

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133572.D
 Acq On : 05 Jun 2023 18:37
 Operator : CG\JU
 Sample : 02986-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-0A

Quant Time: Jun 06 01:05:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	134676	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	487880	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	218125	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	372022	20.000	ng	0.00
76) Chrysene-d12	13.998	240	244377	20.000	ng	0.00
86) Perylene-d12	15.456	264	184742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	861733	106.758	ng	0.01
7) Phenol-d6	6.457	99	1034650	104.126	ng	0.00
23) Nitrobenzene-d5	7.398	82	636222	87.070	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	241527	111.082	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1135139	80.322	ng	0.00
79) Terphenyl-d14	12.951	244	1089890	79.296	ng	0.00

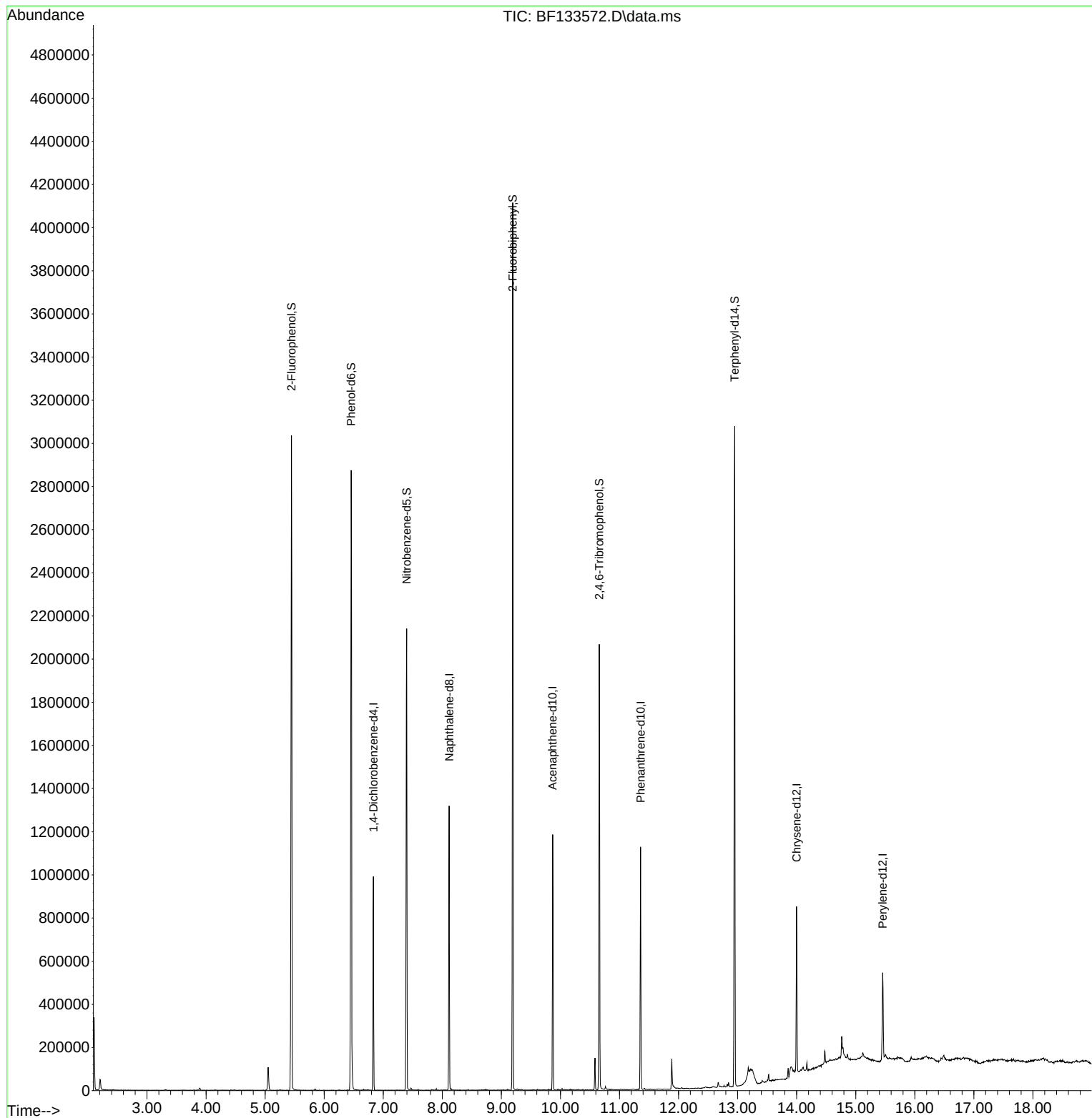
Target Compounds	Qvalue

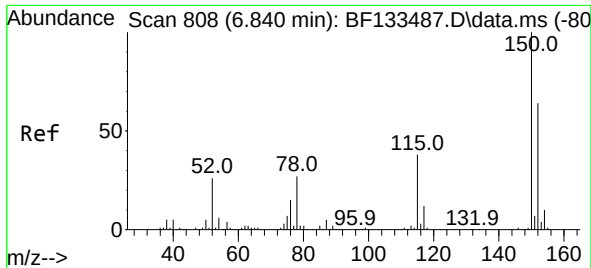
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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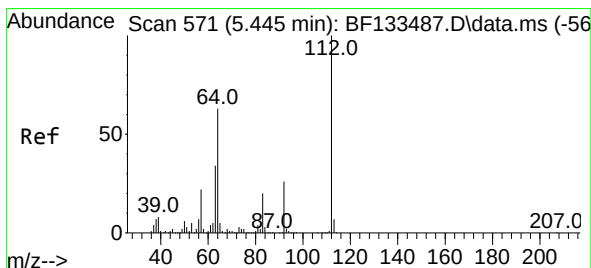
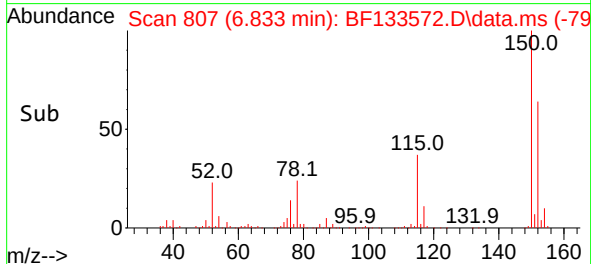
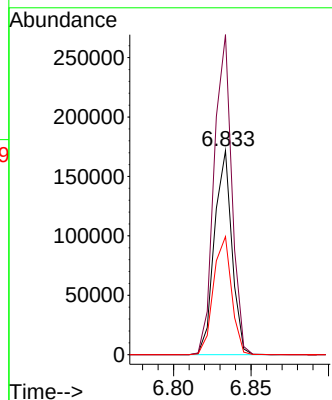
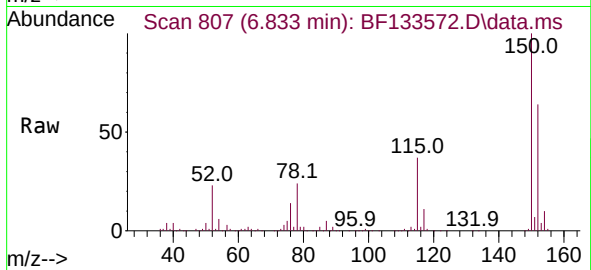




