

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138265.D
 Acq On : 20 Jun 2024 16:41
 Operator : CG\JU
 Sample : P2930-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPE

Quant Time: Jun 20 17:02:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	328055	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1300465	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	737123	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1251767	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	622261	20.000	ng	-0.01
86) Perylene-d12	15.515	264	604214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2143458	109.300	ng	0.02
7) Phenol-d6	6.516	99	2501631	100.599	ng	0.00
23) Nitrobenzene-d5	7.451	82	1825448	81.718	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	948247	129.220	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3387867	73.084	ng	0.00
79) Terphenyl-d14	12.992	244	3428001	87.252	ng	0.00

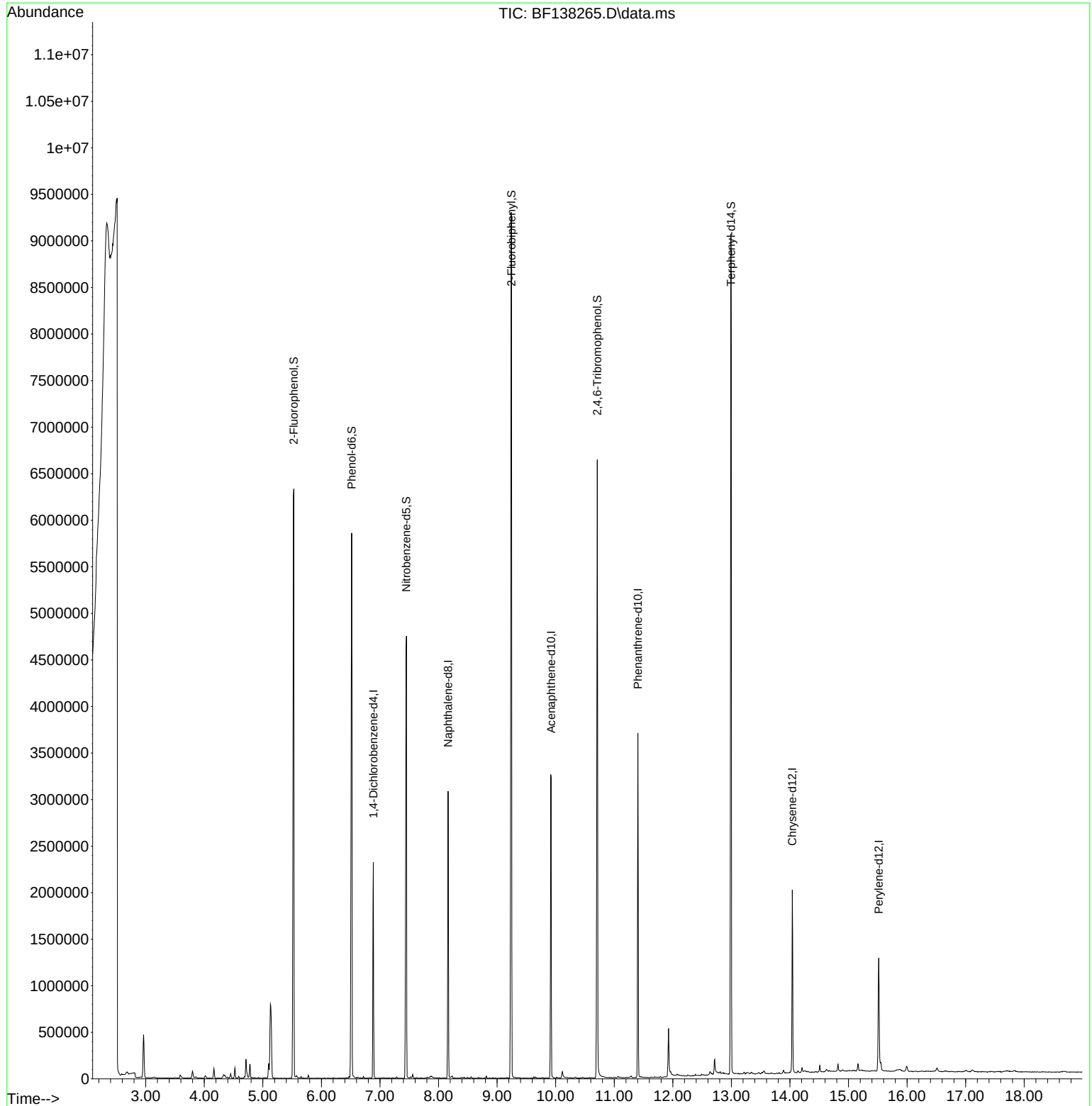
Target Compounds	Qvalue

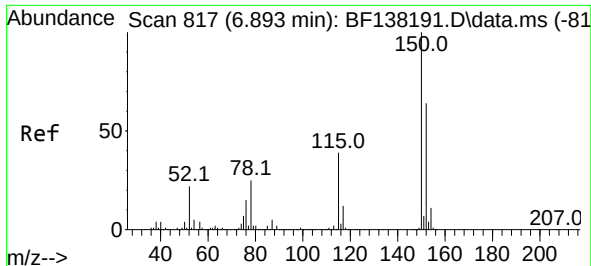
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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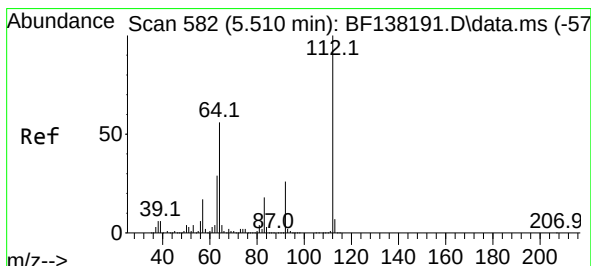
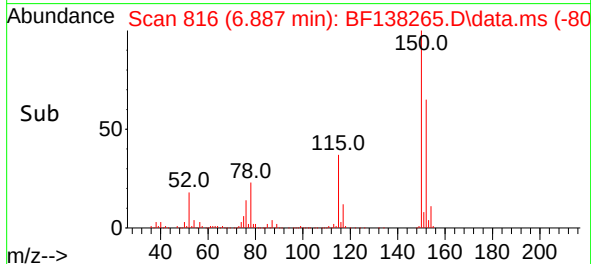
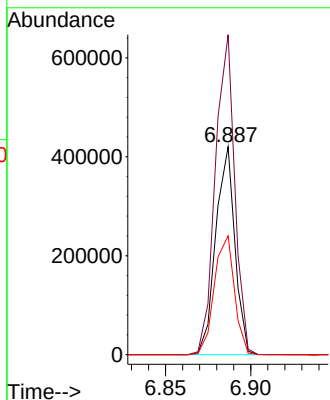
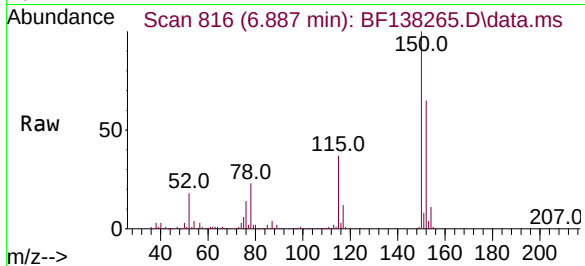




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

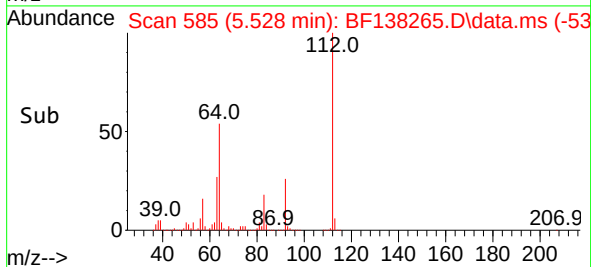
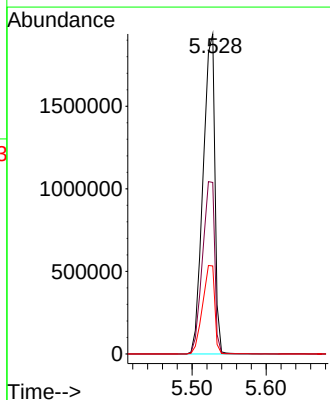
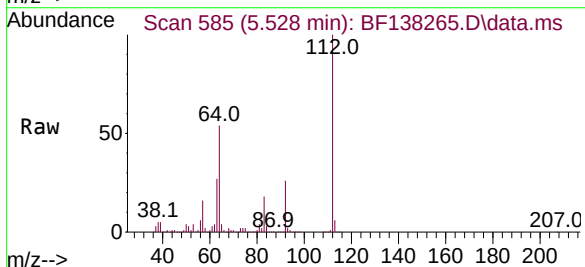
Instrument :
BNA_F
ClientSampleId :
WCS-TPE

