

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128787.D
 Acq On : 13 Jun 2022 16:42
 Operator : CG\JU
 Sample : N3286-03DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2DDL

Quant Time: Jun 14 01:56:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

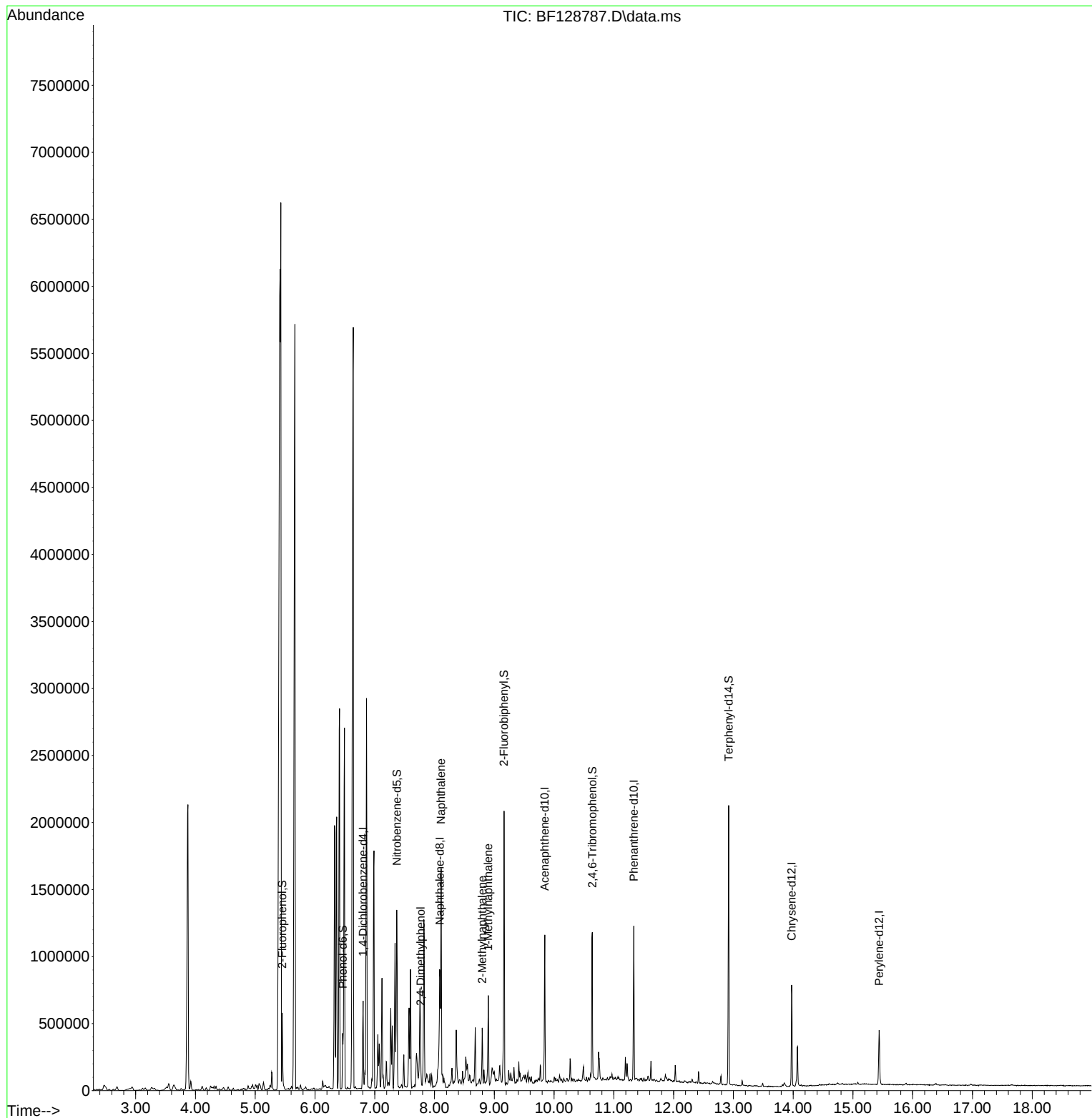
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	96567	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	364438	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	207346	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	384211	20.000	ng	0.00
76) Chrysene-d12	13.974	240	268529	20.000	ng	#-0.01
86) Perylene-d12	15.439	264	184562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	141984	23.420	ng	0.00
7) Phenol-d6	6.463	99	115706	15.635	ng	-0.02
23) Nitrobenzene-d5	7.369	82	299366	38.245	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	145246	59.287	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	610381	41.236	ng	-0.01
79) Terphenyl-d14	12.922	244	674019	43.615	ng	-0.01
Target Compounds						
27) 2,4-Dimethylphenol	7.769	122	49486	10.260	ng	# 92
31) Naphthalene	8.110	128	682767	36.505	ng	99
37) 2-Methylnaphthalene	8.798	142	102125	8.585	ng	97
38) 1-Methylnaphthalene	8.898	142	115413	10.041	ng	98

