

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127621.D
 Acq On : 01 Apr 2022 19:32
 Operator : CG\JU
 Sample : N2219-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Apr 01 23:49:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

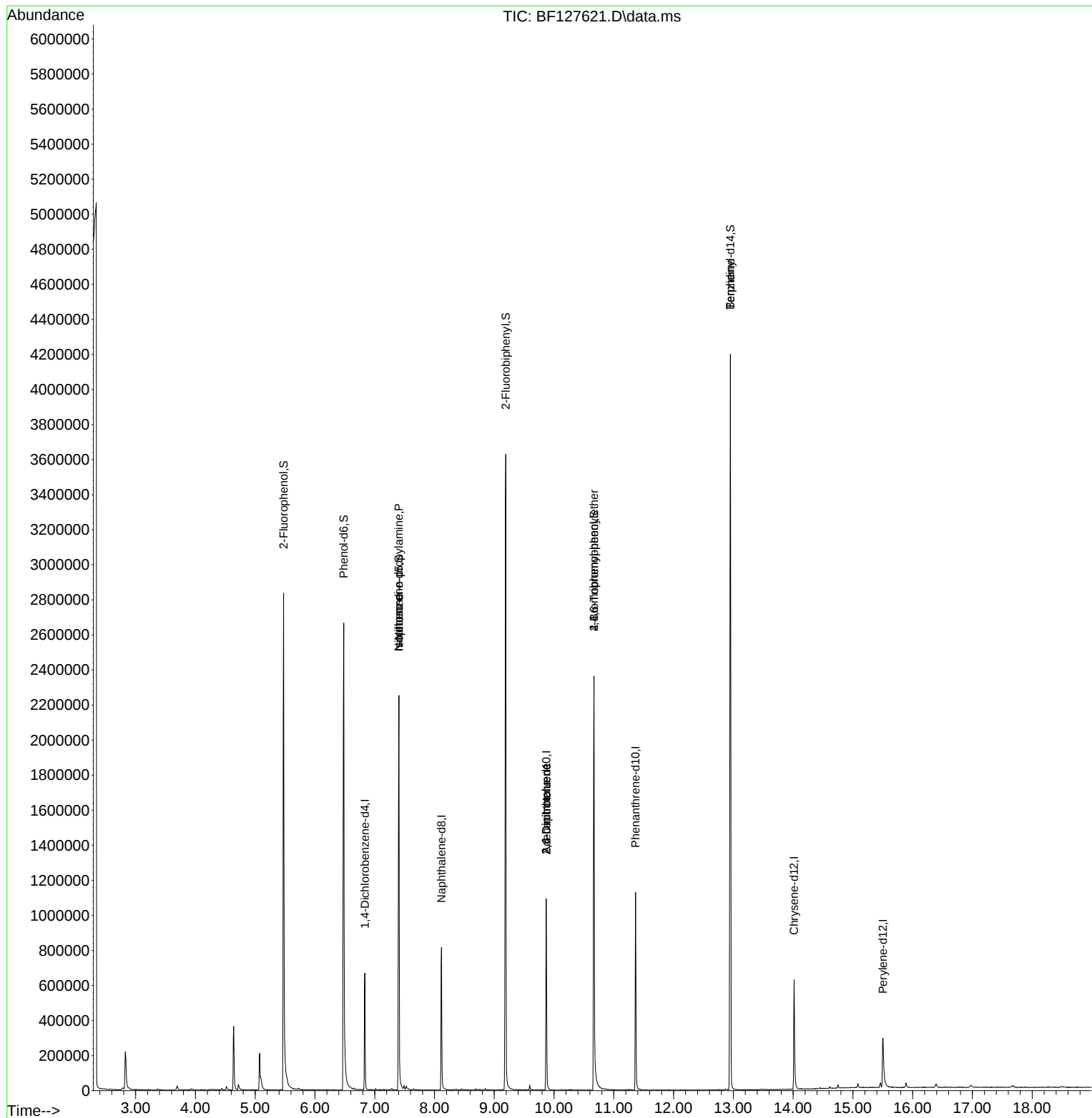
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	95967	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	363751	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	216801	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	397676	20.000	ng	0.00
76) Chrysene-d12	14.016	240	252763	20.000	ng	0.00
86) Perylene-d12	15.504	264	186343	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	780915	129.890	ng	0.02
7) Phenol-d6	6.481	99	1021571	124.307	ng	0.00
23) Nitrobenzene-d5	7.404	82	766196	90.039	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	313778	135.865	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1267981	85.403	ng	0.00
79) Terphenyl-d14	12.951	244	1585866	102.709	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1526	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	101974	20.701	ng	# 77
25) Isophorone	7.404	82	766191	56.531	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	27433	8.665	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	27433	6.732	ng	# 14
58) Fluorene	10.669	166	12035	Below Cal	#	90
67) 4-Bromophenyl-phenylether	10.669	248	21113	4.547	ng	# 1
77) Benzidine	12.951	184	18971	3.148	ng	# 93

