

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133654.D
 Acq On : 08 Jun 2023 22:56
 Operator : CG\JU
 Sample : PB153207BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153207BL

Quant Time: Jun 09 01:50:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:43:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	100840	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	345351	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	145255	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	264714	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	164350	20.000	ng	0.00
86) Perylene-d12	15.480	264	137091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	470915	77.916	ng	0.00
7) Phenol-d6	6.463	99	549787	73.895	ng	0.00
23) Nitrobenzene-d5	7.398	82	334798	64.728	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	124246	85.810	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	607584	64.560	ng	0.00
79) Terphenyl-d14	12.957	244	585748	63.368	ng	0.00

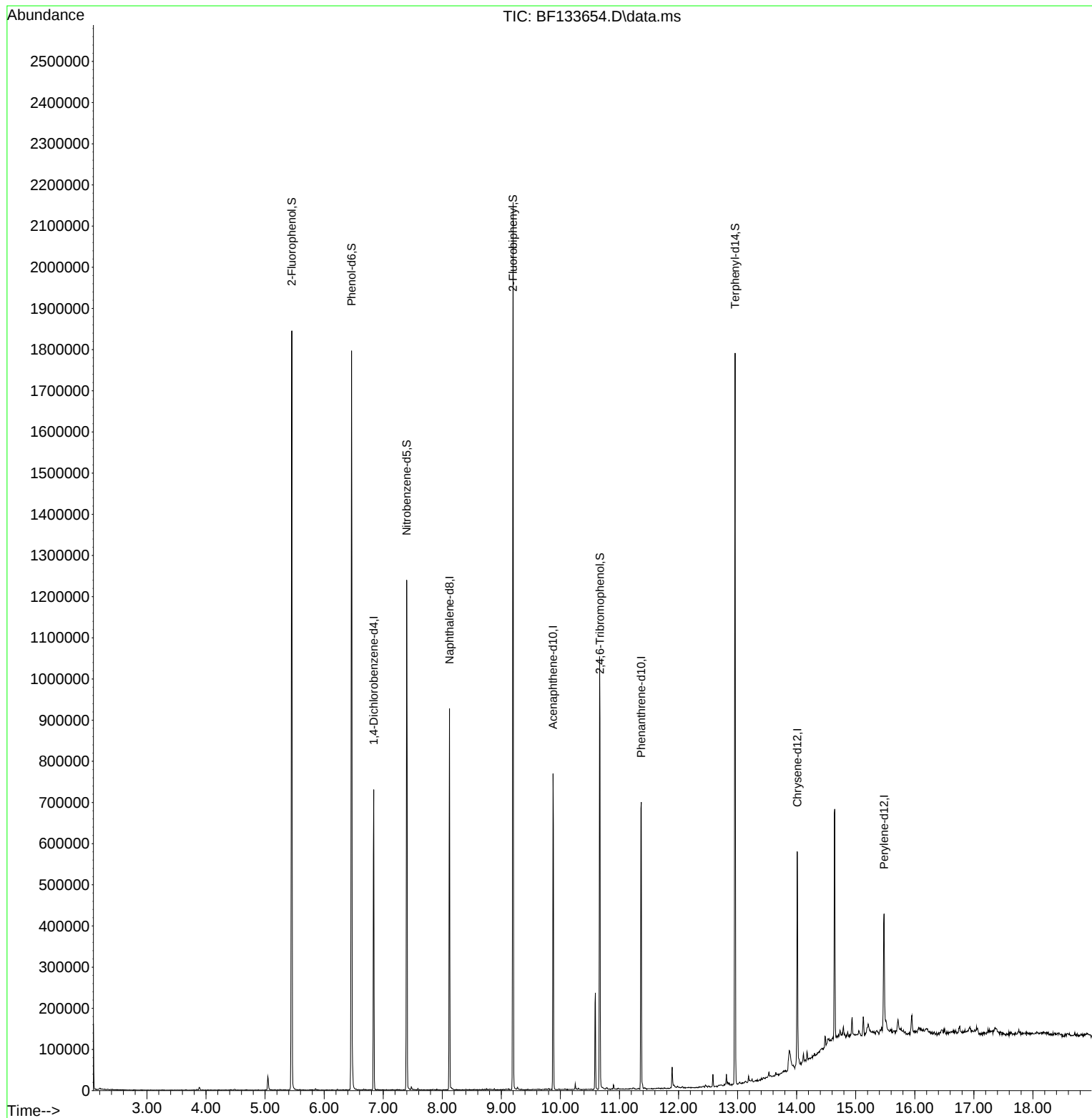
Target Compounds	Qvalue

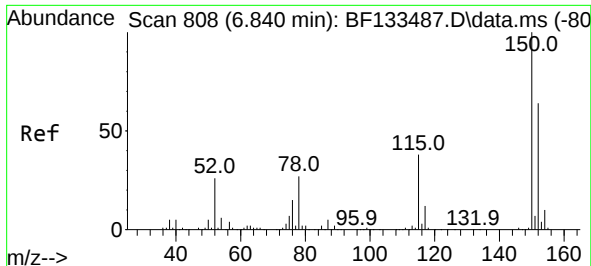
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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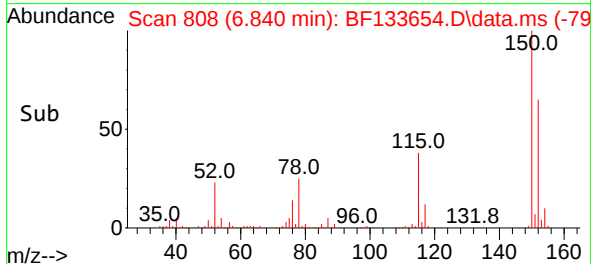
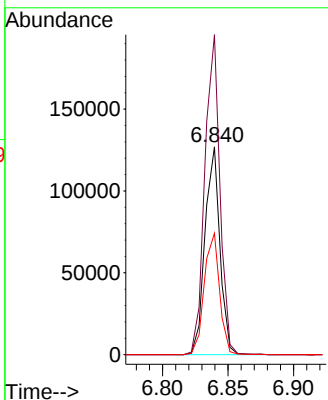
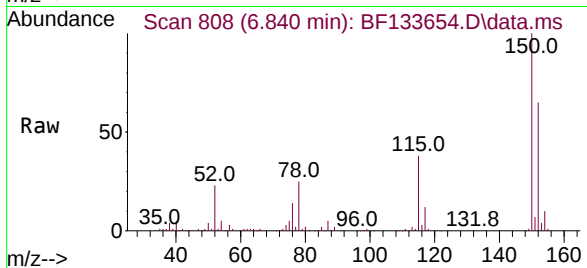




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 808
 Delta R.T. 0.001 min
 Lab File: BF133654.D
 Acq: 08 Jun 2023 22:56

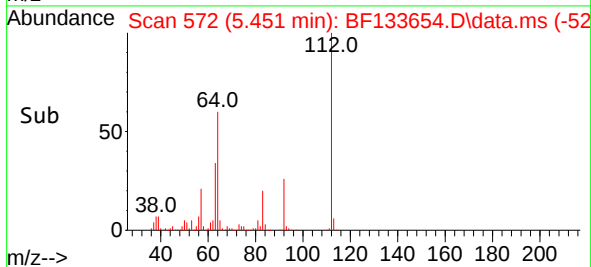
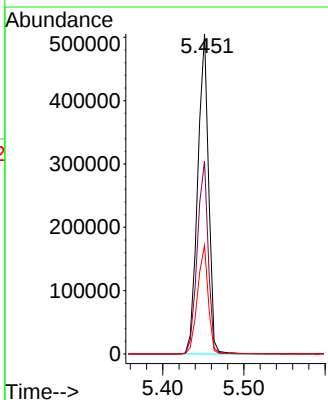
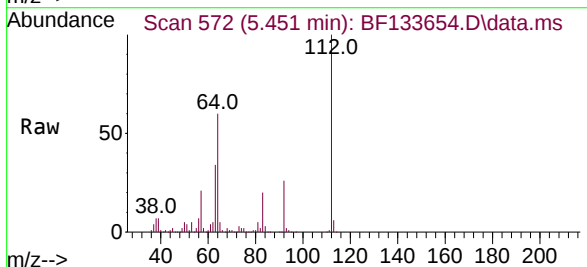
Instrument :
 BNA_F
 ClientSampleId :
 PB153207BL

