

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133966.D
 Acq On : 26 Jun 2023 22:42
 Operator : CG\JU
 Sample : 03365-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Quant Time: Jun 26 23:31:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	108671	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	380432	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	164774	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	305398	20.000	ng	0.00
76) Chrysene-d12	14.045	240	186780	20.000	ng	0.00
86) Perylene-d12	15.551	264	161860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	624972	96.202	ng	0.01
7) Phenol-d6	6.492	99	744524	93.189	ng	0.00
23) Nitrobenzene-d5	7.416	82	469328	66.501	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	181847	88.022	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	802042	70.769	ng	0.00
79) Terphenyl-d14	12.980	244	839517	72.338	ng	0.00

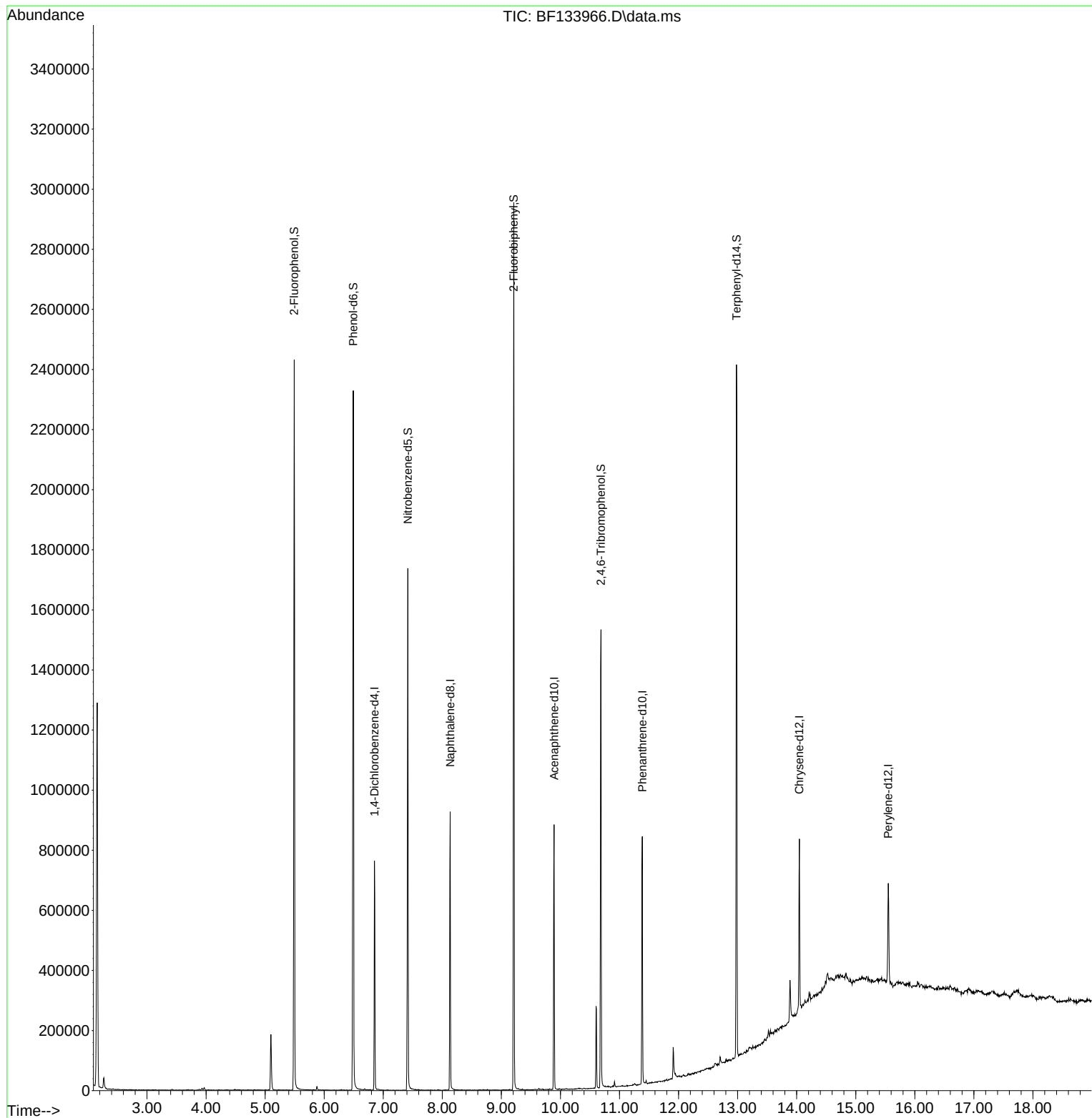
Target Compounds	Qvalue

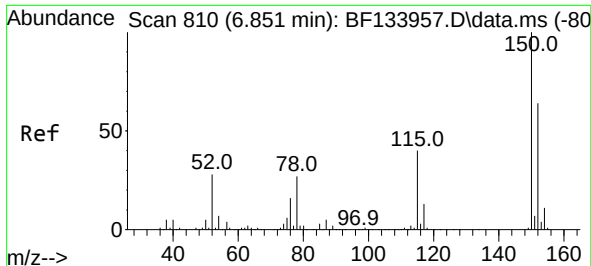
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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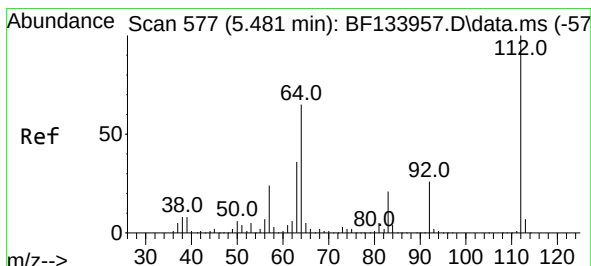
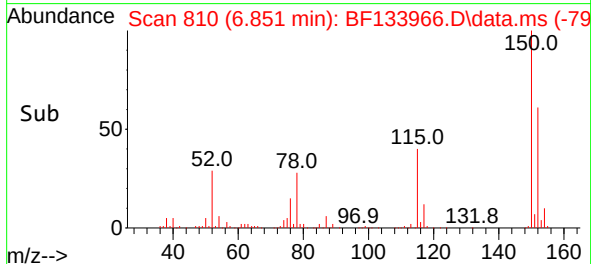
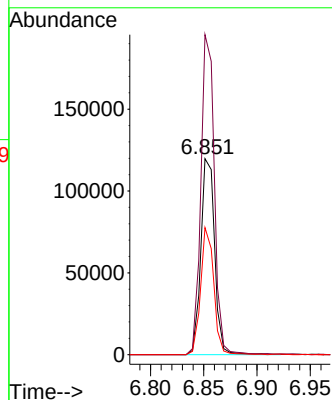
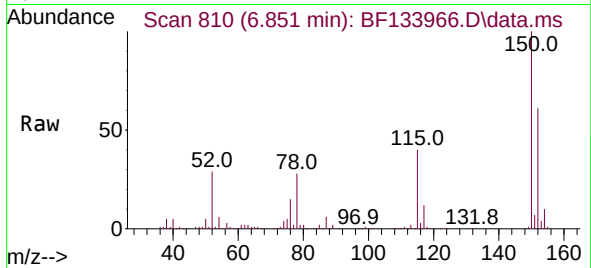