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

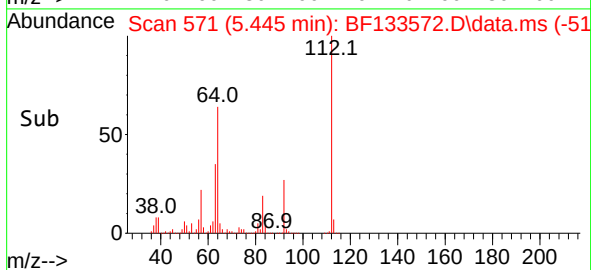
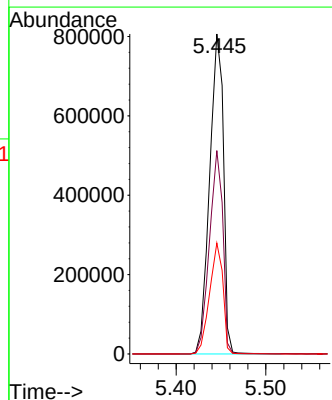
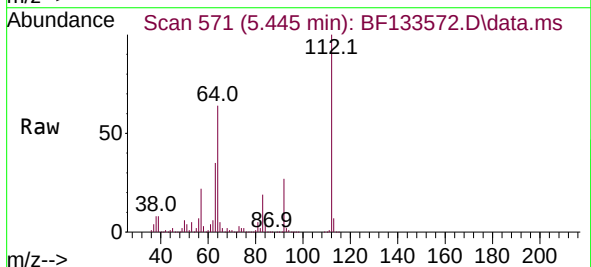
Instrument :
BNA_F
ClientSampleId :
TP-14-0A

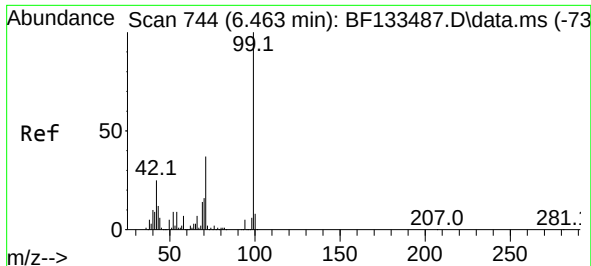
Tgt Ion:152 Resp: 134676
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 57.9 48.1 72.1



#5
2-Fluorophenol
Concen: 106.758 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

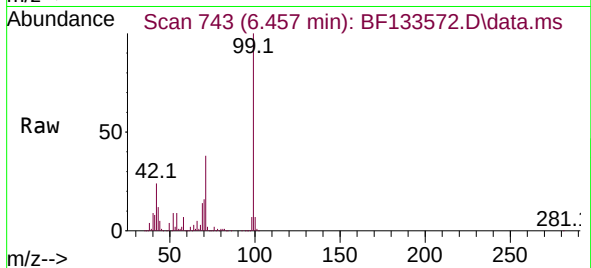
Tgt Ion:112 Resp: 861733
Ion Ratio Lower Upper
112 100
64 63.5 50.1 75.1
63 34.7 27.5 41.3





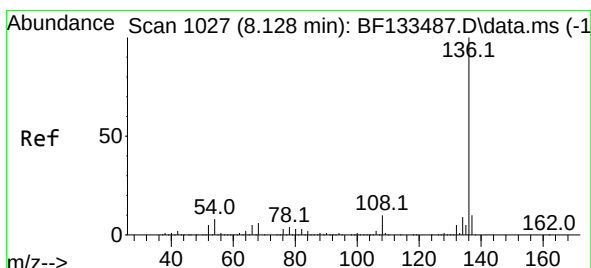
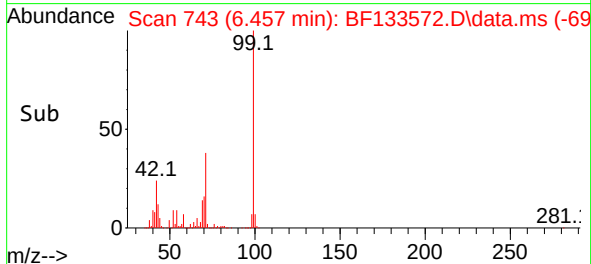
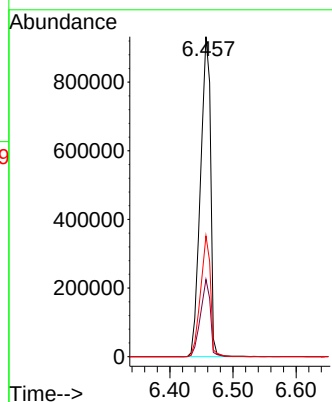
#7
Phenol-d6
Concen: 104.126 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

