

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133787.D
 Acq On : 15 Jun 2023 21:52
 Operator : CG\JU
 Sample : 03117-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2GA

Quant Time: Jun 16 03:00:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	119516	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	459890	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	235417	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	403817	20.000	ng	0.00
76) Chrysene-d12	13.998	240	207263	20.000	ng	0.00
86) Perylene-d12	15.462	264	175504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	522325	76.083	ng	0.00
7) Phenol-d6	6.457	99	671183	75.109	ng	0.00
23) Nitrobenzene-d5	7.392	82	428518	50.751	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	211060	70.826	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	838224	50.614	ng	0.00
79) Terphenyl-d14	12.945	244	766900	57.254	ng	0.00

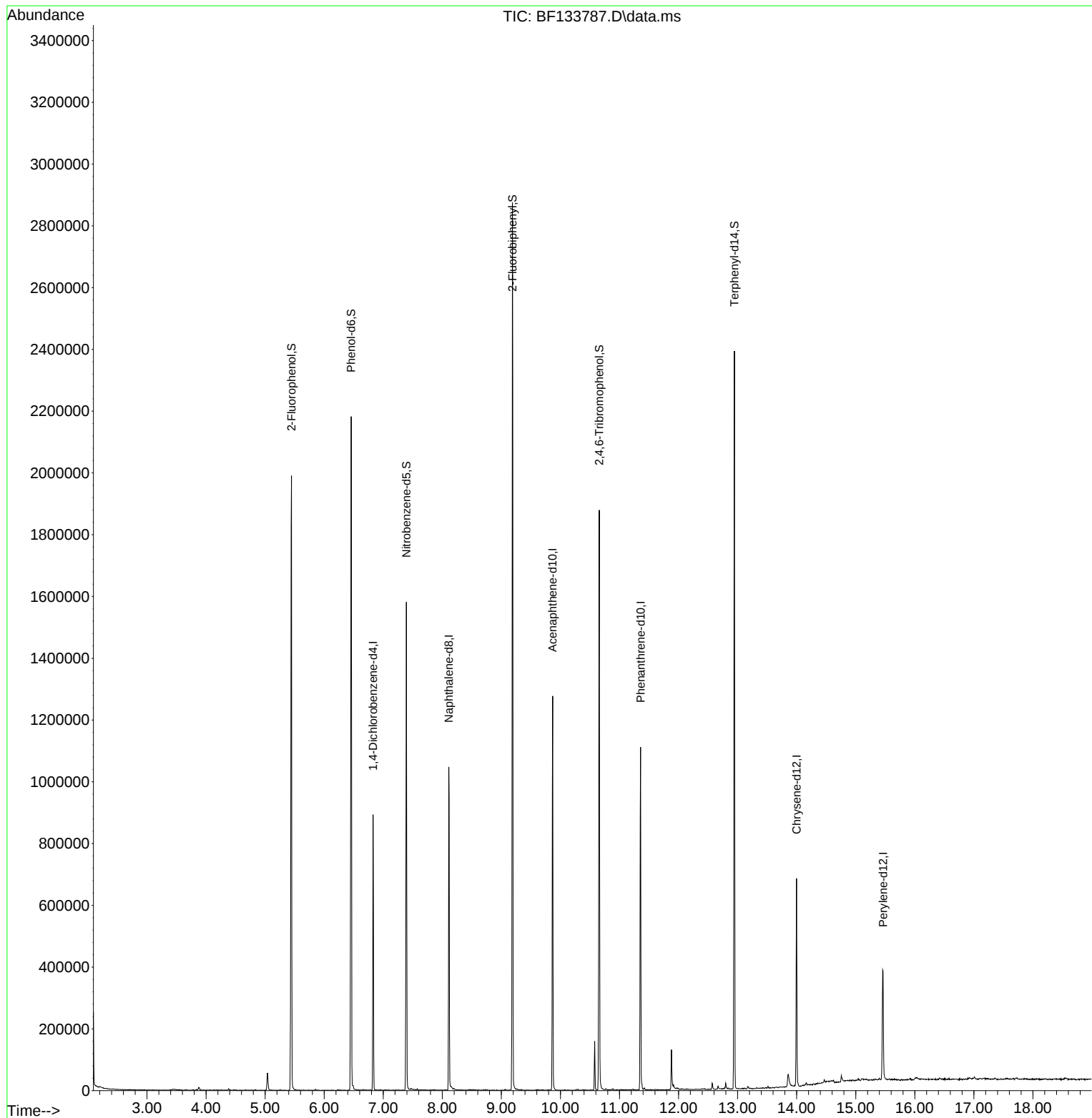
Target Compounds	Qvalue

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

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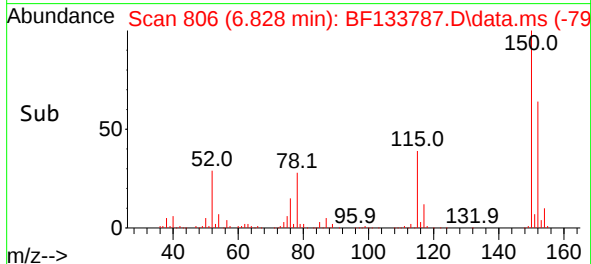
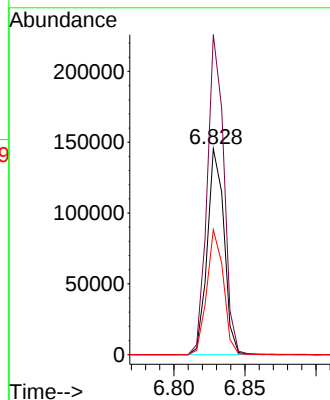
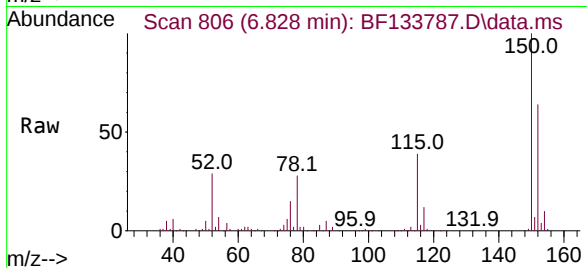




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

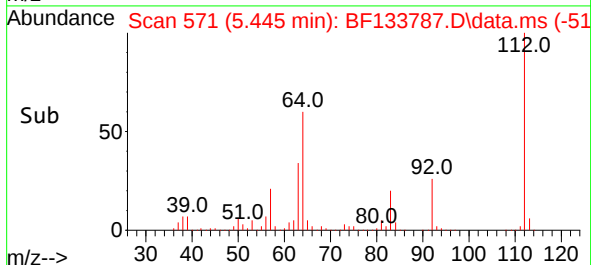
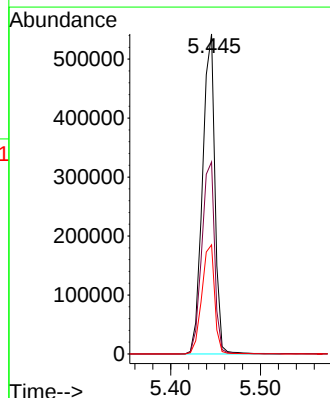
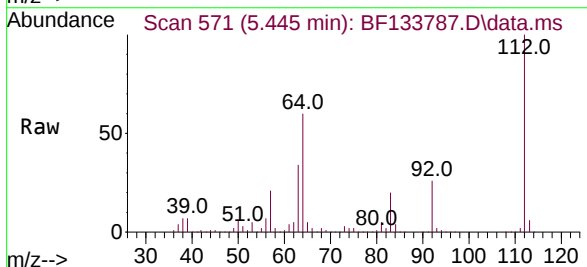
Instrument :
BNA_F
ClientSampleId :
TP-2GA

