

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133594.D
 Acq On : 06 Jun 2023 16:32
 Operator : CG\JU
 Sample : 02983-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC19

Quant Time: Jun 06 16:53:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	147505	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	542292	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	231899	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	374022	20.000	ng	0.00
76) Chrysene-d12	14.004	240	210853	20.000	ng	0.00
86) Perylene-d12	15.474	264	168531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	757449	85.677	ng	0.00
7) Phenol-d6	6.463	99	910662	83.677	ng	0.00
23) Nitrobenzene-d5	7.398	82	564265	69.474	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	197378	85.386	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	975519	64.927	ng	0.00
79) Terphenyl-d14	12.951	244	767068	64.682	ng	0.00

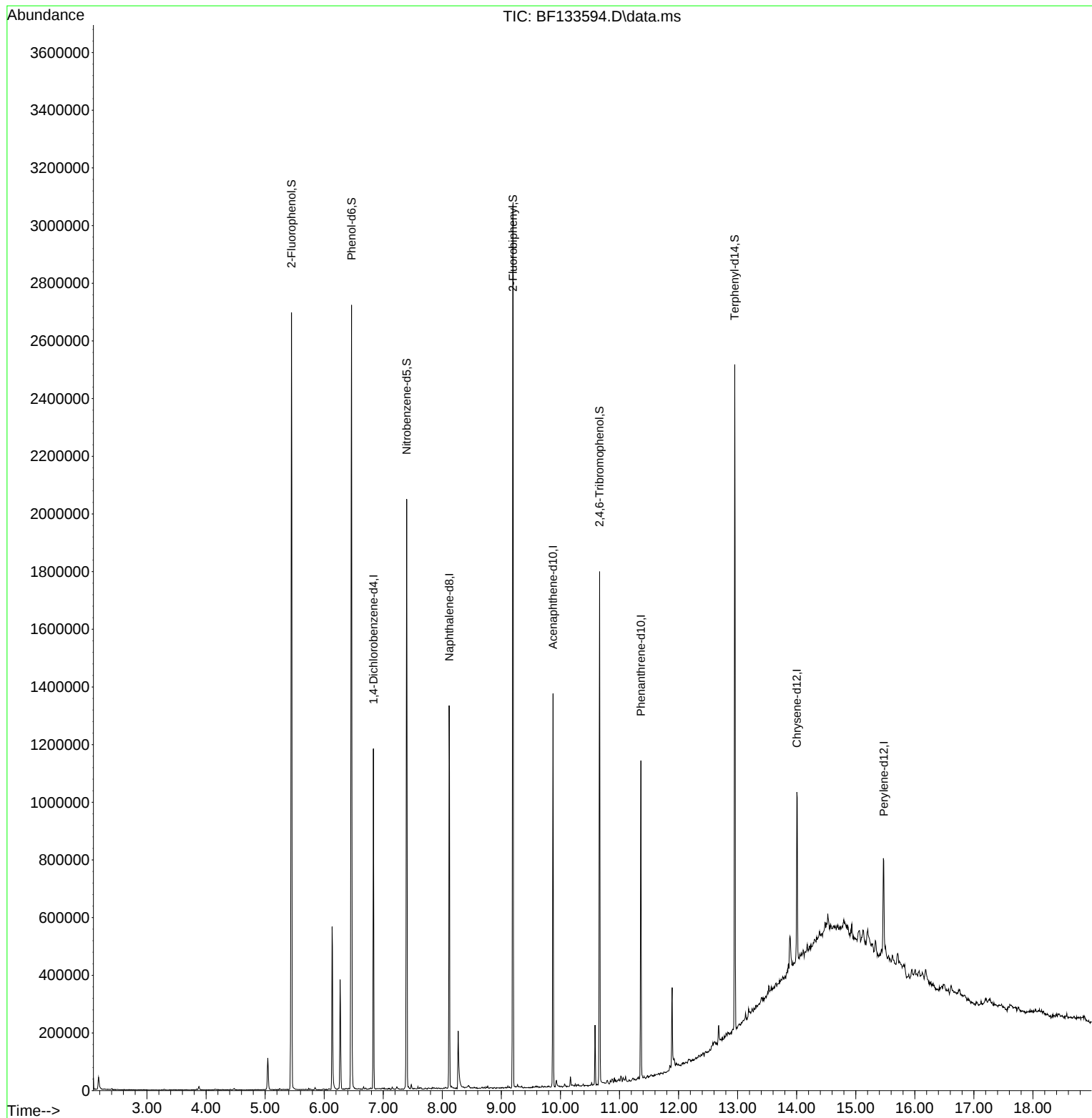
Target Compounds	Qvalue

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

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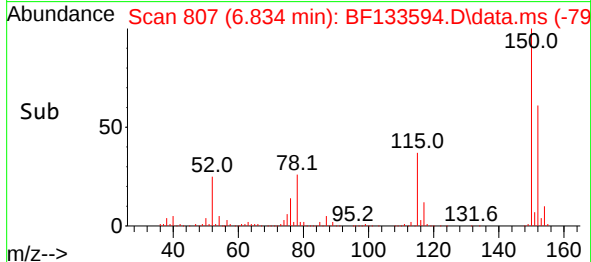
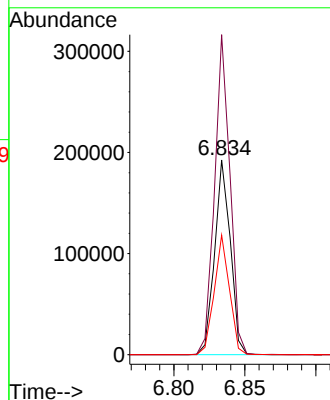
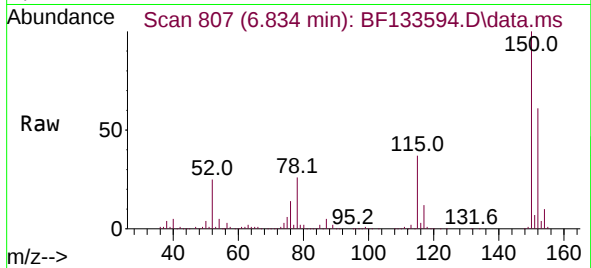




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

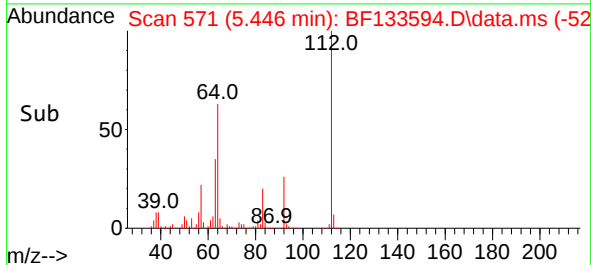
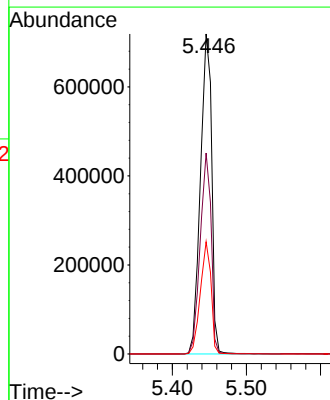
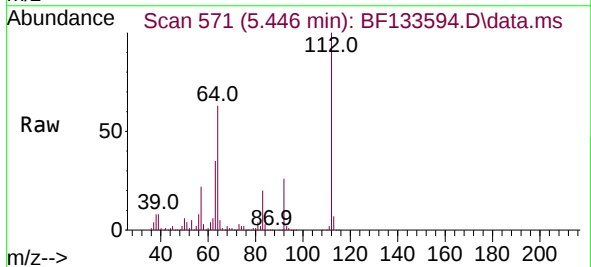
Instrument :
BNA_F
ClientSampleId :
WC19

Tgt Ion:152 Resp: 147505
Ion Ratio Lower Upper
152 100
150 164.3 124.9 187.3
115 61.4 48.1 72.1



#5
2-Fluorophenol
Concen: 85.677 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

Tgt Ion:112 Resp: 757449
Ion Ratio Lower Upper
112 100
64 62.8 50.1 75.1
63 35.0 27.5 41.3