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

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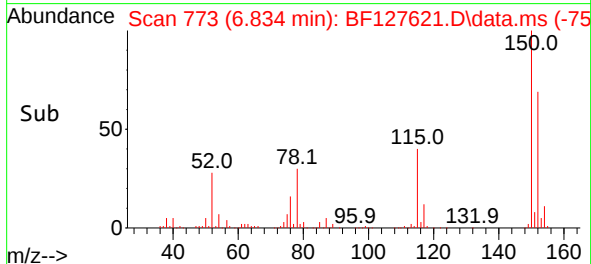
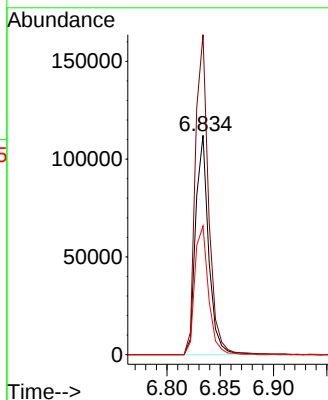
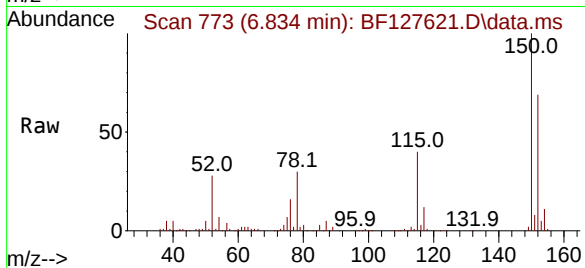




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

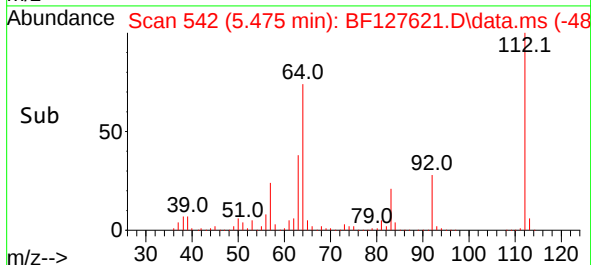
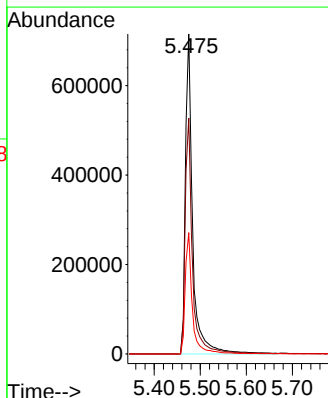
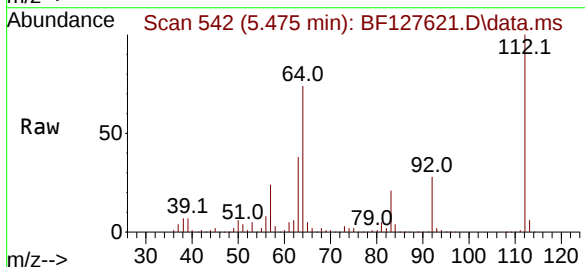
Instrument :
BNA_F
ClientSampleId :
TP-3

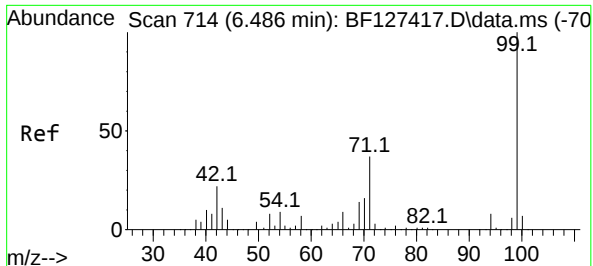
Tgt Ion:152 Resp: 95967
Ion Ratio Lower Upper
152 100
150 145.9 117.2 175.8
115 58.8 49.8 74.6



#5
2-Fluorophenol
Concen: 129.890 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.018 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

Tgt Ion:112 Resp: 780915
Ion Ratio Lower Upper
112 100
64 73.7 58.4 87.6
63 37.9 30.1 45.1

