

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128647.D
 Acq On : 02 Jun 2022 19:38
 Operator : CG\JU
 Sample : PB145260BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145260BL

Quant Time: Jun 03 03:27:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

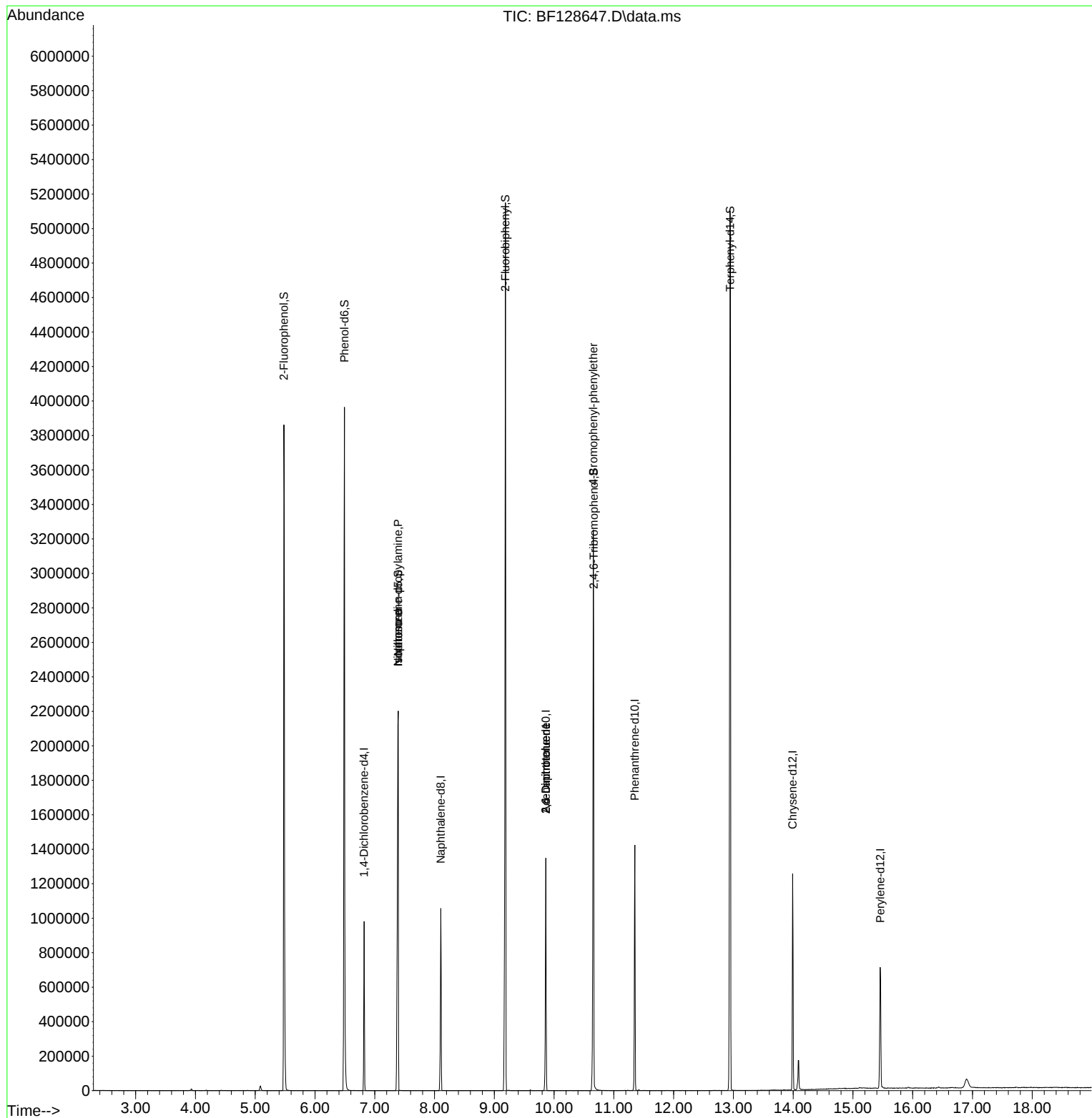
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	114715	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	446201	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	258631	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	496789	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	404010	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	320407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	943683	131.032	ng	0.00
7) Phenol-d6	6.492	99	1175303	133.690	ng	0.00
23) Nitrobenzene-d5	7.392	82	852900	88.995	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	404724	132.442	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1617178	87.590	ng	0.00
79) Terphenyl-d14	12.945	244	2024445	87.071	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	125542	22.968	ng	# 77
25) Isophorone	7.392	82	851397	58.493	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	33064	9.463	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	33064	7.091	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	27120	4.895	ng	# 1