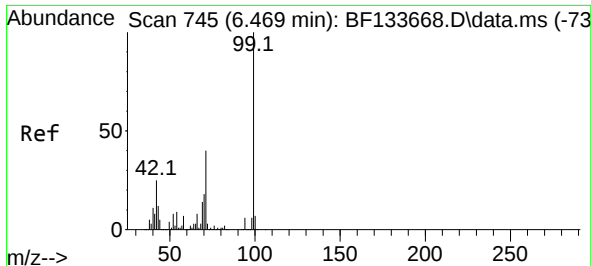
Tgt Ion:152 Resp: 119516
Ion Ratio Lower Upper
152 100
150 155.4 124.3 186.5
115 60.7 48.5 72.7



#5
2-Fluorophenol
Concen: 76.083 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

Tgt Ion:112 Resp: 522325
Ion Ratio Lower Upper
112 100
64 60.0 49.0 73.4
63 34.1 26.8 40.2

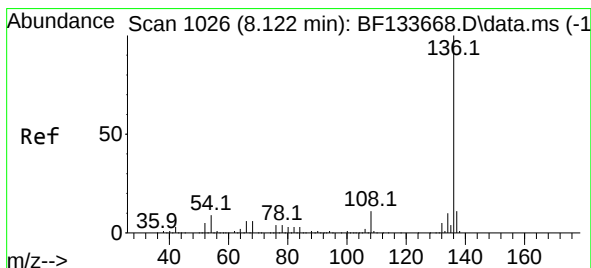
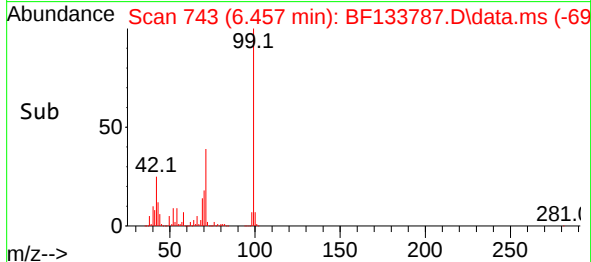
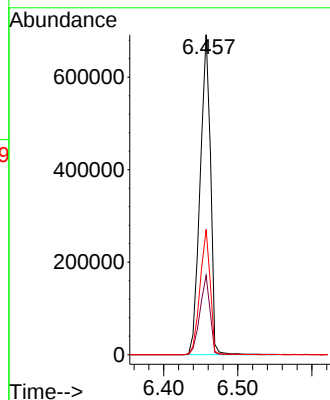
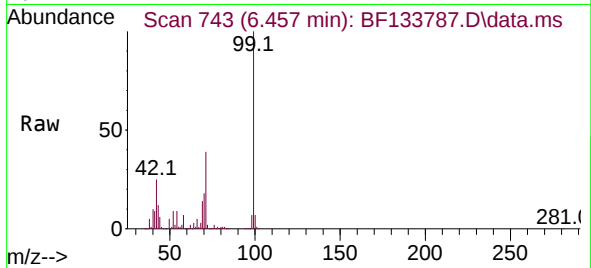




#7
Phenol-d6
Concen: 75.109 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

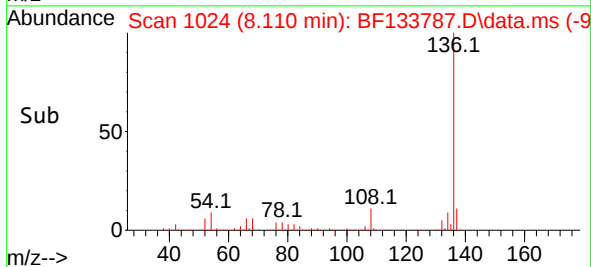
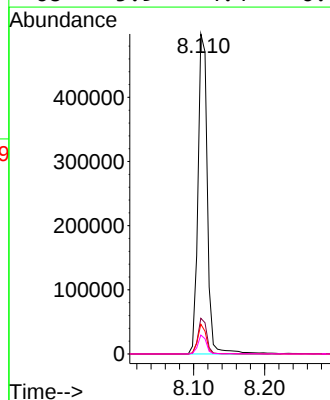
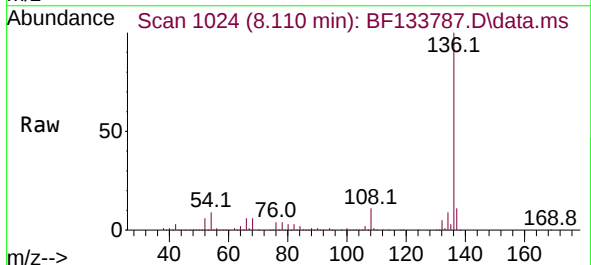
Instrument :
BNA_F
ClientSampleId :
TP-2GA

