

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133172.D
 Acq On : 01 May 2023 23:50
 Operator : CG\JU
 Sample : 02563-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-042823

Quant Time: May 02 05:24:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	190673	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	750771	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	359650	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	601821	20.000	ng	0.00
76) Chrysene-d12	13.880	240	364311	20.000	ng	-0.01
86) Perylene-d12	15.304	264	308107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1158378	91.773	ng	0.00
7) Phenol-d6	6.369	99	1304316	83.253	ng	0.00
23) Nitrobenzene-d5	7.292	82	742265	53.365	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	296988	82.110	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1429022	66.474	ng	0.00
79) Terphenyl-d14	12.833	244	1316147	62.307	ng	0.00

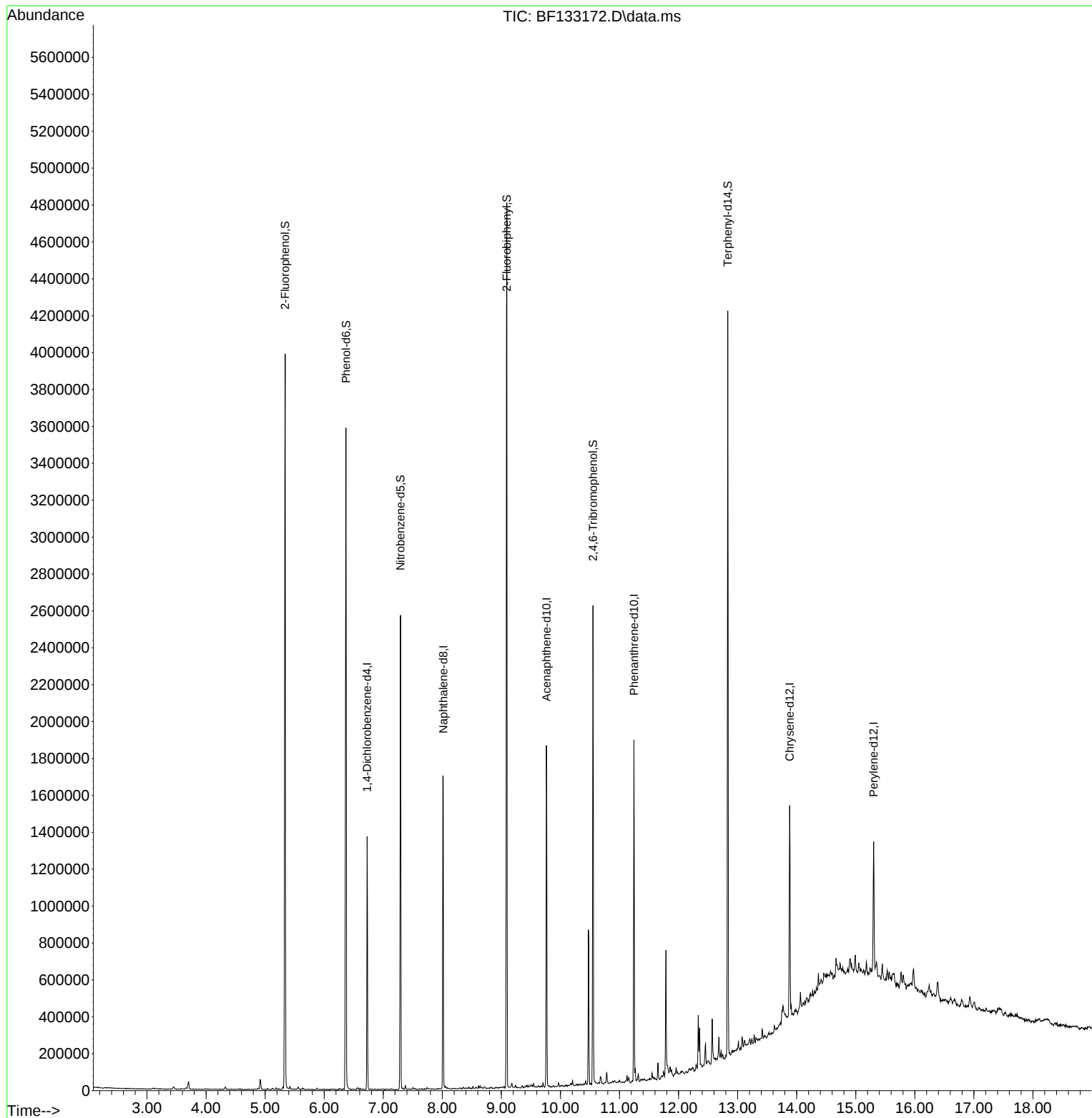
Target Compounds	Qvalue

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

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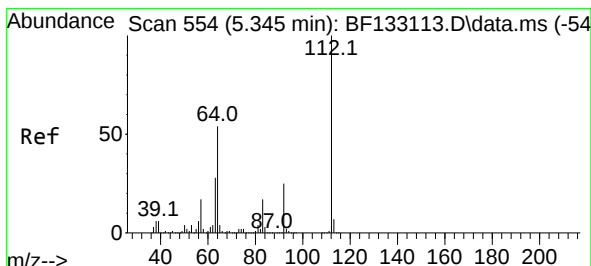
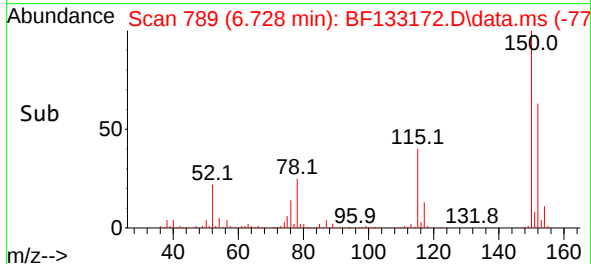
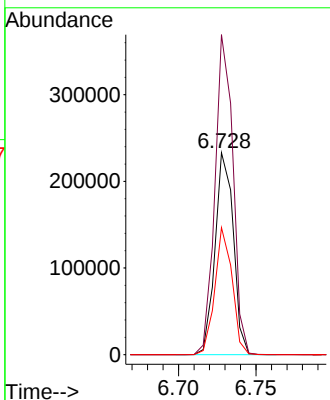
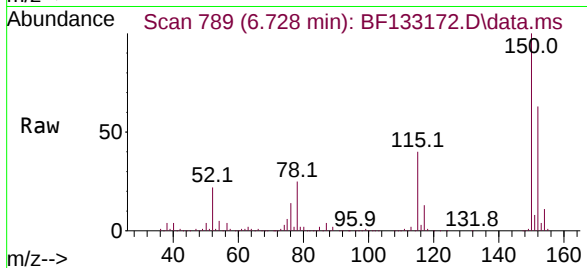




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF133172.D
 Acq: 01 May 2023 23:50

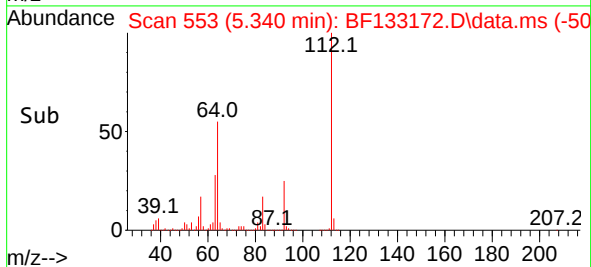
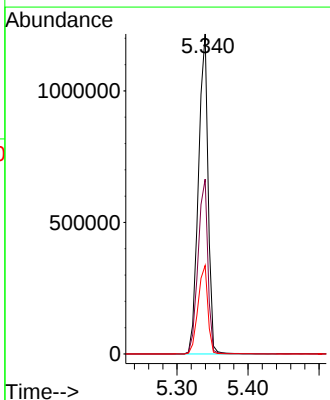
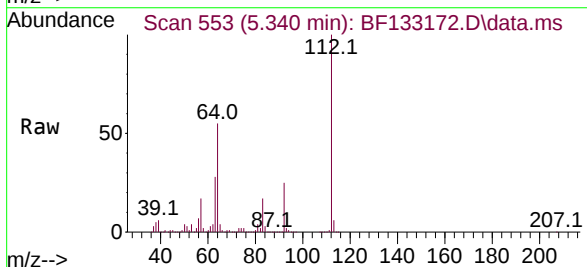
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-042823

