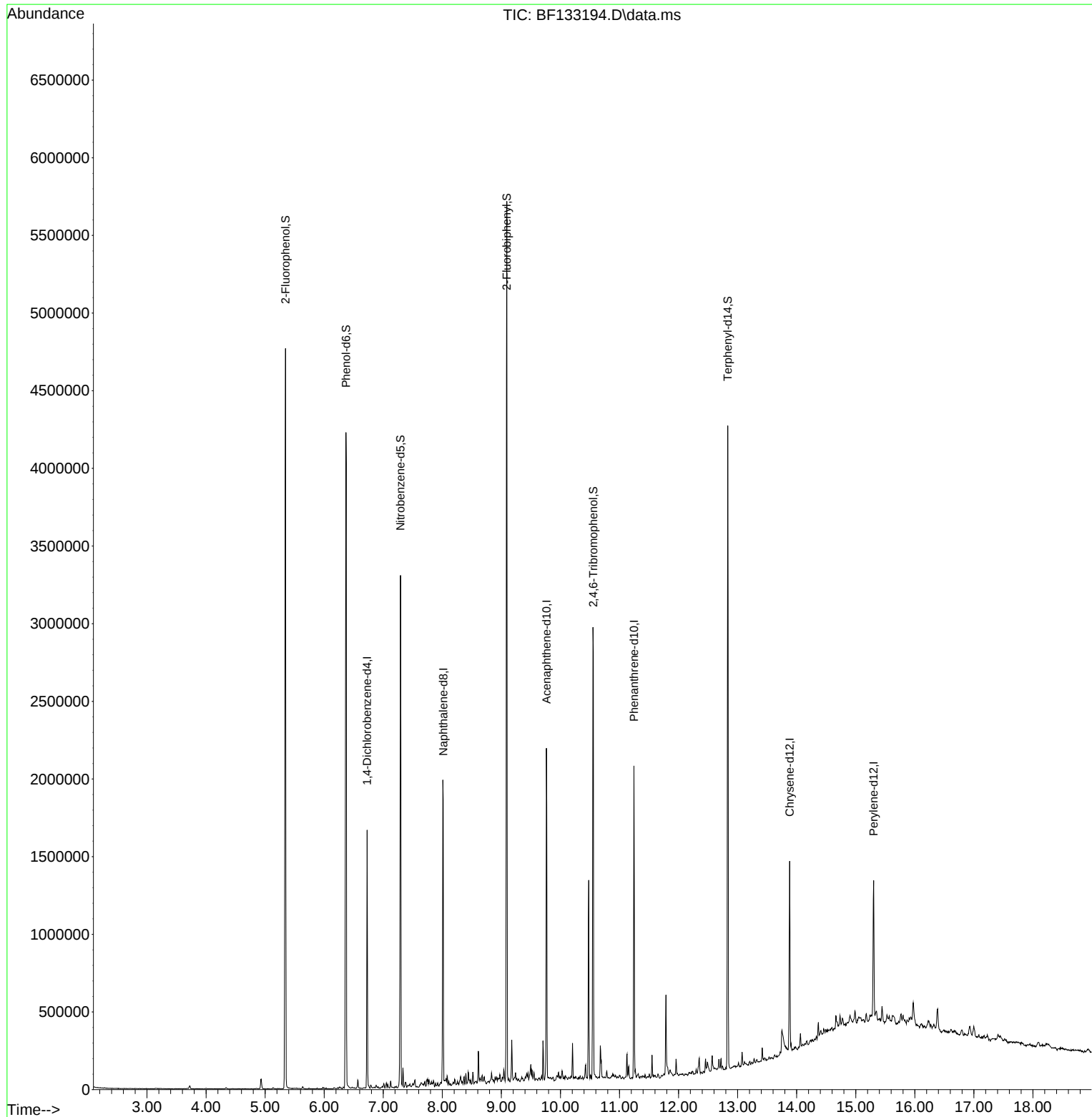
Target Compounds	Qvalue

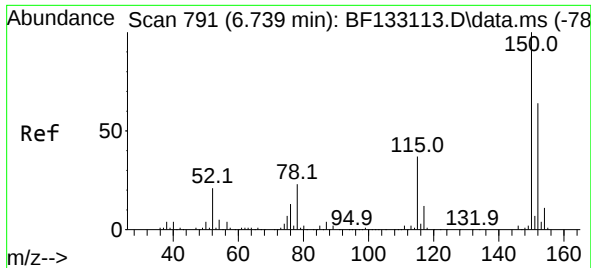
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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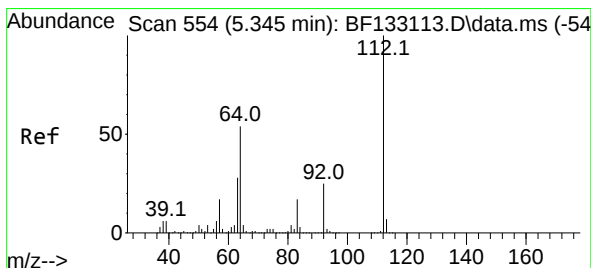
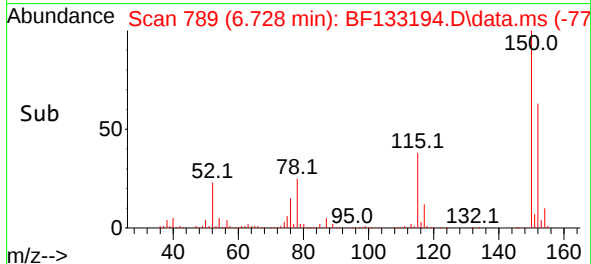
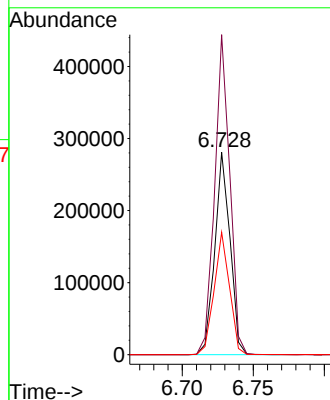