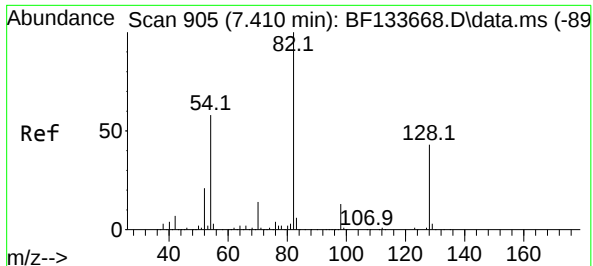
Tgt Ion: 99 Resp: 671183
Ion Ratio Lower Upper
99 100
42 24.7 19.9 29.9
71 39.2 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

Tgt Ion: 136 Resp: 459890
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.3 7.4 11.0
68 5.9 4.4 6.6





#23

Nitrobenzene-d5

Concen: 50.751 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133787.D

Acq: 15 Jun 2023 21:52

Instrument :

BNA_F

ClientSampleId :

TP-2GA

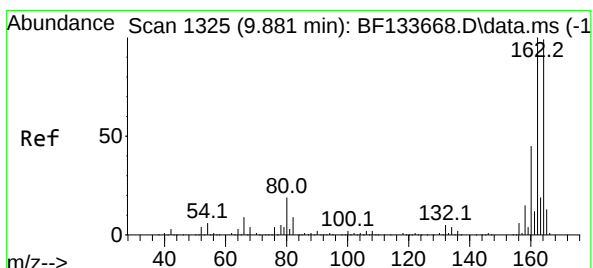
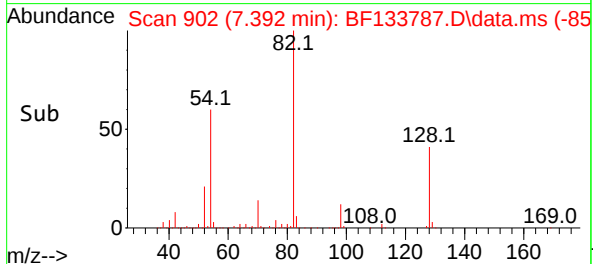
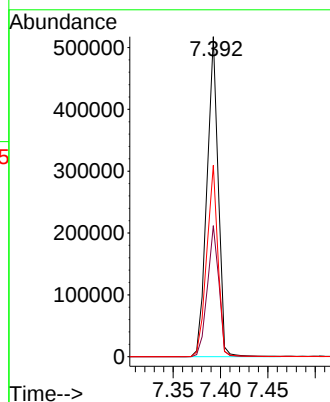
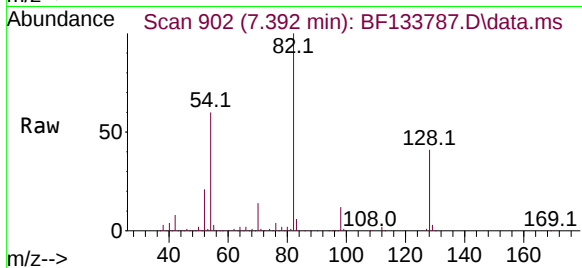
Tgt Ion: 82 Resp: 428518

