

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133528.D
 Acq On : 30 May 2023 18:22
 Operator : CG\JU
 Sample : 02955-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP03

Quant Time: May 31 05:21:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	148713	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	561616	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	275587	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	534936	20.000	ng	0.00
76) Chrysene-d12	13.998	240	366059	20.000	ng	0.00
86) Perylene-d12	15.451	264	282574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	920126	103.232	ng	0.01
7) Phenol-d6	6.457	99	1135868	103.522	ng	0.00
23) Nitrobenzene-d5	7.398	82	717451	85.295	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	318692	116.011	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1271171	71.193	ng	0.00
79) Terphenyl-d14	12.951	244	1415994	68.776	ng	0.00

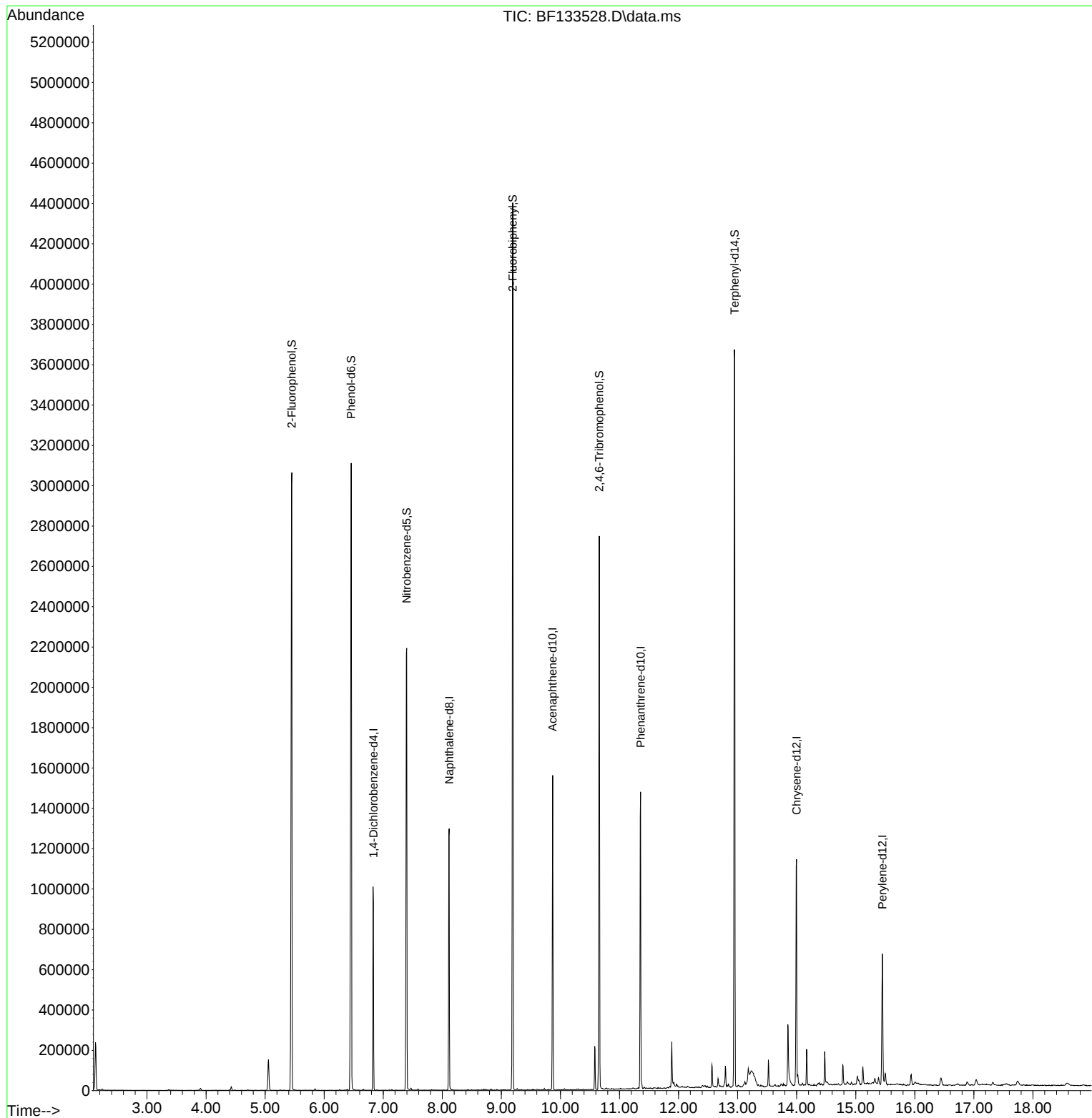
Target Compounds	Qvalue

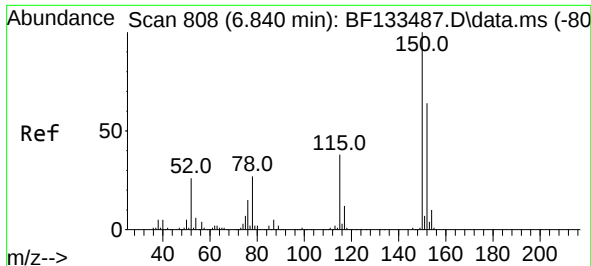
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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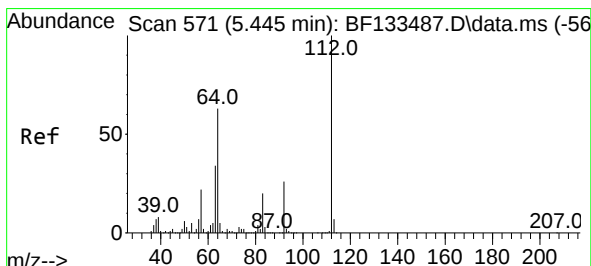
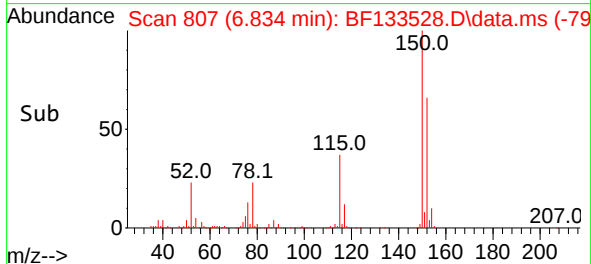
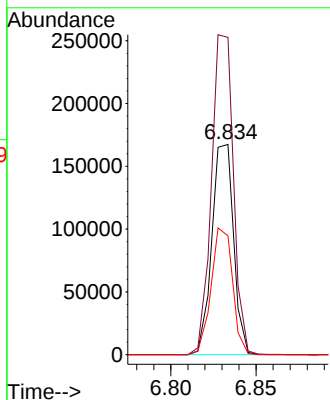
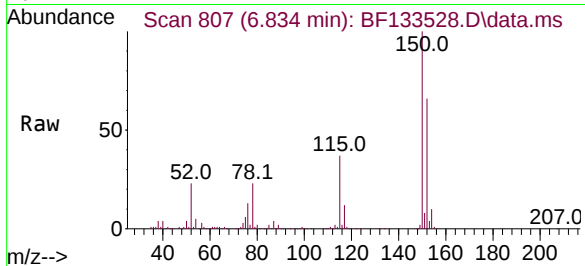




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 808
 Delta R.T. -0.000 min
 Lab File: BF133528.D
 Acq: 30 May 2023 18:22

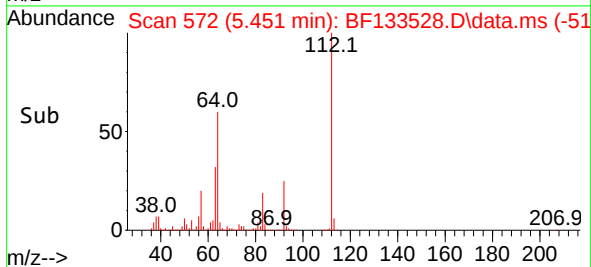
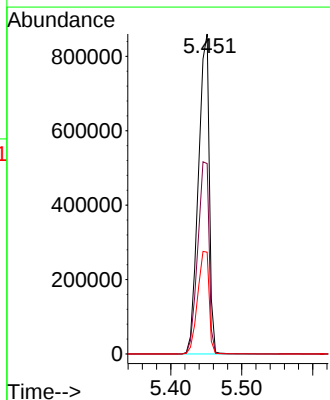
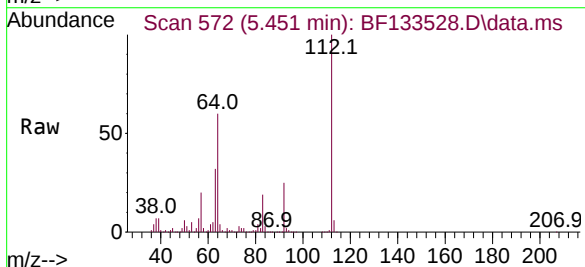
Instrument :
 BNA_F
 ClientSampleId :
 DUP03