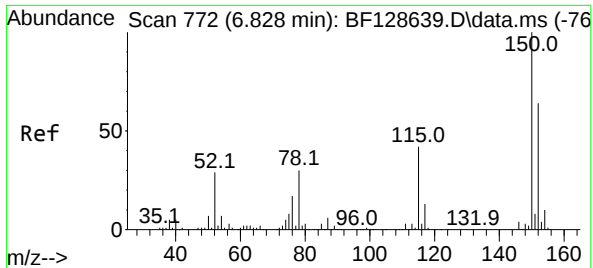
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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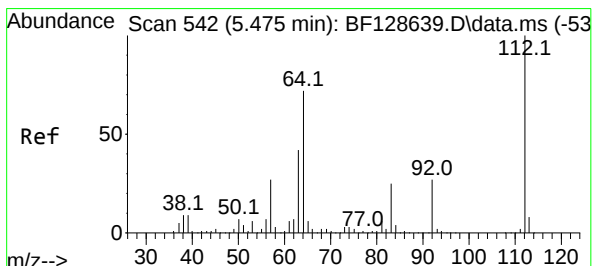
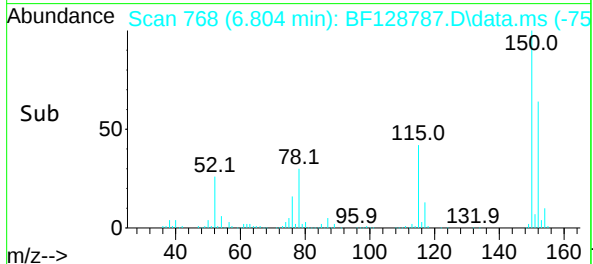
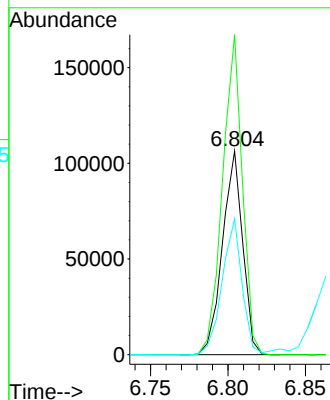
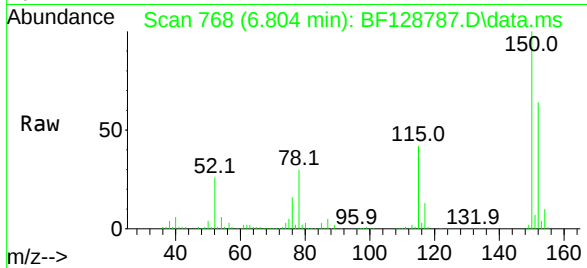




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42

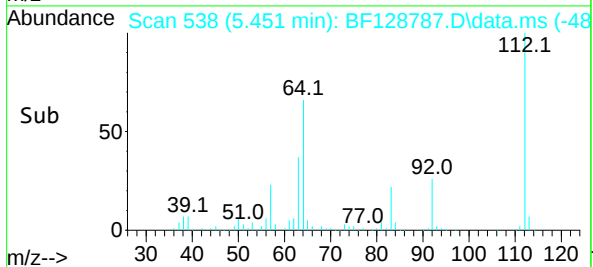
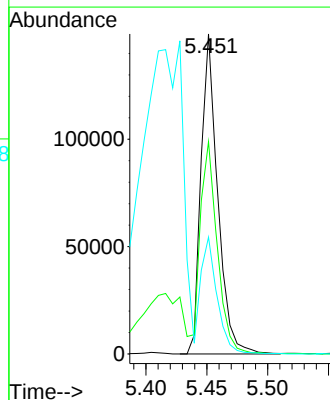
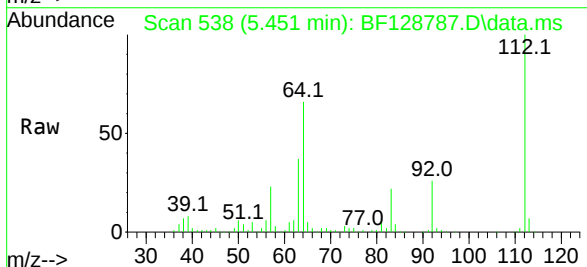
Instrument :
BNA_F
ClientSampleId :
MW-2DDL

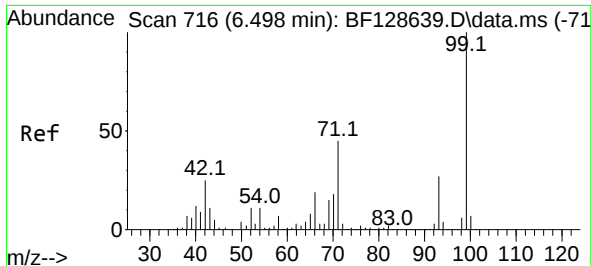
Tgt Ion:152 Resp: 96567
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 66.7 49.9 74.9



#5
2-Fluorophenol
Concen: 23.420 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42