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

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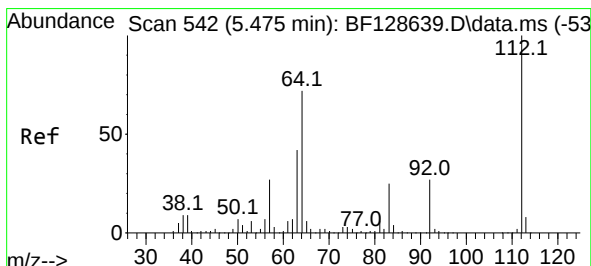
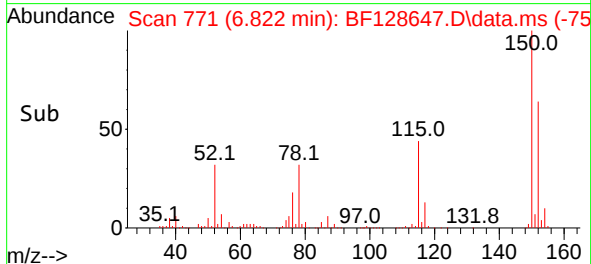
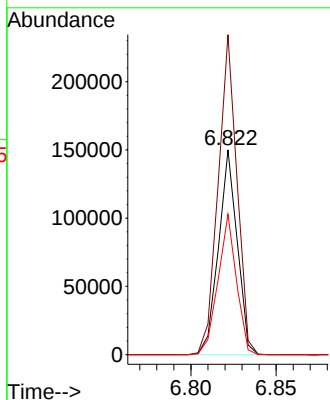
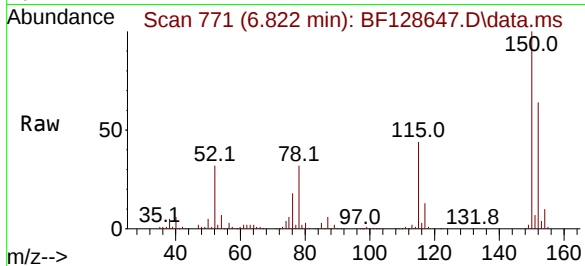




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128647.D
Acq: 02 Jun 2022 19:38

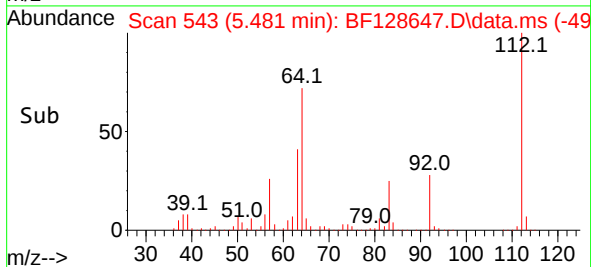
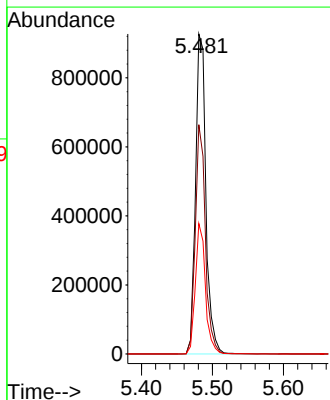
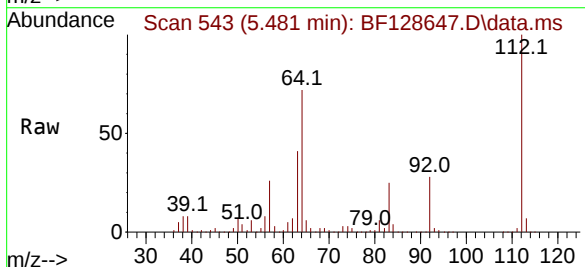
Instrument :
BNA_F
ClientSampleId :
PB145260BL

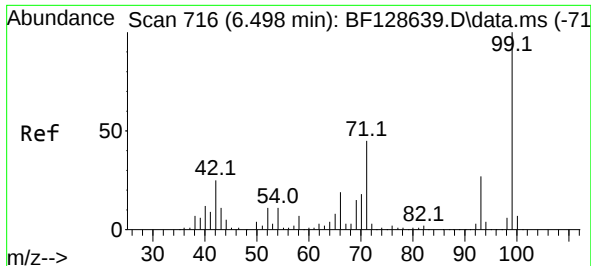
Tgt Ion:152 Resp: 114715
Ion Ratio Lower Upper
152 100
150 156.3 123.7 185.5
115 68.6 49.9 74.9



#5
2-Fluorophenol
Concen: 131.032 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.006 min
Lab File: BF128647.D
Acq: 02 Jun 2022 19:38

Tgt Ion:112 Resp: 943683
Ion Ratio Lower Upper
112 100
64 71.6 53.3 79.9
63 40.8 28.0 42.0