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

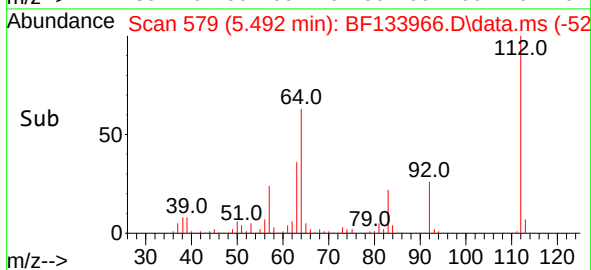
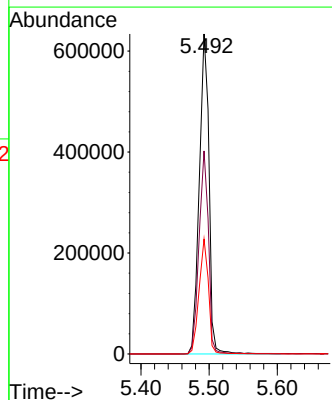
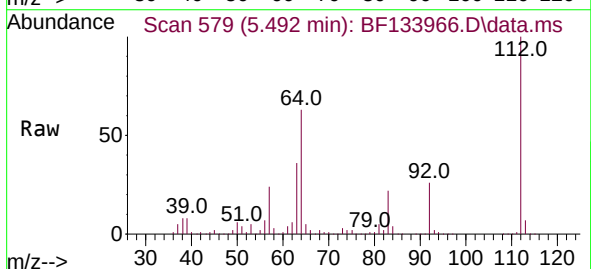
Instrument :
BNA_F
ClientSampleId :
TP1

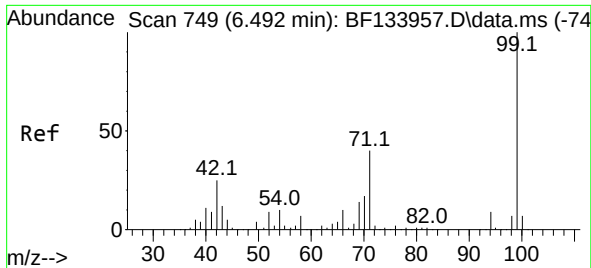
Tgt Ion:152 Resp: 108671
Ion Ratio Lower Upper
152 100
150 163.3 124.5 186.7
115 64.9 50.2 75.2



#5
2-Fluorophenol
Concen: 96.202 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

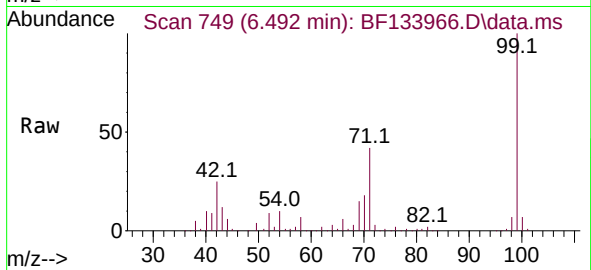
Tgt Ion:112 Resp: 624972
Ion Ratio Lower Upper
112 100
64 63.5 52.1 78.1
63 35.9 28.6 42.8



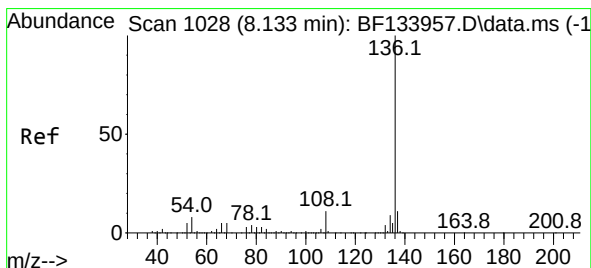
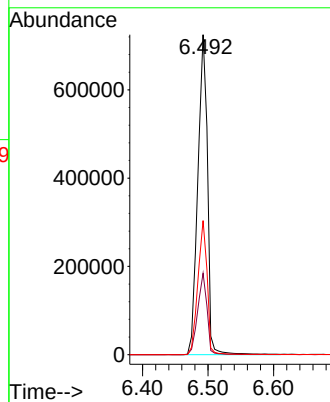
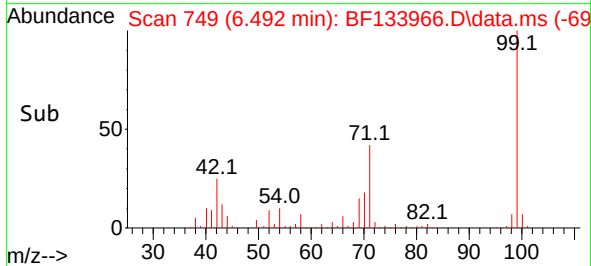