Tgt Ion:112 Resp: 141984
Ion Ratio Lower Upper
112 100
64 66.3 53.3 79.9
63 36.5 28.0 42.0

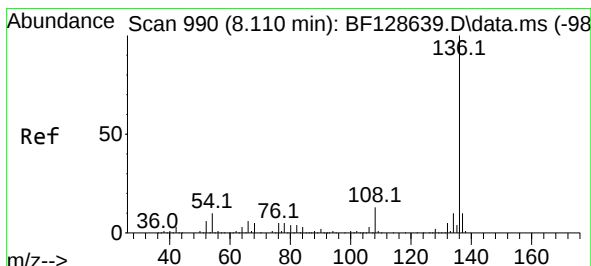
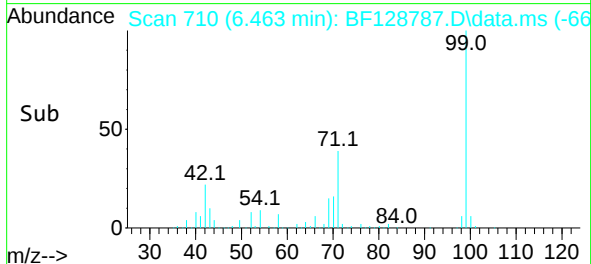
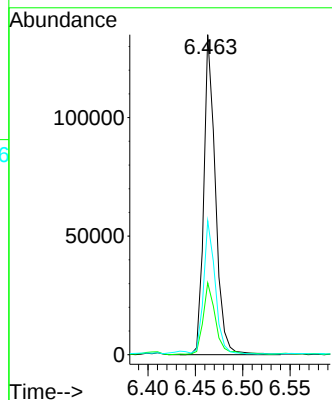
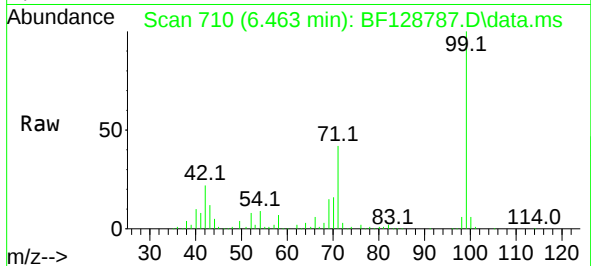




#7
Phenol-d6
Concen: 15.635 ng
RT: 6.463 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42

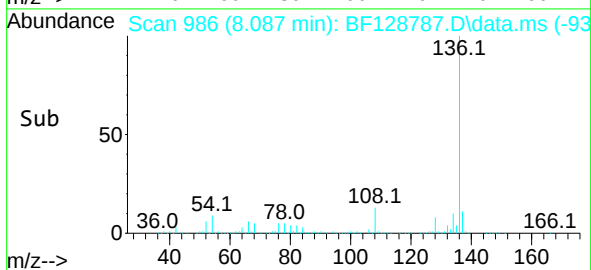
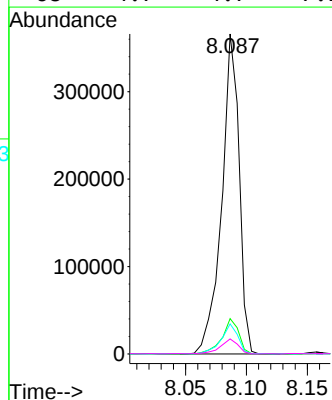
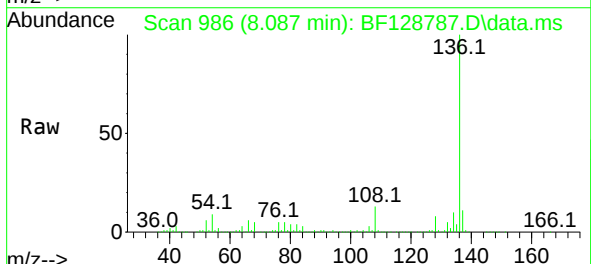
Instrument :
BNA_F
ClientSampleId :
MW-2DDL

Tgt Ion: 99 Resp: 115706
Ion Ratio Lower Upper
99 100
42 22.5 17.3 25.9
71 41.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42

Tgt Ion: 136 Resp: 364438
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.4 7.5 11.3
68 4.7 4.7 7.1#