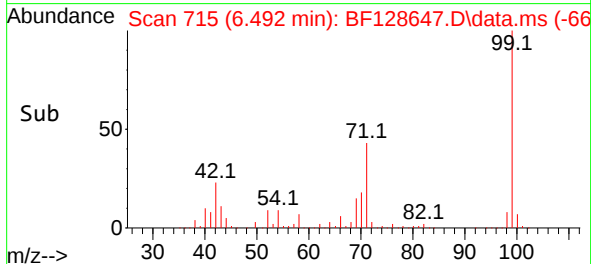
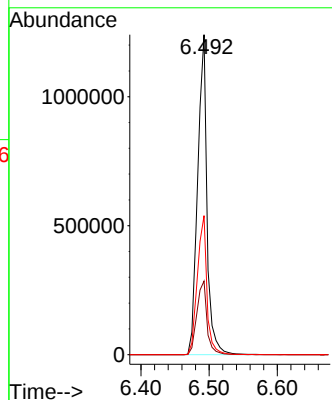
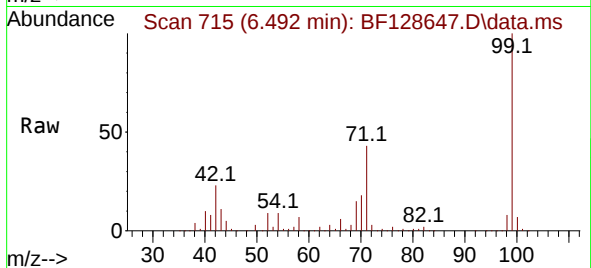




#7
Phenol-d6
Concen: 133.690 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128647.D
Acq: 02 Jun 2022 19:38

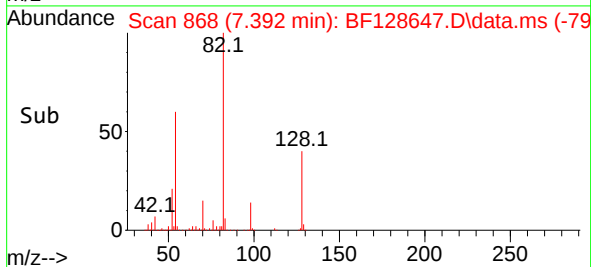
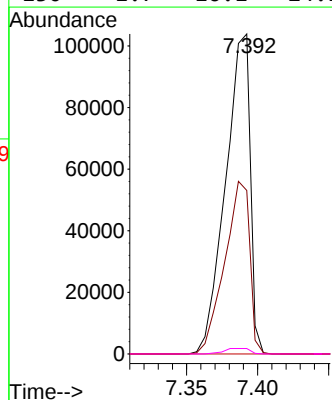
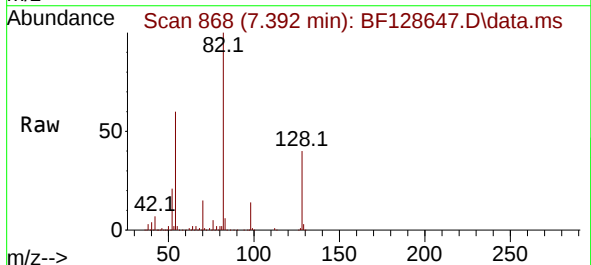
Instrument :
BNA_F
ClientSampleId :
PB145260BL

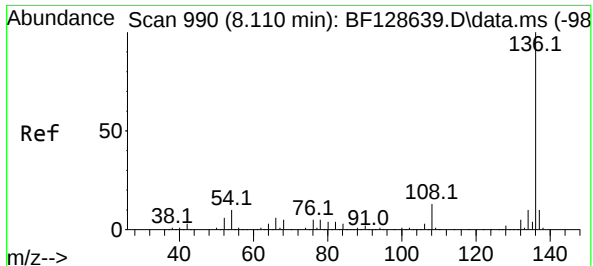
Tgt Ion: 99 Resp: 1175303
Ion Ratio Lower Upper
99 100
42 23.0 17.3 25.9
71 43.4 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 22.968 ng
RT: 7.392 min Scan# 868
Delta R.T. 0.147 min
Lab File: BF128647.D
Acq: 02 Jun 2022 19:38

Tgt Ion: 70 Resp: 125542
Ion Ratio Lower Upper
70 100
42 51.1 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

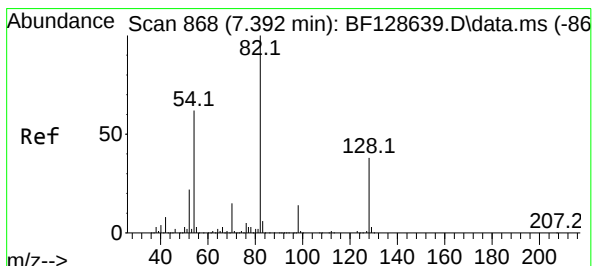
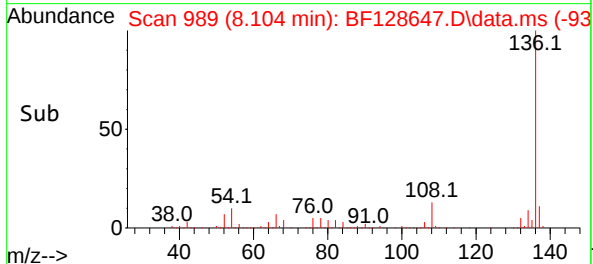
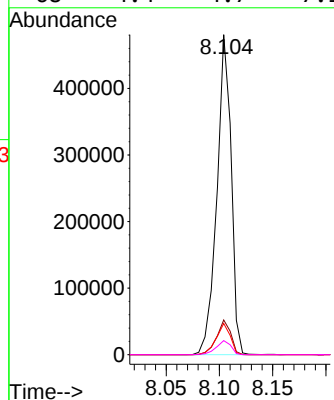
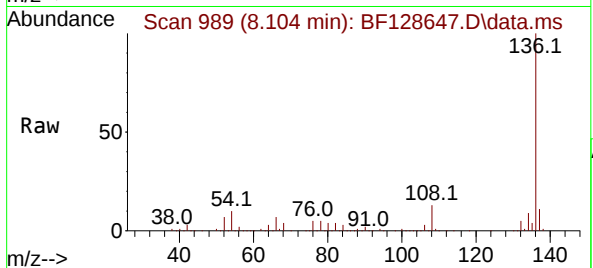