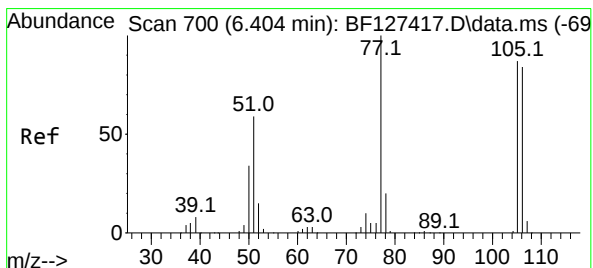
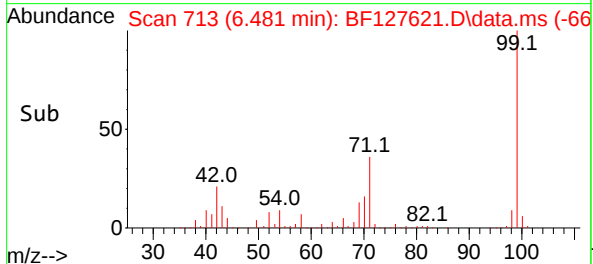
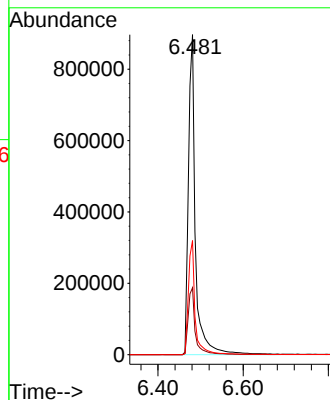
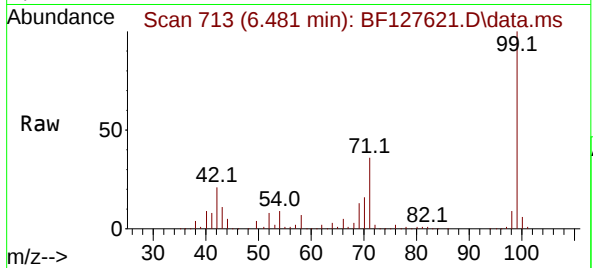




#7
Phenol-d6
Concen: 124.307 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

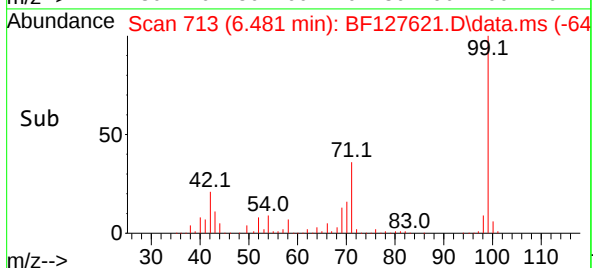
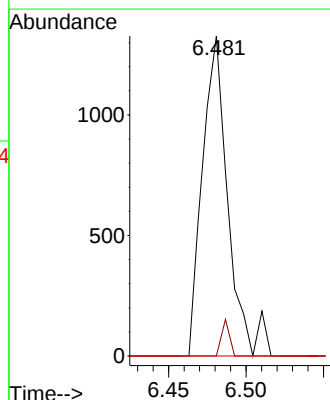
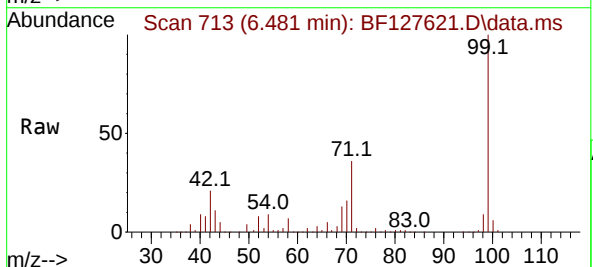
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 1021571
Ion Ratio Lower Upper
99 100
42 20.9 17.8 26.6
71 35.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.088 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

Tgt Ion: 77 Resp: 1526
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

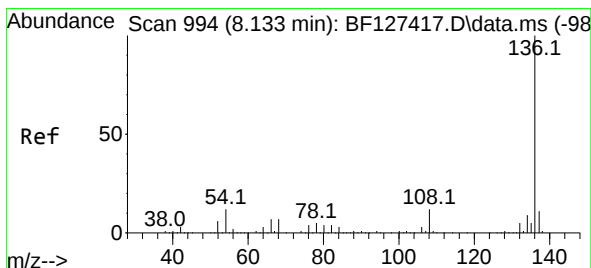
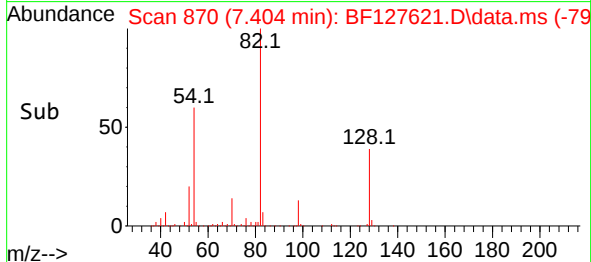
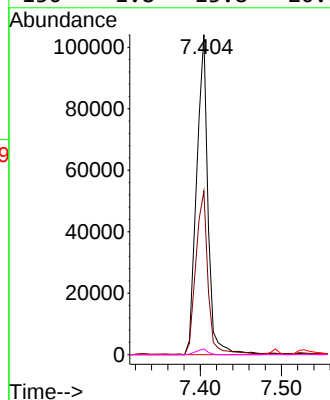
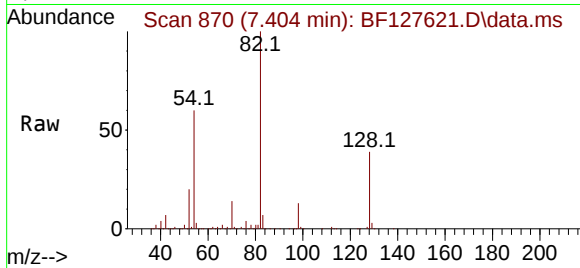




