

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128947.D
 Acq On : 23 Jun 2022 11:12
 Operator : CG\JU
 Sample : PB145651BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145651BL

Quant Time: Jun 23 14:31:57 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 23 14:30:33 2022
 Response via : Initial Calibration

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

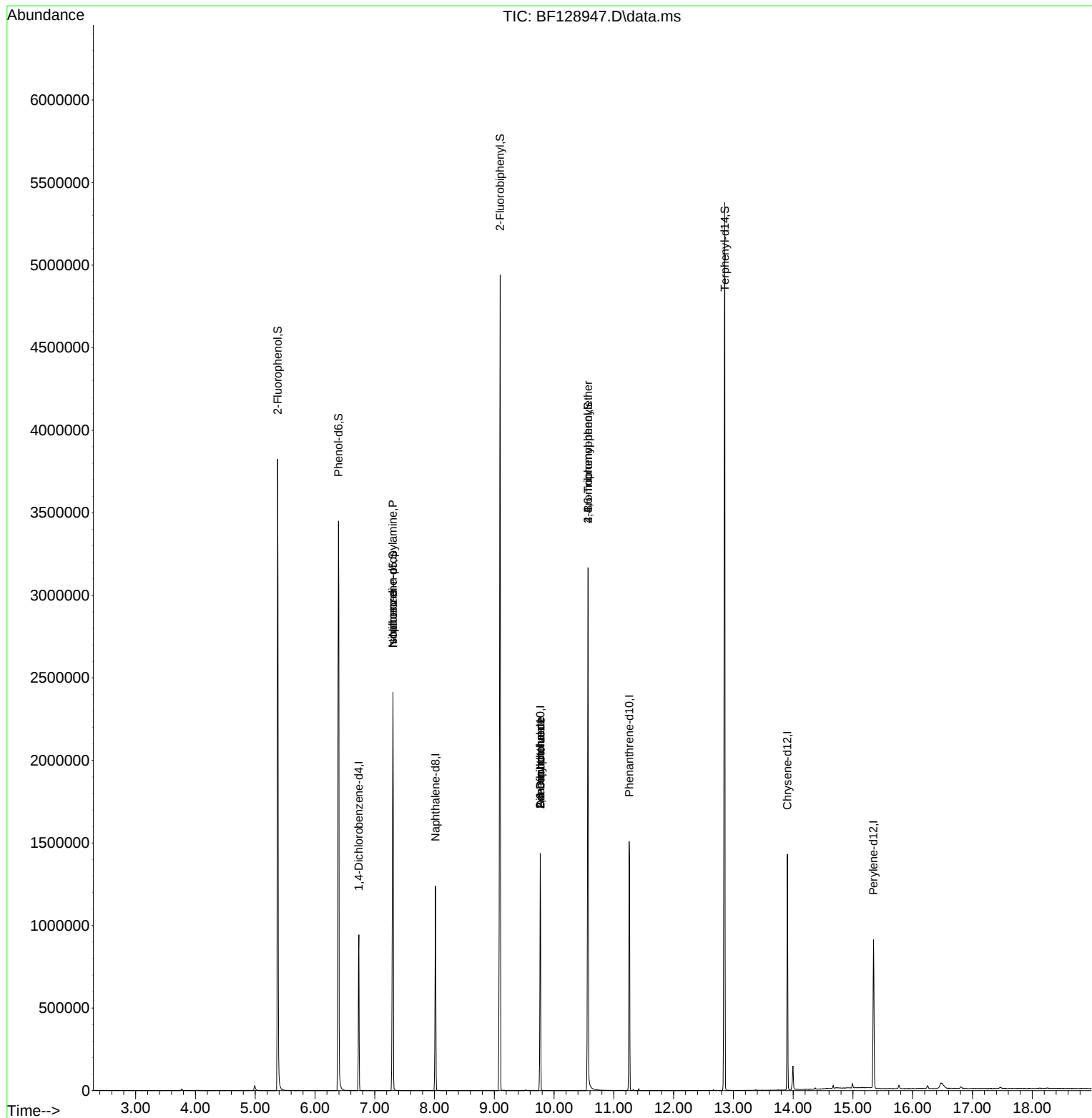
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	127491	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	507201	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	295718	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	568824	20.000	ng	0.00
76) Chrysene-d12	13.904	240	472285	20.000	ng	# 0.00
86) Perylene-d12	15.345	264	384155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	947949	118.434	ng	0.01
7) Phenol-d6	6.392	99	1225221	125.402	ng	0.00
23) Nitrobenzene-d5	7.304	82	890062	81.703	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	378644	108.368	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1637502	77.568	ng	0.00
79) Terphenyl-d14	12.857	244	2035024	74.873	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	125406	20.644	ng	# 79
25) Isophorone	7.304	82	887369	53.633	ng	# 65
50) Dimethylphthalate	9.769	163	51568	2.548	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	38305	9.588	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	38305	7.185	ng	# 21
67) 4-Bromophenyl-phenylether	10.569	248	24666	3.888	ng	# 1