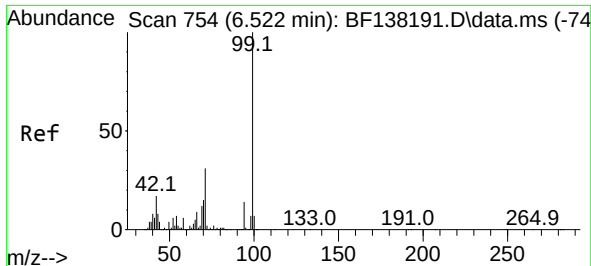
Tgt Ion:152 Resp: 328055
Ion Ratio Lower Upper
152 100
150 153.8 125.0 187.4
115 57.2 48.4 72.6



#5
2-Fluorophenol
Concen: 109.300 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Tgt Ion:112 Resp: 2143458
Ion Ratio Lower Upper
112 100
64 53.6 45.2 67.8
63 27.5 22.9 34.3

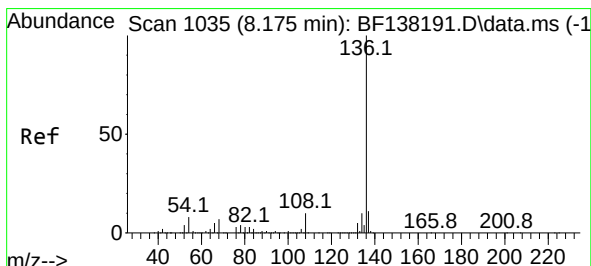
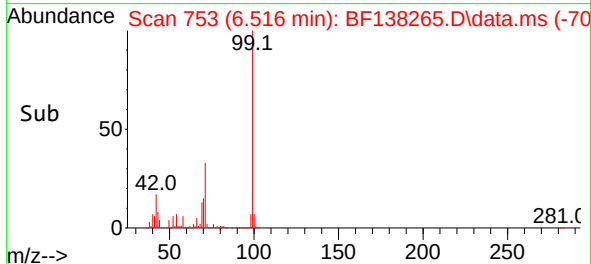
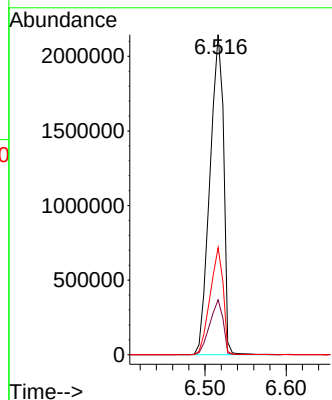
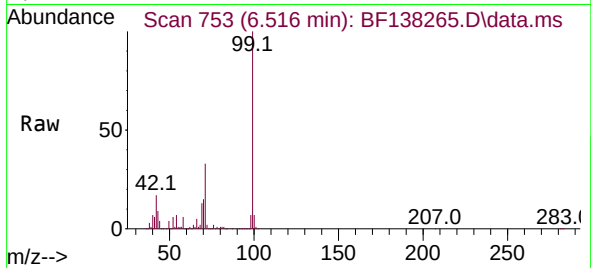




#7
Phenol-d6
Concen: 100.599 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

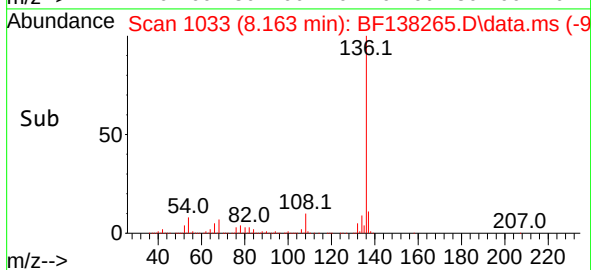
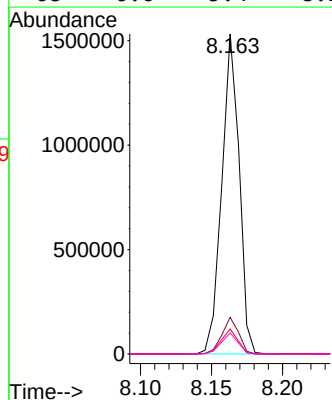
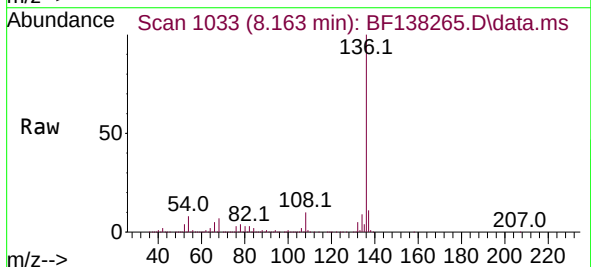
Instrument :
BNA_F
ClientSampleId :
WCS-TPE