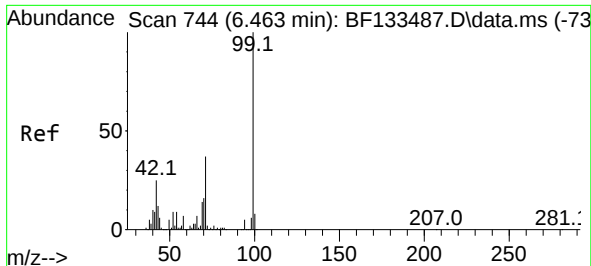
Tgt Ion:152 Resp: 148713
 Ion Ratio Lower Upper
 152 100
 150 150.9 124.9 187.3
 115 56.5 48.1 72.1



#5
 2-Fluorophenol
 Concen: 103.232 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.011 min
 Lab File: BF133528.D
 Acq: 30 May 2023 18:22

Tgt Ion:112 Resp: 920126
 Ion Ratio Lower Upper
 112 100
 64 59.5 50.1 75.1
 63 31.8 27.5 41.3



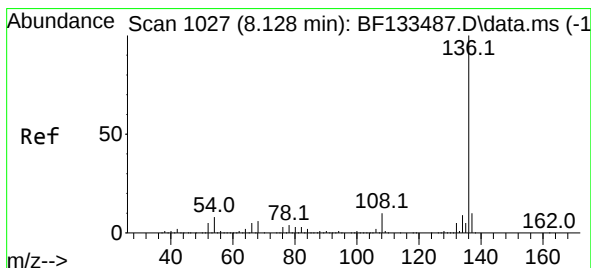
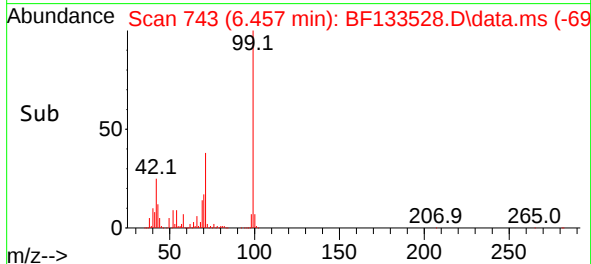
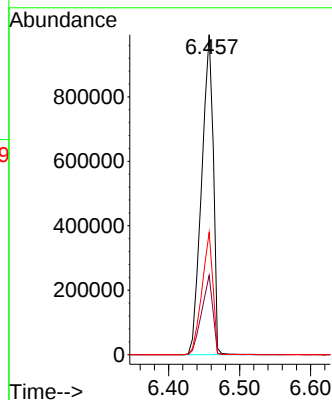
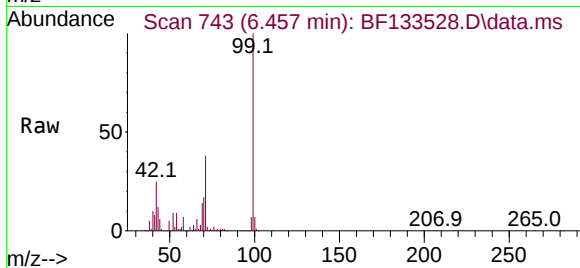


#7
Phenol-d6
Concen: 103.522 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133528.D
Acq: 30 May 2023 18:22