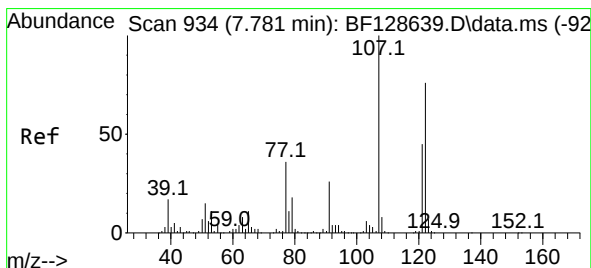
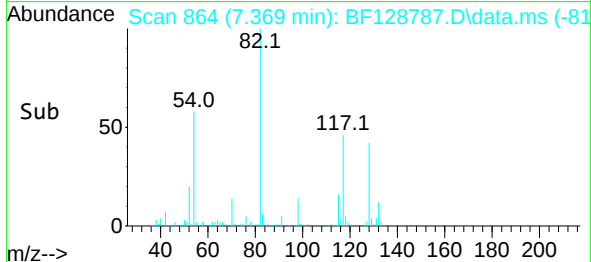
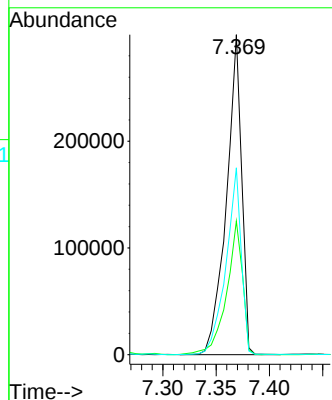
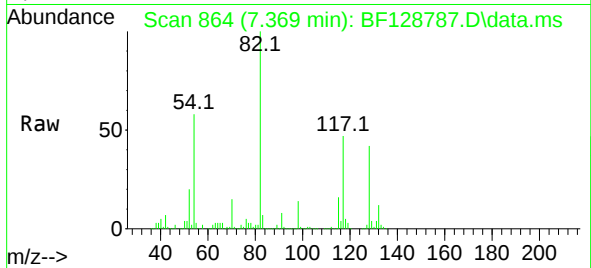




#23
Nitrobenzene-d5
Concen: 38.245 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42

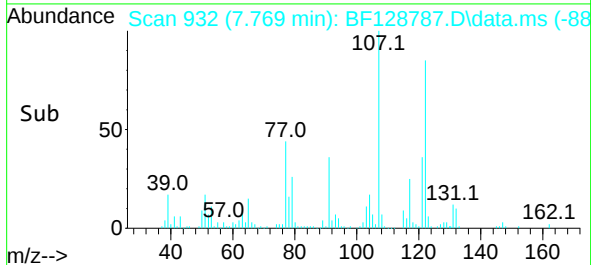
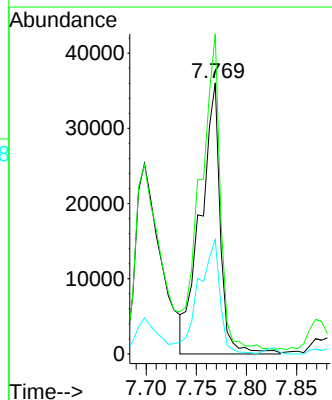
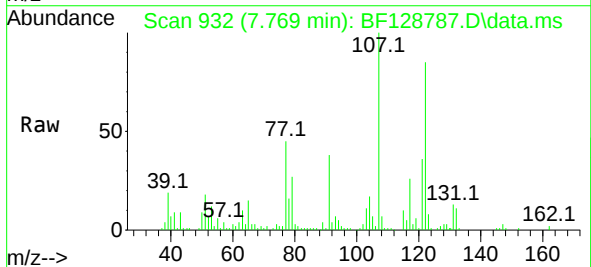
Instrument :
BNA_F
ClientSampleId :
MW-2DDL

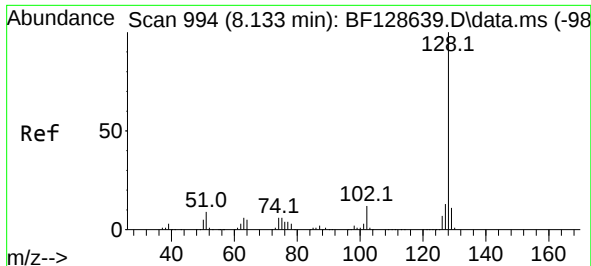
Tgt Ion: 82 Resp: 299366
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 58.4 46.9 70.3



#27
2,4-Dimethylphenol
Concen: 10.260 ng
RT: 7.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42

Tgt Ion:122 Resp: 49486
Ion Ratio Lower Upper
122 100
107 118.1 93.0 139.6
121 42.2 46.6 70.0#

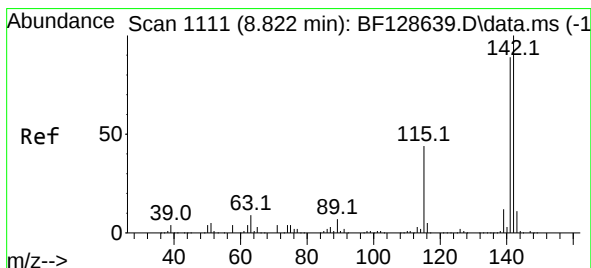
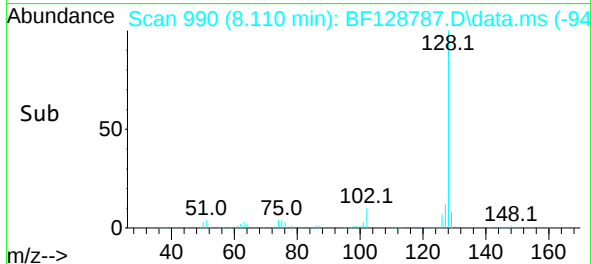
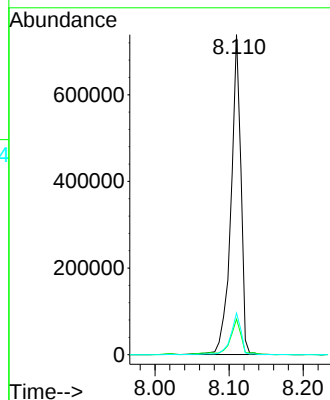
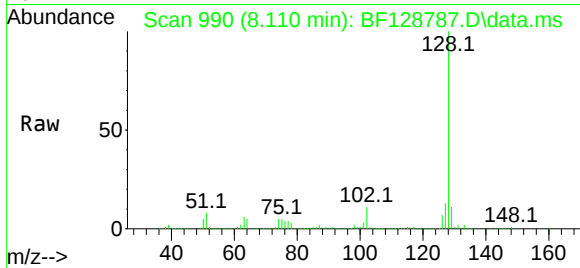