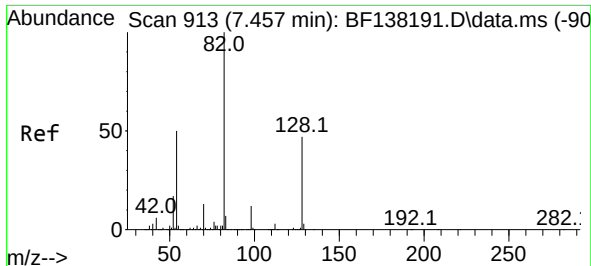
Tgt Ion: 99 Resp: 2501631
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 33.5 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Tgt Ion: 136 Resp: 1300465
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.8 6.6 10.0
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 81.718 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF138265.D

Acq: 20 Jun 2024 16:41

Instrument :

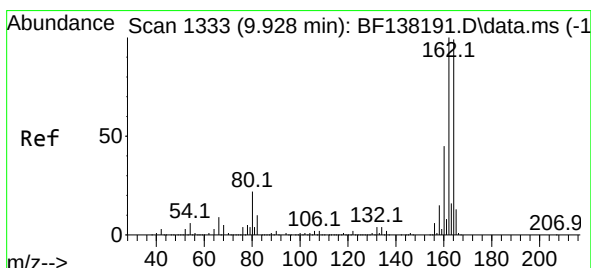
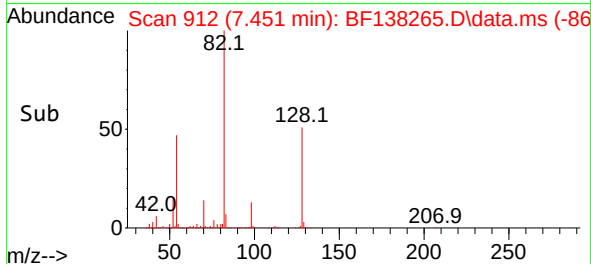
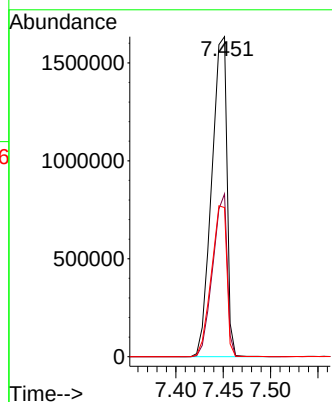
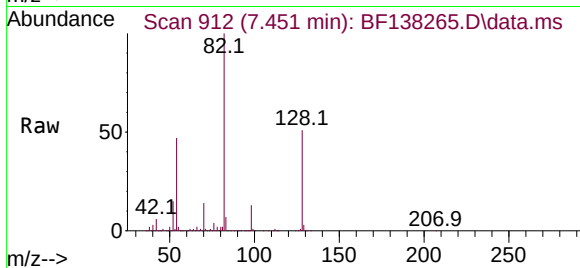
BNA_F

ClientSampleId :

WCS-TPE

Tgt Ion: 82 Resp: 1825448

Ion	Ratio	Lower	Upper
82	100		
128	50.8	37.2	55.8
54	46.6	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

