

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133549.D
 Acq On : 31 May 2023 20:30
 Operator : CG\JU
 Sample : 02981-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Jun 01 02:04:36 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	6.828	152	133441	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	507874	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	255906	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	511924	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	378059	20.000	ng	-0.01
86) Perylene-d12	15.451	264	302412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	887362	110.950	ng	0.01
7) Phenol-d6	6.457	99	979323	99.470	ng	0.00
23) Nitrobenzene-d5	7.392	82	768426	101.023	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	364684	142.962	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1348560	81.335	ng	0.00
79) Terphenyl-d14	12.945	244	1721903	80.980	ng	0.00

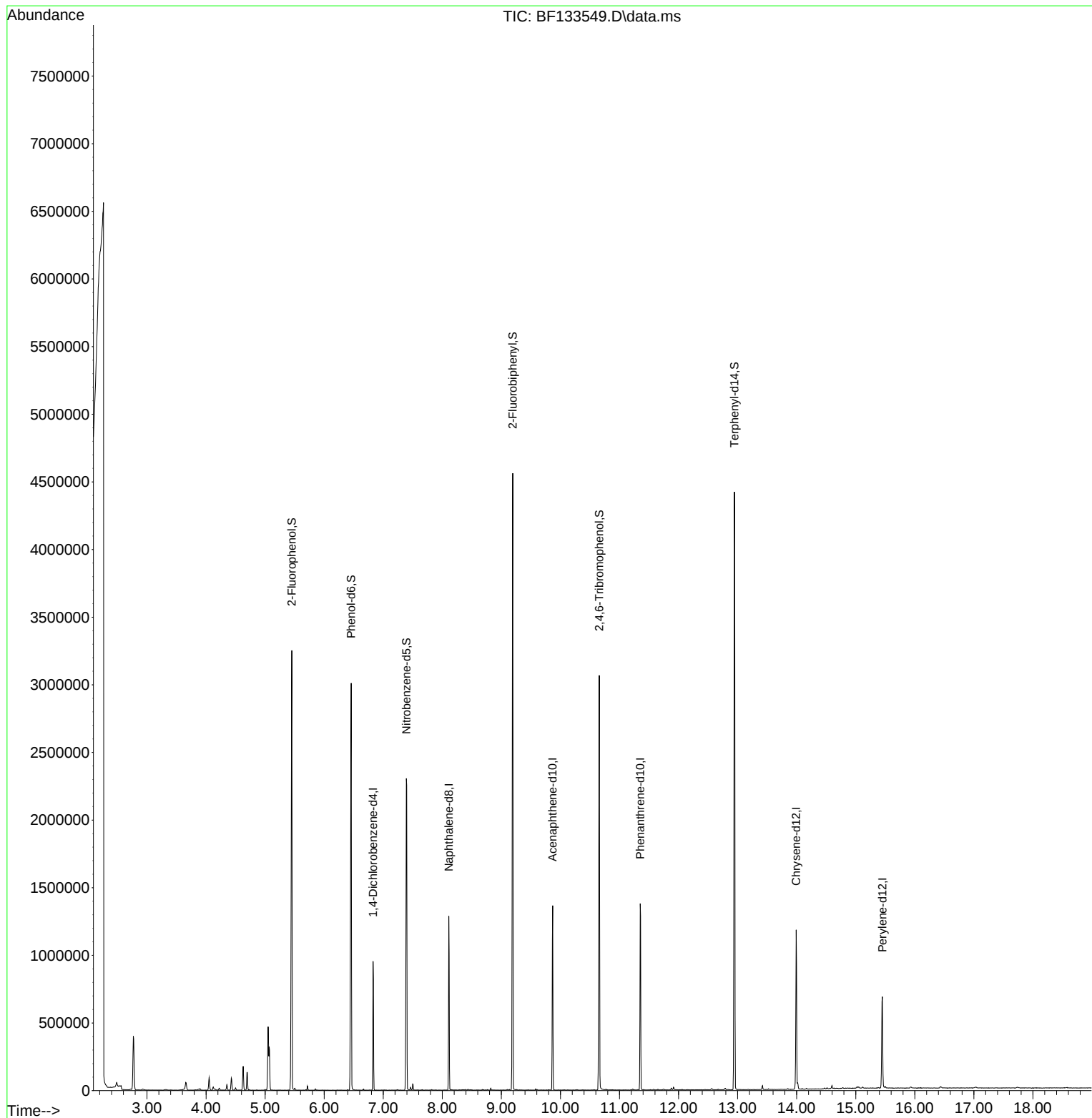
Target Compounds	Qvalue

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

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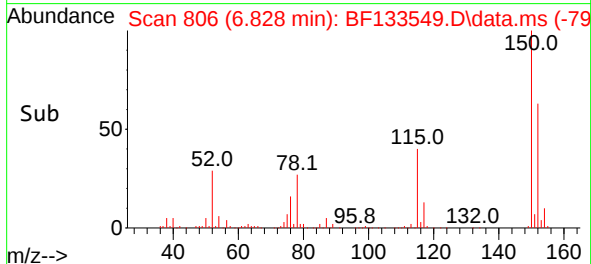
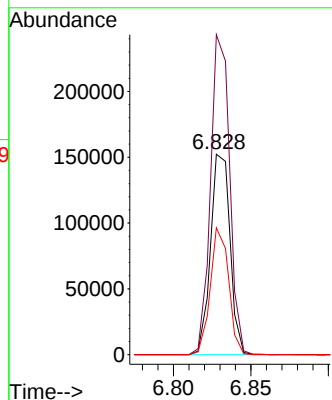
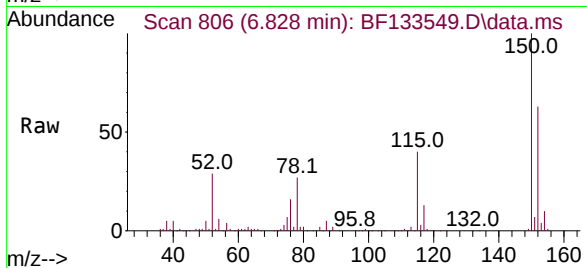




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133549.D
Acq: 31 May 2023 20:30

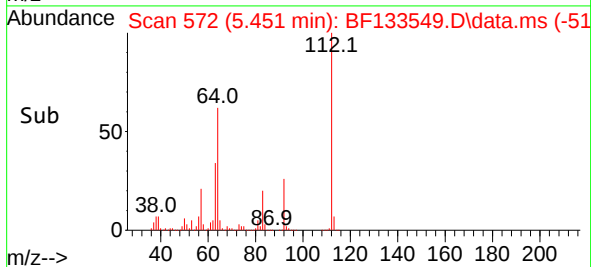
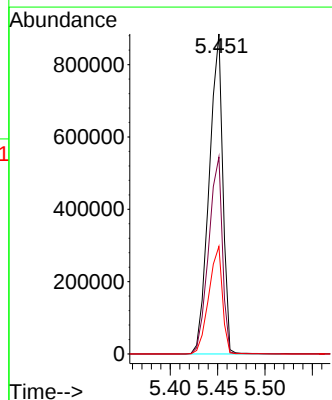
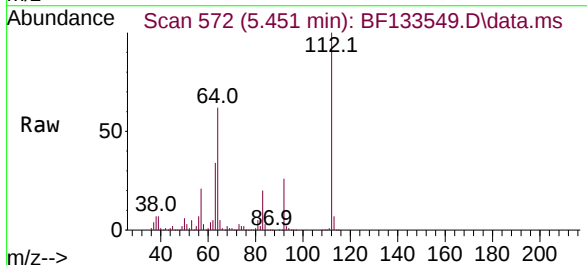
Instrument :
BNA_F
ClientSampleId :
TP-5

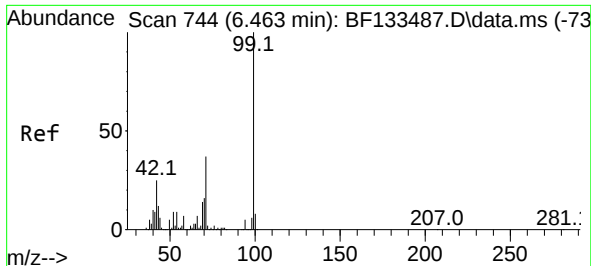
Tgt Ion:152 Resp: 133441
Ion Ratio Lower Upper
152 100
150 159.6 124.9 187.3
115 63.3 48.1 72.1