#31
Naphthalene
Concen: 36.505 ng
RT: 8.110 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42

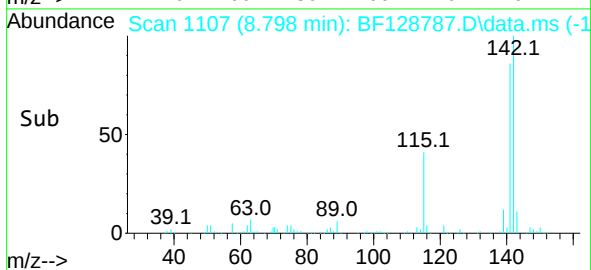
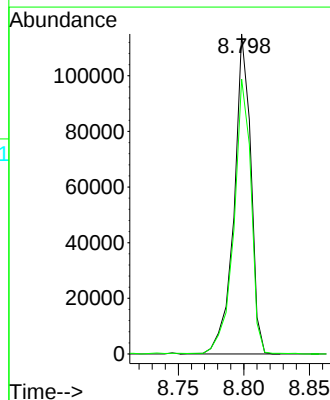
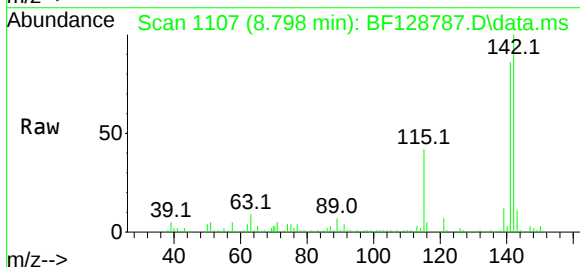
Instrument :
BNA_F
ClientSampleId :
MW-2DDL

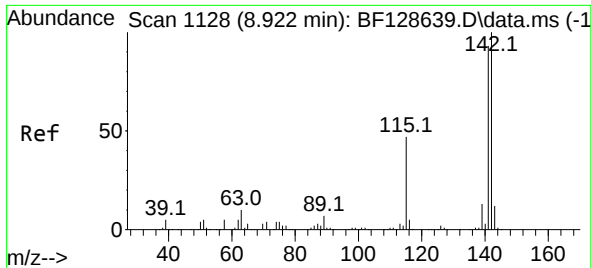
Tgt Ion:128 Resp: 682767
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.0 10.5 15.7



#37
2-Methylnaphthalene
Concen: 8.585 ng
RT: 8.798 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42

Tgt Ion:142 Resp: 102125
Ion Ratio Lower Upper
142 100
141 85.9 71.0 106.4

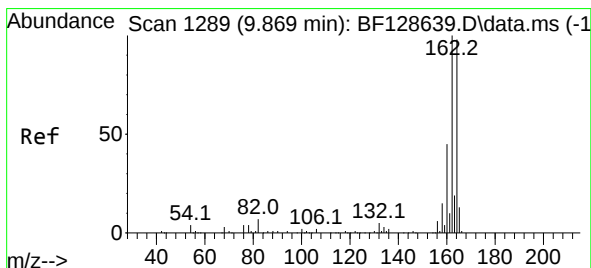
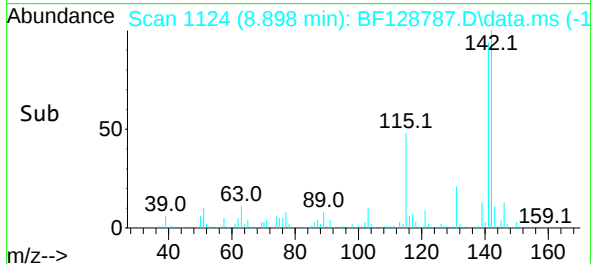
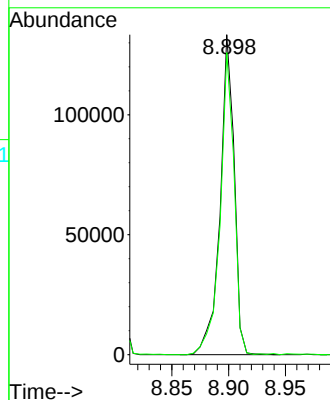
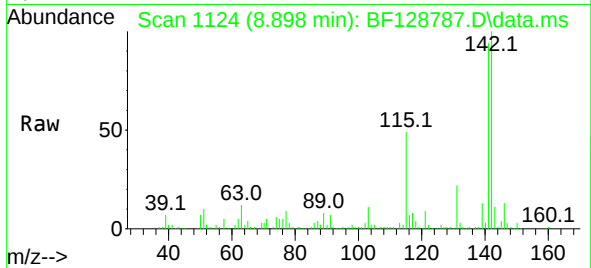