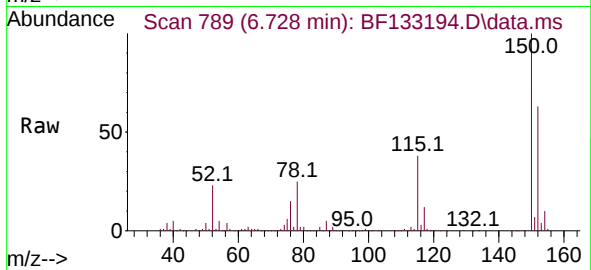




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133194.D
 Acq: 02 May 2023 17:52

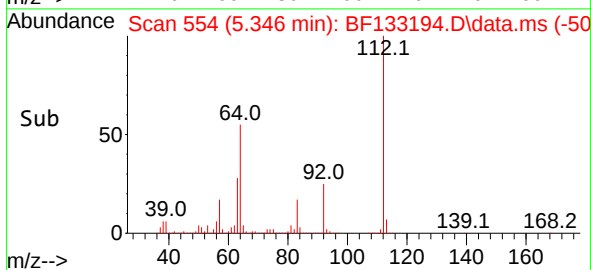
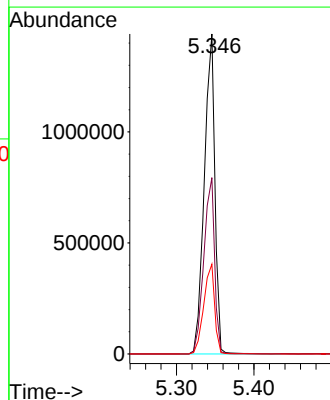
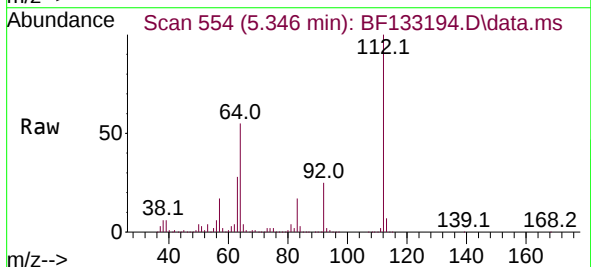
Instrument :
 BNA_F
 ClientSampleId :
 OE-3-050123