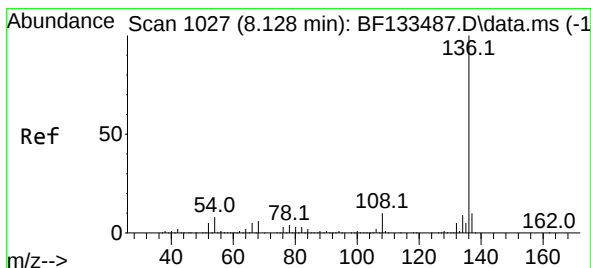
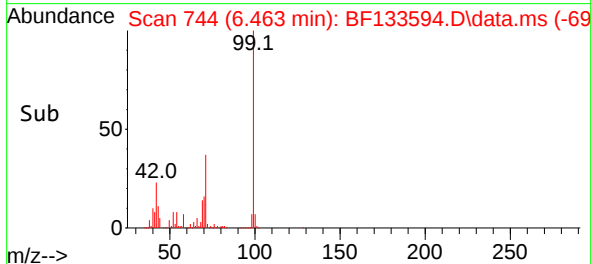
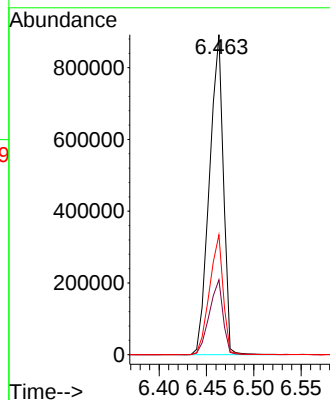
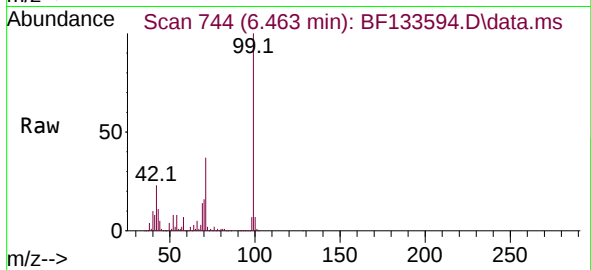




#7
Phenol-d6
Concen: 83.677 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

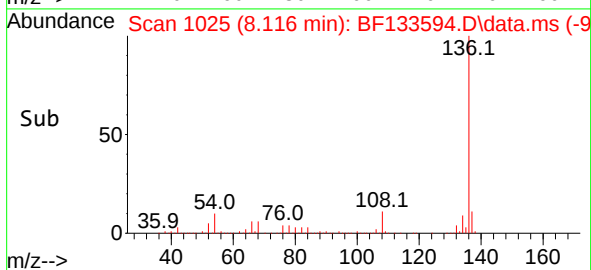
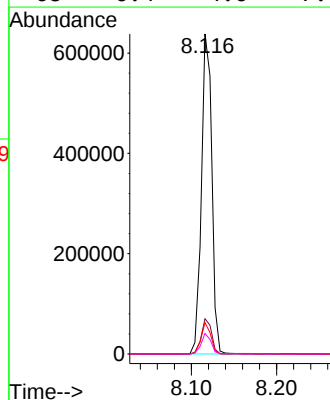
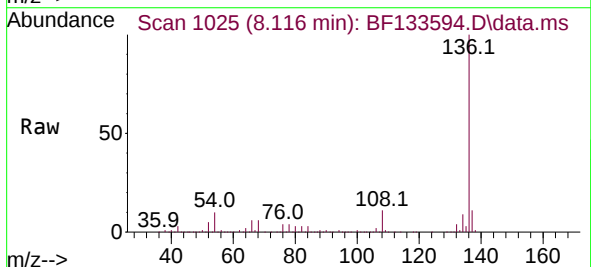
Instrument :
BNA_F
ClientSampleId :
WC19