#19
n-Nitroso-di-n-propylamine
Concen: 20.701 ng
RT: 7.404 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

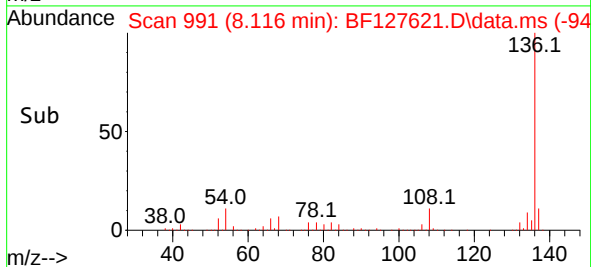
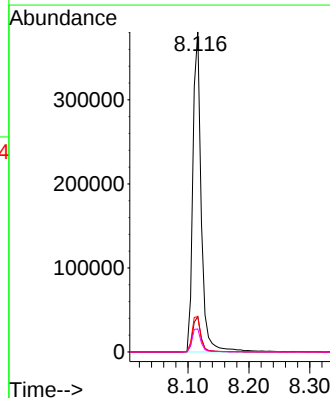
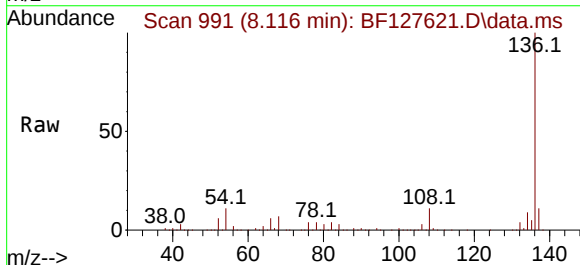
Instrument :
BNA_F
ClientSampleId :
TP-3

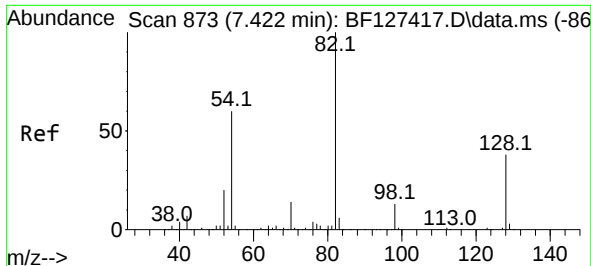
Tgt Ion: 70 Resp: 101974
Ion Ratio Lower Upper
70 100
42 51.1 53.0 79.6#
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

Tgt Ion:136 Resp: 363751
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 11.1 9.2 13.8
68 7.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 90.039 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127621.D

Acq: 01 Apr 2022 19:32

Instrument :

BNA_F

ClientSampleId :

TP-3

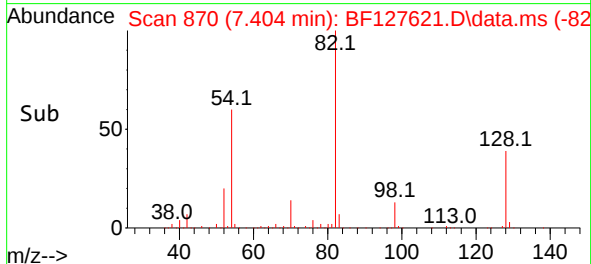
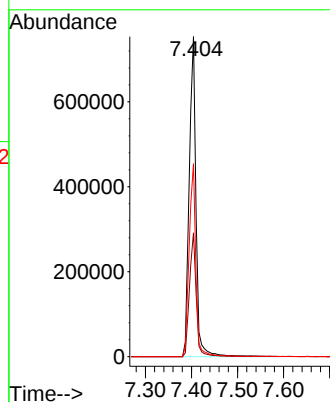
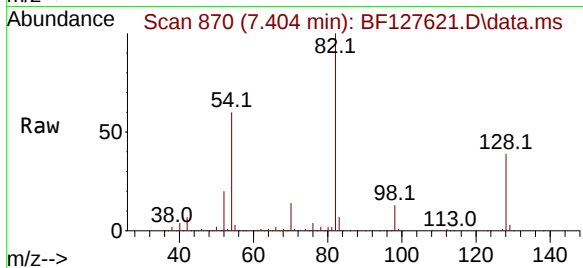
Tgt Ion: 82 Resp: 766196