#7
Phenol-d6
Concen: 93.189 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

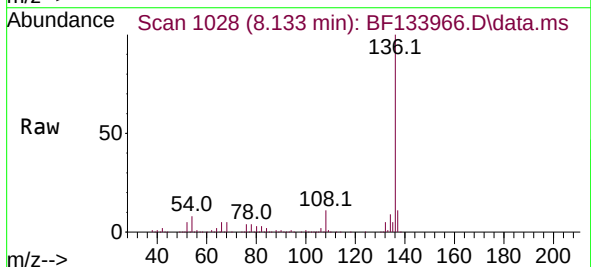
Instrument :
BNA_F
ClientSampleId :
TP1



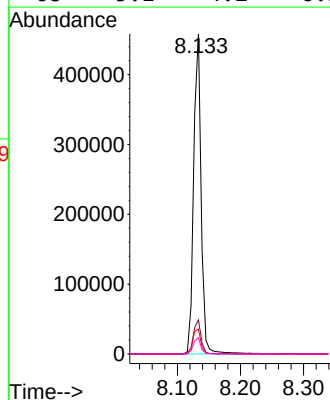
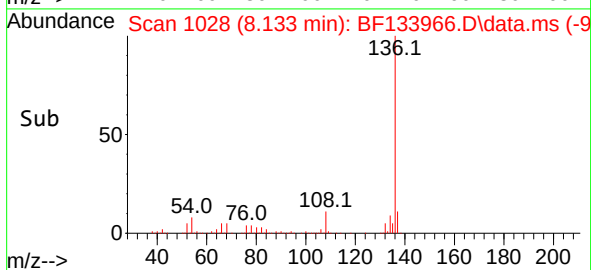
Tgt Ion:	99	Resp:	744524
Ion	Ratio	Lower	Upper
99	100		
42	25.4	19.8	29.6
71	41.9	31.9	47.9

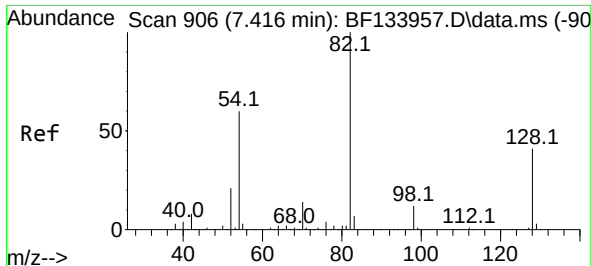


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42



Tgt Ion:	136	Resp:	380432
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.8	6.5	9.7
68	5.1	4.2	6.2