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

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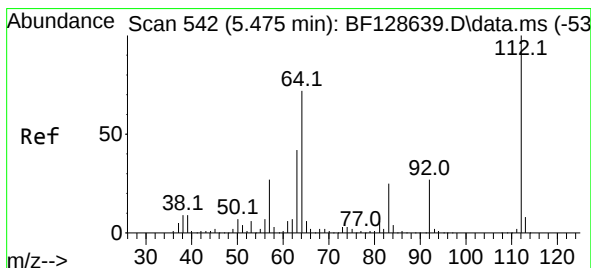
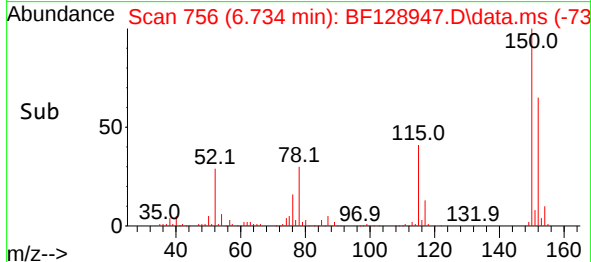
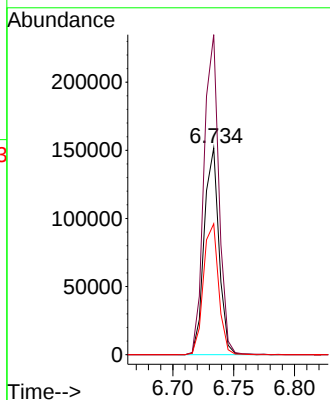
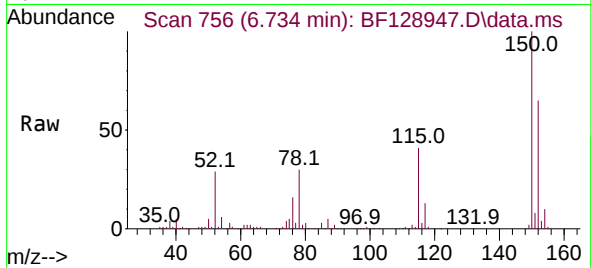




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

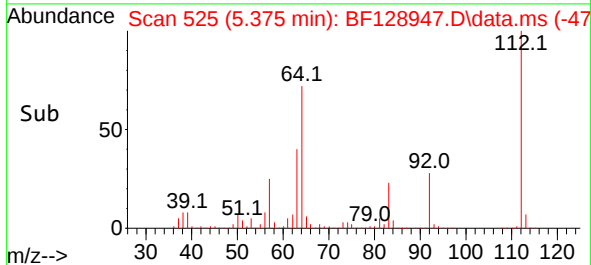
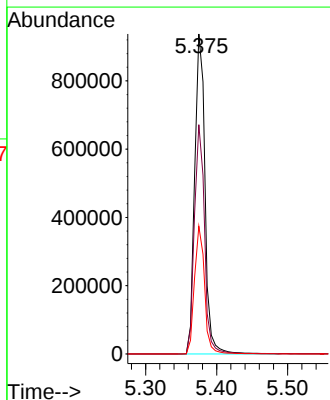
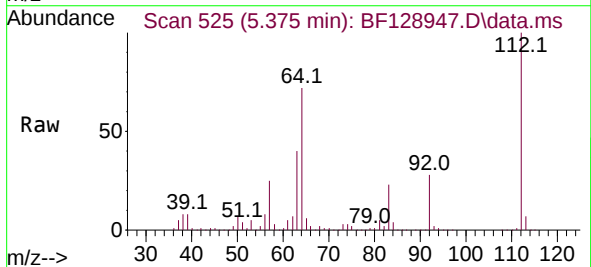
Instrument :
BNA_F
ClientSampleId :
PB145651BL

Tgt Ion:152 Resp: 127491
Ion Ratio Lower Upper
152 100
150 154.8 123.7 185.5
115 63.3 49.9 74.9



#5
2-Fluorophenol
Concen: 118.434 ng
RT: 5.375 min Scan# 525
Delta R.T. 0.012 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

Tgt Ion:112 Resp: 947949
Ion Ratio Lower Upper
112 100
64 71.6 53.3 79.9
63 39.9 28.0 42.0