#5
2-Fluorophenol
Concen: 110.950 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF133549.D
Acq: 31 May 2023 20:30

Tgt Ion:112 Resp: 887362
Ion Ratio Lower Upper
112 100
64 61.5 50.1 75.1
63 33.6 27.5 41.3

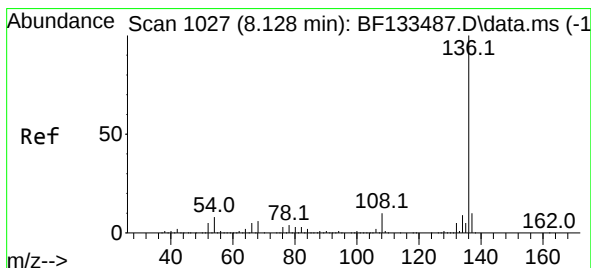
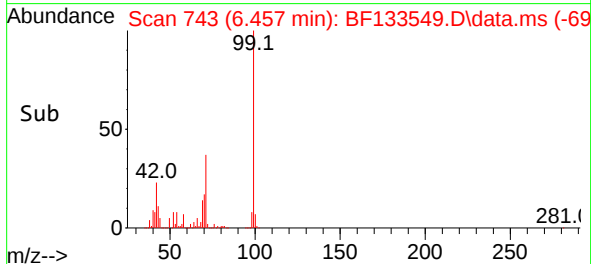
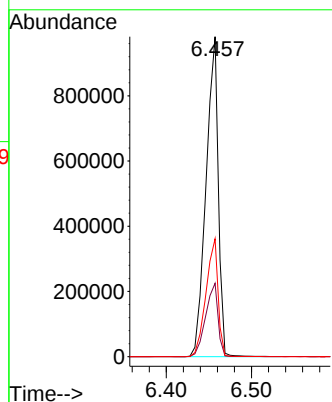
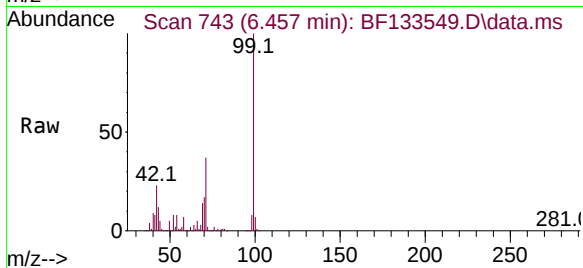




#7
Phenol-d6
Concen: 99.470 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133549.D
Acq: 31 May 2023 20:30

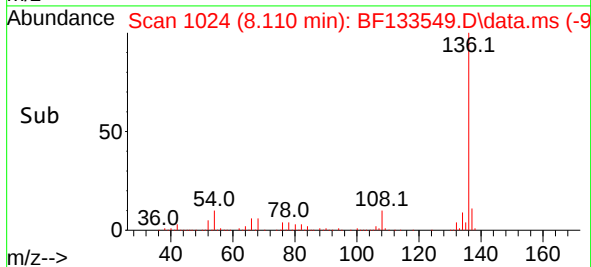
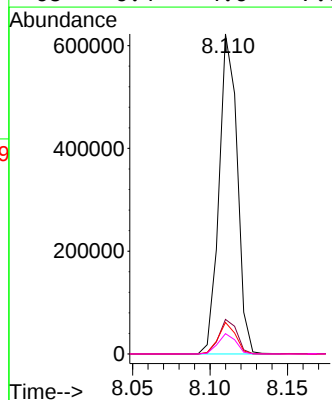
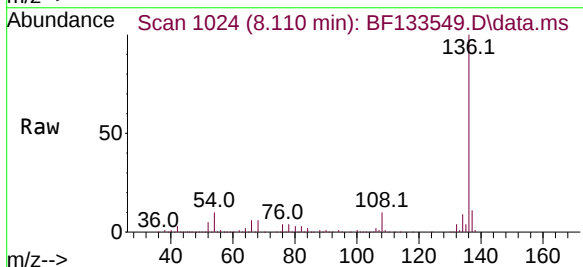
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 979323
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 36.9 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133549.D
Acq: 31 May 2023 20:30