Tgt Ion:152 Resp: 208861
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.8 187.2
 115 60.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 99.068 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF133194.D
 Acq: 02 May 2023 17:52

Tgt Ion:112 Resp: 1369736
 Ion Ratio Lower Upper
 112 100
 64 55.1 46.8 70.2
 63 28.1 23.8 35.8

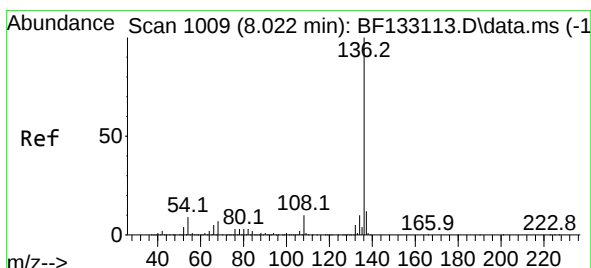
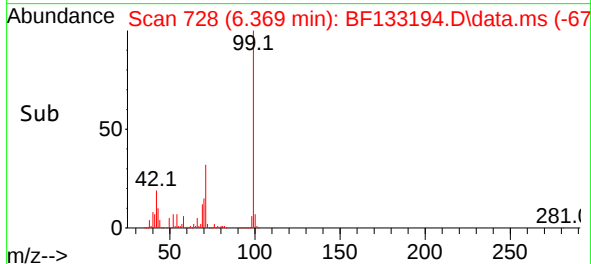
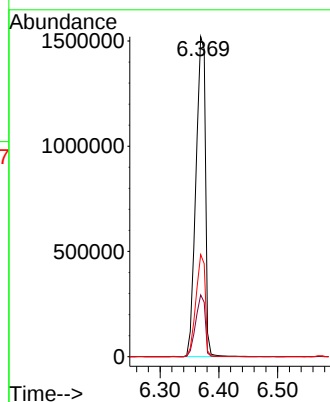
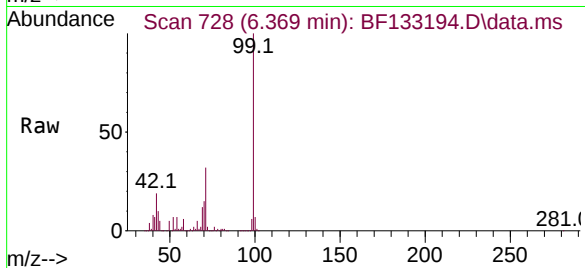




#7
Phenol-d6
Concen: 99.387 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

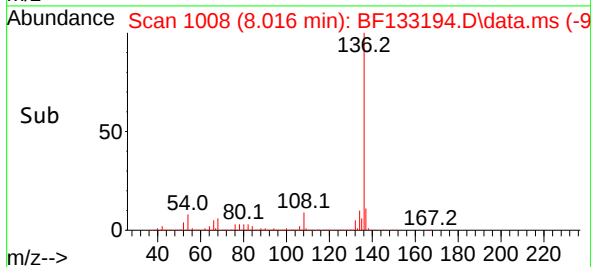
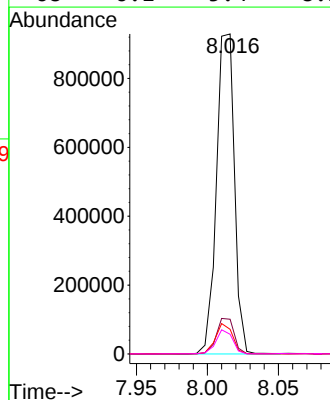
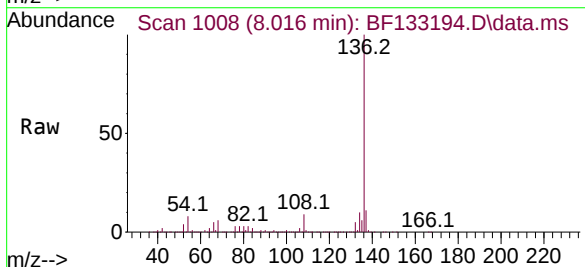
Instrument :
BNA_F
ClientSampleId :
OE-3-050123