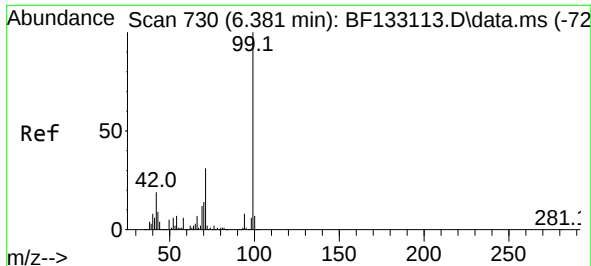
Tgt Ion:152 Resp: 190673
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.8 187.2
 115 62.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 91.773 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.000 min
 Lab File: BF133172.D
 Acq: 01 May 2023 23:50

Tgt Ion:112 Resp: 1158378
 Ion Ratio Lower Upper
 112 100
 64 54.7 46.8 70.2
 63 27.7 23.8 35.8





#7

Phenol-d6

Concen: 83.253 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133172.D

Acq: 01 May 2023 23:50

Instrument :

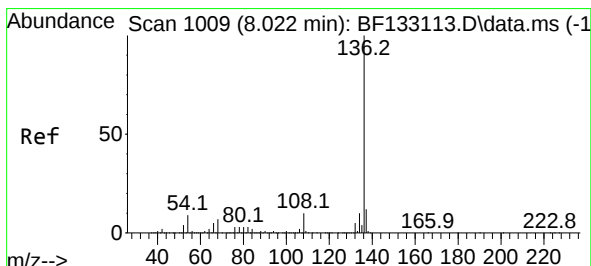
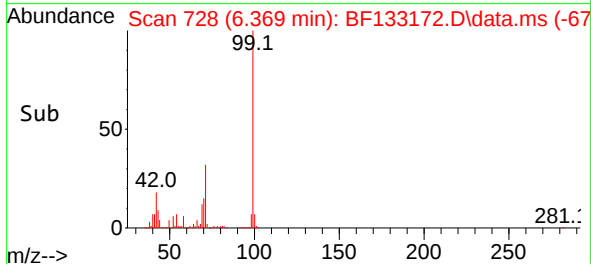
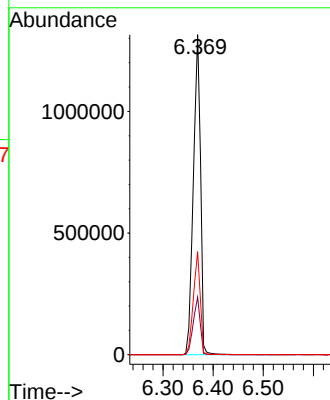
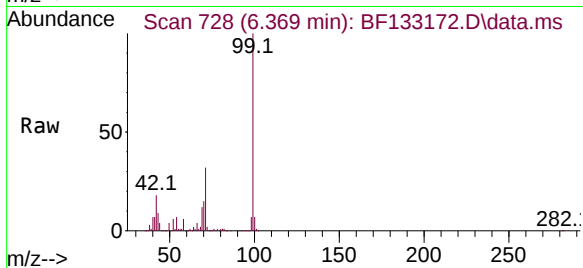
BNA_F

ClientSampleId :

HR-01-042823

Tgt Ion: 99 Resp: 1304316

Ion	Ratio	Lower	Upper
99	100		
42	17.9	16.3	24.5
71	32.2	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

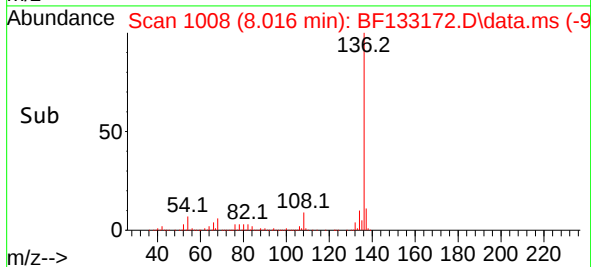
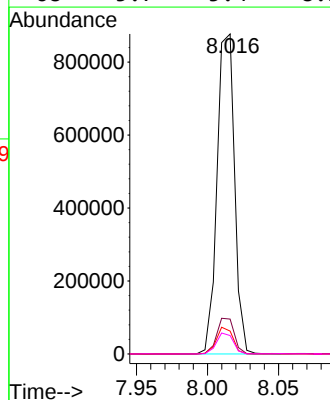
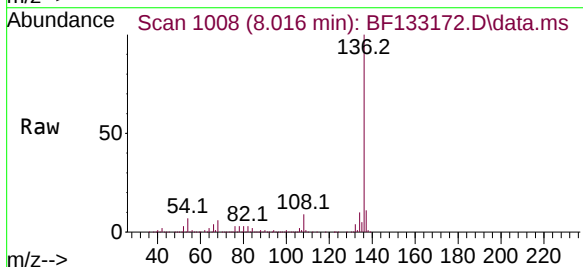
Delta R.T. 0.000 min