Instrument :
BNA_F
ClientSampleId :
TP-14-0A



Tgt Ion: 99 Resp: 1034650

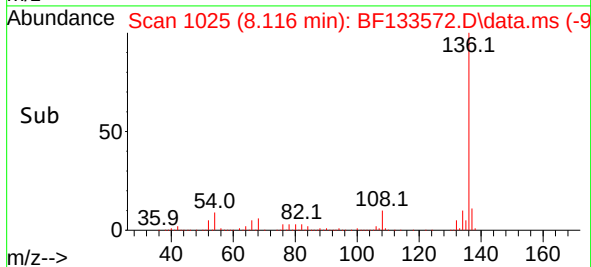
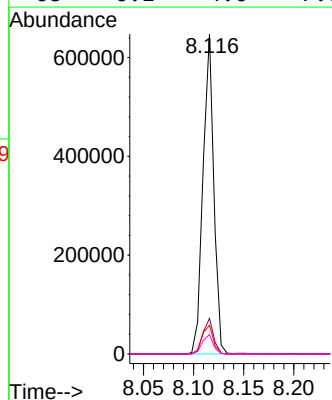
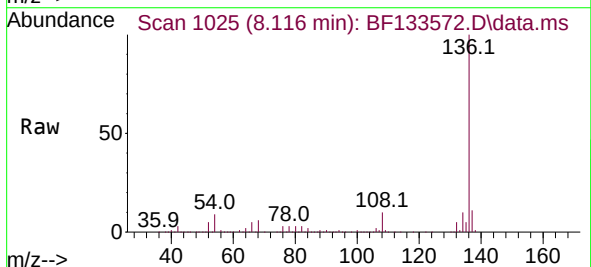
Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.7	29.5
71	37.7	29.8	44.8

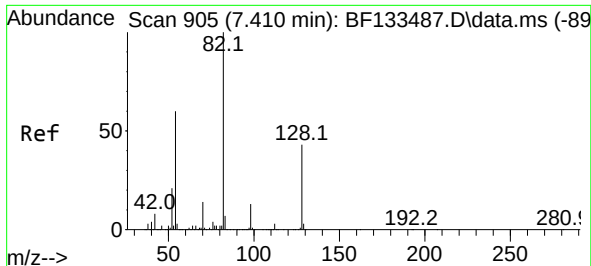


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

Tgt Ion: 136 Resp: 487880

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	9.0	6.6	10.0
68	6.1	4.6	7.0





#23

Nitrobenzene-d5

Concen: 87.070 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF133572.D

Acq: 05 Jun 2023 18:37

Instrument :

BNA_F

ClientSampleId :