Ion Ratio Lower Upper

82 100

128 38.7 30.6 45.8

54 60.3 48.2 72.2



#25

Isophorone

Concen: 56.531 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127621.D

Acq: 01 Apr 2022 19:32

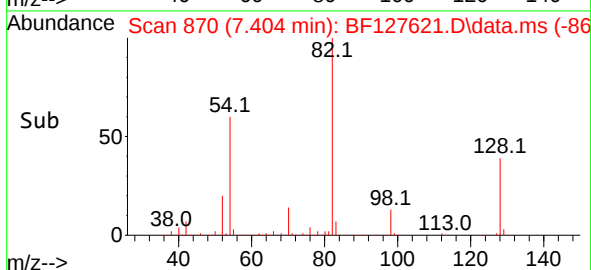
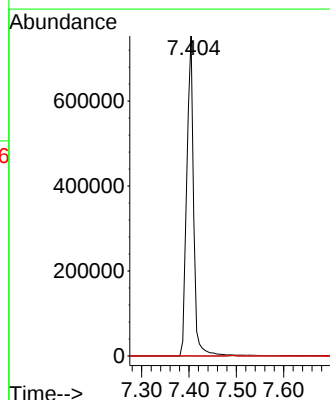
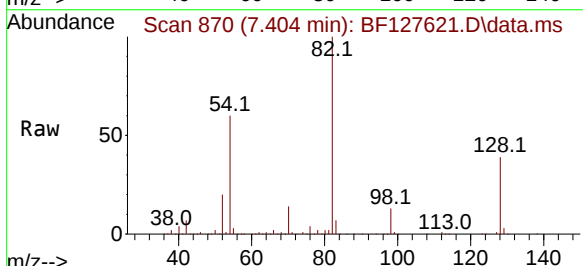
Tgt Ion: 82 Resp: 766191

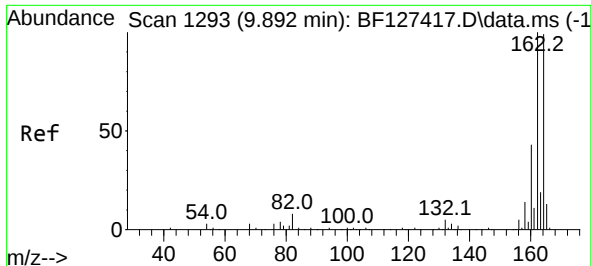
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

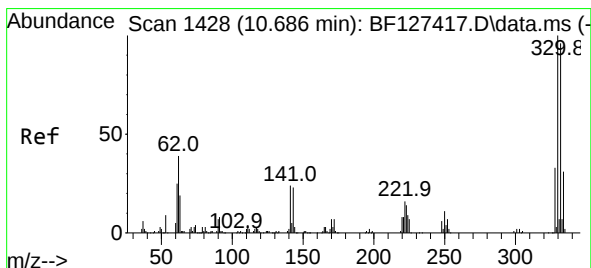
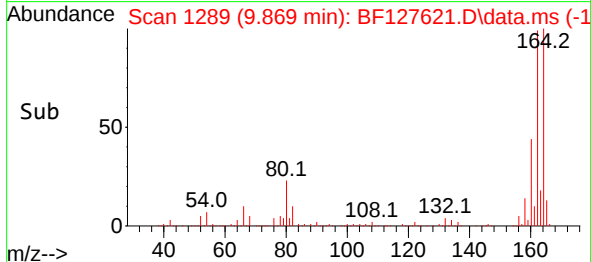
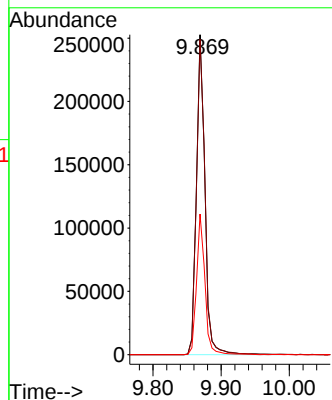
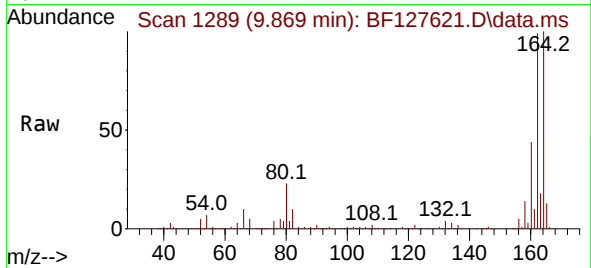