#38
1-Methylnaphthalene
Concen: 10.041 ng
RT: 8.898 min Scan# 1128
Delta R.T. -0.012 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42

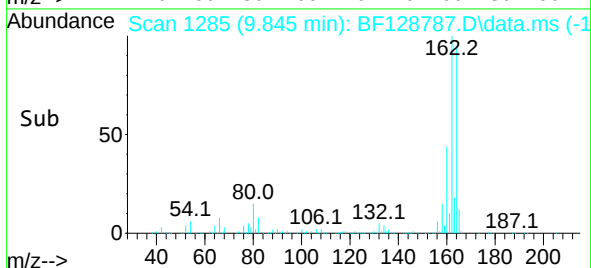
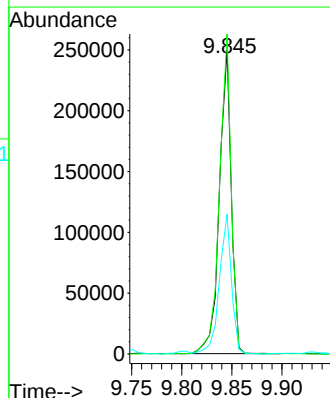
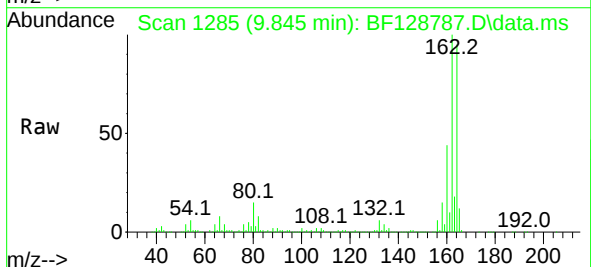
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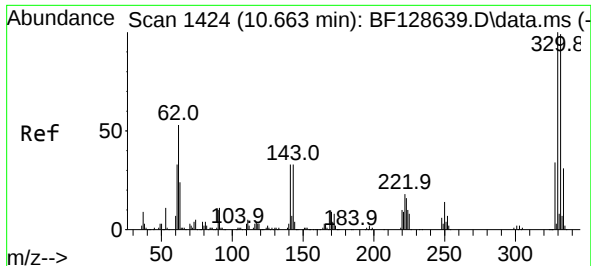
Tgt Ion:142 Resp: 115413
Ion Ratio Lower Upper
142 100
141 94.4 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42

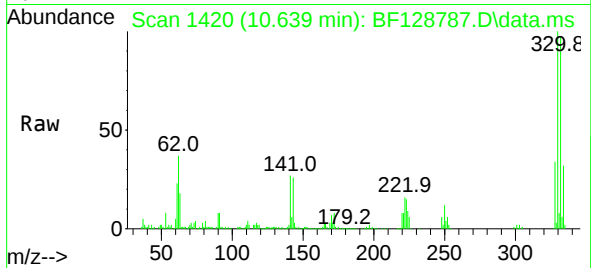
Tgt Ion:164 Resp: 207346
Ion Ratio Lower Upper
164 100
162 105.2 79.5 119.3
160 45.9 34.2 51.4



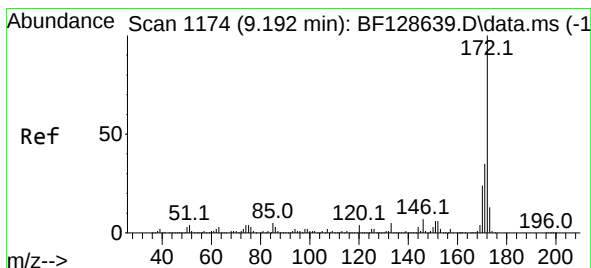
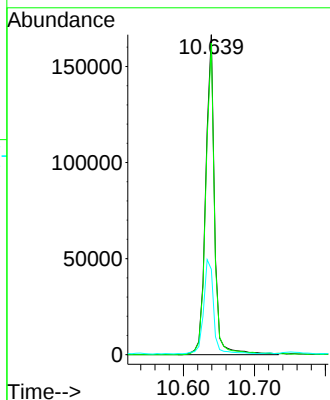
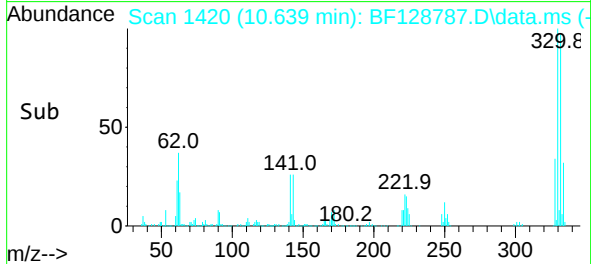