TP-14-0A

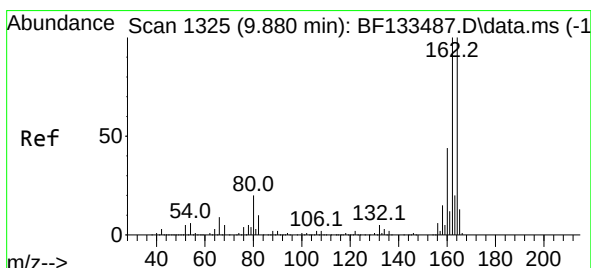
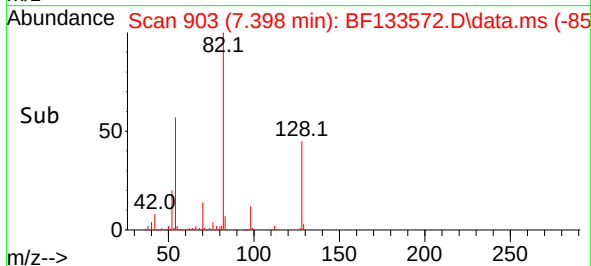
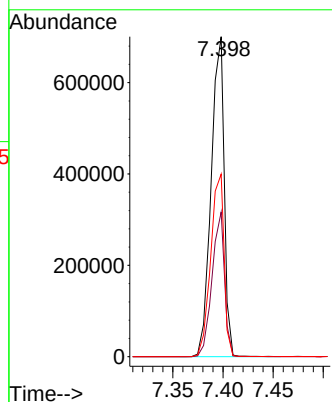
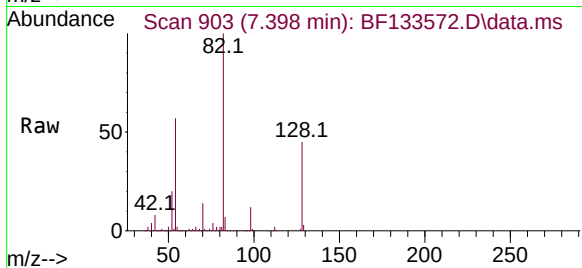
Tgt Ion: 82 Resp: 636222

Ion Ratio Lower Upper

82 100

128 45.2 34.2 51.4

54 57.1 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133572.D

Acq: 05 Jun 2023 18:37

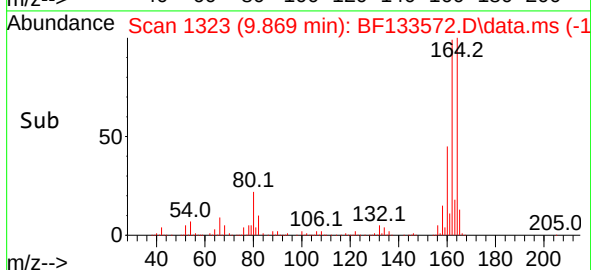
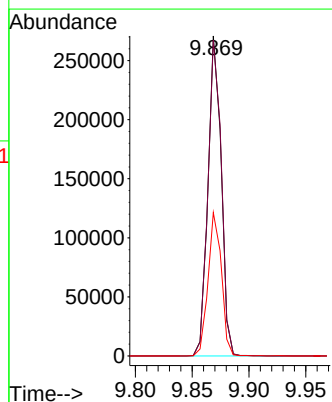
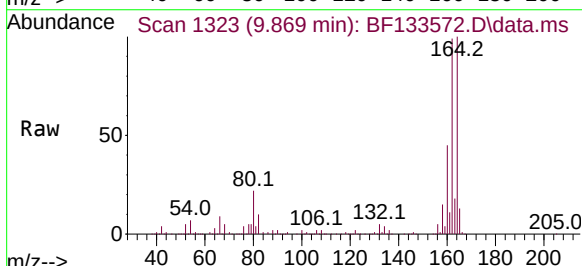
Tgt Ion: 164 Resp: 218125