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

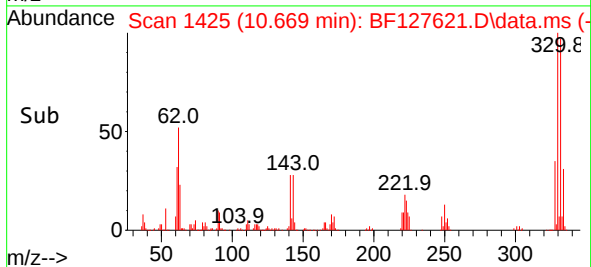
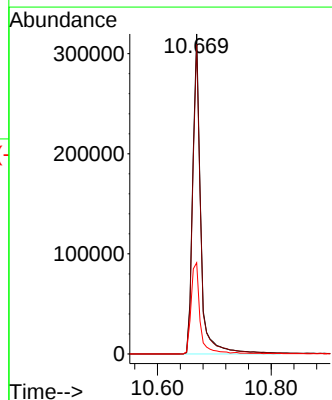
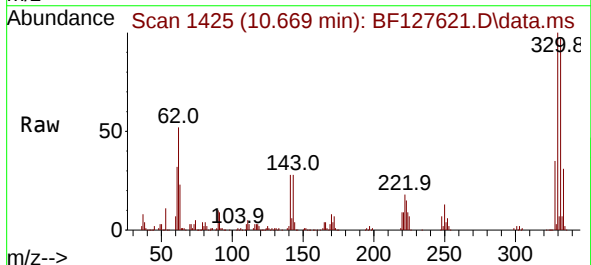
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:164 Resp: 216801
Ion Ratio Lower Upper
164 100
162 98.5 81.2 121.8
160 43.9 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 135.865 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

Tgt Ion:330 Resp: 313778
Ion Ratio Lower Upper
330 100
332 96.9 79.1 118.7
141 32.6 26.2 39.4

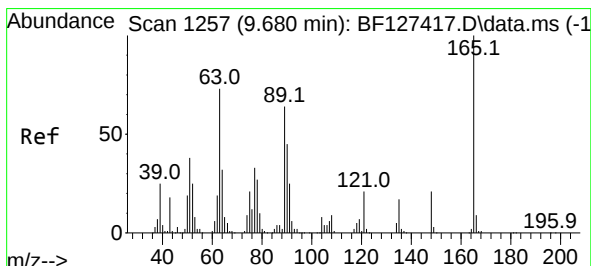
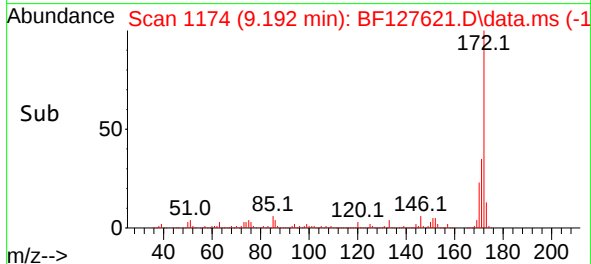
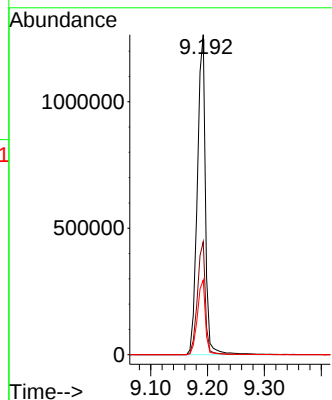
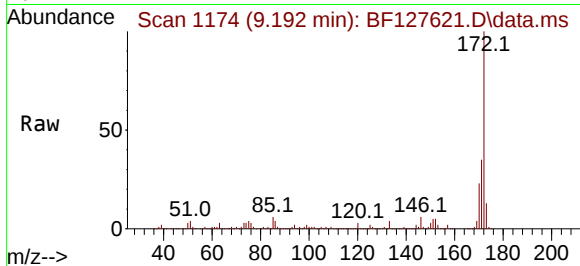




#45
2-Fluorobiphenyl
Concen: 85.403 ng
RT: 9.192 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

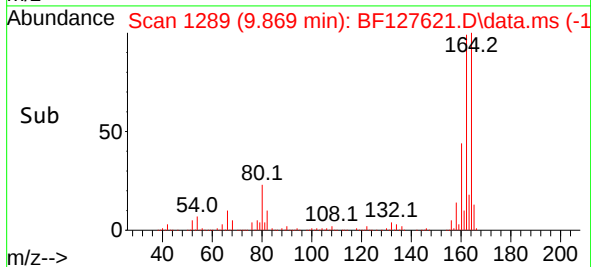
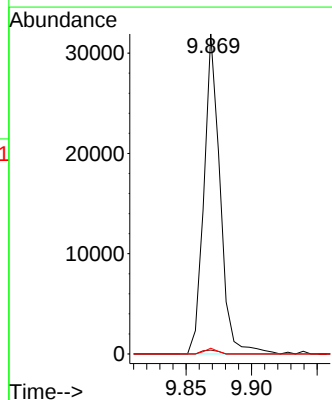
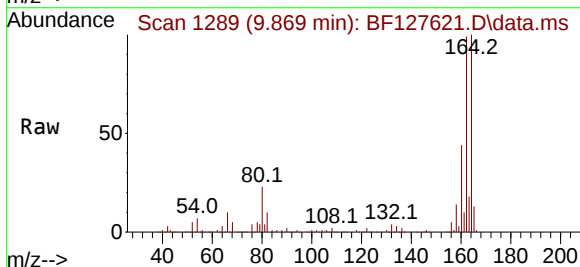
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:172 Resp: 1267981
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.665 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