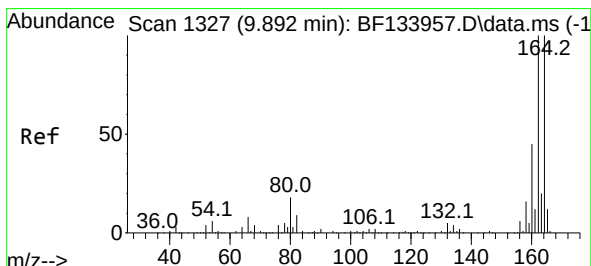
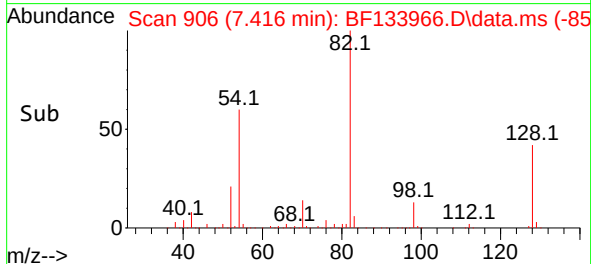
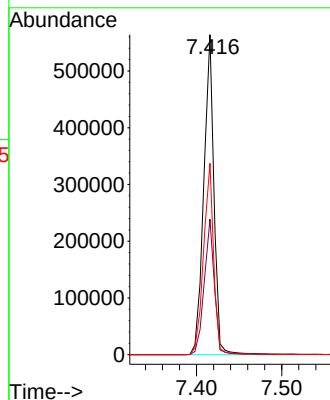
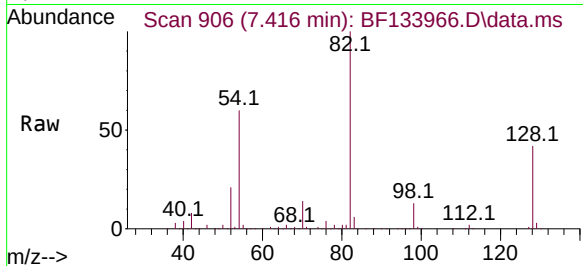




#23
Nitrobenzene-d5
Concen: 66.501 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

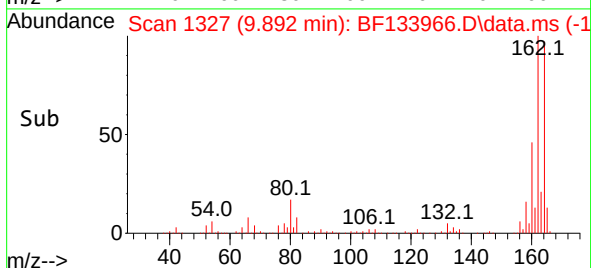
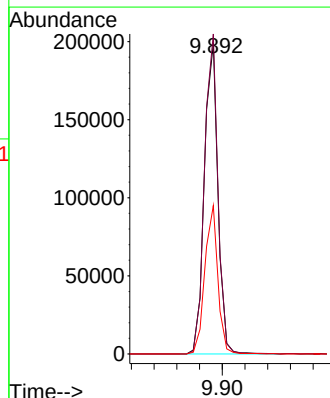
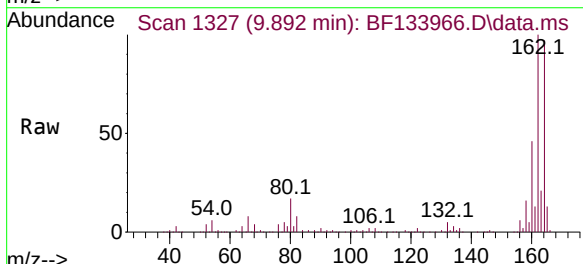
Instrument :
BNA_F
ClientSampleId :
TP1

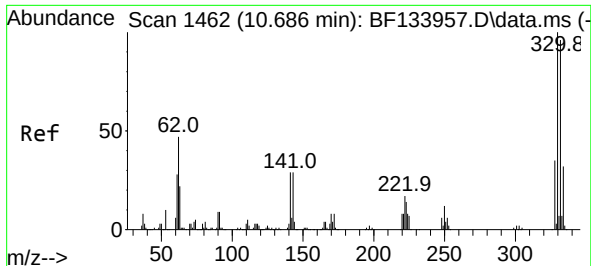
Tgt Ion: 82 Resp: 469328
Ion Ratio Lower Upper
82 100
128 42.4 32.5 48.7
54 59.8 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

Tgt Ion: 164 Resp: 164774
Ion Ratio Lower Upper
164 100
162 103.0 80.0 120.0
160 47.7 35.9 53.9