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128647.D
Acq: 02 Jun 2022 19:38

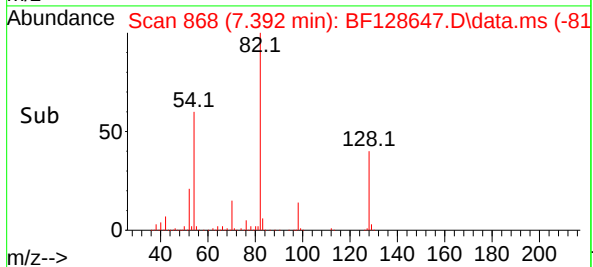
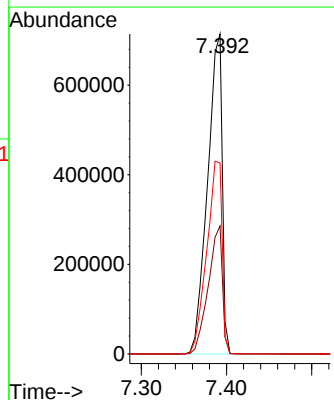
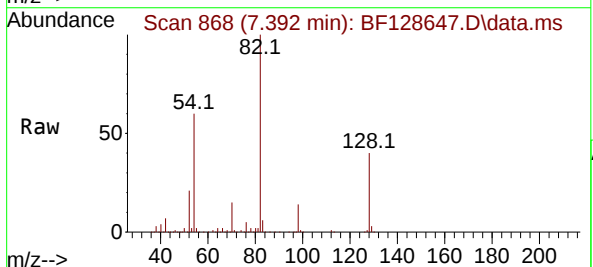
Instrument :
BNA_F
ClientSampleId :
PB145260BL

Tgt Ion:136 Resp: 446201
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.8 7.5 11.3
68 4.4 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 88.995 ng
RT: 7.392 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF128647.D
Acq: 02 Jun 2022 19:38

Tgt Ion: 82 Resp: 852900
Ion Ratio Lower Upper
82 100
128 40.0 34.0 51.0
54 59.7 46.9 70.3

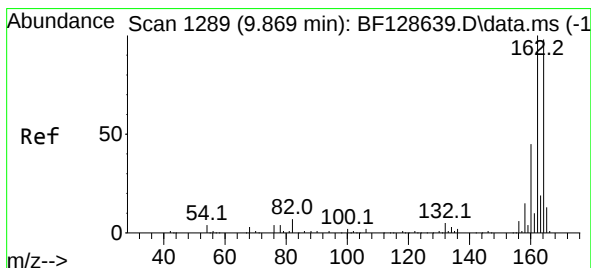
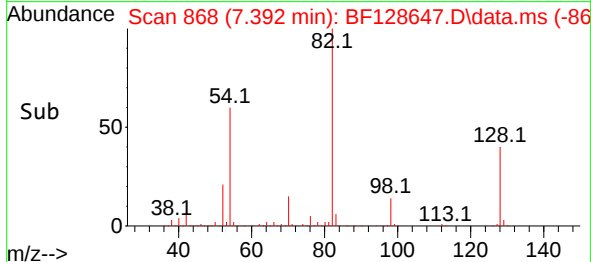
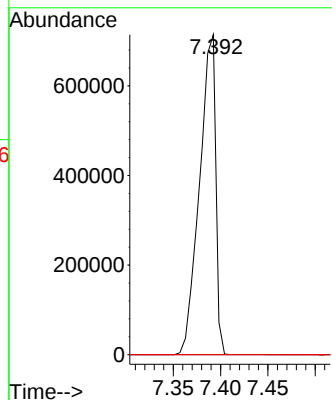
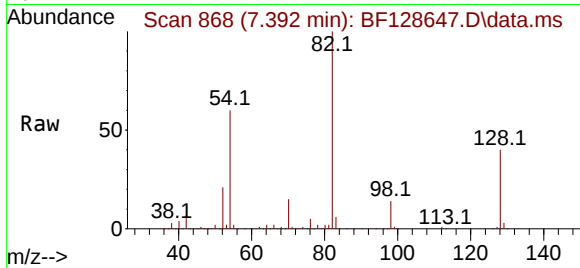




#25
Isophorone
Concen: 58.493 ng
RT: 7.392 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128647.D
Acq: 02 Jun 2022 19:38