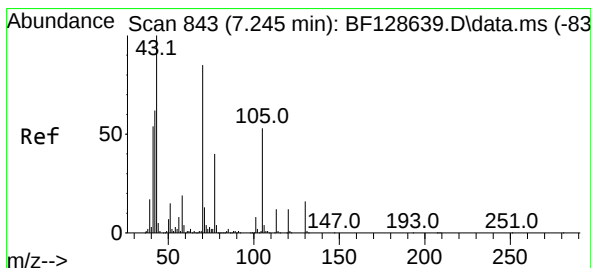
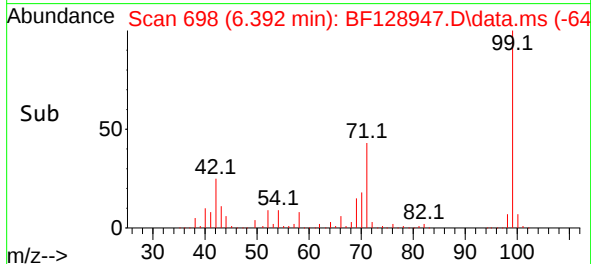
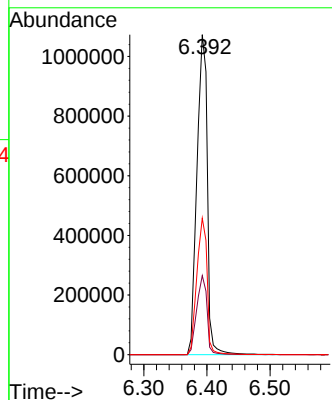
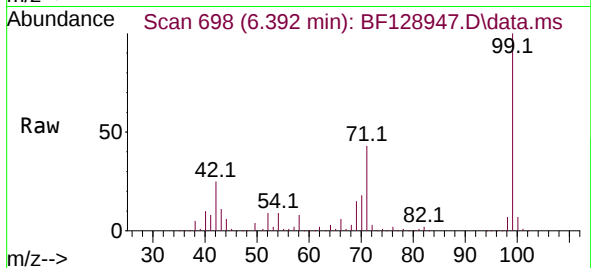




#7
Phenol-d6
Concen: 125.402 ng
RT: 6.392 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

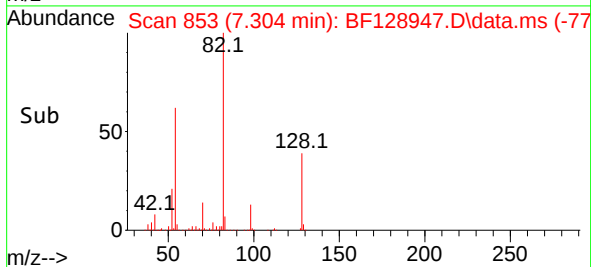
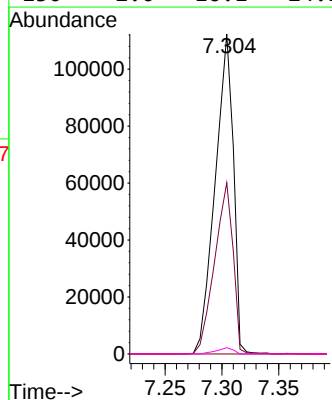
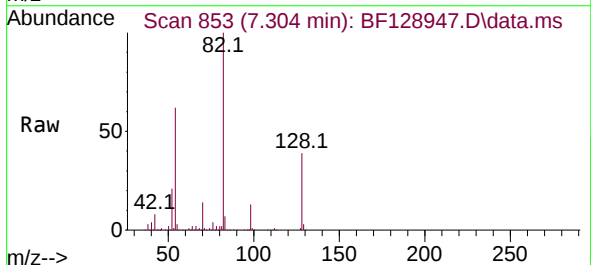
Instrument :
BNA_F
ClientSampleId :
PB145651BL

Tgt Ion: 99 Resp: 1225221
Ion Ratio Lower Upper
99 100
42 24.7 17.3 25.9
71 42.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.644 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.147 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

Tgt Ion: 70 Resp: 125406
Ion Ratio Lower Upper
70 100
42 53.5 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

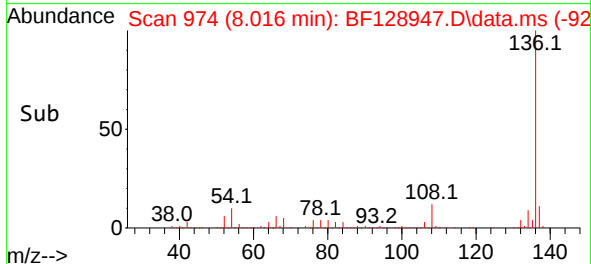
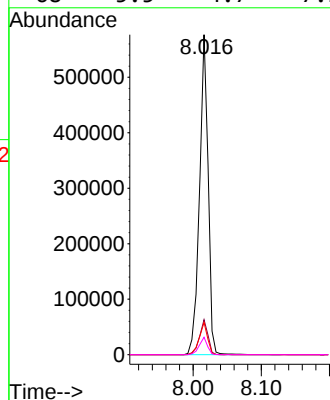
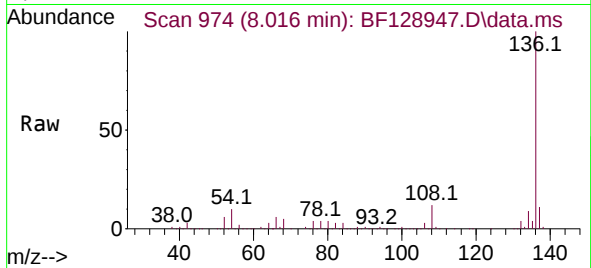