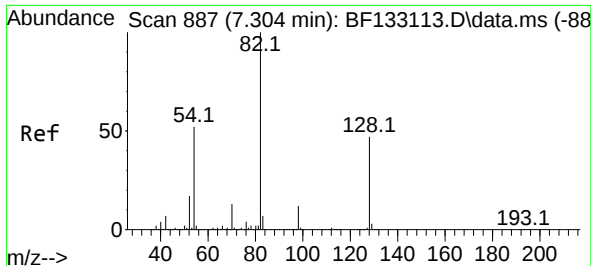
Lab File: BF133172.D

Acq: 01 May 2023 23:50

Tgt Ion:136 Resp: 750771

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.1	7.0	10.4
68	5.7	5.4	8.2





#23

Nitrobenzene-d5

Concen: 53.365 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133172.D

Acq: 01 May 2023 23:50

Instrument :

BNA_F

ClientSampleId :

HR-01-042823

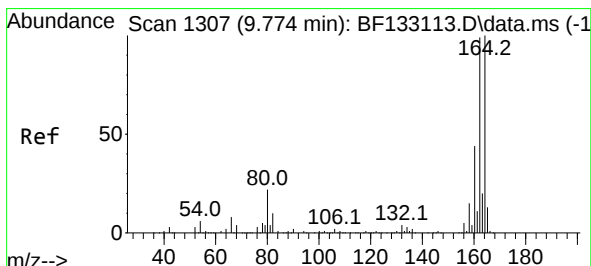
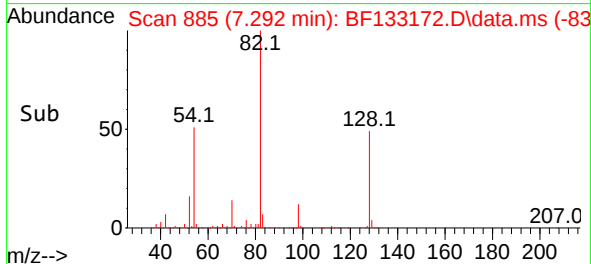
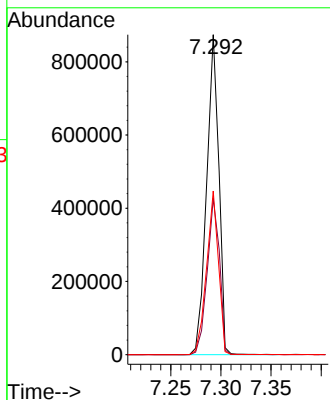
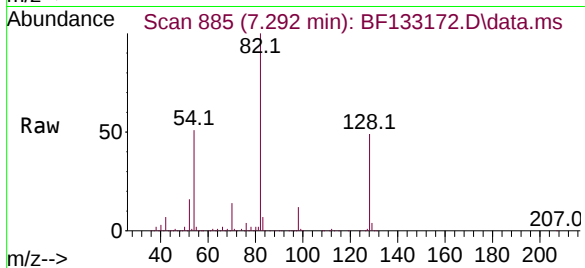
Tgt Ion: 82 Resp: 742265