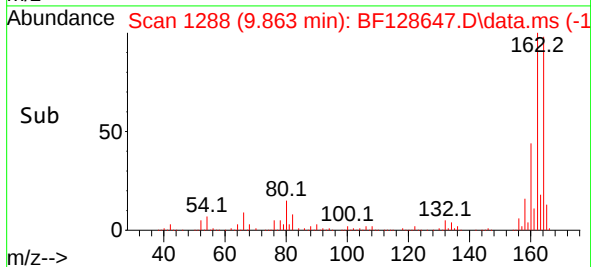
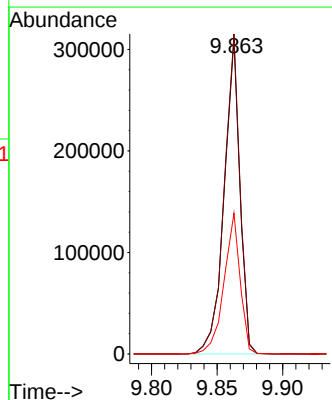
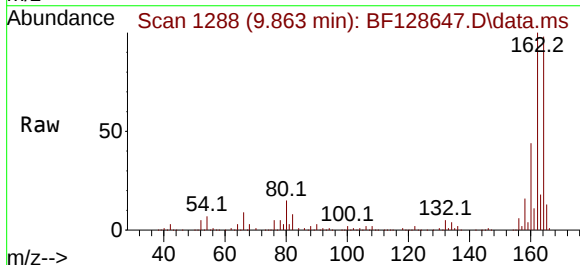
Instrument :
BNA_F
ClientSampleId :
PB145260BL

Tgt Ion: 82 Resp: 851397
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128647.D
Acq: 02 Jun 2022 19:38

Tgt Ion:164 Resp: 258631
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 44.7 34.2 51.4

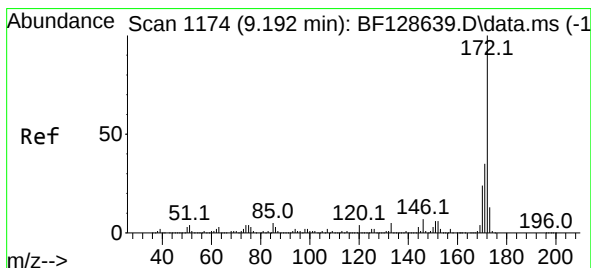
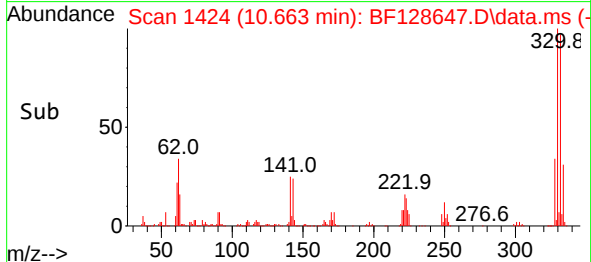
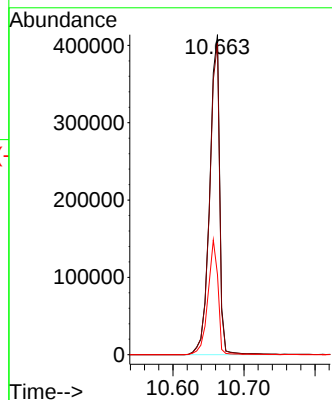
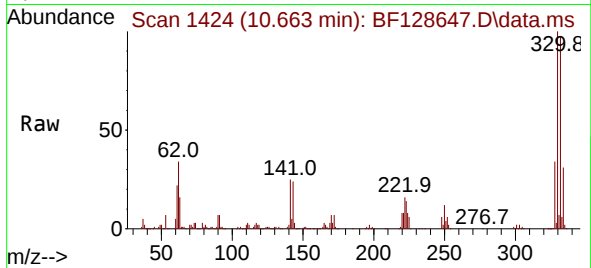




#42
 2,4,6-Tribromophenol
 Concen: 132.442 ng
 RT: 10.663 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: BF128647.D
 Acq: 02 Jun 2022 19:38

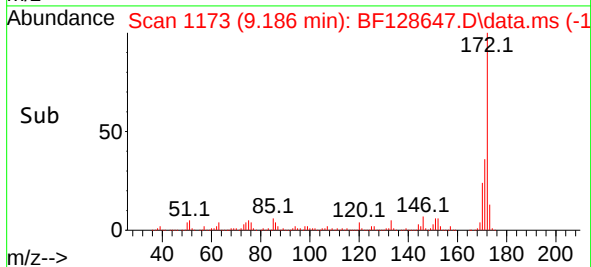
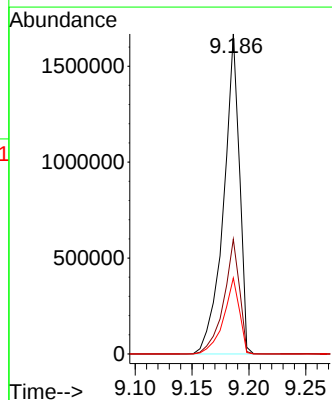
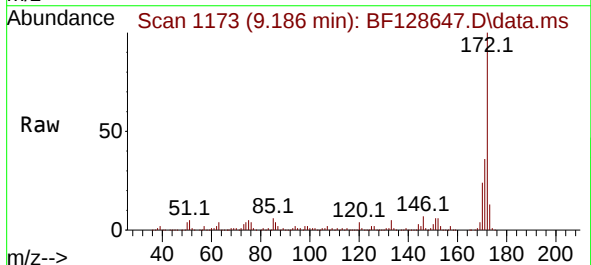
Instrument :
 BNA_F
 ClientSampleId :
 PB145260BL