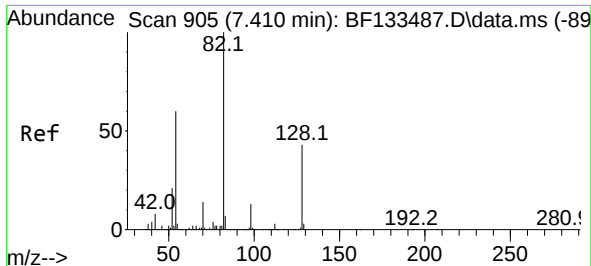
Tgt Ion: 99 Resp: 910662
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 37.4 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133594.D
Acq: 06 Jun 2023 16:32

Tgt Ion: 136 Resp: 542292
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 9.8 6.6 10.0
68 6.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 69.474 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133594.D

Acq: 06 Jun 2023 16:32

Instrument :

BNA_F

ClientSampleId :

WC19

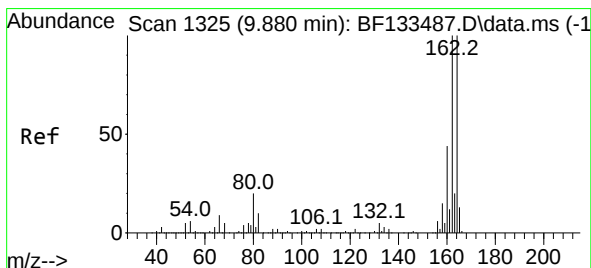
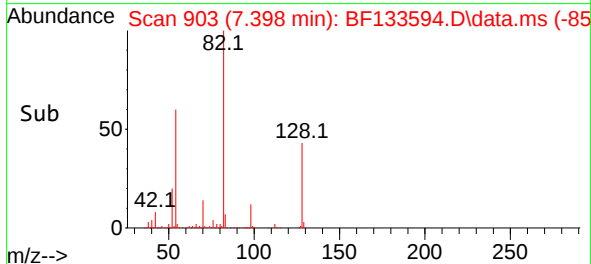
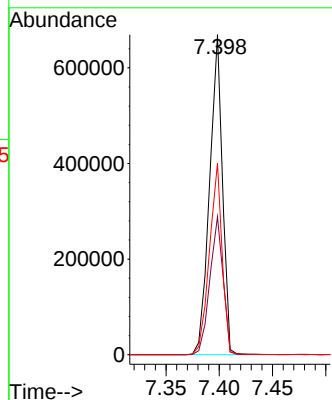
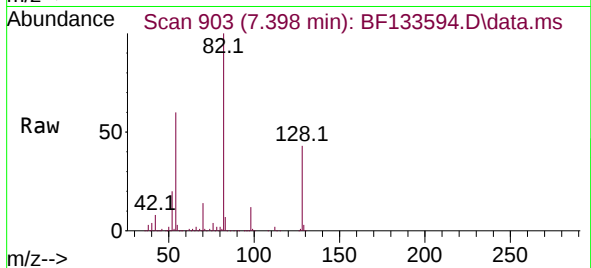
Tgt Ion: 82 Resp: 564265

Ion Ratio Lower Upper

82 100

128 43.1 34.2 51.4

54 59.9 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF133594.D

Acq: 06 Jun 2023 16:32

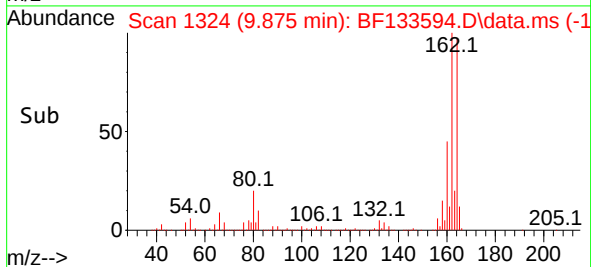
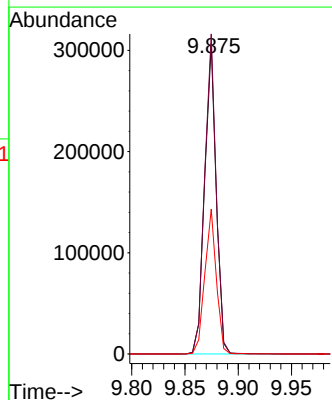
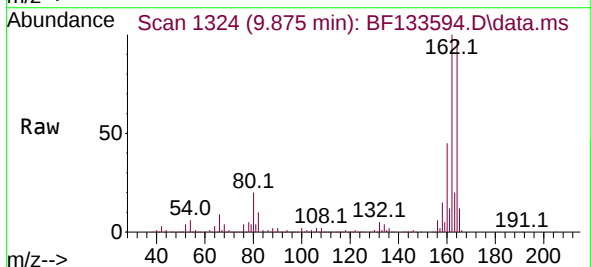
Tgt Ion: 164 Resp: 231899