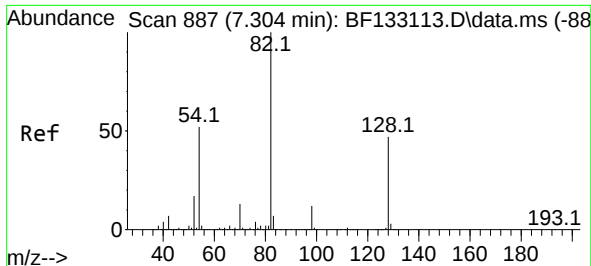
Tgt Ion: 99 Resp: 1705607
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

Tgt Ion: 136 Resp: 816971
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.7 7.0 10.4
68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 66.859 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133194.D

Acq: 02 May 2023 17:52

Instrument :

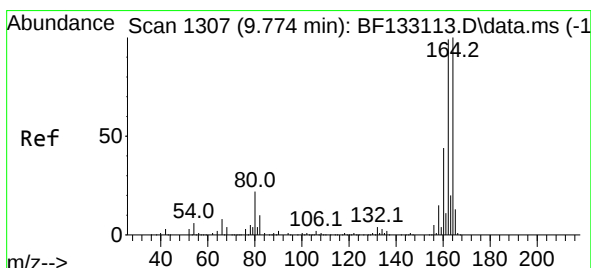
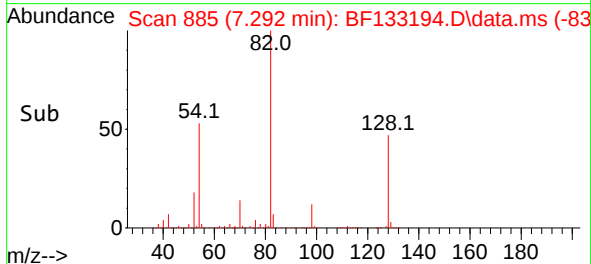
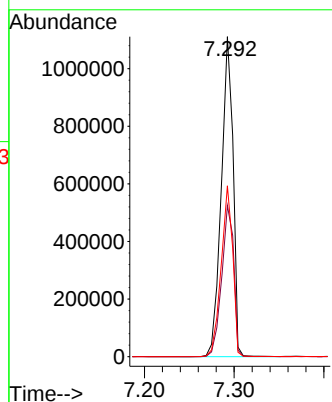
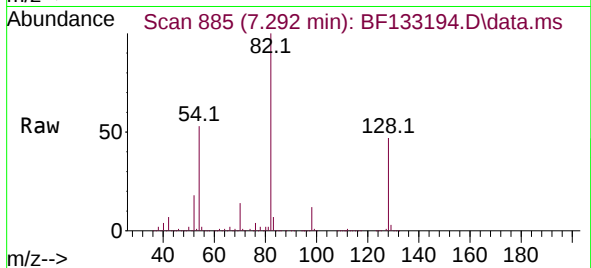
BNA_F

ClientSampleId :

OE-3-050123

Tgt Ion: 82 Resp: 1011948

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.7	56.5
54	53.4	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

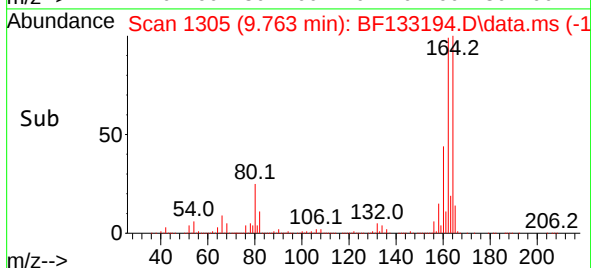
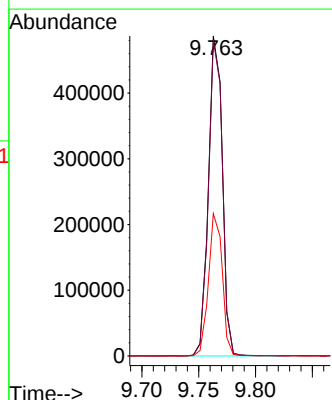
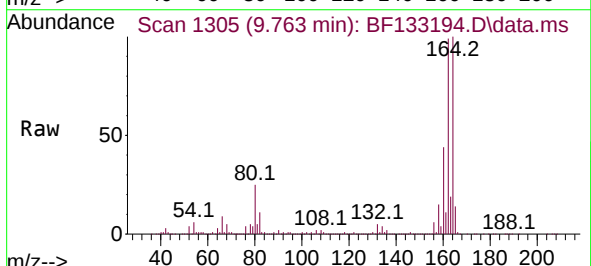
Delta R.T. -0.006 min