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

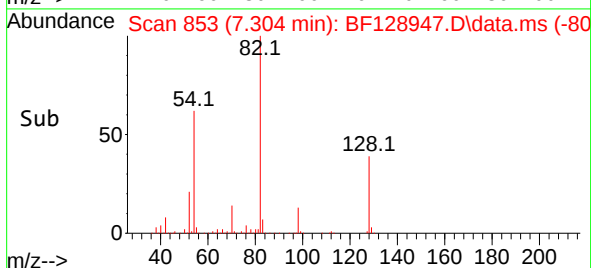
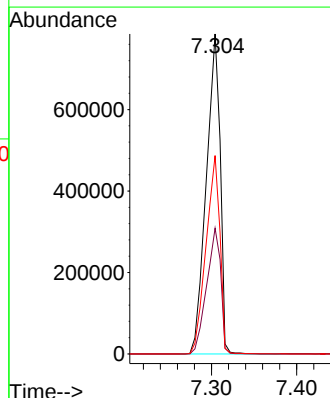
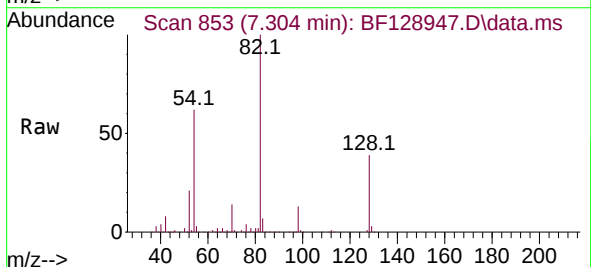
Instrument :
BNA_F
ClientSampleId :
PB145651BL

Tgt Ion:136 Resp: 507201
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.1 7.5 11.3
68 5.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 81.703 ng
RT: 7.304 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

Tgt Ion: 82 Resp: 890062
Ion Ratio Lower Upper
82 100
128 39.3 34.0 51.0
54 62.0 46.9 70.3

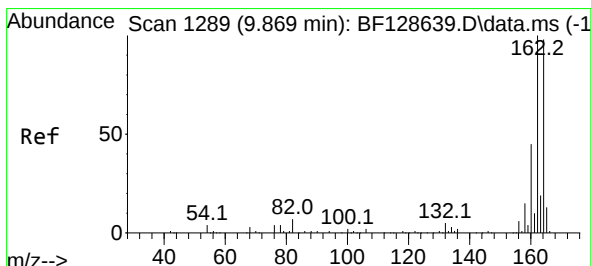
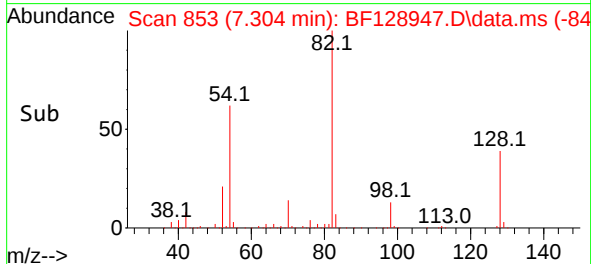
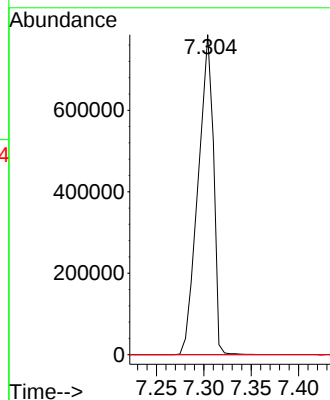
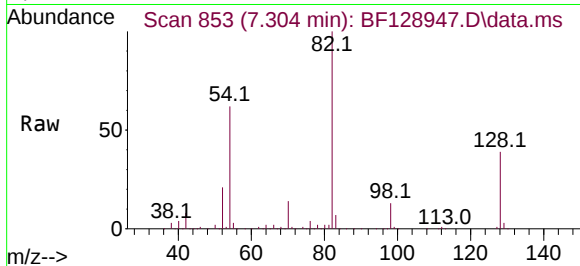




#25
Isophorone
Concen: 53.633 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

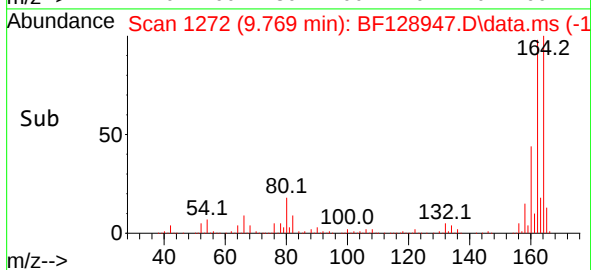
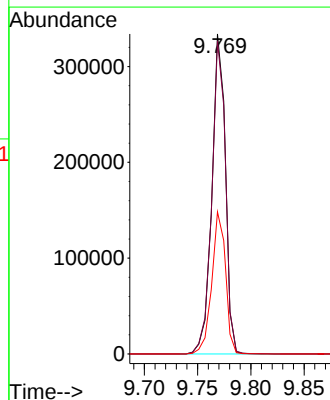
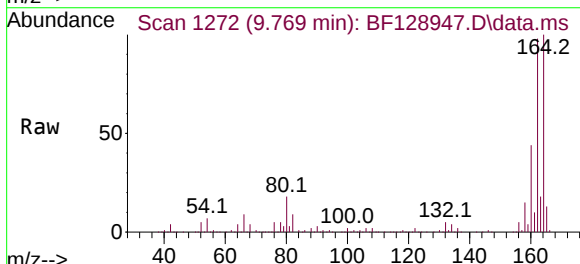
Instrument :
BNA_F
ClientSampleId :
PB145651BL