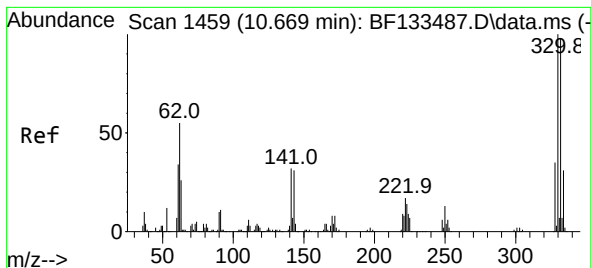
Ion Ratio Lower Upper

164 100

162 98.7 79.7 119.5

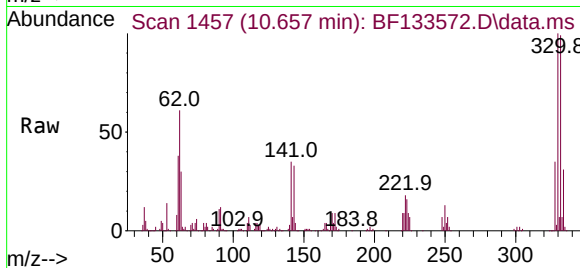
160 44.8 35.4 53.0



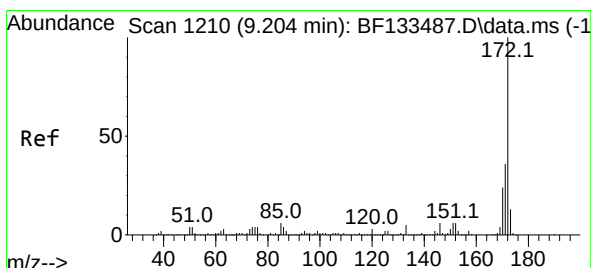
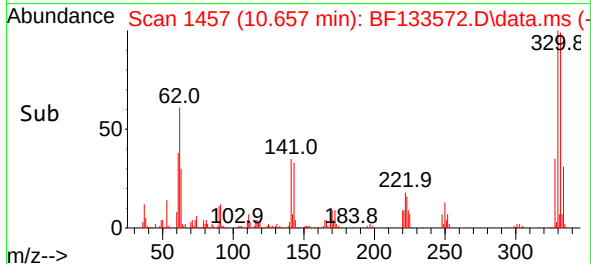
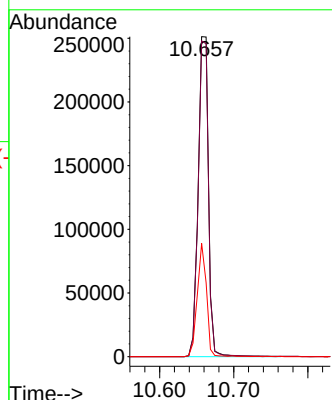


#42
2,4,6-Tribromophenol
Concen: 111.082 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

Instrument :
BNA_F
ClientSampleId :
TP-14-0A

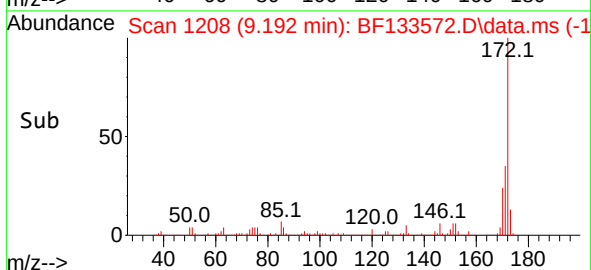
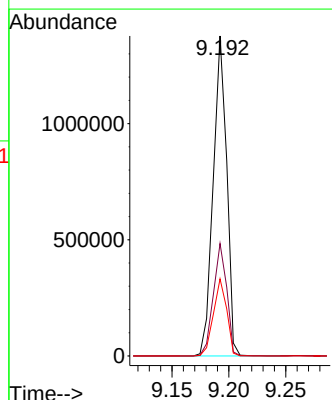
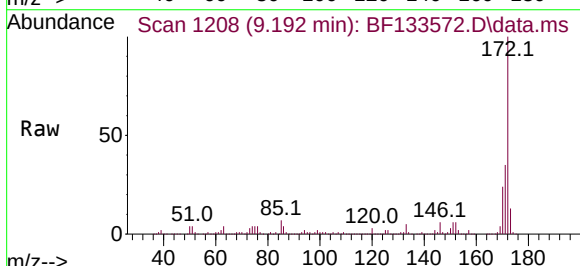