Lab File: BF133194.D

Acq: 02 May 2023 17:52

Tgt Ion: 164 Resp: 414273

Ion	Ratio	Lower	Upper
164	100		
162	98.6	78.7	118.1
160	44.5	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 91.673 ng

RT: 10.557 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133194.D

Acq: 02 May 2023 17:52

Instrument :

BNA_F

ClientSampleId :

OE-3-050123

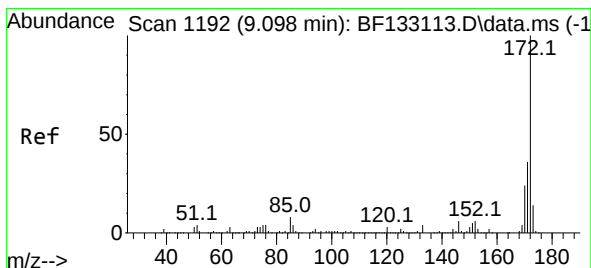
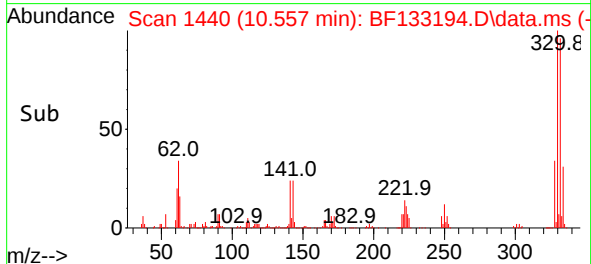
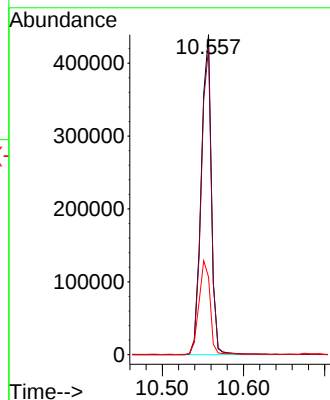
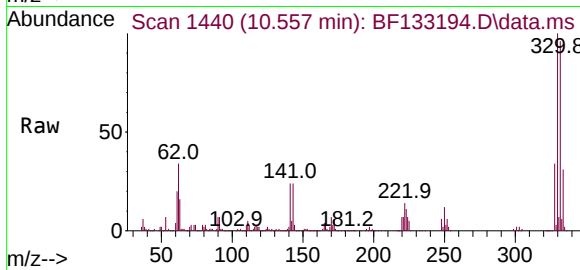
Tgt Ion:330 Resp: 381936

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 32.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 67.890 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133194.D

Acq: 02 May 2023 17:52

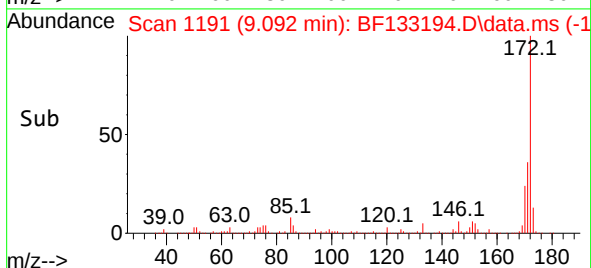
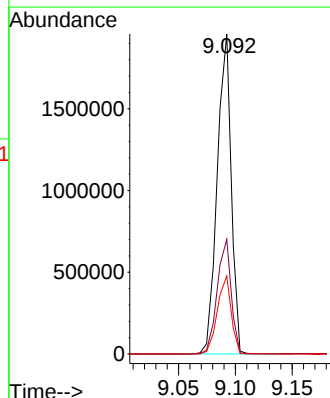
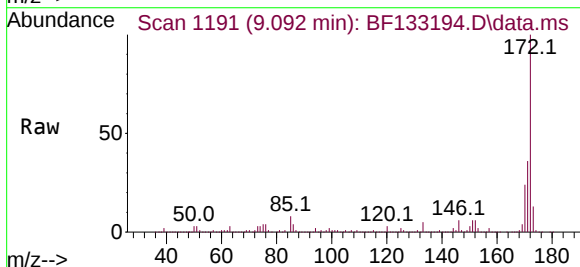
Tgt Ion:172 Resp: 1681101