Tgt Ion: 82 Resp: 887369
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: 9.769 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

Tgt Ion:164 Resp: 295718
Ion Ratio Lower Upper
164 100
162 97.9 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 108.368 ng

RT: 10.569 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF128947.D

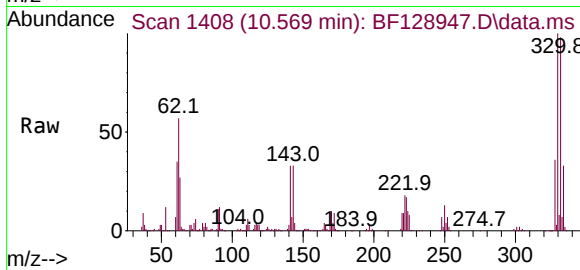
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Instrument :

BNA_F

ClientSampleId :

PB145651BL



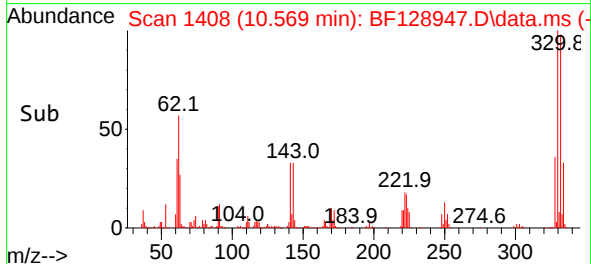
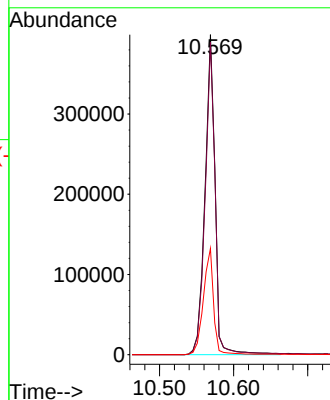
Tgt Ion:330 Resp: 378644

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

141 33.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.568 ng

RT: 9.098 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF128947.D

Acq: 23 Jun 2022 11:12

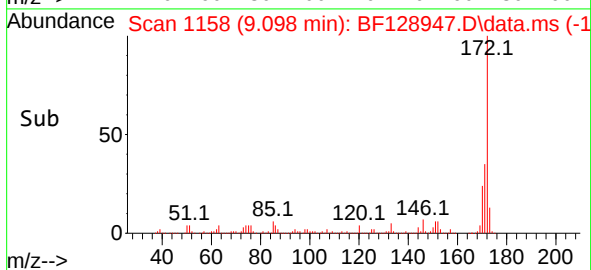
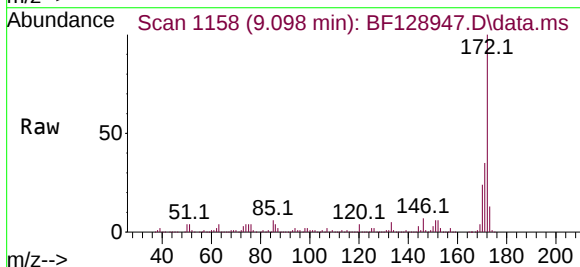
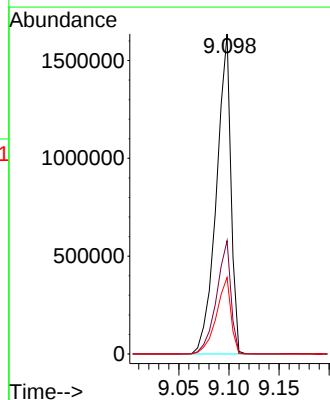
Tgt Ion:172 Resp: 1637502

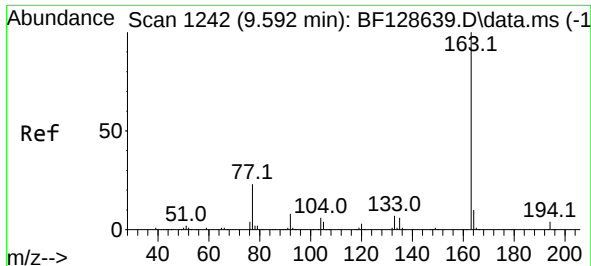
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.9 19.8 29.8