Tgt Ion:152 Resp: 100840
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.9 187.3
 115 58.4 48.1 72.1



#5
 2-Fluorophenol
 Concen: 77.916 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.006 min
 Lab File: BF133654.D
 Acq: 08 Jun 2023 22:56

Tgt Ion:112 Resp: 470915
 Ion Ratio Lower Upper
 112 100
 64 60.3 50.1 75.1
 63 34.0 27.5 41.3

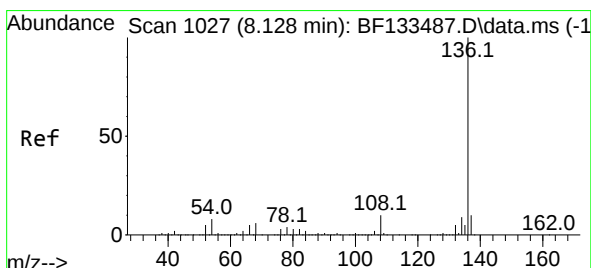
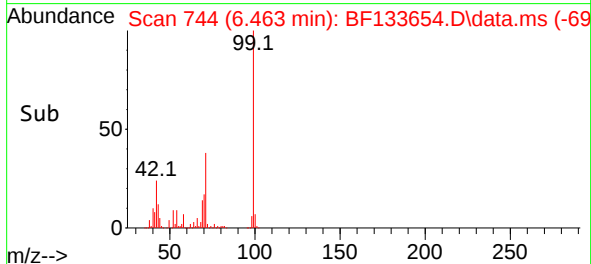
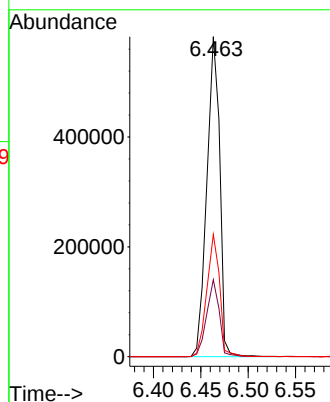
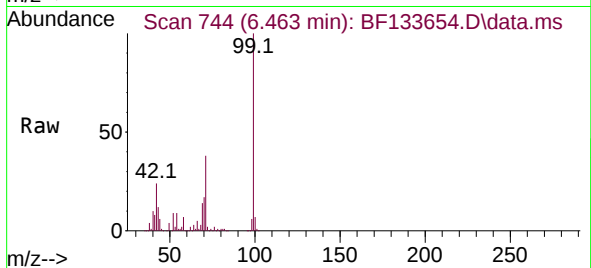




#7
Phenol-d6
Concen: 73.895 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

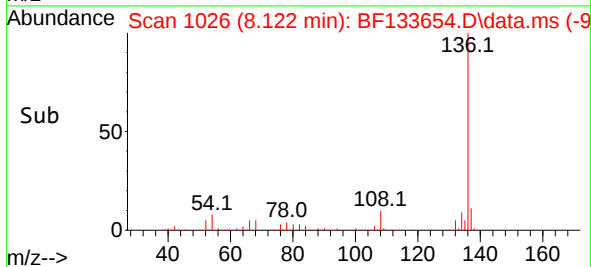
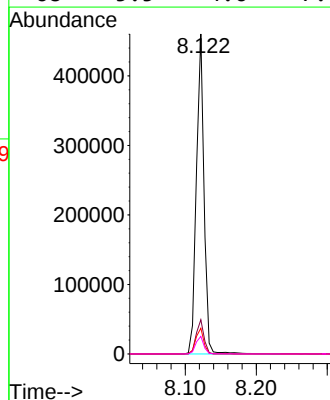
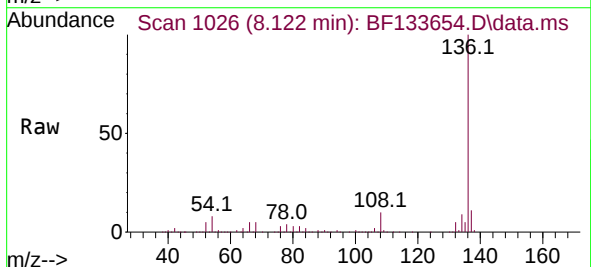
Instrument :
BNA_F
ClientSampleId :
PB153207BL