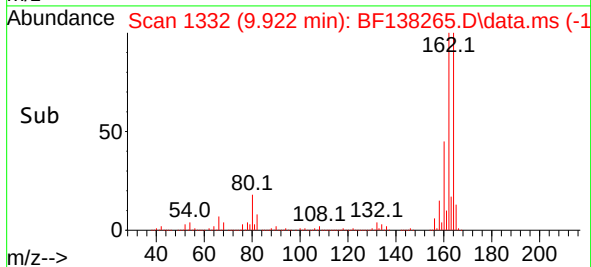
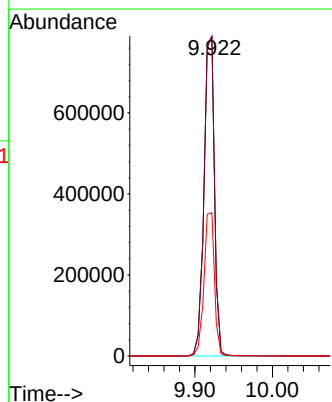
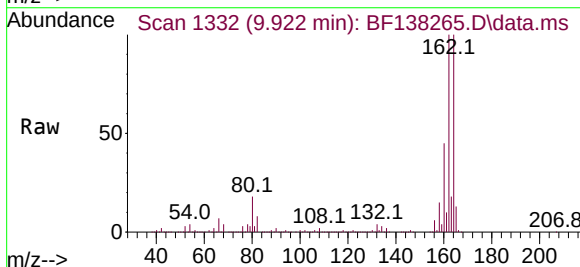
Delta R.T. -0.006 min

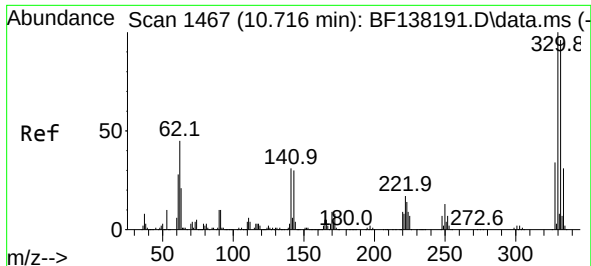
Lab File: BF138265.D

Acq: 20 Jun 2024 16:41

Tgt Ion: 164 Resp: 737123

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	121.0
160	44.9	36.3	54.5

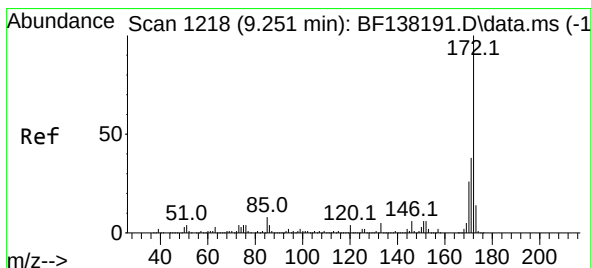
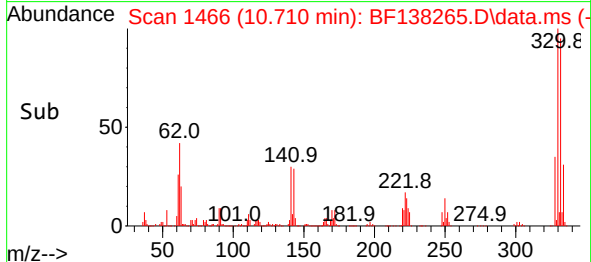
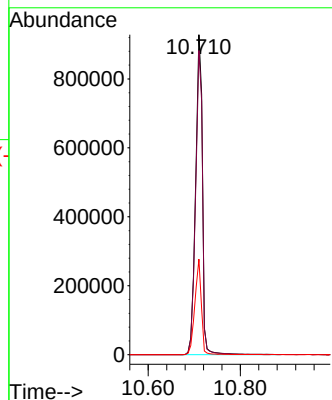
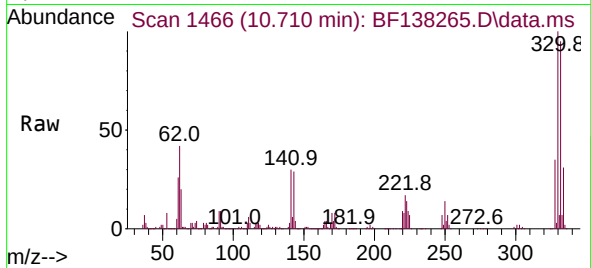




#42
2,4,6-Tribromophenol
Concen: 129.220 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