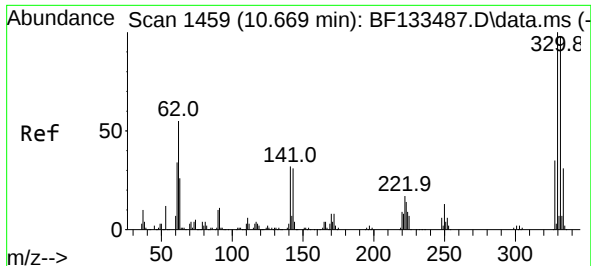
Ion Ratio Lower Upper

164 100

162 103.2 79.7 119.5

160 46.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 85.386 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133594.D

Acq: 06 Jun 2023 16:32

Instrument :

BNA_F

ClientSampleId :

WC19

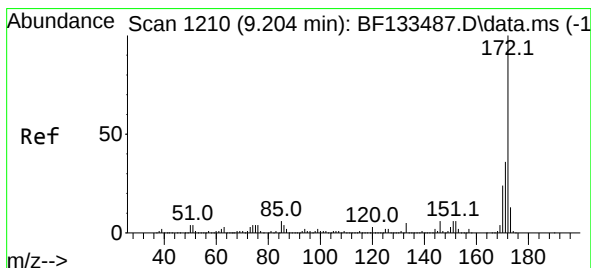
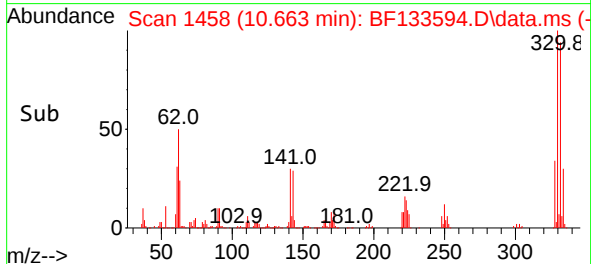
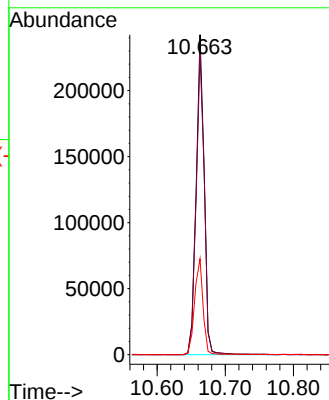
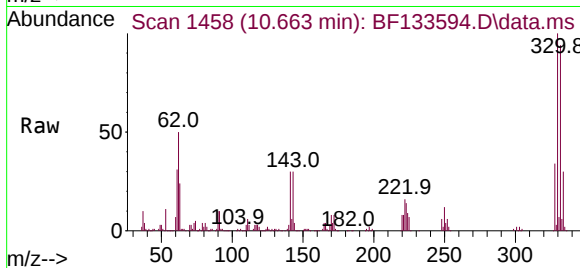
Tgt Ion:330 Resp: 197378

Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.6

141 31.5 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 64.927 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133594.D