Tgt Ion: 99 Resp: 549787
Ion Ratio Lower Upper
99 100
42 24.1 19.7 29.5
71 38.2 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

Tgt Ion: 136 Resp: 345351
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 8.1 6.6 10.0
68 5.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 64.728 ng

RT: 7.398 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133654.D

Acq: 08 Jun 2023 22:56

Instrument :

BNA_F

ClientSampleId :

PB153207BL

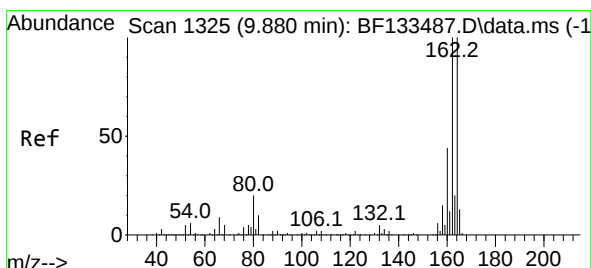
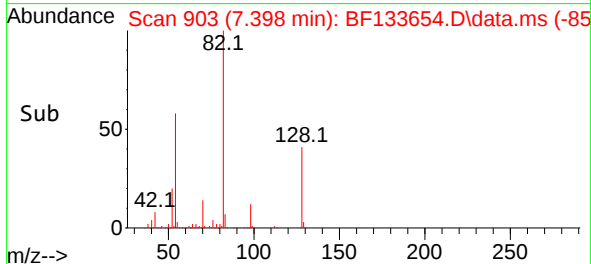
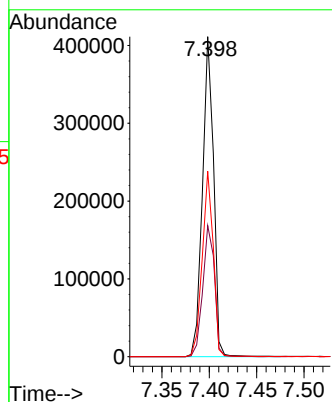
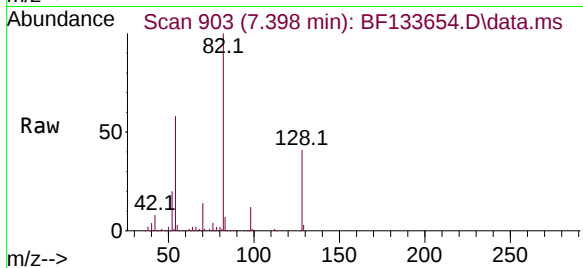
Tgt Ion: 82 Resp: 334798

Ion Ratio Lower Upper

82 100

128 41.0 34.2 51.4

54 57.9 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133654.D

Acq: 08 Jun 2023 22:56

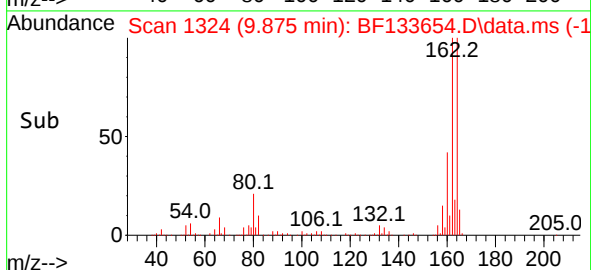
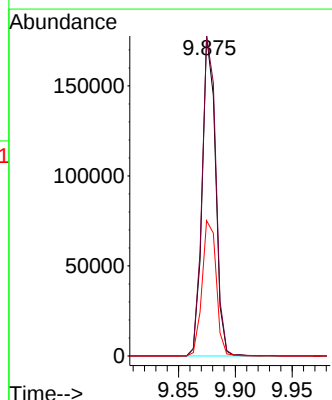
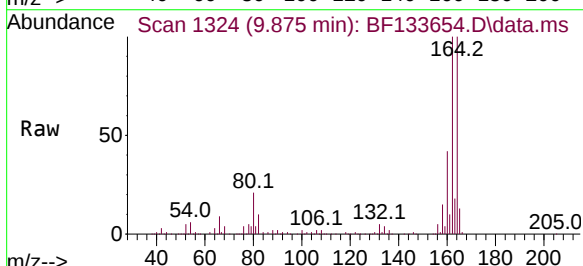
Tgt Ion: 164 Resp: 145255