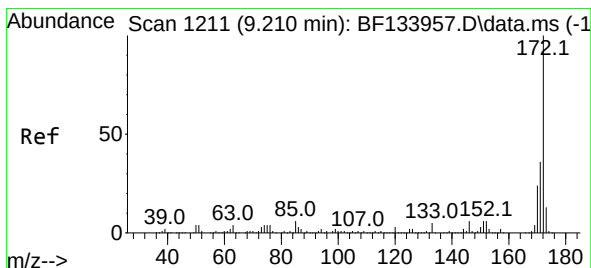
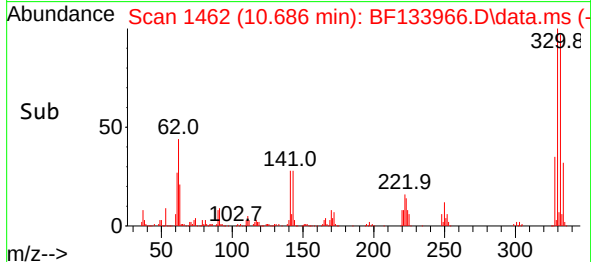
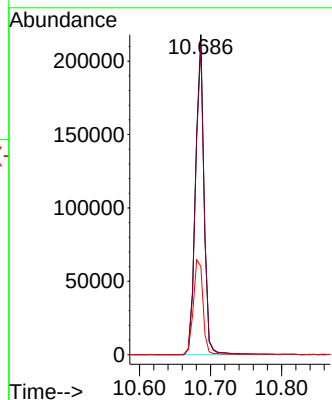
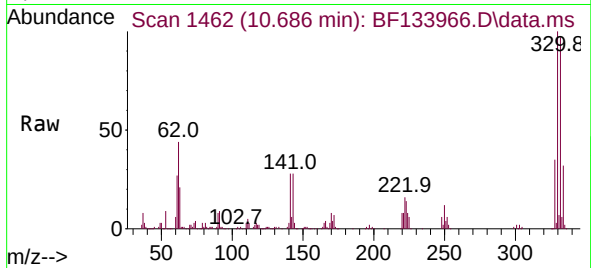




#42
 2,4,6-Tribromophenol
 Concen: 88.022 ng
 RT: 10.686 min Scan# 1462
 Delta R.T. -0.000 min
 Lab File: BF133966.D
 Acq: 26 Jun 2023 22:42

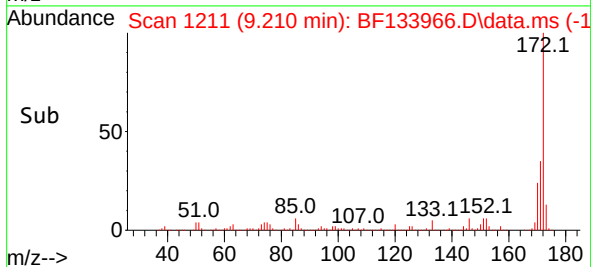
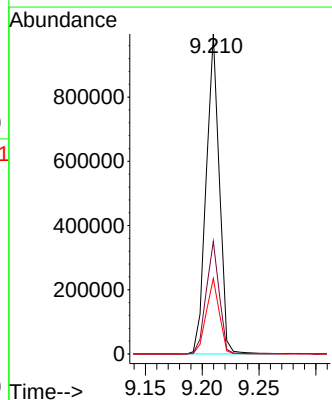
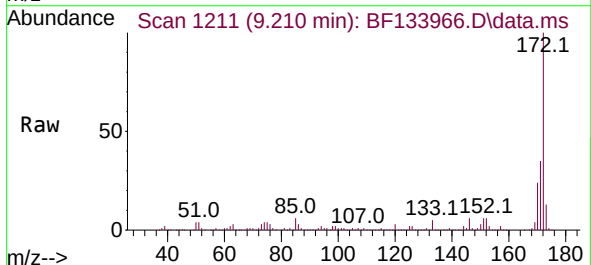
Instrument :
 BNA_F
 ClientSampleId :
 TP1