Acq: 06 Jun 2023 16:32

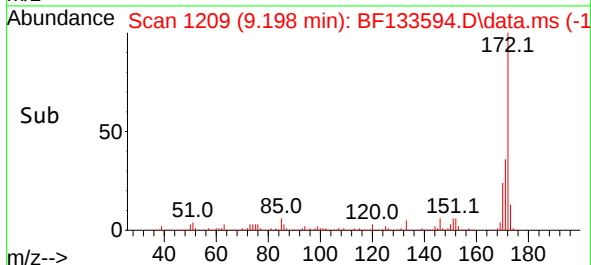
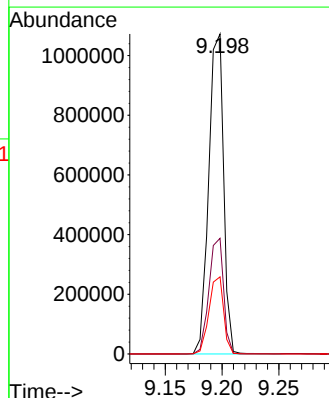
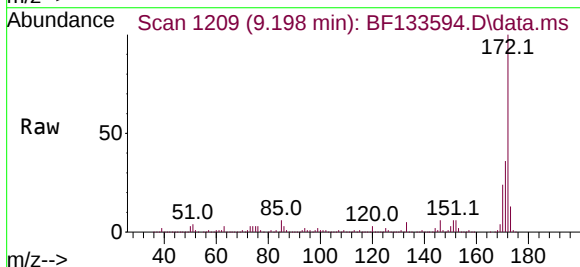
Tgt Ion:172 Resp: 975519

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.1 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133594.D

Acq: 06 Jun 2023 16:32

Instrument :

BNA_F

ClientSampleId :

WC19

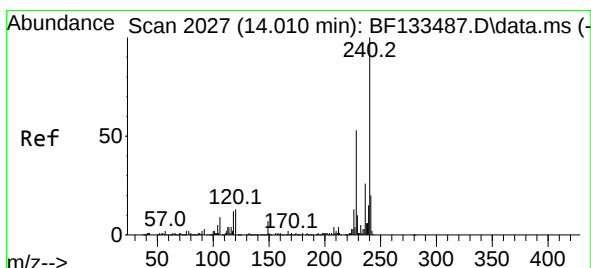
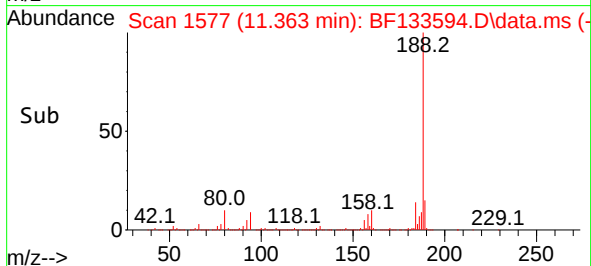
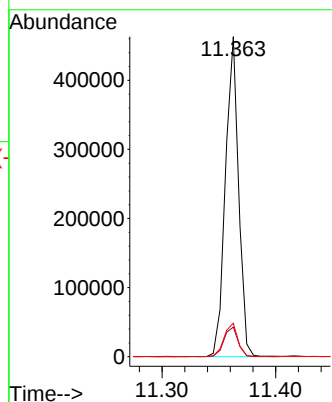
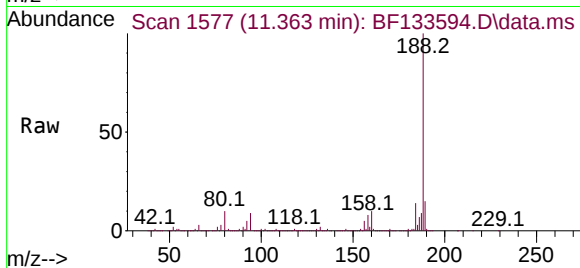
Tgt Ion:188 Resp: 374022