Instrument :
BNA_F
ClientSampleId :
DUP03

Tgt Ion: 99 Resp: 1135868

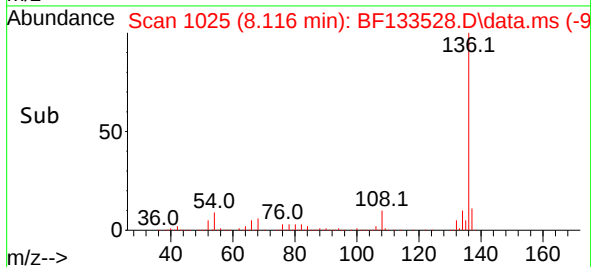
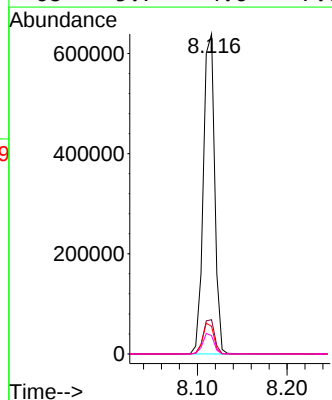
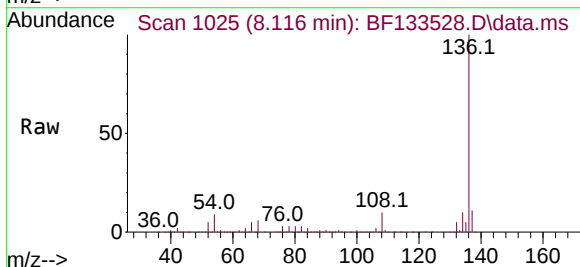
Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.7	29.5
71	38.2	29.8	44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133528.D
Acq: 30 May 2023 18:22

Tgt Ion: 136 Resp: 561616

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	8.7	6.6	10.0
68	5.7	4.6	7.0





#23

Nitrobenzene-d5

Concen: 85.295 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133528.D

Acq: 30 May 2023 18:22

Instrument :

BNA_F

ClientSampleId :

DUP03

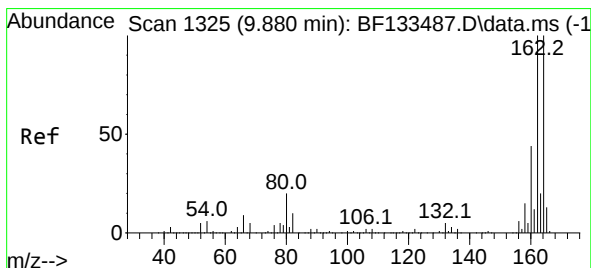
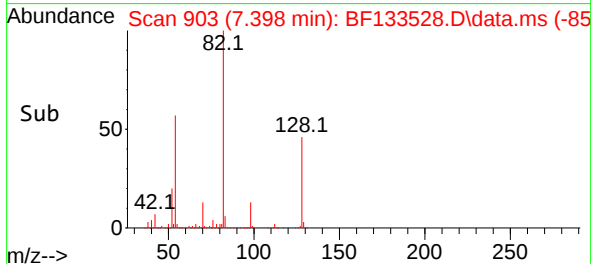
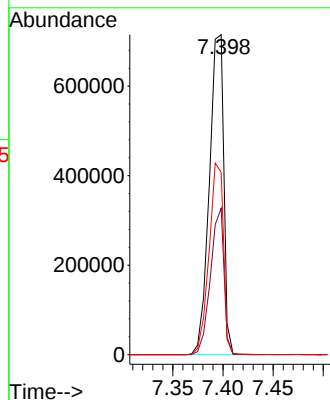
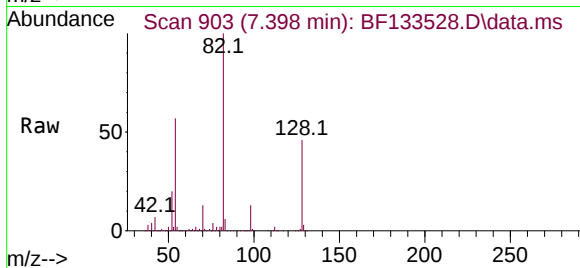
Tgt Ion: 82 Resp: 717451