Ion Ratio Lower Upper

82 100

128 40.9 34.2 51.2

54 59.8 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF133787.D

Acq: 15 Jun 2023 21:52

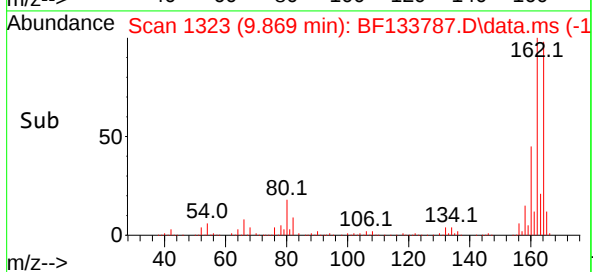
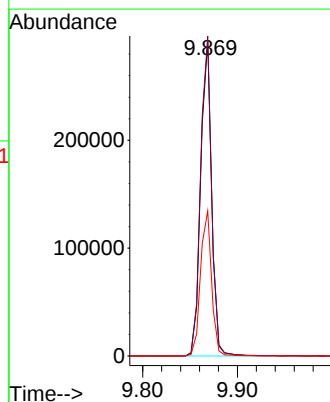
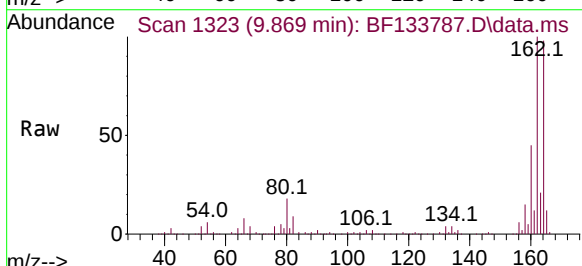
Tgt Ion: 164 Resp: 235417

Ion Ratio Lower Upper

164 100

162 101.6 80.8 121.2

160 46.0 36.7 55.1

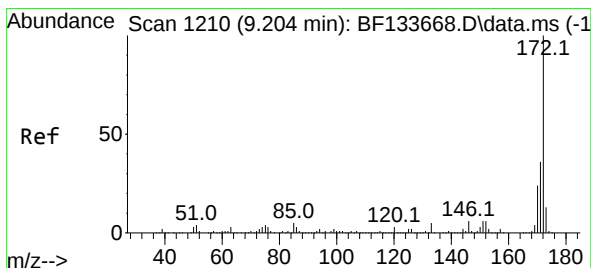
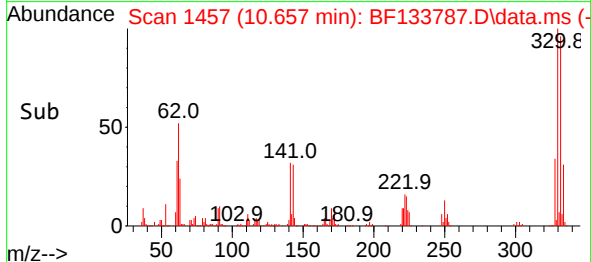
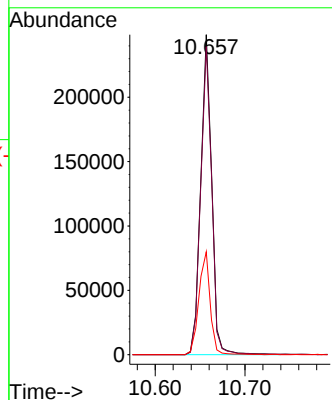
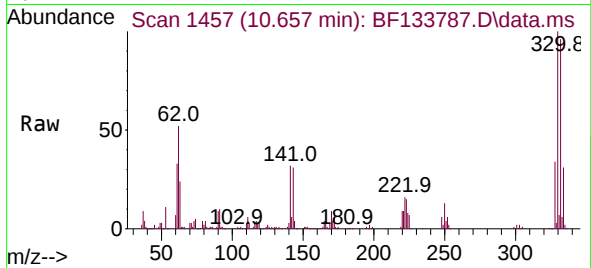




#42
 2,4,6-Tribromophenol
 Concen: 70.826 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. -0.006 min
 Lab File: BF133787.D
 Acq: 15 Jun 2023 21:52