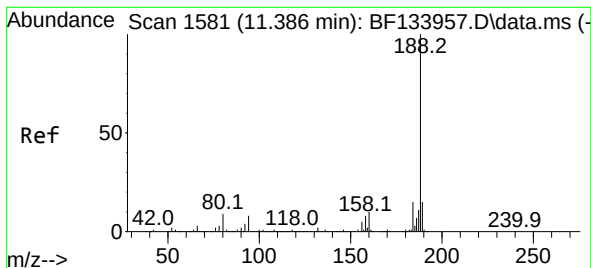
Tgt Ion: 330 Resp: 181847
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 33.9 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 70.769 ng
 RT: 9.210 min Scan# 1211
 Delta R.T. 0.000 min
 Lab File: BF133966.D
 Acq: 26 Jun 2023 22:42

Tgt Ion: 172 Resp: 802042
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.6 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133966.D

Acq: 26 Jun 2023 22:42

Instrument :

BNA_F

ClientSampleId :

TP1

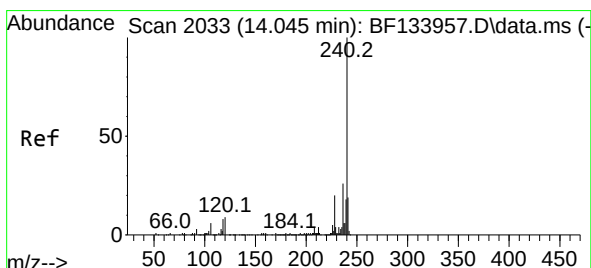
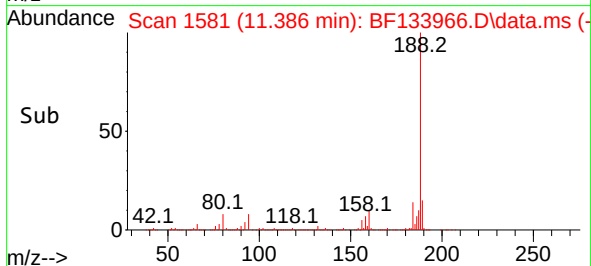
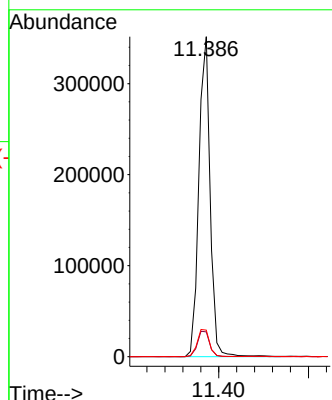
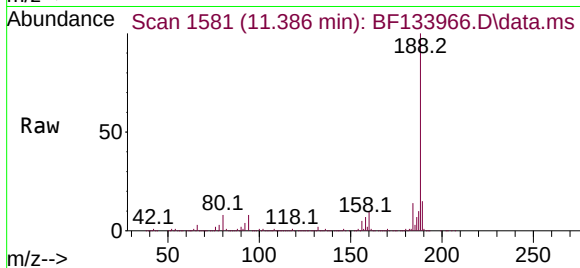
Tgt Ion:188 Resp: 305398