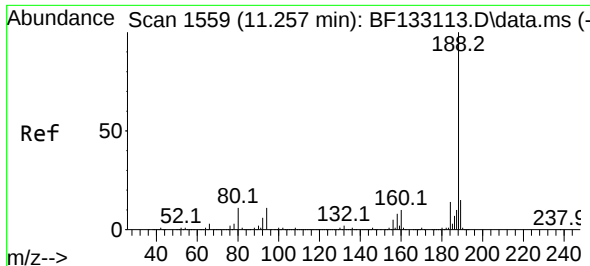
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.4 19.4 29.2

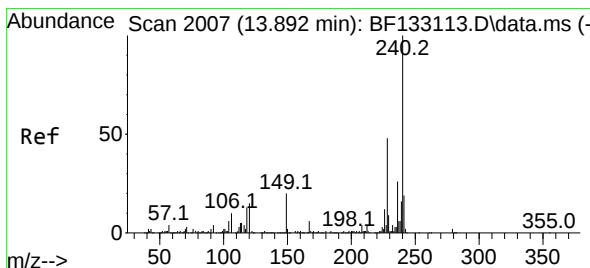
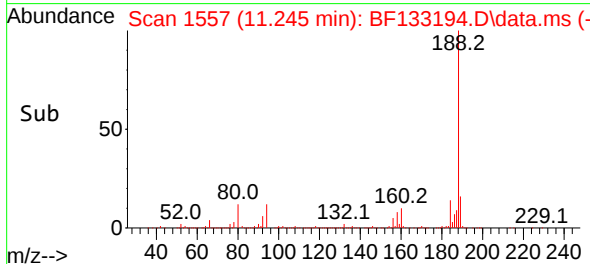
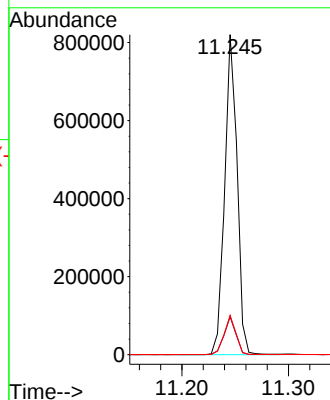
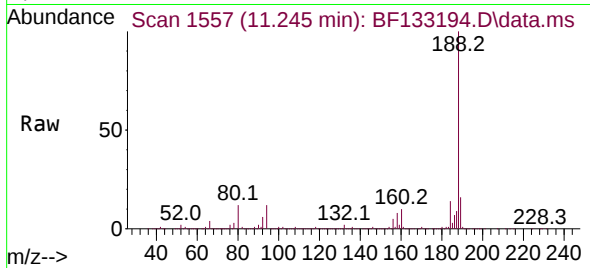