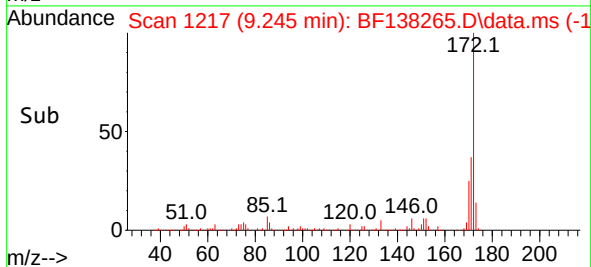
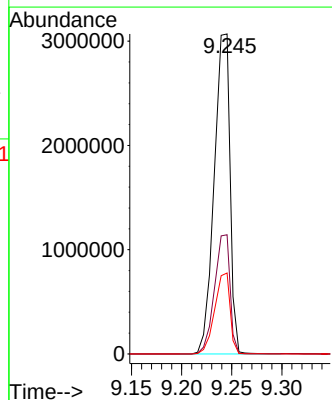
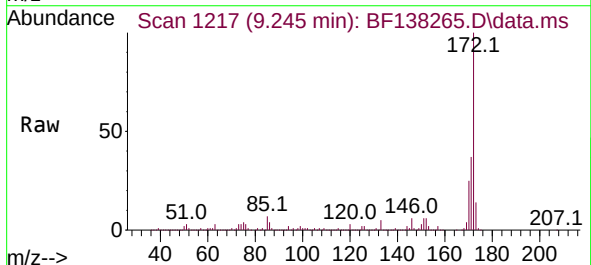
Instrument :
BNA_F
ClientSampleId :
WCS-TPE

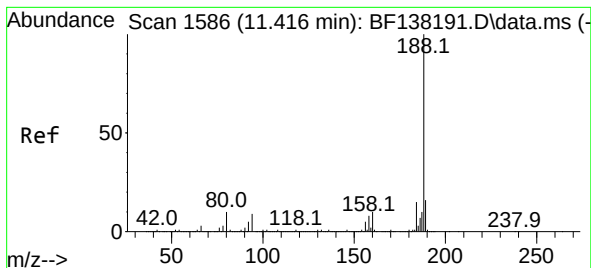
Tgt Ion:330 Resp: 948247
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 28.5 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 73.084 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Tgt Ion:172 Resp: 3387867
Ion Ratio Lower Upper
172 100
171 37.3 30.3 45.5
170 25.3 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138265.D

Acq: 20 Jun 2024 16:41

Instrument :

BNA_F

ClientSampleId :

WCS-TPE

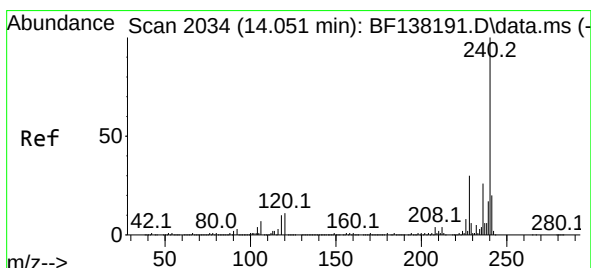
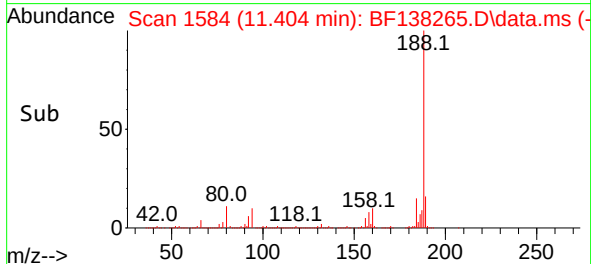
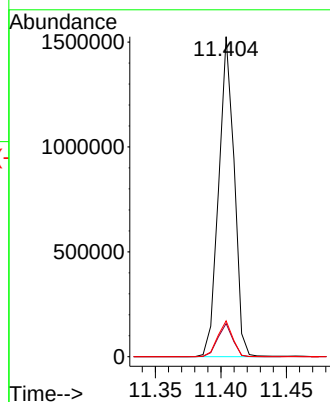
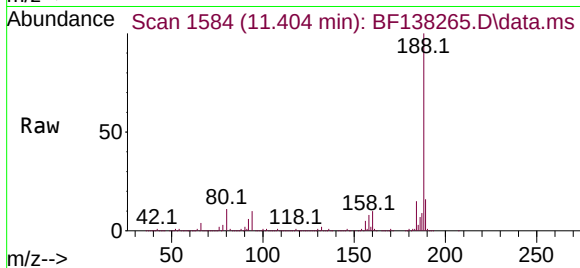
Tgt Ion:188 Resp: 1251767