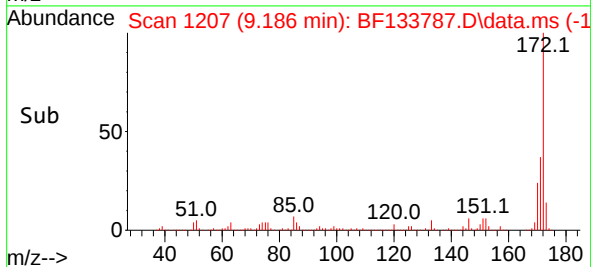
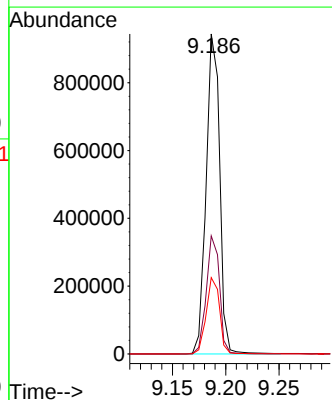
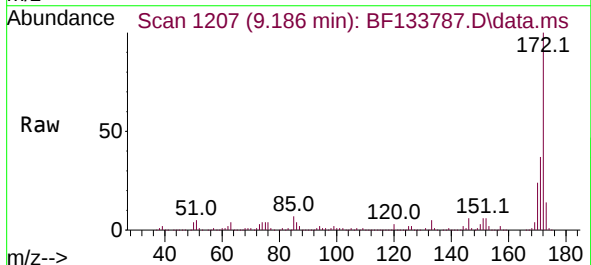
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Tgt Ion: 330 Resp: 211060
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.2 115.8
 141 33.2 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 50.614 ng
 RT: 9.186 min Scan# 1207
 Delta R.T. -0.006 min
 Lab File: BF133787.D
 Acq: 15 Jun 2023 21:52

Tgt Ion: 172 Resp: 838224
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 43.0
 170 23.8 19.1 28.7

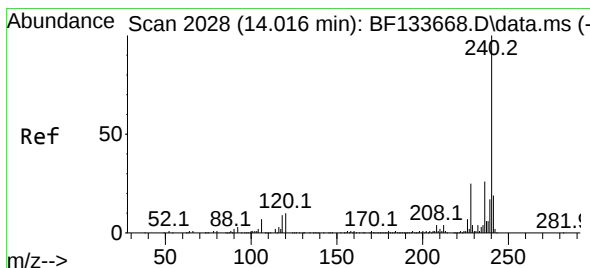
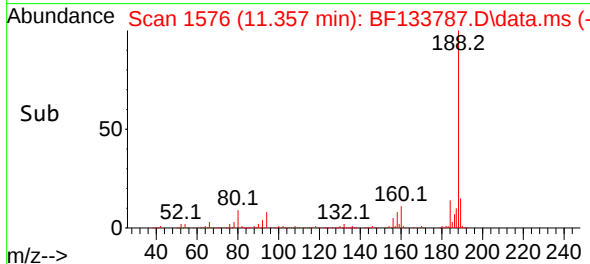
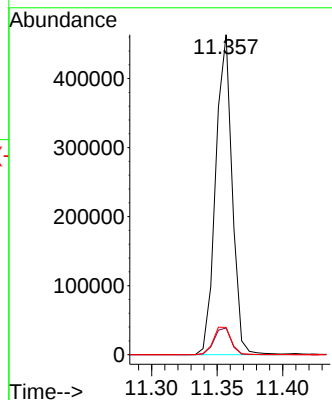
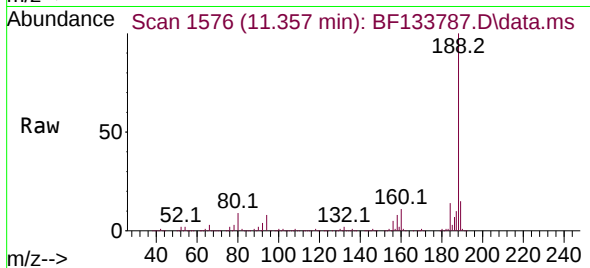