Ion Ratio Lower Upper

164 100

162 99.9 79.7 119.5

160 42.3 35.4 53.0

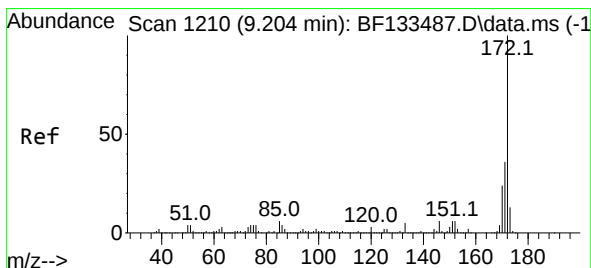
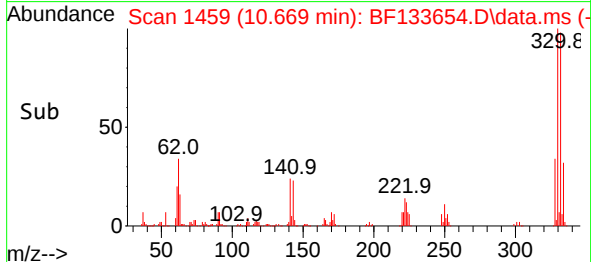
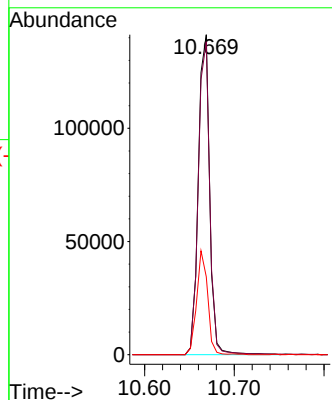
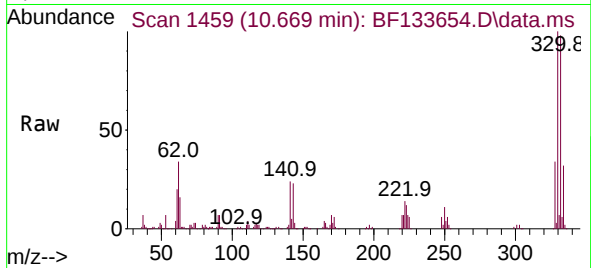




#42
2,4,6-Tribromophenol
Concen: 85.810 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

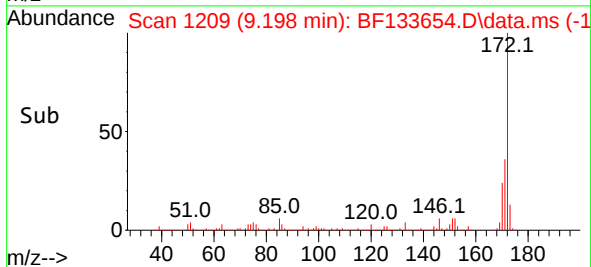
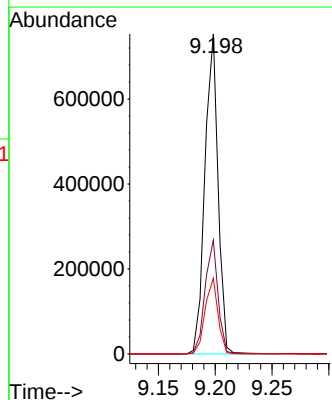
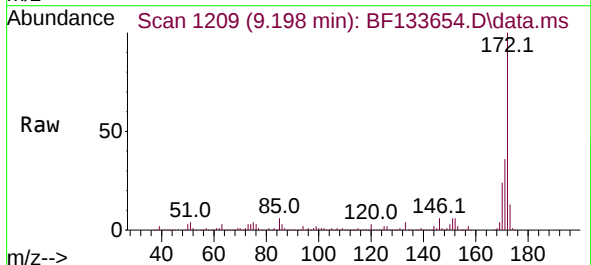
Instrument :
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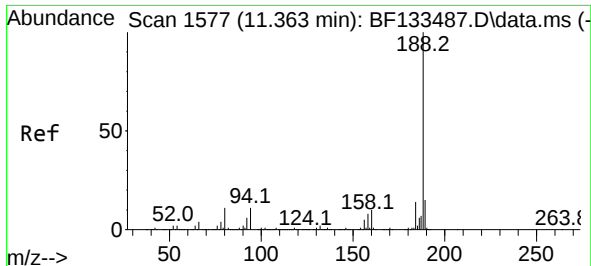
Tgt Ion:330 Resp: 124246
Ion Ratio Lower Upper
330 100
332 98.5 77.8 116.6
141 31.5 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 64.560 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