Ion Ratio Lower Upper

82 100

128 48.9 37.7 56.5

54 51.2 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: BF133172.D

Acq: 01 May 2023 23:50

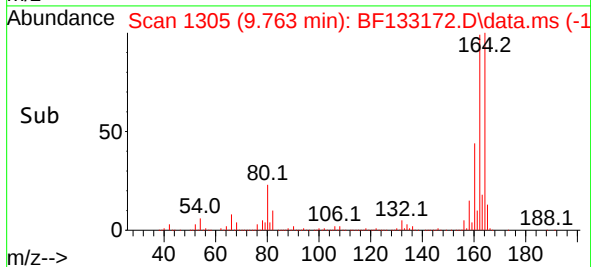
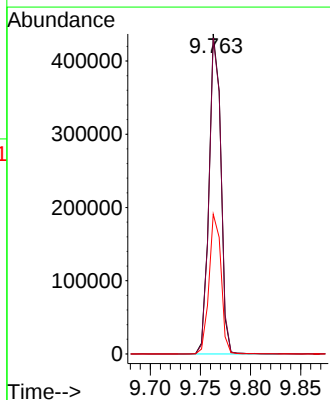
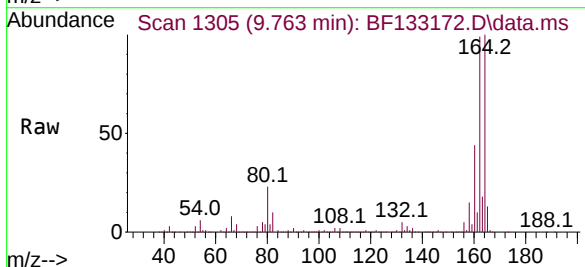
Tgt Ion: 164 Resp: 359650

Ion Ratio Lower Upper

164 100

162 98.7 78.7 118.1

160 43.7 35.8 53.6

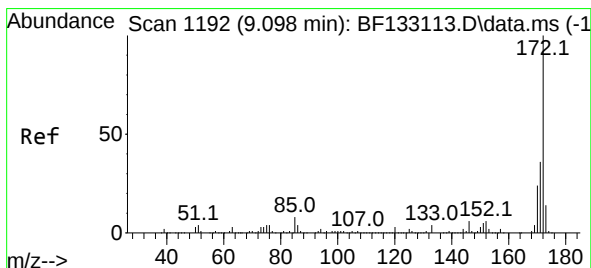
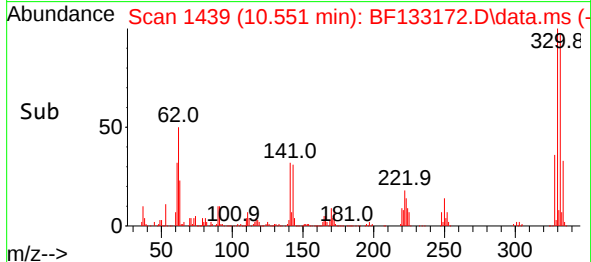
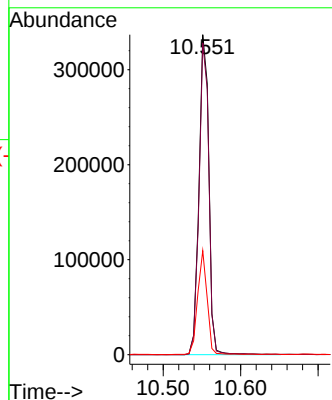
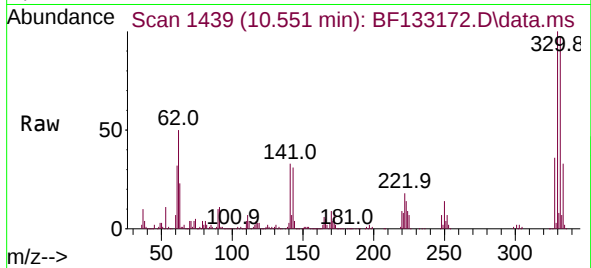




#42
2,4,6-Tribromophenol
Concen: 82.110 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133172.D
Acq: 01 May 2023 23:50