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

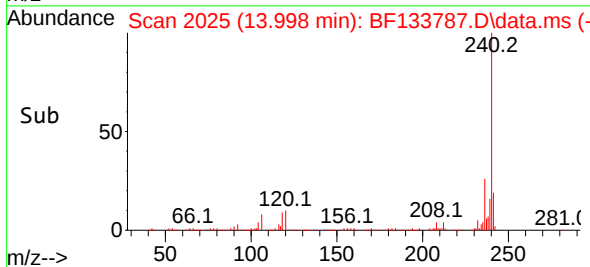
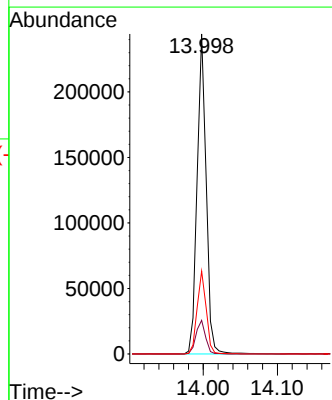
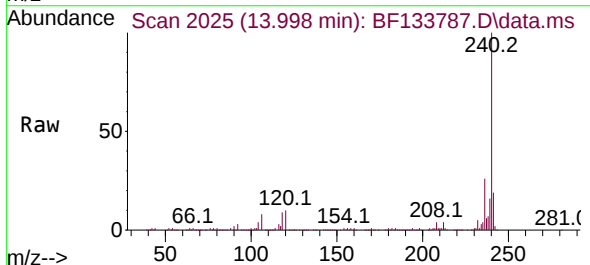
Instrument :
BNA_F
ClientSampleId :
TP-2GA

Tgt Ion:188 Resp: 403817
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.5 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133787.D
Acq: 15 Jun 2023 21:52

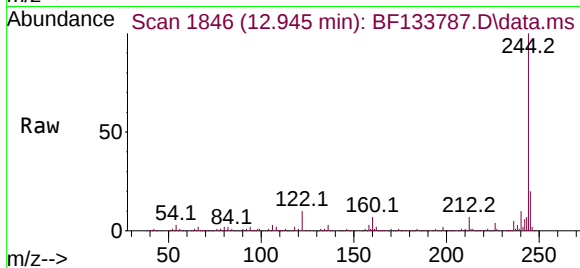
Tgt Ion:240 Resp: 207263
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 25.9 20.5 30.7



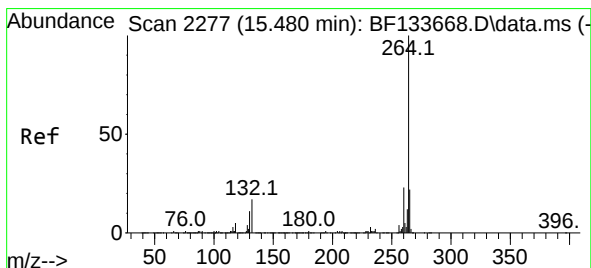
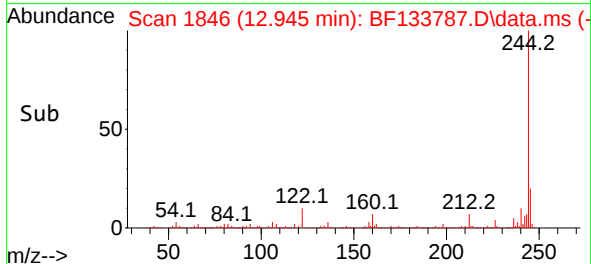
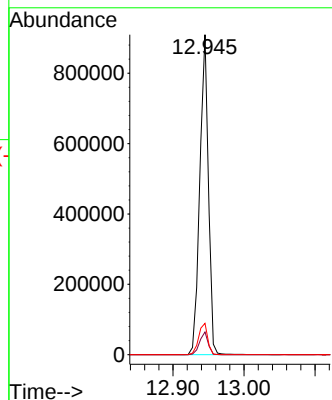


#79
 Terphenyl-d14
 Concen: 57.254 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133787.D
 Acq: 15 Jun 2023 21:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-2GA



Tgt Ion:244 Resp: 766900
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.8 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BF133787.D
 Acq: 15 Jun 2023 21:52

Tgt Ion:264 Resp: 175504
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.2 27.2
 265 20.7 17.8 26.6