Tgt Ion: 136 Resp: 507874
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 9.8 6.6 10.0
68 6.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 101.023 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133549.D

Acq: 31 May 2023 20:30

Instrument :

BNA_F

ClientSampleId :

TP-5

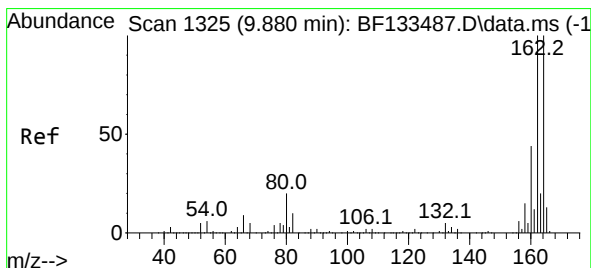
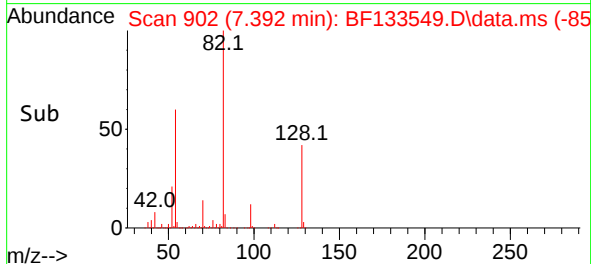
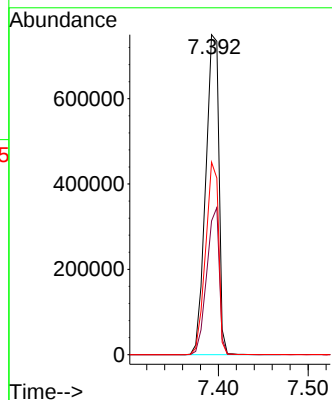
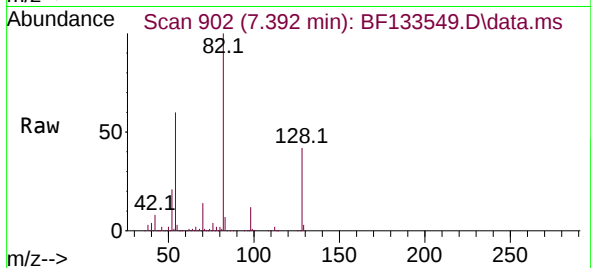
Tgt Ion: 82 Resp: 768426

Ion Ratio Lower Upper

82 100

128 41.8 34.2 51.4

54 60.2 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: BF133549.D

Acq: 31 May 2023 20:30

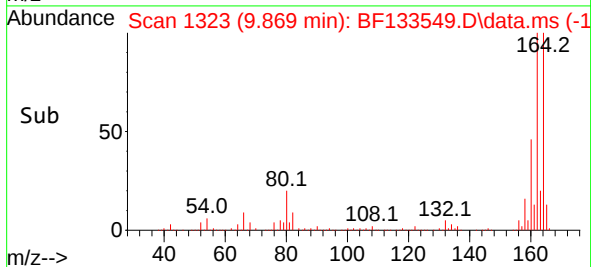
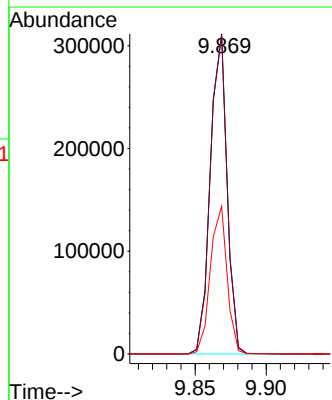
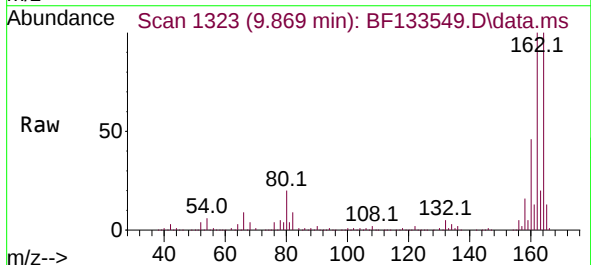
Tgt Ion:164 Resp: 255906