Ion Ratio Lower Upper

82 100

128 45.7 34.2 51.4

54 57.0 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: BF133528.D

Acq: 30 May 2023 18:22

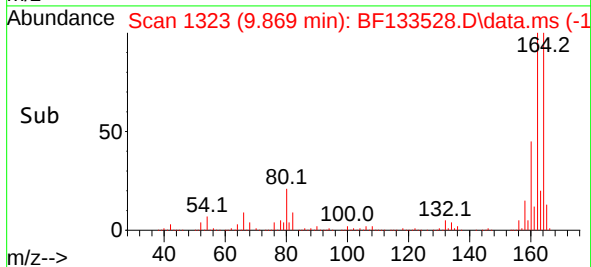
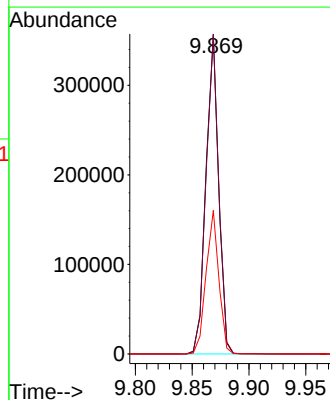
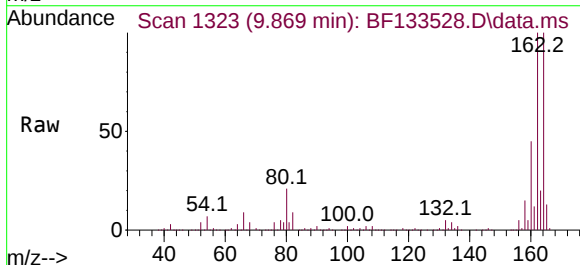
Tgt Ion: 164 Resp: 275587

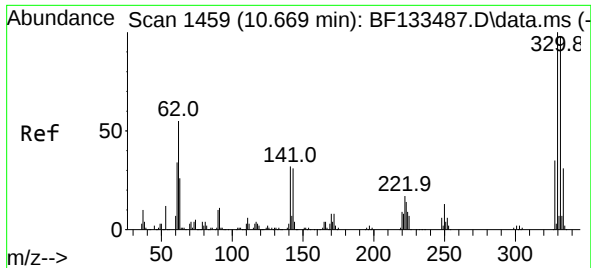
Ion Ratio Lower Upper

164 100

162 100.4 79.7 119.5

160 45.0 35.4 53.0

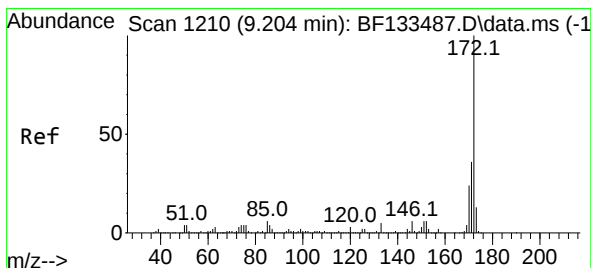
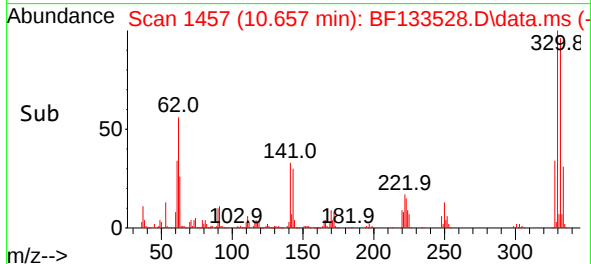
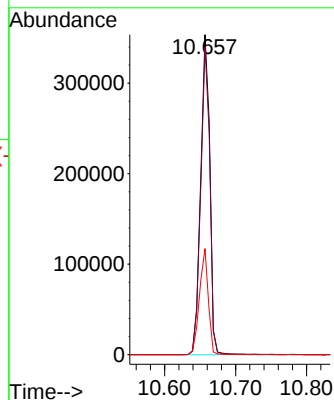
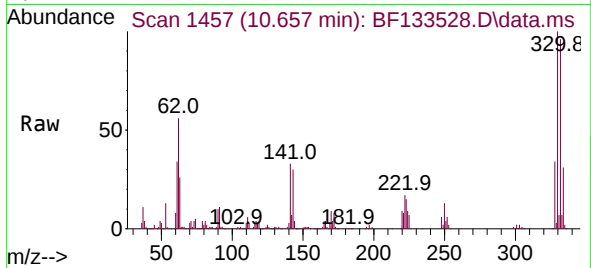




#42
2,4,6-Tribromophenol
Concen: 116.011 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133528.D
Acq: 30 May 2023 18:22