Tgt Ion:172 Resp: 607584
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.7 19.3 28.9

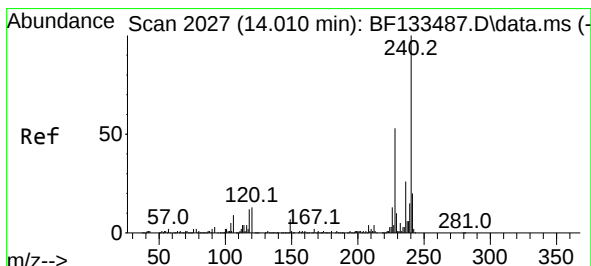
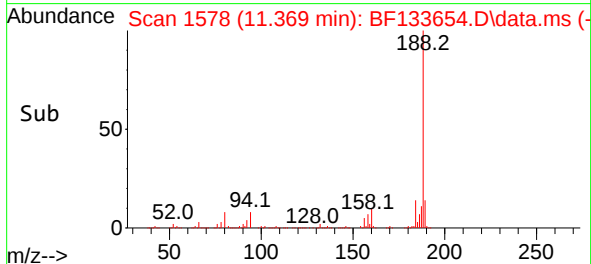
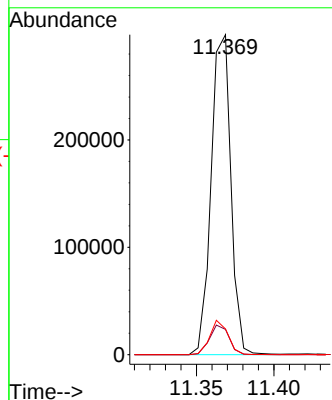
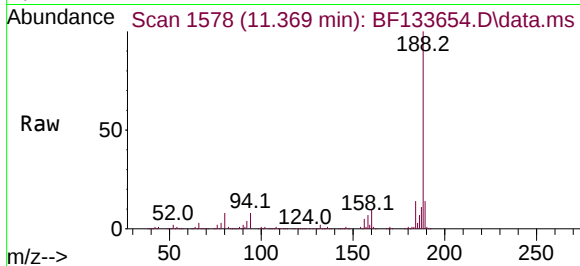