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

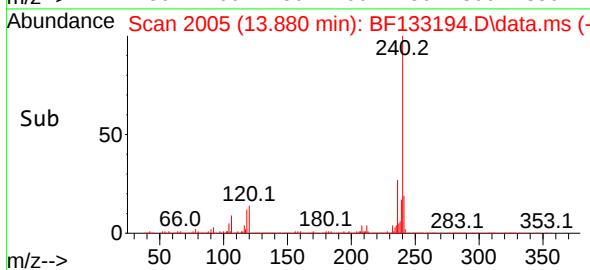
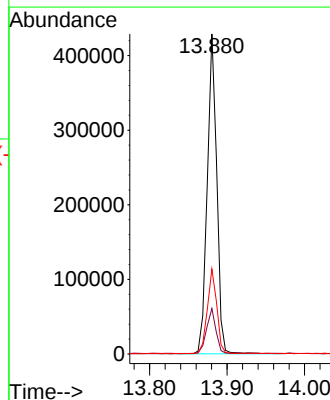
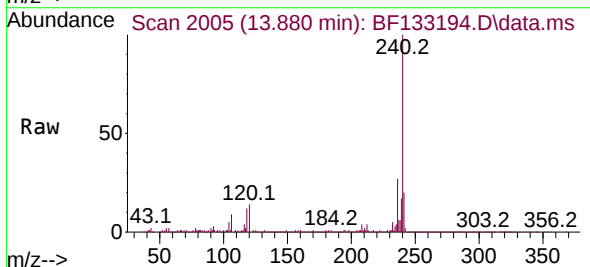
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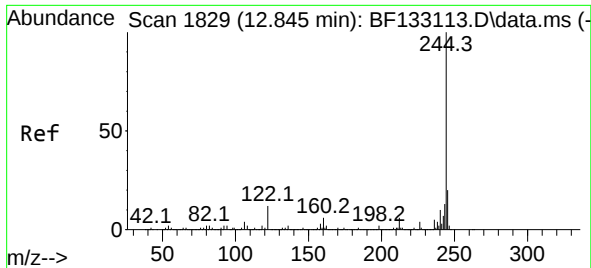
Tgt Ion:188 Resp: 661508
Ion Ratio Lower Upper
188 100
94 11.8 9.7 14.5
80 12.3 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

Tgt Ion:240 Resp: 364665
Ion Ratio Lower Upper
240 100
120 14.2 10.5 15.7
236 26.6 21.5 32.3

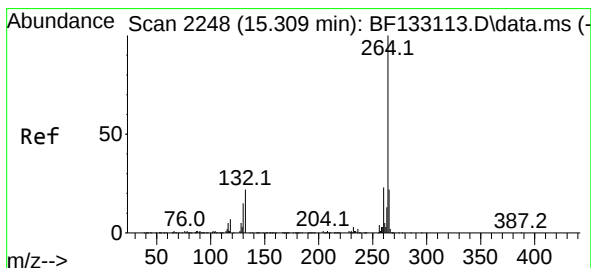
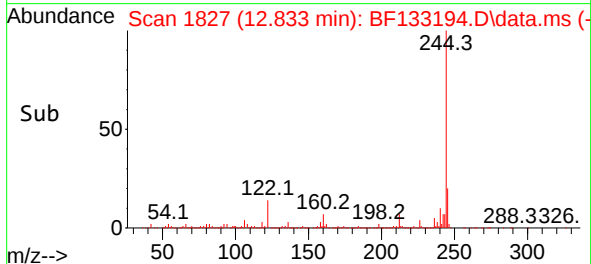
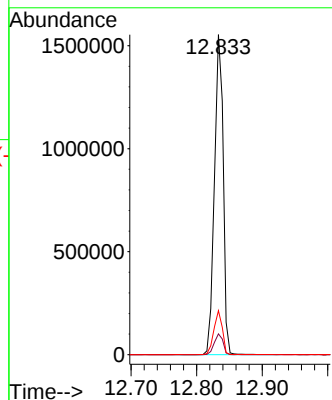
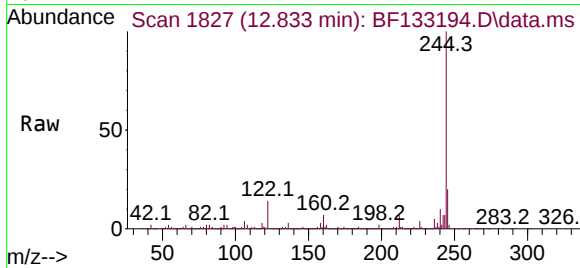




#79
 Terphenyl-d14
 Concen: 68.257 ng
 RT: 12.833 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133194.D
 Acq: 02 May 2023 17:52

Instrument :
 BNA_F
 ClientSampleId :
 OE-3-050123

Tgt Ion:244 Resp: 1443227
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 13.7 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: BF133194.D
 Acq: 02 May 2023 17:52

Tgt Ion:264 Resp: 376699
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 22.2 17.0 25.4