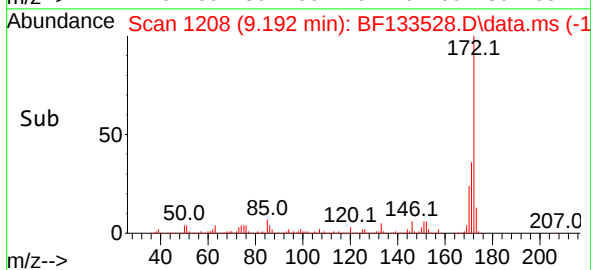
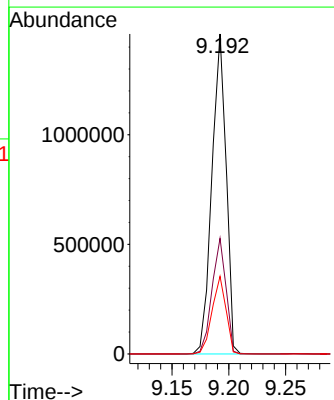
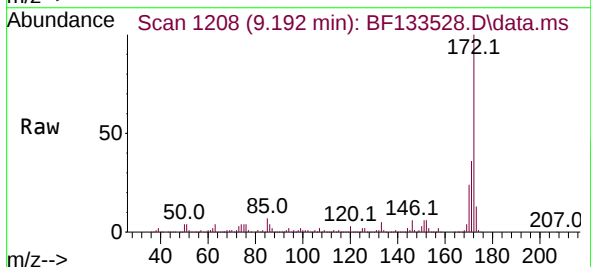
Instrument :
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DUP03

Tgt Ion:330 Resp: 318692
Ion Ratio Lower Upper
330 100
332 95.2 77.8 116.6
141 32.0 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 71.193 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133528.D
Acq: 30 May 2023 18:22

Tgt Ion:172 Resp: 1271171
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.2 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133528.D

Acq: 30 May 2023 18:22

Instrument :

BNA_F

ClientSampleId :

DUP03

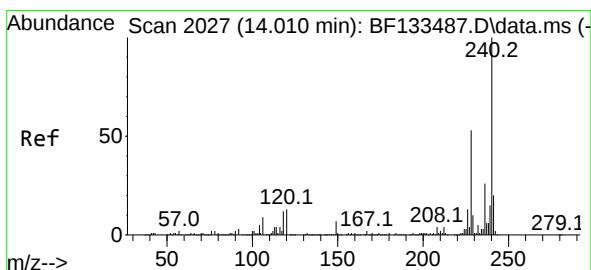
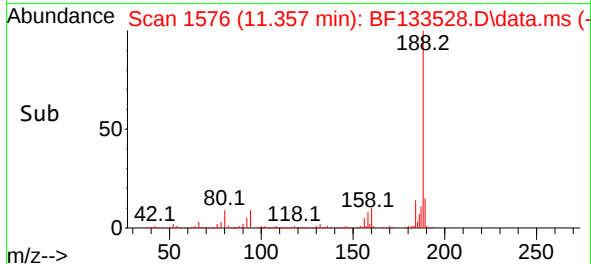
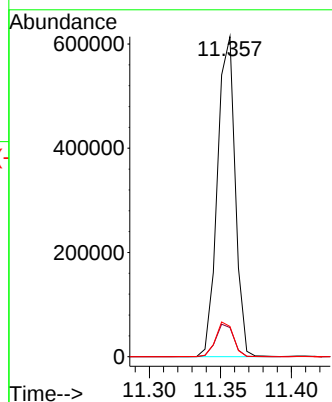
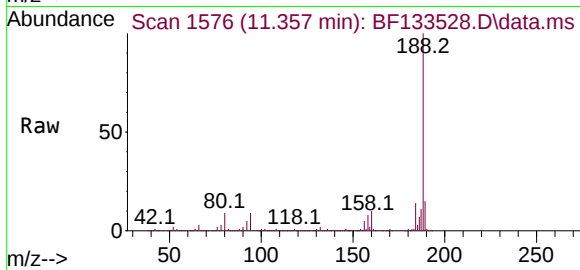
Tgt Ion:188 Resp: 534936