Ion Ratio Lower Upper

188 100

94 10.4 7.6 11.4

80 11.2 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF138265.D

Acq: 20 Jun 2024 16:41

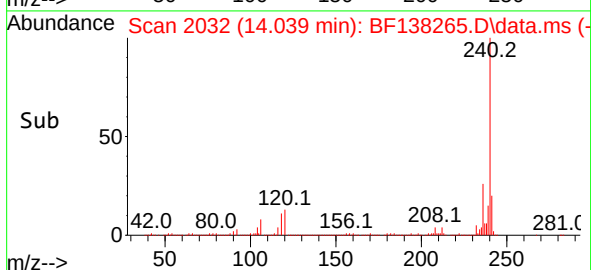
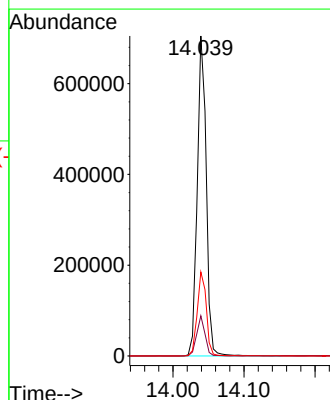
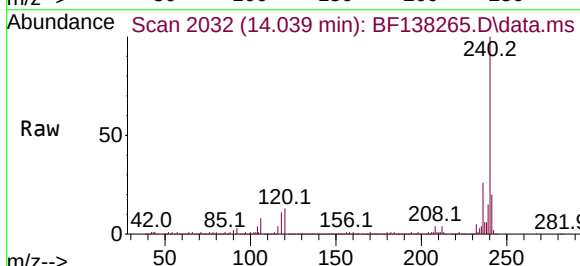
Tgt Ion:240 Resp: 622261

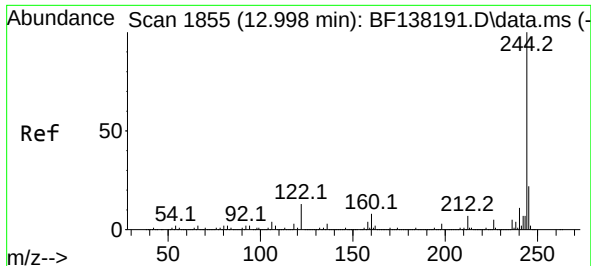
Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

236 26.2 21.0 31.6

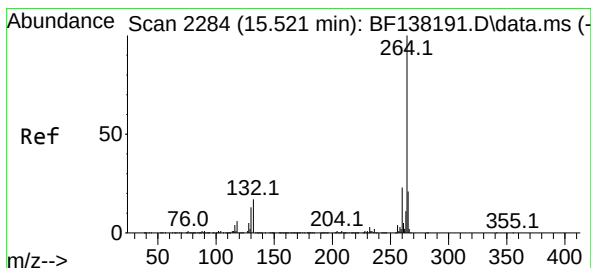
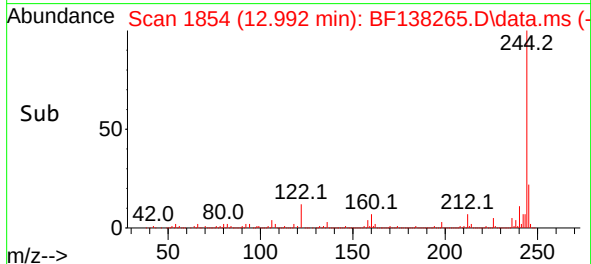
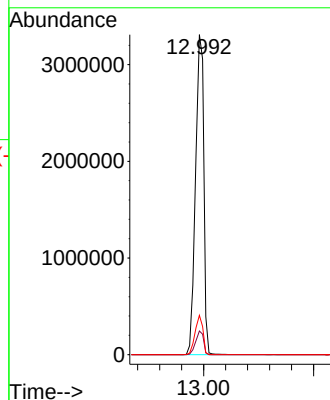
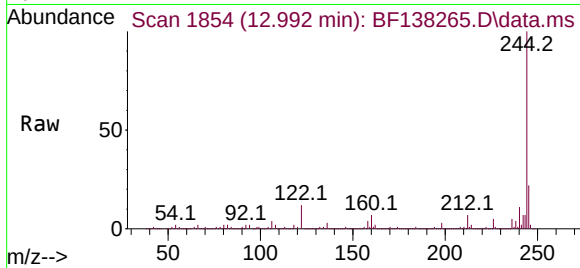




#79
Terphenyl-d14
Concen: 87.252 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Instrument :
BNA_F
ClientSampleId :
WCS-TPE

Tgt Ion:244 Resp: 3428001
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 12.3 10.6 15.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Tgt Ion:264 Resp: 604214
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.8 17.0 25.6