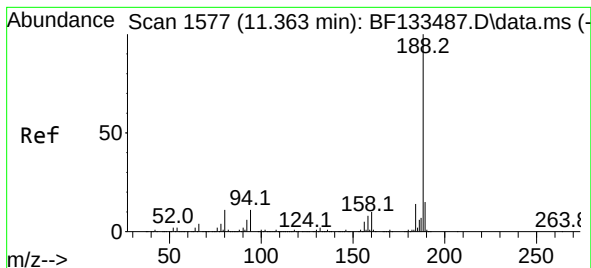
Tgt Ion:330 Resp: 241527
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.6
141 31.7 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 80.322 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF133572.D
Acq: 05 Jun 2023 18:37

Tgt Ion:172 Resp: 1135139
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 24.1 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133572.D

Acq: 05 Jun 2023 18:37

Instrument :

BNA_F

ClientSampleId :

TP-14-0A

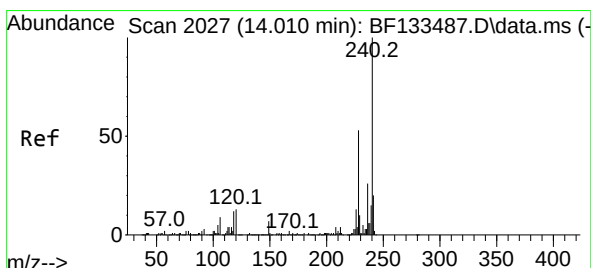
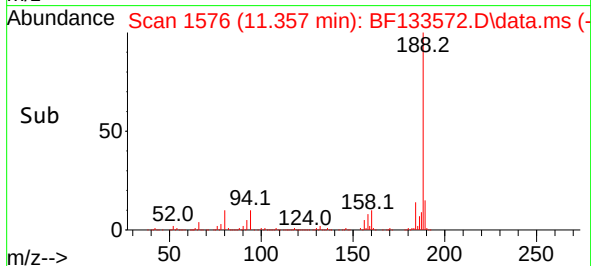
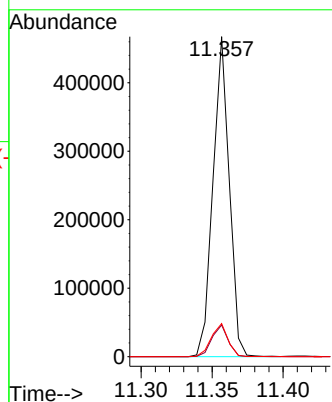
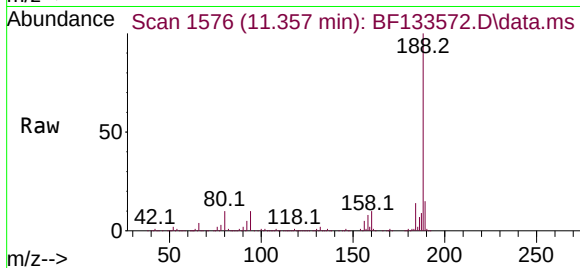
Tgt Ion:188 Resp: 372022

Ion Ratio Lower Upper

188 100

94 9.9 8.6 12.8

80 10.3 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133572.D

Acq: 05 Jun 2023 18:37

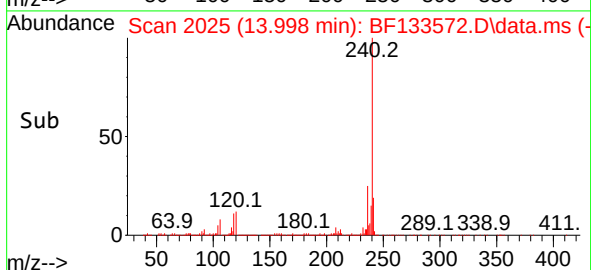
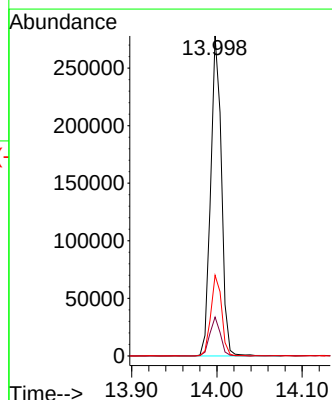
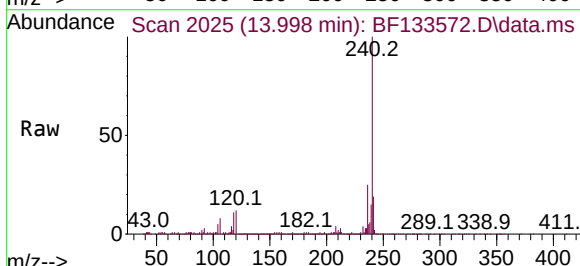
Tgt Ion:240 Resp: 244377