Ion Ratio Lower Upper

188 100

94 9.1 8.6 12.8

80 9.4 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: BF133528.D

Acq: 30 May 2023 18:22

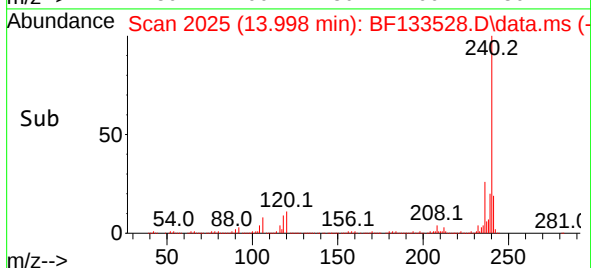
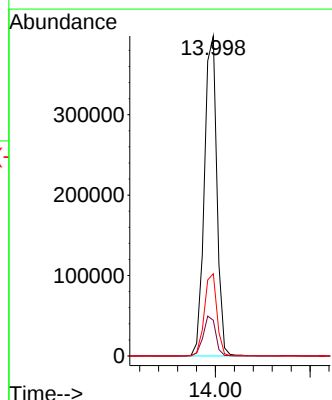
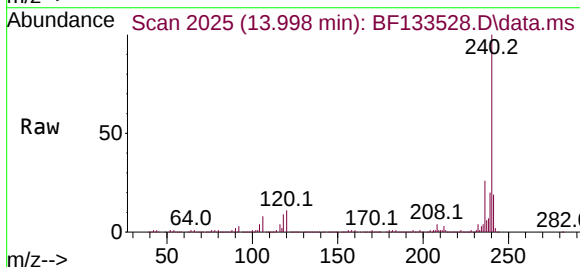
Tgt Ion:240 Resp: 366059

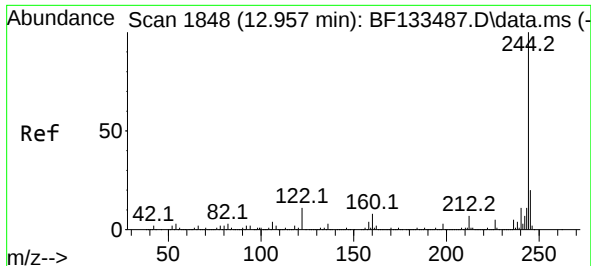
Ion Ratio Lower Upper

240 100

120 11.2 10.3 15.5

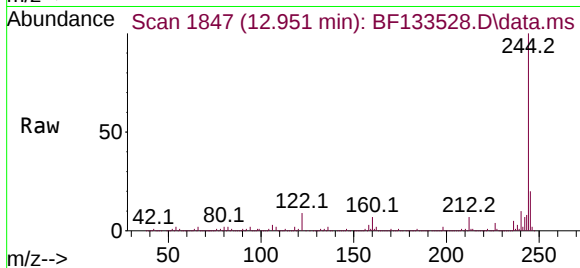
236 25.7 20.5 30.7



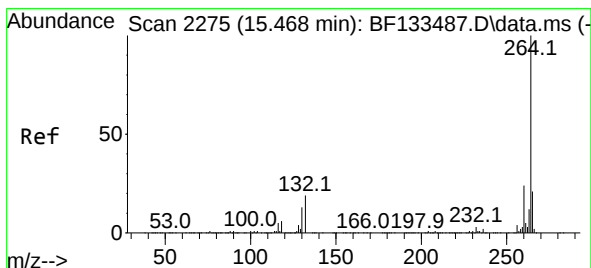
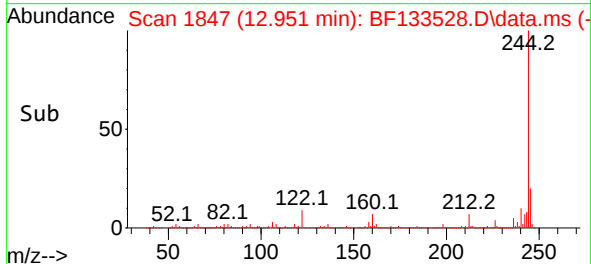
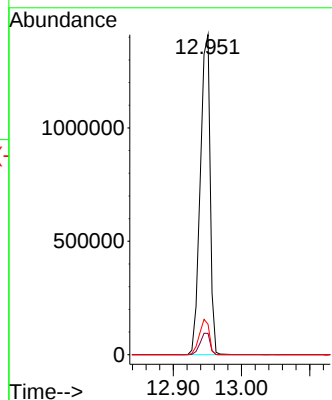


#79
 Terphenyl-d14
 Concen: 68.776 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133528.D
 Acq: 30 May 2023 18:22

Instrument :
 BNA_F
 ClientSampleId :
 DUP03



Tgt Ion:244 Resp: 1415994
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 9.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF133528.D
 Acq: 30 May 2023 18:22

Tgt Ion:264 Resp: 282574
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 22.0 16.8 25.2