Ion Ratio Lower Upper

188 100

94 9.2 8.6 12.8

80 10.5 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF133594.D

Acq: 06 Jun 2023 16:32

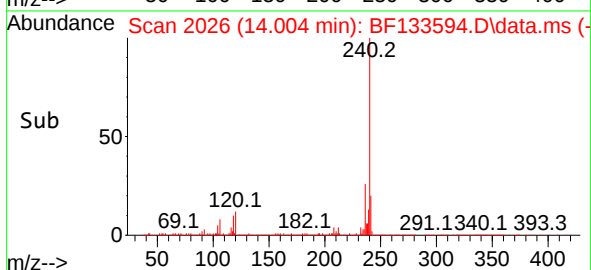
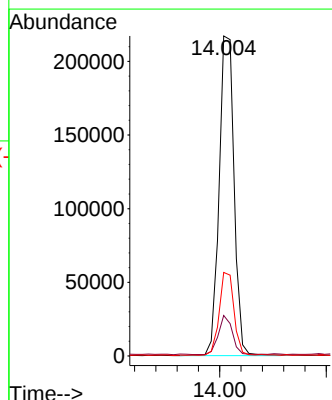
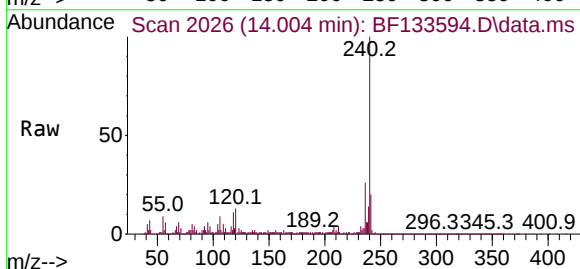
Tgt Ion:240 Resp: 210853

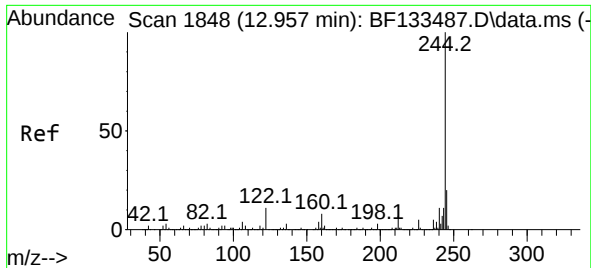
Ion Ratio Lower Upper

240 100

120 12.7 10.3 15.5

236 26.1 20.5 30.7

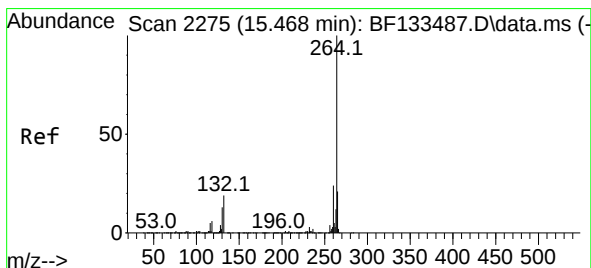
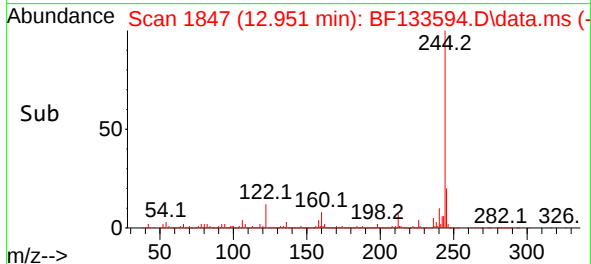
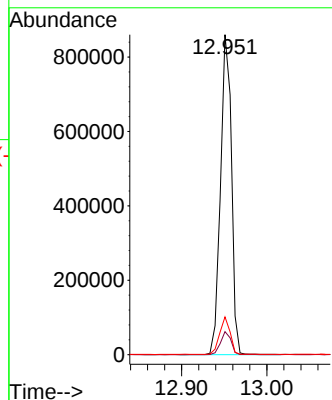
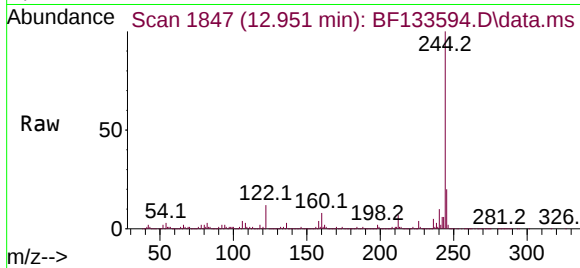




#79
 Terphenyl-d14
 Concen: 64.682 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133594.D
 Acq: 06 Jun 2023 16:32

Instrument :
 BNA_F
 ClientSampleId :
 WC19

Tgt Ion:244 Resp: 767068
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 11.8 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF133594.D
 Acq: 06 Jun 2023 16:32

Tgt Ion:264 Resp: 168531
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 20.8 16.8 25.2