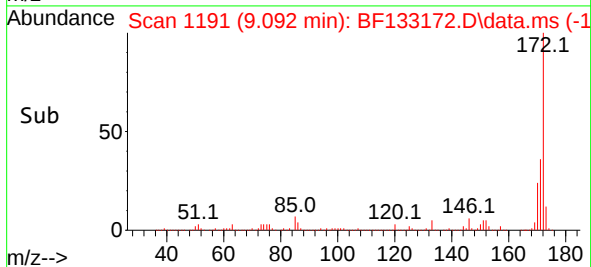
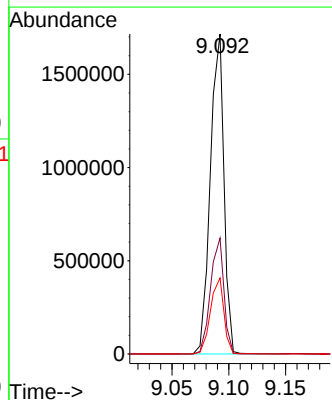
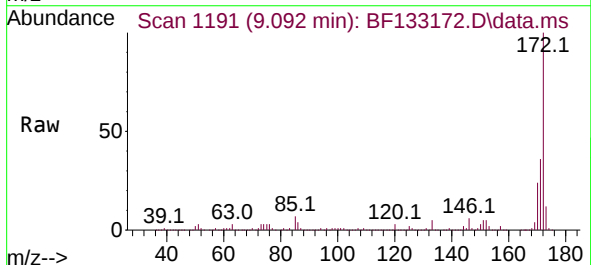
Instrument :
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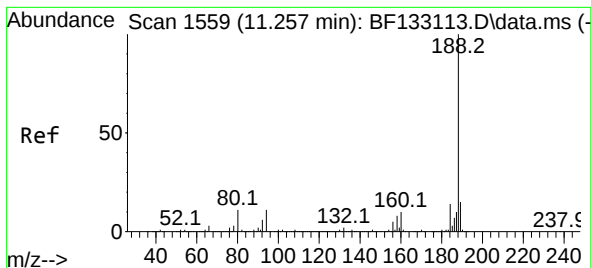
Tgt Ion:330 Resp: 296988
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 31.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 66.474 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133172.D
Acq: 01 May 2023 23:50

Tgt Ion:172 Resp: 1429022
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.7 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: BF133172.D

Acq: 01 May 2023 23:50

Instrument :

BNA_F

ClientSampleId :

HR-01-042823

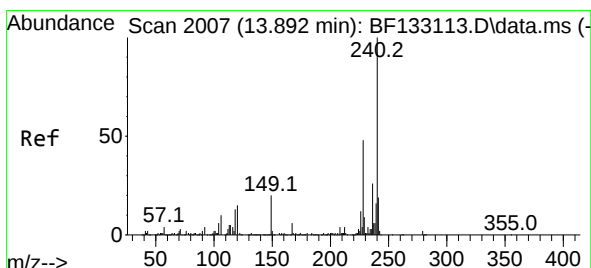
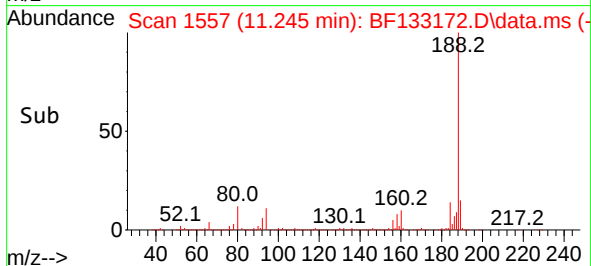
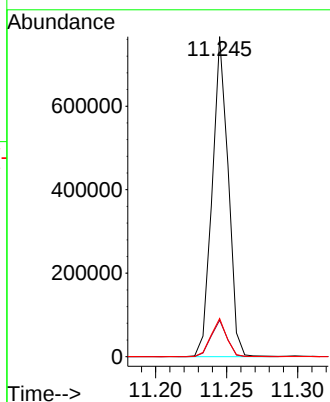
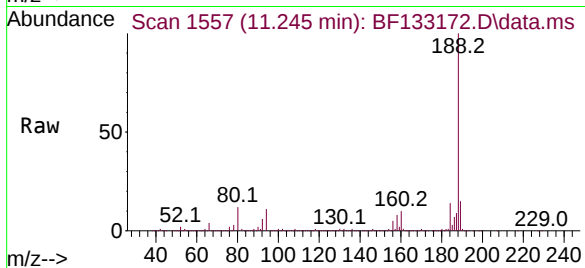
Tgt Ion:188 Resp: 601821