#42
2,4,6-Tribromophenol
Concen: 59.287 ng
RT: 10.639 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42

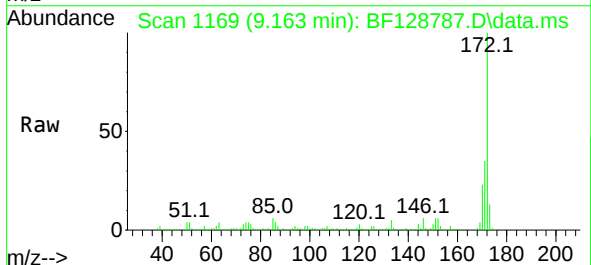
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BNA_F
ClientSampleId :
MW-2DDL



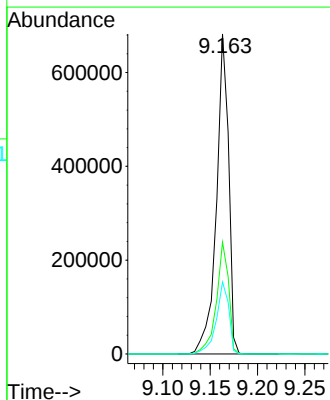
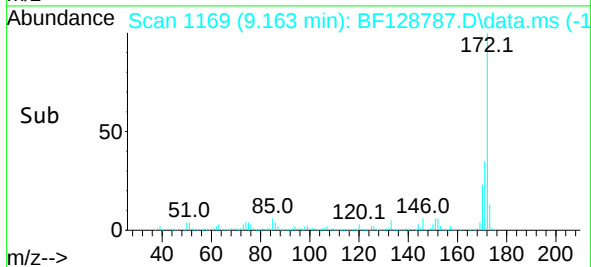
Tgt Ion:330 Resp: 145246
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 33.1 28.0 42.0

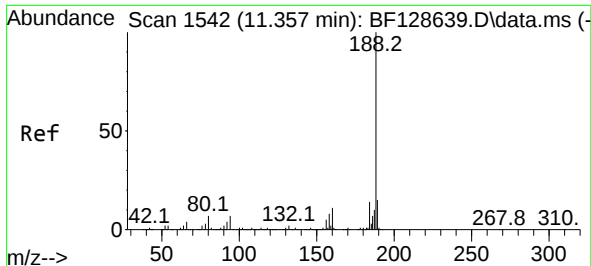


#45
2-Fluorobiphenyl
Concen: 41.236 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42



Tgt Ion:172 Resp: 610381
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 22.5 19.8 29.8

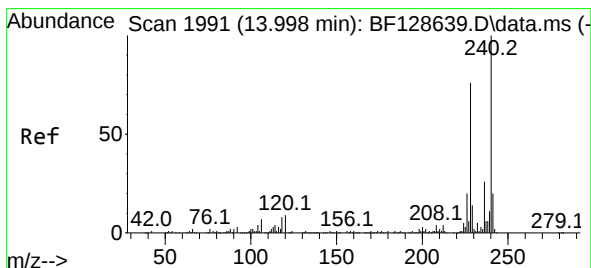
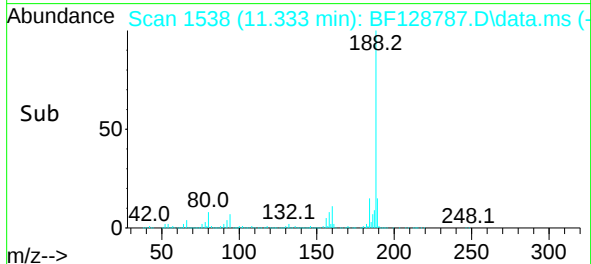
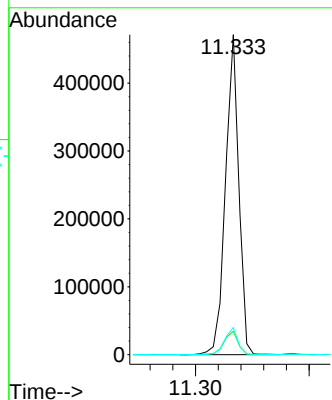
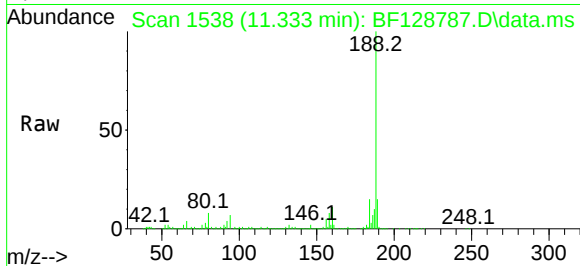