Tgt Ion:330 Resp: 404724
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.8 115.2
 141 36.1 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 87.590 ng
 RT: 9.186 min Scan# 1173
 Delta R.T. -0.006 min
 Lab File: BF128647.D
 Acq: 02 Jun 2022 19:38

Tgt Ion:172 Resp: 1617178
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.8 43.2
 170 23.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.463 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128647.D

Acq: 02 Jun 2022 19:38

Instrument :

BNA_F

ClientSampleId :

PB145260BL

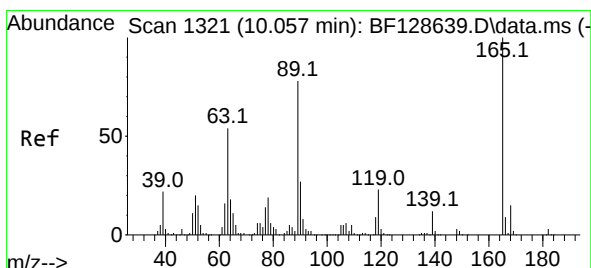
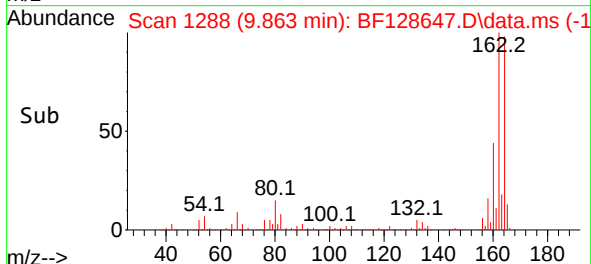
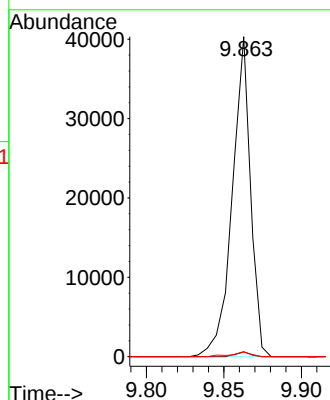
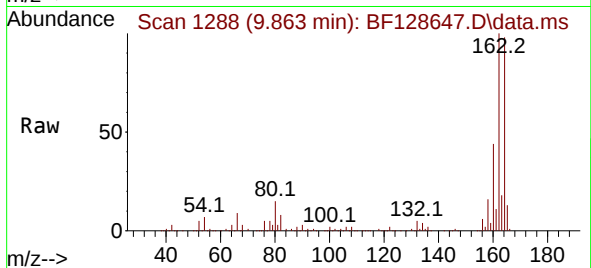
Tgt Ion:165 Resp: 33064

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.091 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128647.D

Acq: 02 Jun 2022 19:38

Tgt Ion:165 Resp: 33064

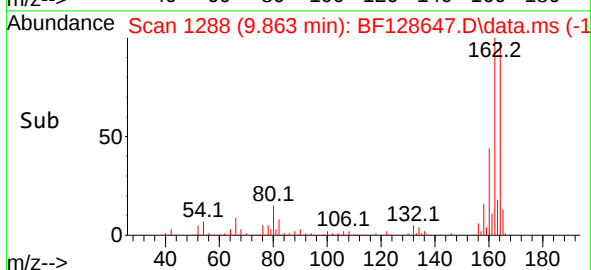
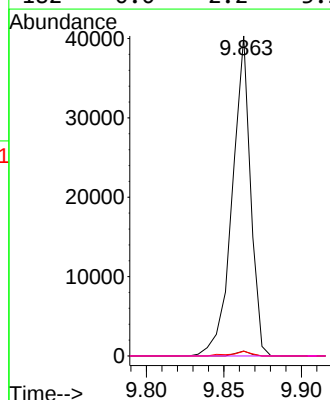
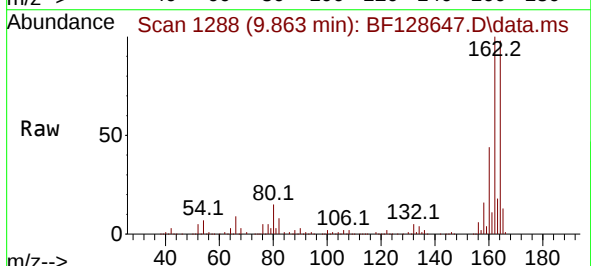
Ion Ratio Lower Upper