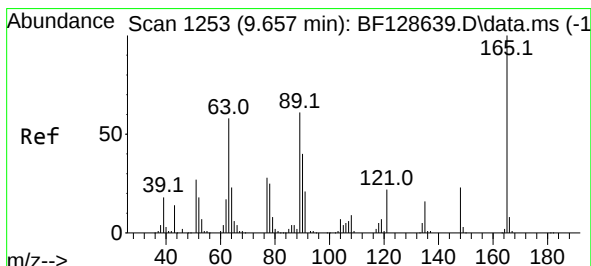
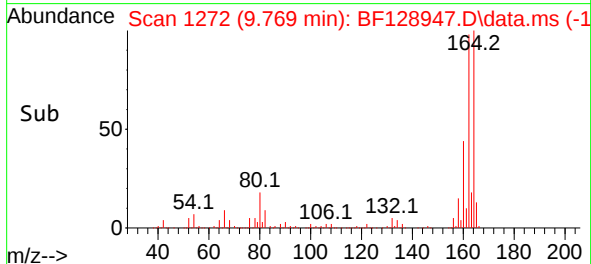
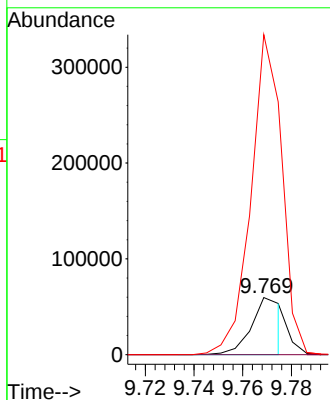
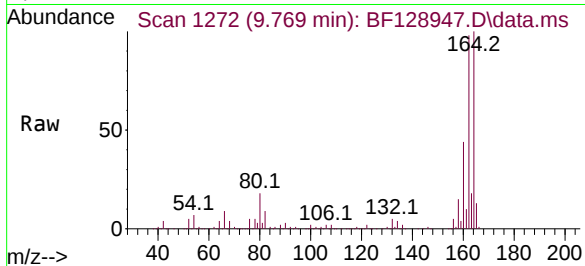




#50
Dimethylphthalate
Concen: 2.548 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

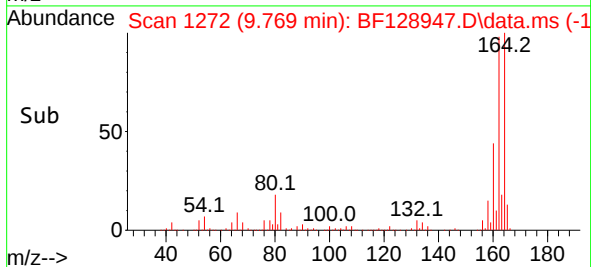
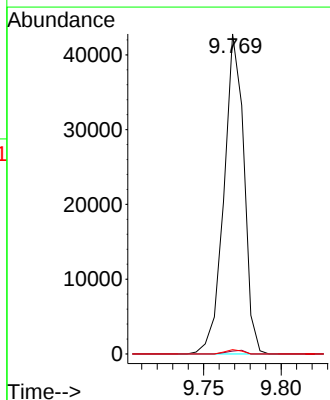
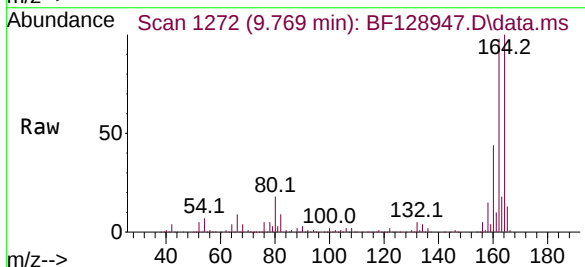
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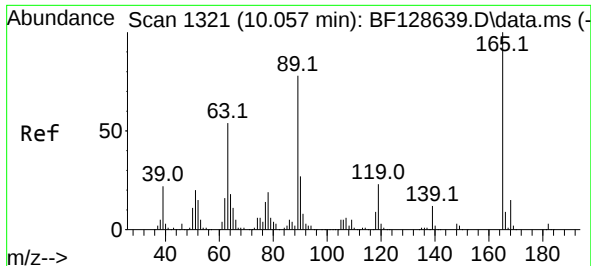
Tgt Ion:163 Resp: 51568
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 560.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.588 ng
RT: 9.769 min Scan# 1272
Delta R.T. 0.200 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

Tgt Ion:165 Resp: 38305
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.3 43.6 65.4#

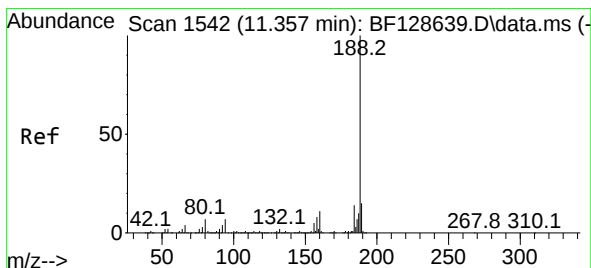
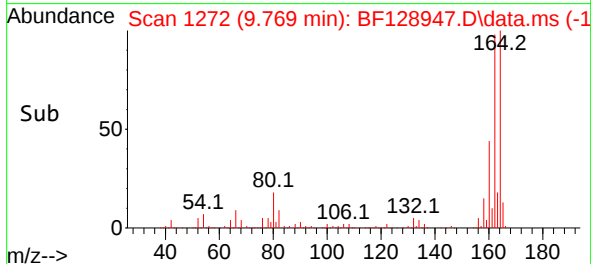
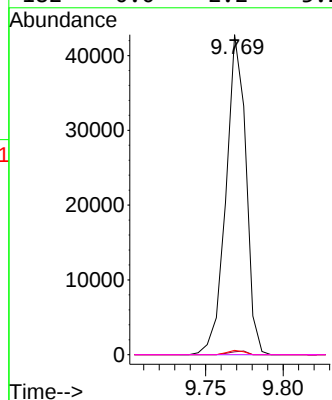
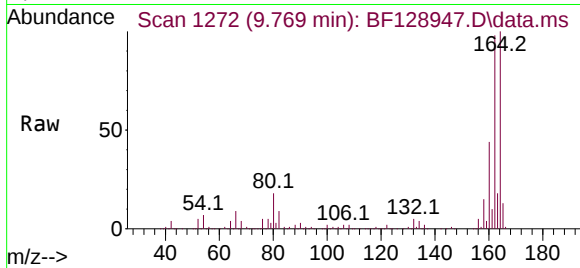