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42

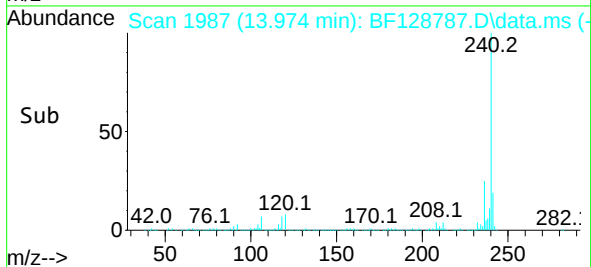
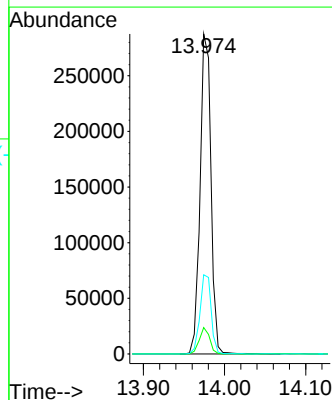
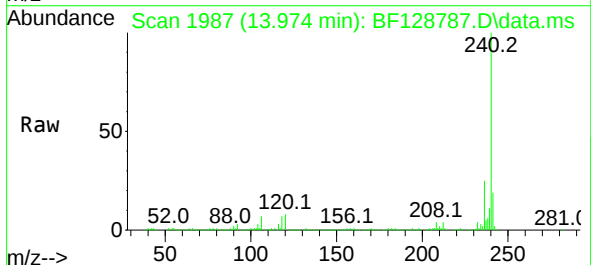
Instrument :
BNA_F
ClientSampleId :
MW-2DDL

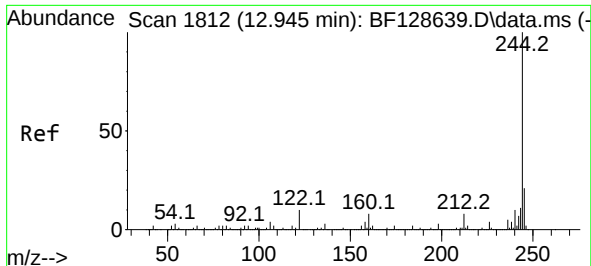
Tgt Ion:188 Resp: 384211
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BF128787.D
Acq: 13 Jun 2022 16:42

Tgt Ion:240 Resp: 268529
Ion Ratio Lower Upper
240 100
120 8.3 8.9 13.3#
236 24.8 20.8 31.2

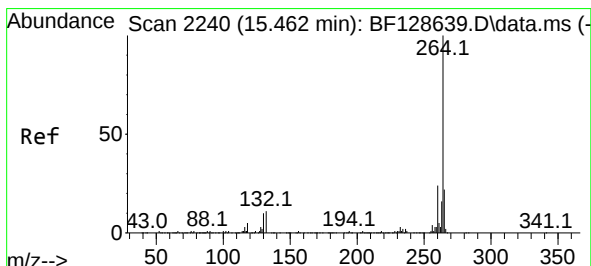
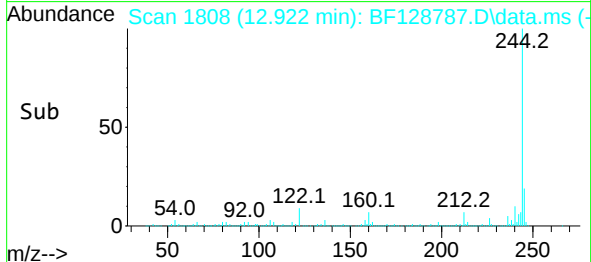
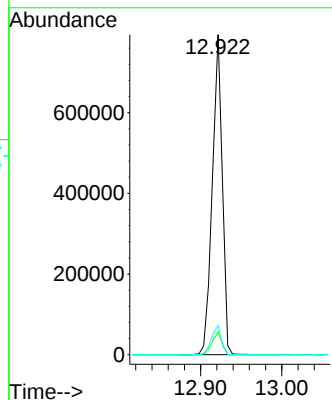
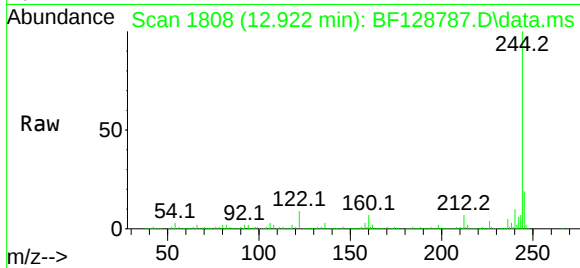




#79
 Terphenyl-d14
 Concen: 43.615 ng
 RT: 12.922 min Scan# 1808
 Delta R.T. -0.012 min
 Lab File: BF128787.D
 Acq: 13 Jun 2022 16:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-2DDL

Tgt Ion:244 Resp: 674019
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 9.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2236
 Delta R.T. -0.006 min
 Lab File: BF128787.D
 Acq: 13 Jun 2022 16:42

Tgt Ion:264 Resp: 184562
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.8 17.2 25.8