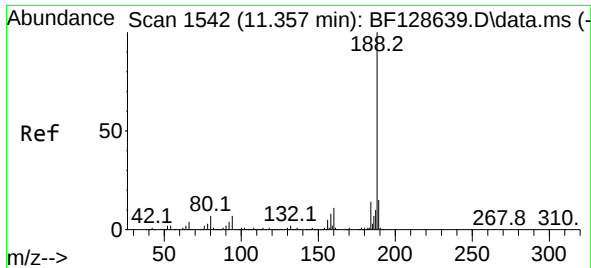
165 100

63 1.5 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#

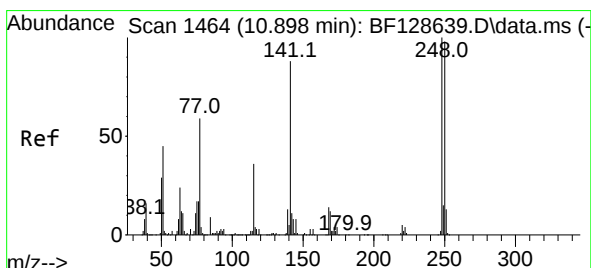
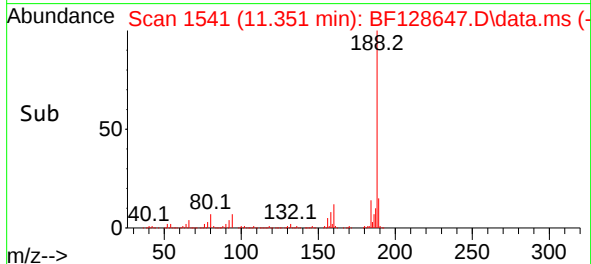
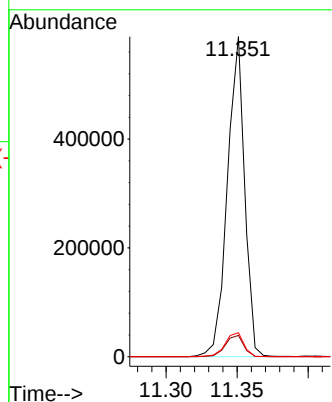
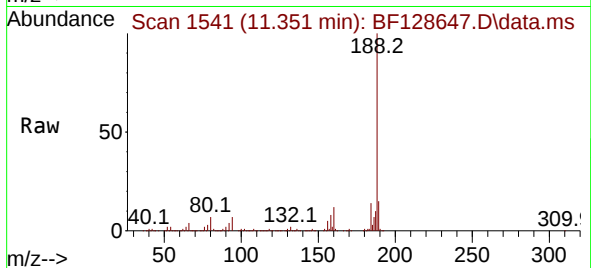




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128647.D
Acq: 02 Jun 2022 19:38

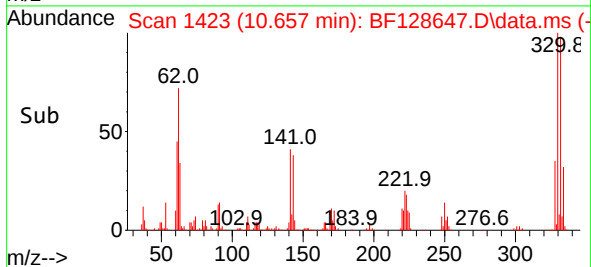
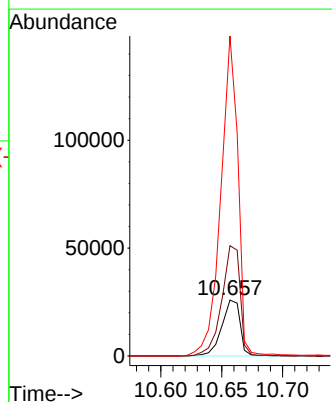
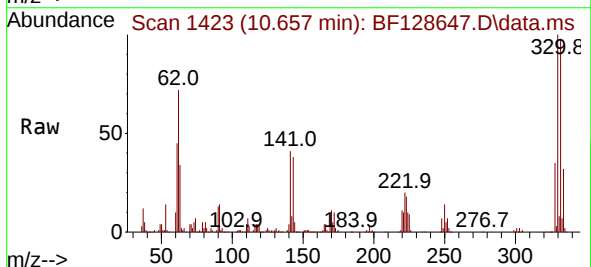
Instrument :
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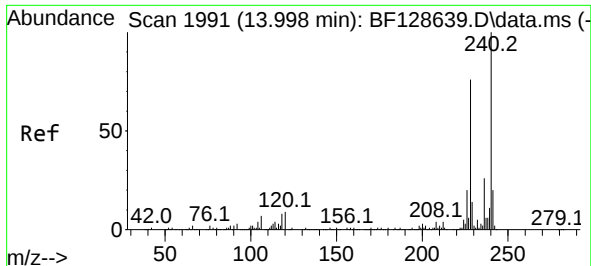
Tgt Ion:188 Resp: 496789
Ion Ratio Lower Upper
188 100
94 6.7 7.0 10.6#
80 7.5 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.895 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128647.D
Acq: 02 Jun 2022 19:38