Tgt Ion:165 Resp: 27433
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 1.8 51.5 77.3#

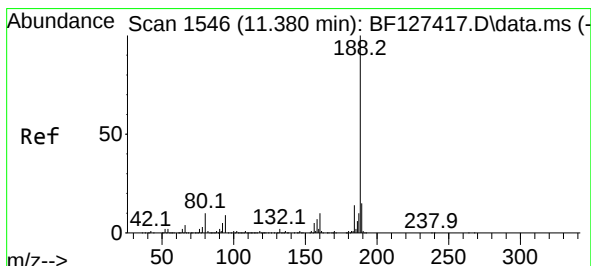
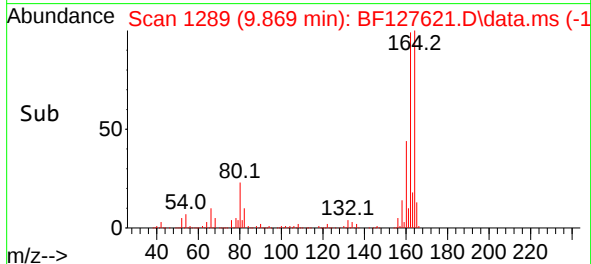
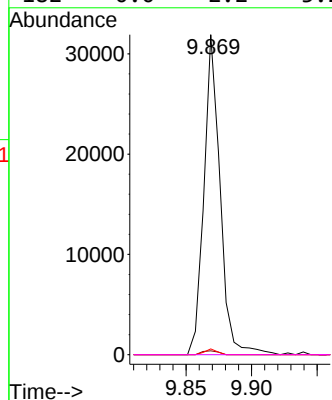
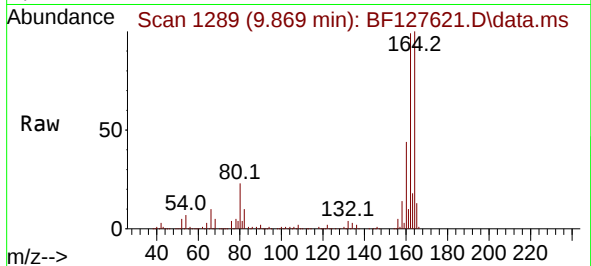




#57
2,4-Dinitrotoluene
Concen: 6.732 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

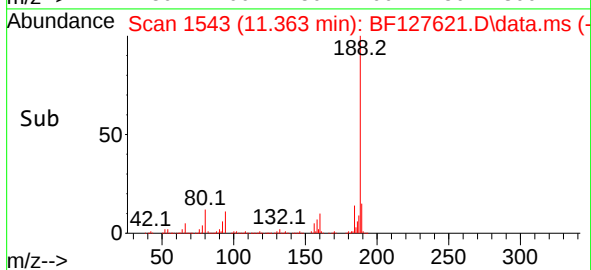
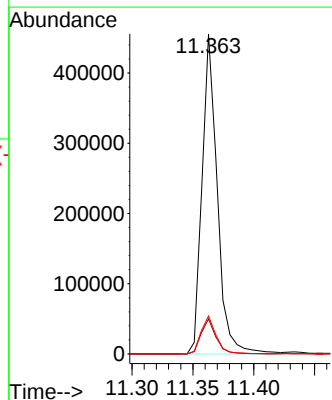
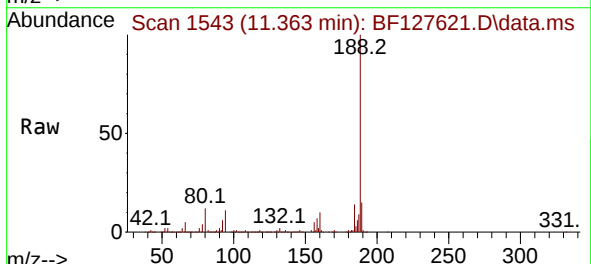
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ClientSampleId :
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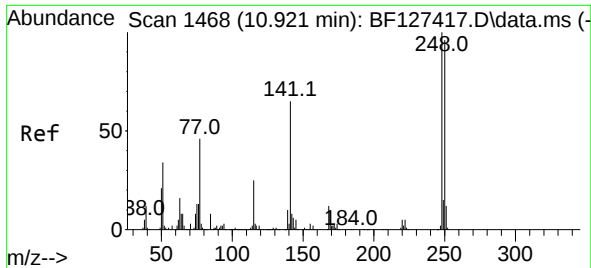
Tgt Ion:165 Resp: 27433
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.8 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