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF133966.D

Acq: 26 Jun 2023 22:42

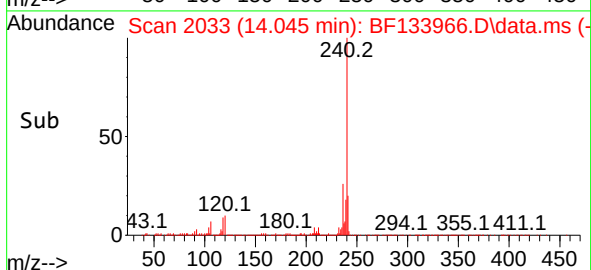
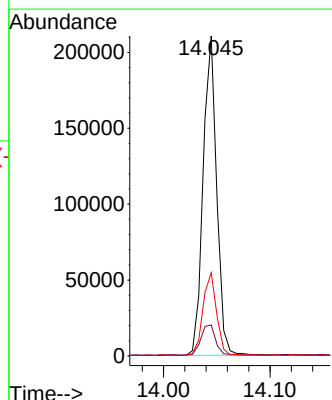
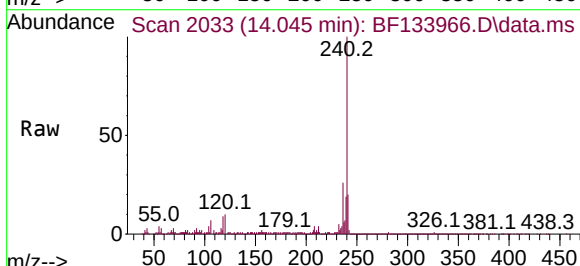
Tgt Ion:240 Resp: 186780

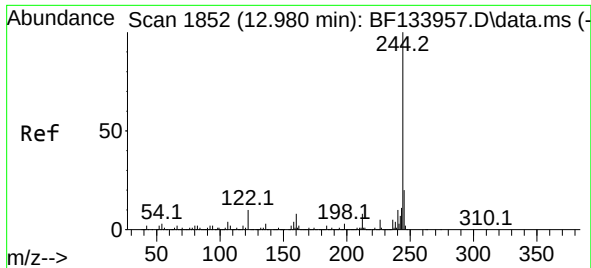
Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.0

236 26.0 21.0 31.6

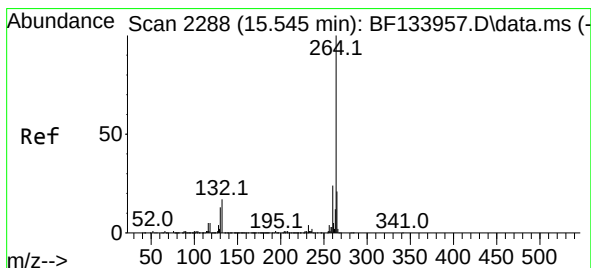
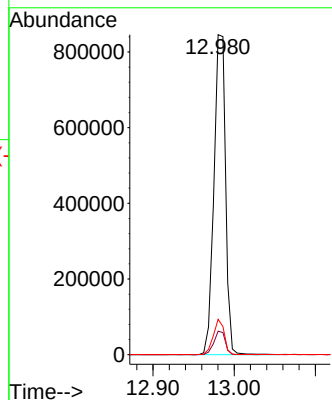
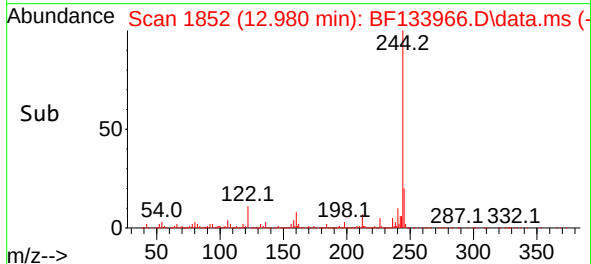
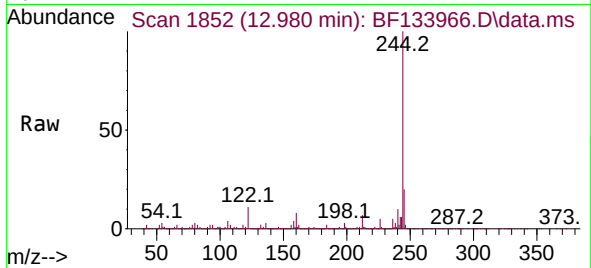




#79
 Terphenyl-d14
 Concen: 72.338 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF133966.D
 Acq: 26 Jun 2023 22:42

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Tgt Ion:244 Resp: 839517
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF133966.D
 Acq: 26 Jun 2023 22:42

Tgt Ion:264 Resp: 161860
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 20.6 16.6 25.0