Ion Ratio Lower Upper

188 100

94 11.4 9.7 14.5

80 12.0 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: BF133172.D

Acq: 01 May 2023 23:50

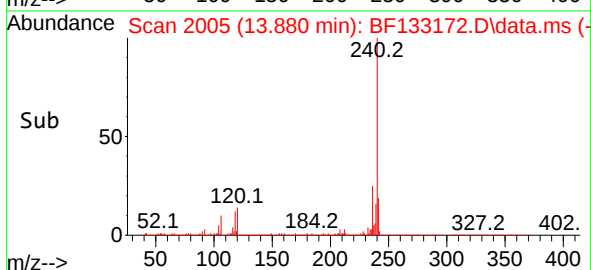
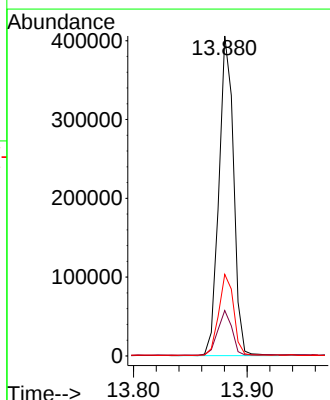
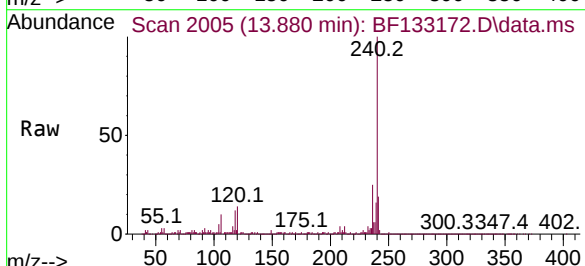
Tgt Ion:240 Resp: 364311

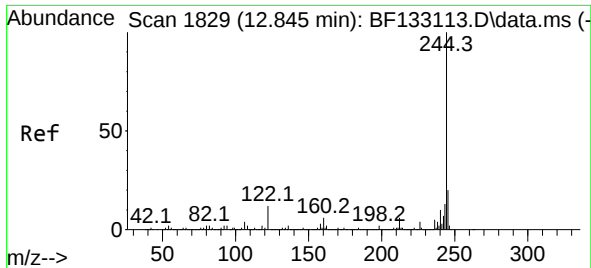
Ion Ratio Lower Upper

240 100

120 14.2 10.5 15.7

236 25.5 21.5 32.3

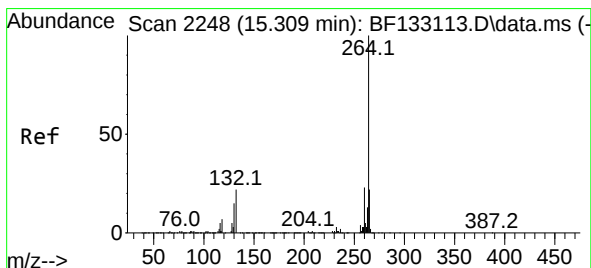
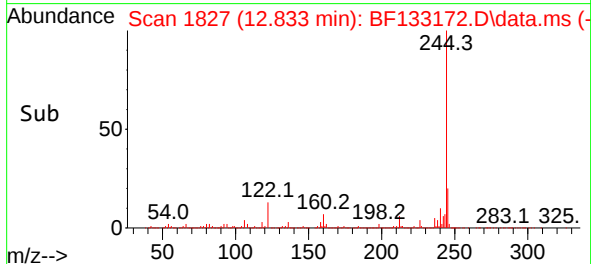
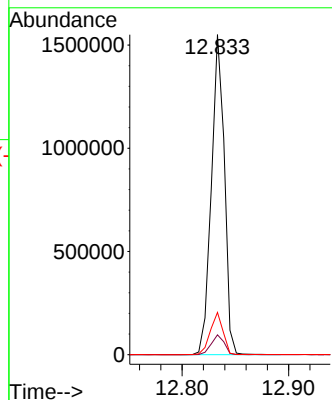
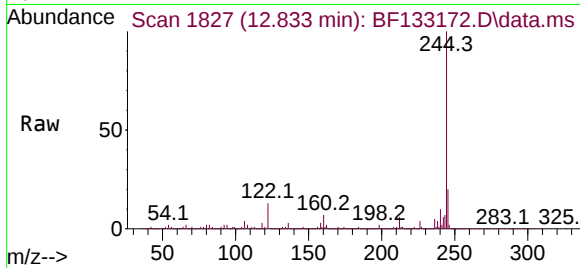




#79
 Terphenyl-d14
 Concen: 62.307 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF133172.D
 Acq: 01 May 2023 23:50

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-042823

Tgt Ion:244 Resp: 1316147
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 13.2 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF133172.D
 Acq: 01 May 2023 23:50

Tgt Ion:264 Resp: 308107
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.1 17.0 25.4