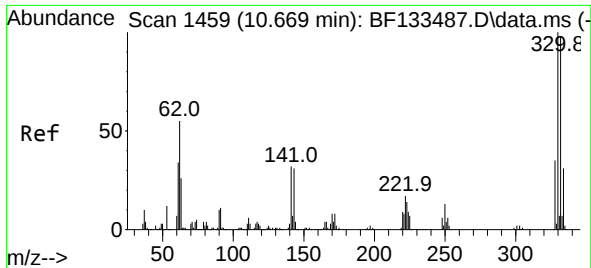
Ion Ratio Lower Upper

164 100

162 99.5 79.7 119.5

160 46.2 35.4 53.0

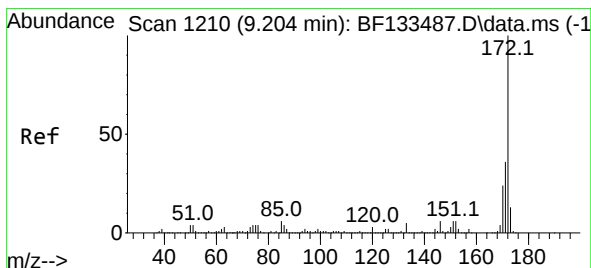
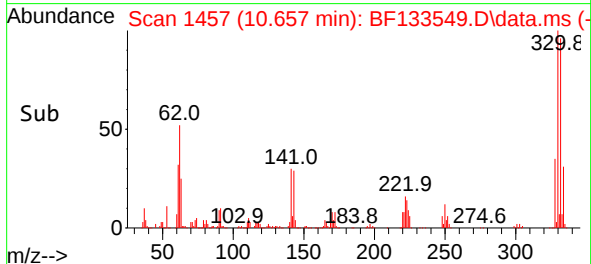
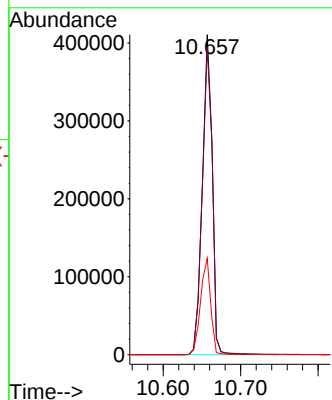
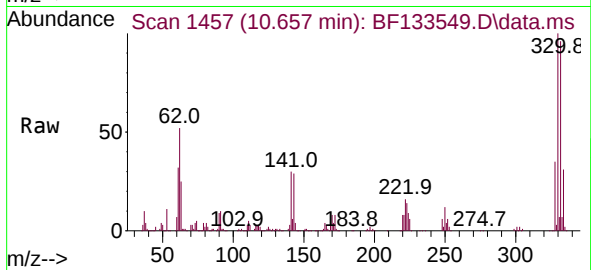




#42
2,4,6-Tribromophenol
Concen: 142.962 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133549.D
Acq: 31 May 2023 20:30