#57
2,4-Dinitrotoluene
Concen: 7.185 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

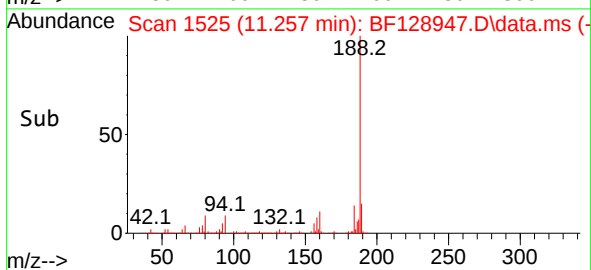
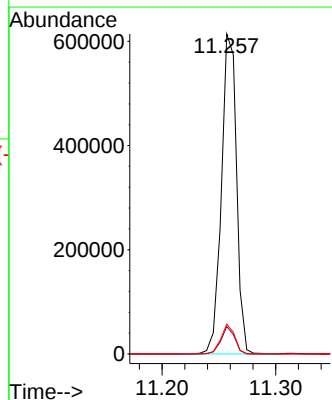
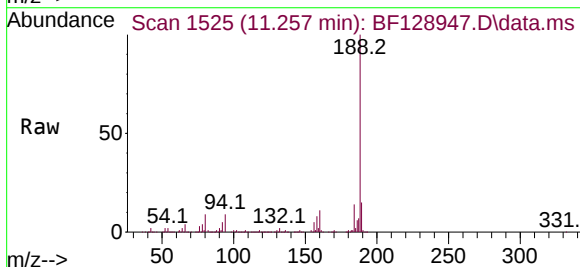
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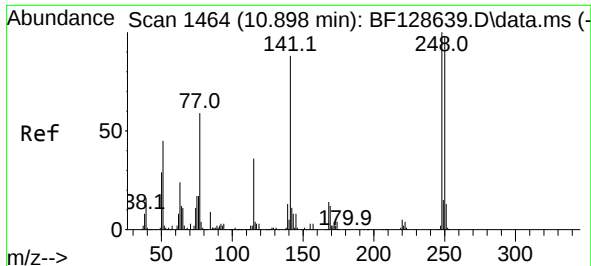
Tgt Ion:165 Resp: 38305
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

Tgt Ion:188 Resp: 568824
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.3 7.6 11.4

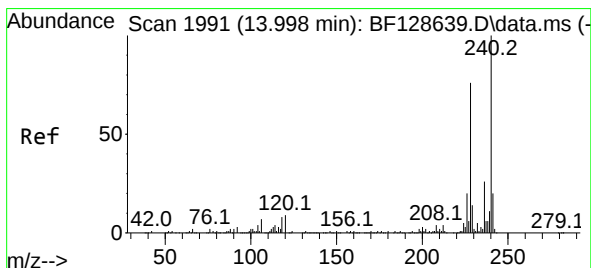
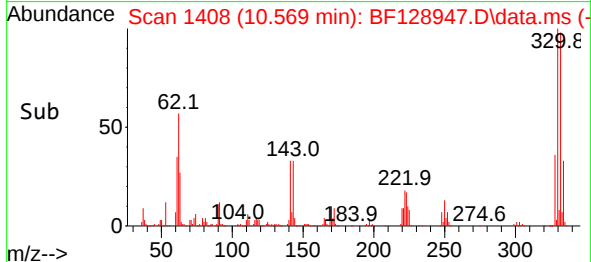
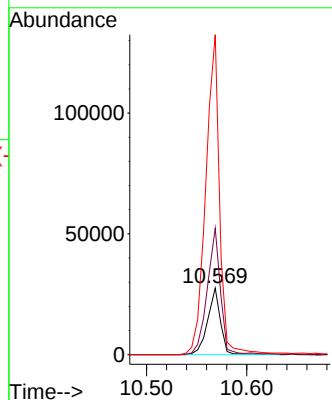
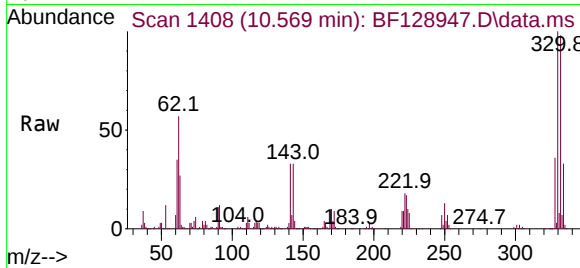




#67
4-Bromophenyl-phenylether
Concen: 3.888 ng
RT: 10.569 min Scan# 1464
Delta R.T. -0.235 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