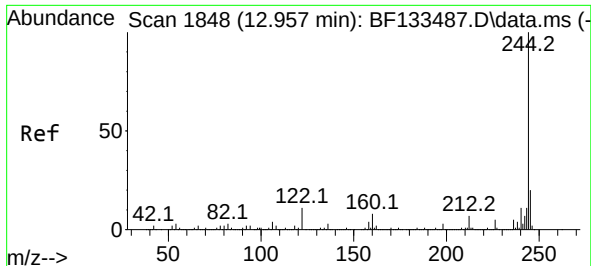
Ion Ratio Lower Upper

240 100

120 12.2 10.3 15.5

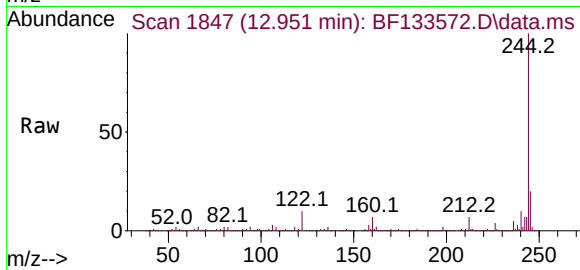
236 25.2 20.5 30.7



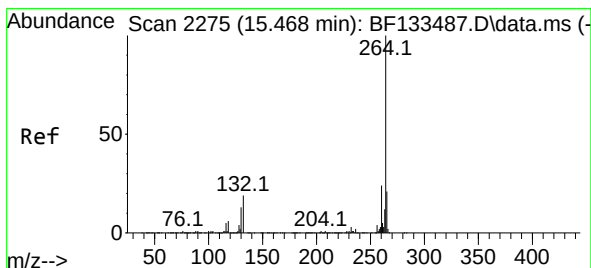
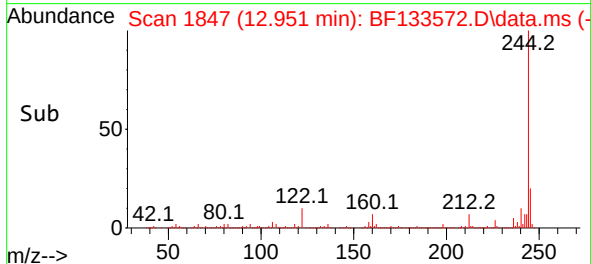
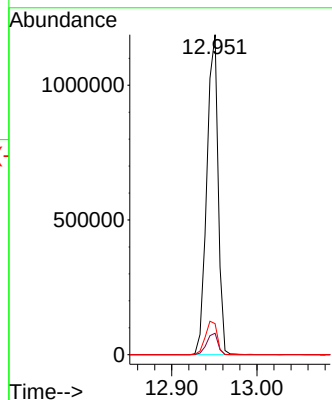


#79
 Terphenyl-d14
 Concen: 79.296 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.006 min
 Lab File: BF133572.D
 Acq: 05 Jun 2023 18:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-0A



Tgt Ion:244 Resp: 1089890
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 9.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: BF133572.D
 Acq: 05 Jun 2023 18:37

Tgt Ion:264 Resp: 184742
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 21.8 16.8 25.2