Tgt Ion:248 Resp: 27120
Ion Ratio Lower Upper
248 100
250 197.3 80.6 120.8#
141 572.7 58.9 88.3#

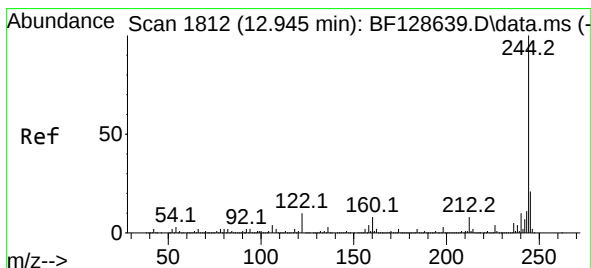
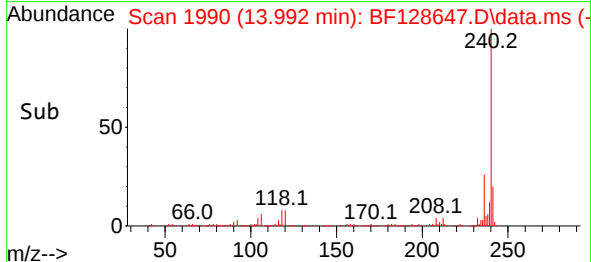
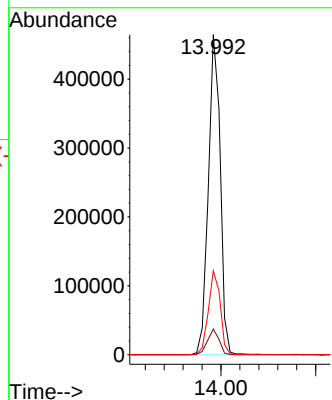
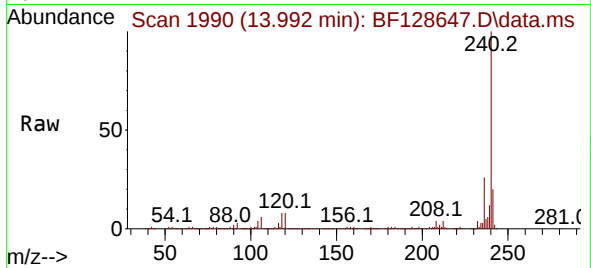




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128647.D
Acq: 02 Jun 2022 19:38

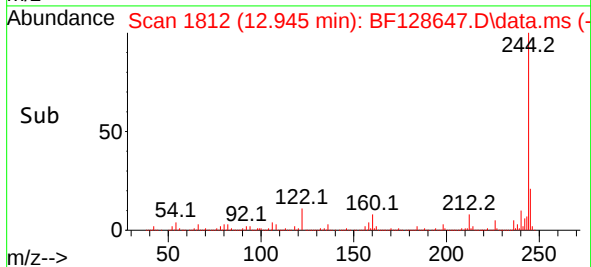
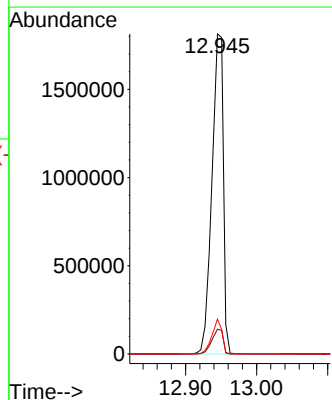
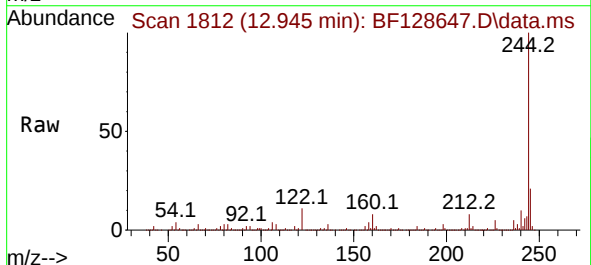
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BNA_F
ClientSampleId :
PB145260BL

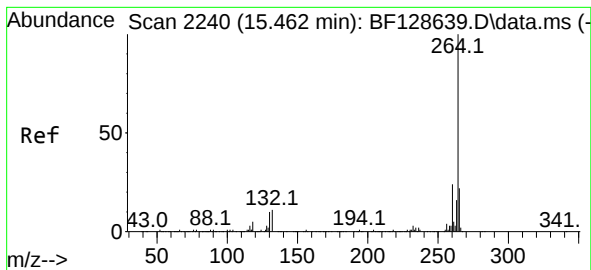
Tgt Ion:240 Resp: 404010
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 26.2 20.8 31.2



#79
Terphenyl-d14
Concen: 87.071 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF128647.D
Acq: 02 Jun 2022 19:38

Tgt Ion:244 Resp: 2024445
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 10.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BF128647.D
 Acq: 02 Jun 2022 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB145260BL

Tgt Ion:264 Resp: 320407
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.9 17.2 25.8