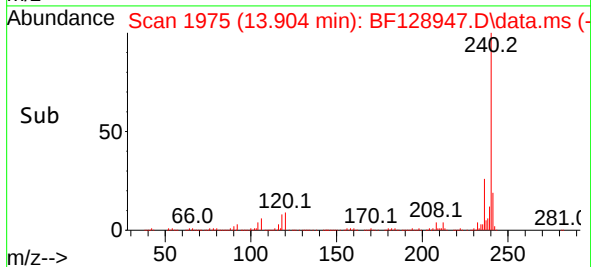
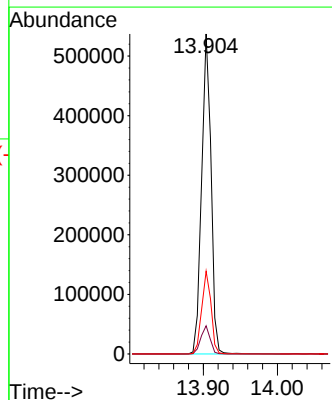
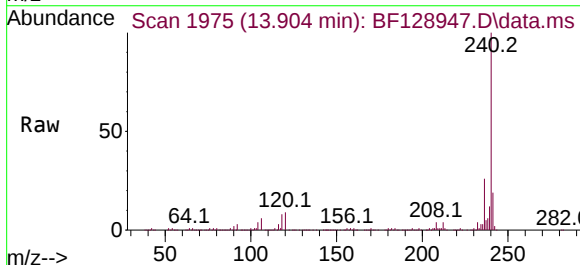
Instrument :
BNA_F
ClientSampleId :
PB145651BL

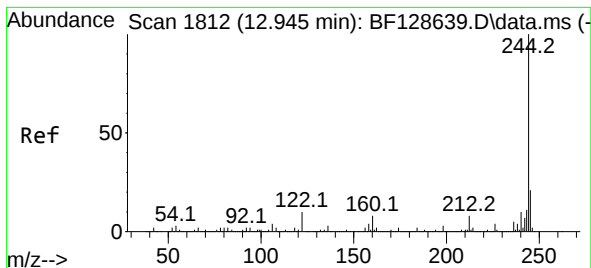
Tgt Ion:248 Resp: 24666
Ion Ratio Lower Upper
248 100
250 190.1 80.6 120.8#
141 480.6 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.904 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BF128947.D
Acq: 23 Jun 2022 11:12

Tgt Ion:240 Resp: 472285
Ion Ratio Lower Upper
240 100
120 8.8 8.9 13.3#
236 25.8 20.8 31.2





#79

Terphenyl-d14

Concen: 74.873 ng

RT: 12.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF128947.D

Acq: 23 Jun 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB145651BL

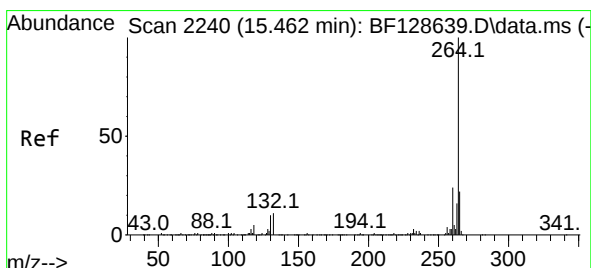
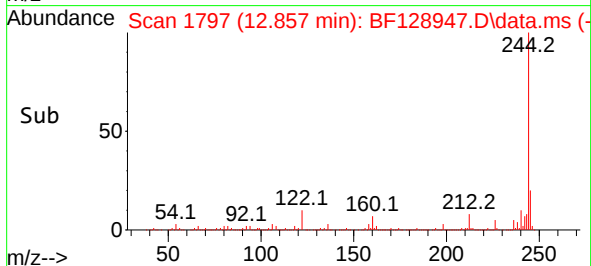
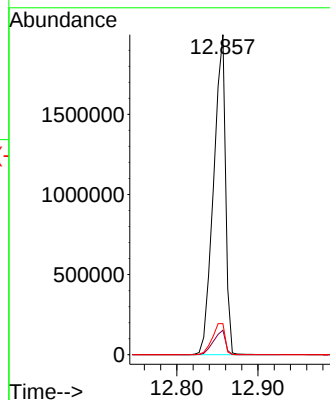
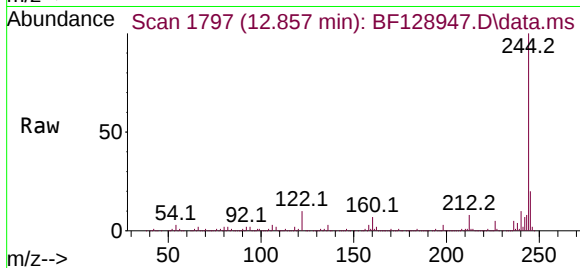
Tgt Ion:244 Resp: 2035024

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 9.7 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.345 min Scan# 2220

Delta R.T. 0.000 min

Lab File: BF128947.D

Acq: 23 Jun 2022 11:12

Tgt Ion:264 Resp: 384155

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 21.4 17.2 25.8