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

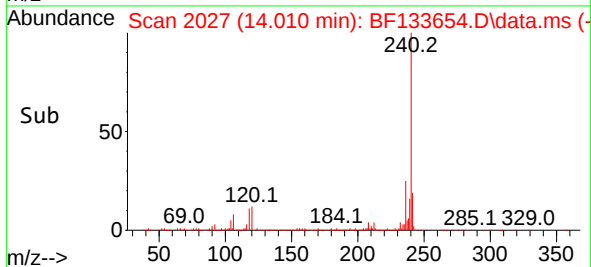
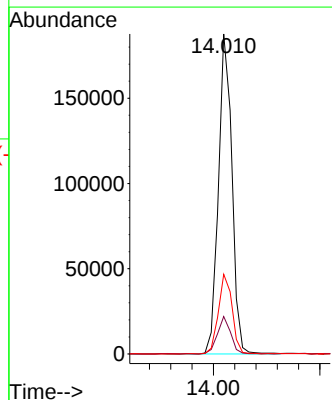
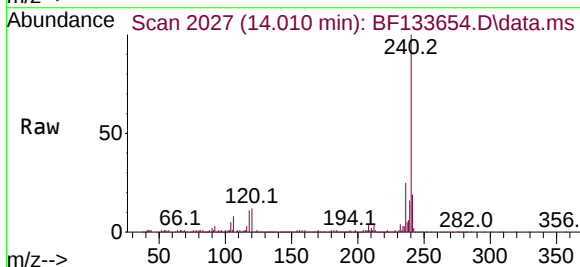
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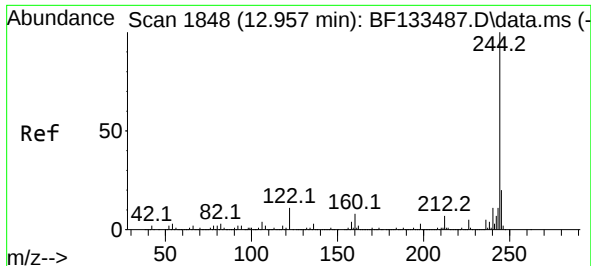
Tgt Ion:188 Resp: 264714
Ion Ratio Lower Upper
188 100
94 7.9 8.6 12.8#
80 8.1 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

Tgt Ion:240 Resp: 164350
Ion Ratio Lower Upper
240 100
120 11.7 10.3 15.5
236 24.9 20.5 30.7

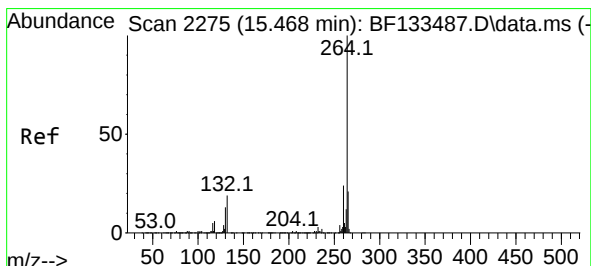
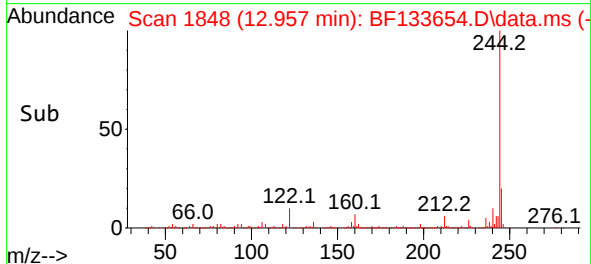
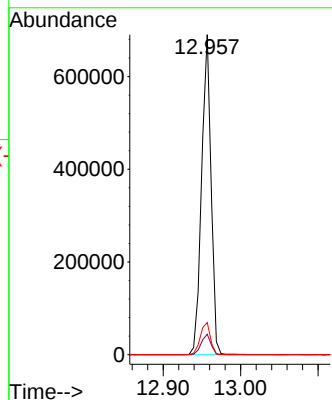
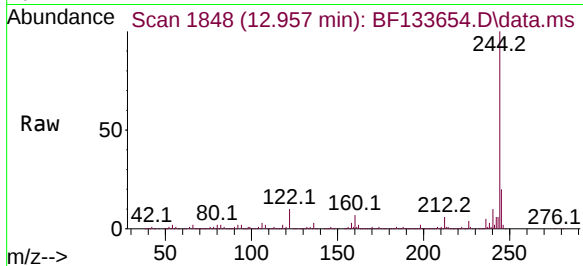




#79
 Terphenyl-d14
 Concen: 63.368 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133654.D
 Acq: 08 Jun 2023 22:56

Instrument :
 BNA_F
 ClientSampleId :
 PB153207BL

Tgt Ion:244 Resp: 585748
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.6
 122 10.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF133654.D
 Acq: 08 Jun 2023 22:56

Tgt Ion:264 Resp: 137091
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.0 16.8 25.2