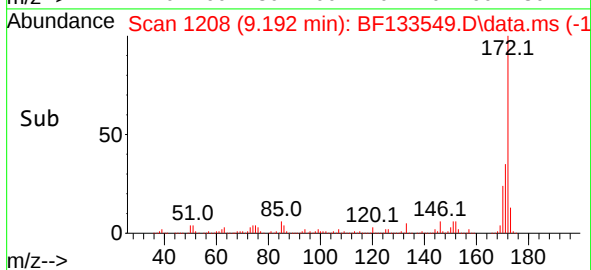
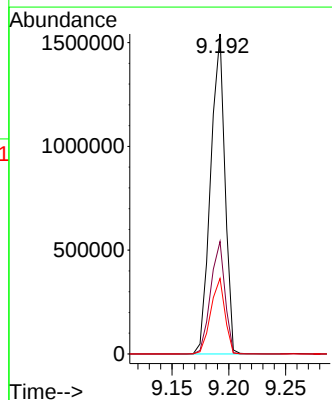
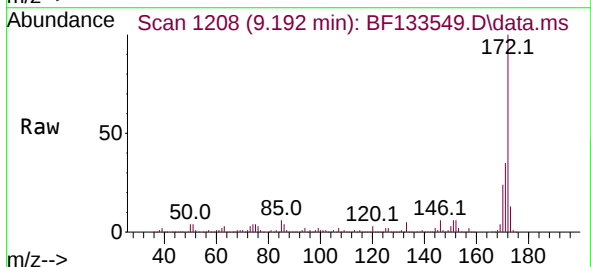
Instrument :
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TP-5

Tgt Ion:330 Resp: 364684
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 30.8 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 81.335 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133549.D
Acq: 31 May 2023 20:30

Tgt Ion:172 Resp: 1348560
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.6 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133549.D

Acq: 31 May 2023 20:30

Instrument :

BNA_F

ClientSampleId :

TP-5

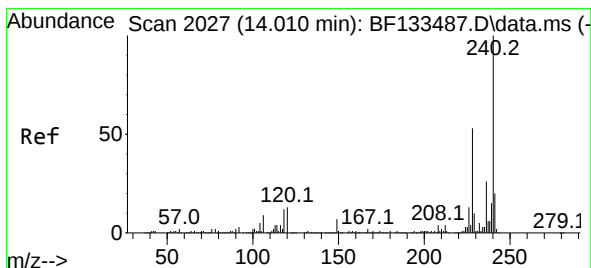
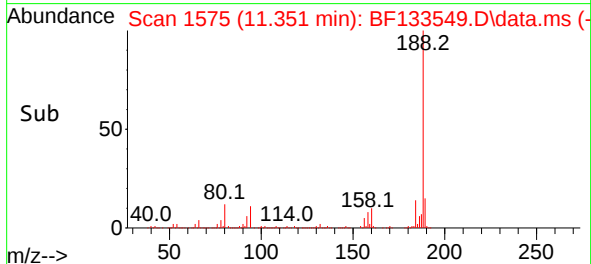
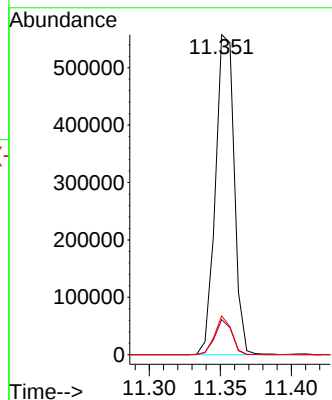
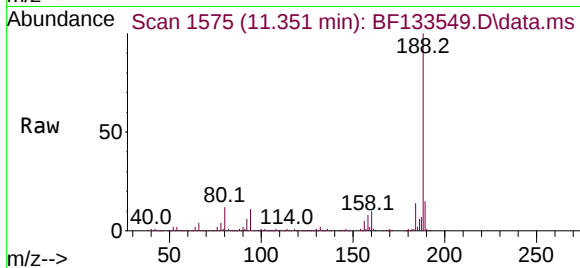
Tgt Ion:188 Resp: 511924

Ion Ratio Lower Upper

188 100

94 11.0 8.6 12.8

80 12.1 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.012 min

Lab File: BF133549.D

Acq: 31 May 2023 20:30

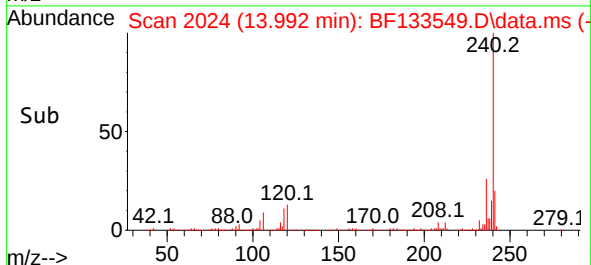
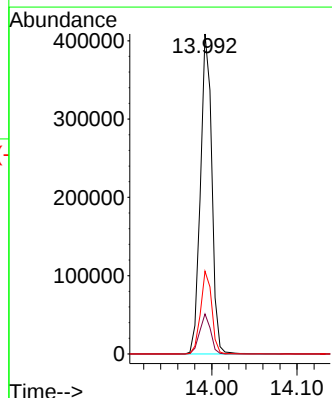
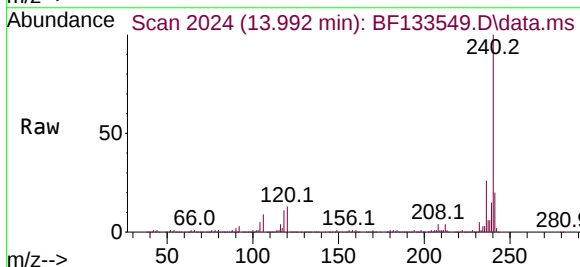
Tgt Ion:240 Resp: 378059

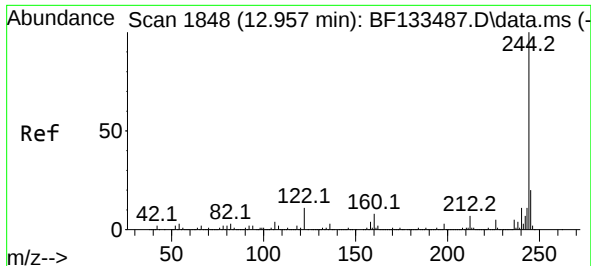
Ion Ratio Lower Upper

240 100

120 12.5 10.3 15.5

236 25.8 20.5 30.7

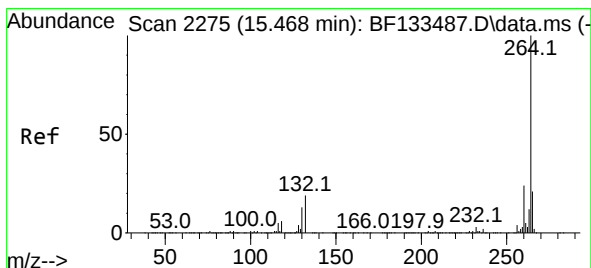
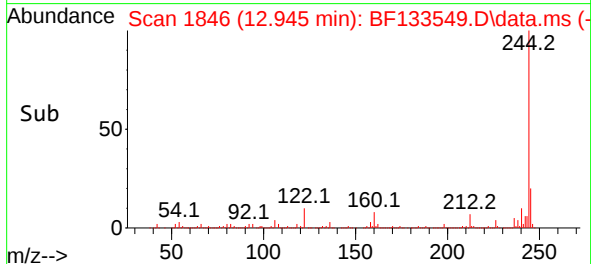
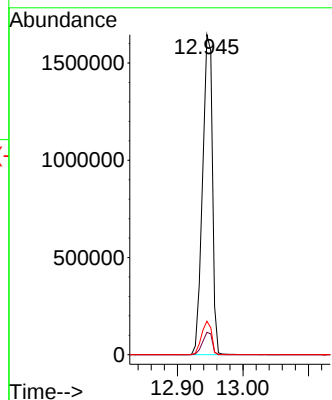
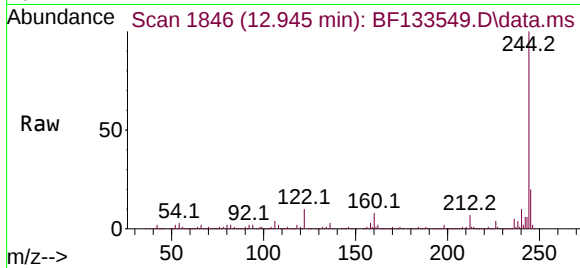




#79
 Terphenyl-d14
 Concen: 80.980 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133549.D
 Acq: 31 May 2023 20:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 1721903
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.5 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: BF133549.D
 Acq: 31 May 2023 20:30

Tgt Ion:264 Resp: 302412
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.0 28.4
 265 21.6 16.8 25.2