Tgt Ion:188 Resp: 397676
Ion Ratio Lower Upper
188 100
94 11.0 7.4 11.0
80 11.8 8.0 12.0

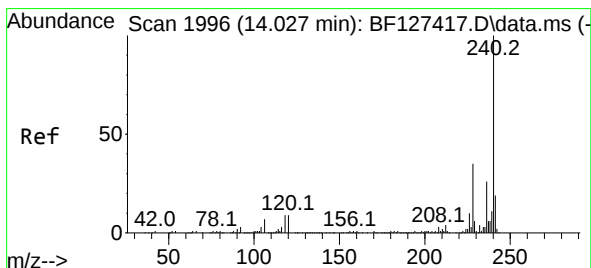
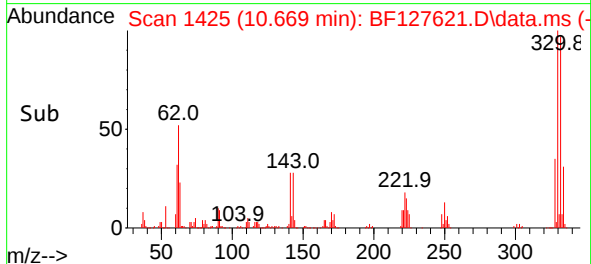
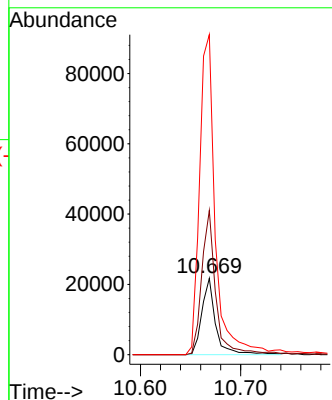
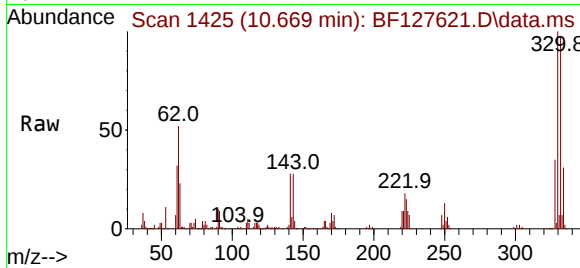




#67
4-Bromophenyl-phenylether
Concen: 4.547 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

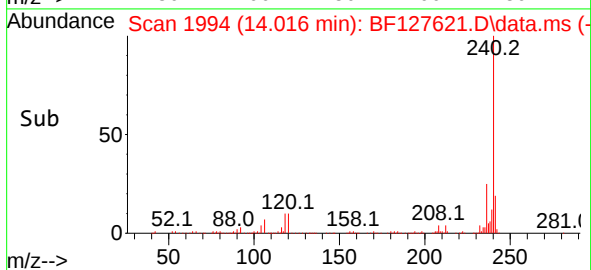
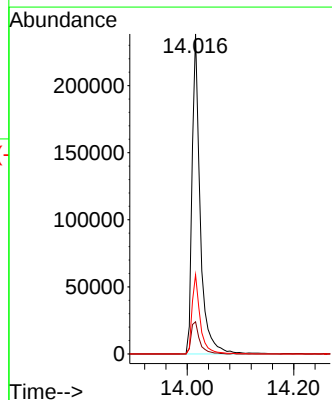
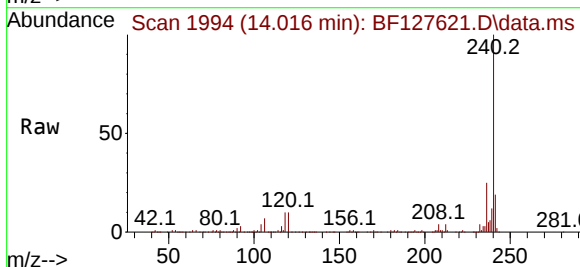
Instrument :
BNA_F
ClientSampleId :
TP-3

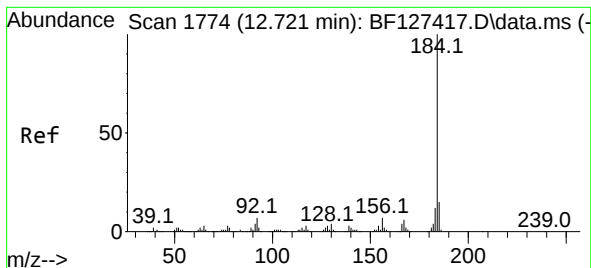
Tgt Ion:248 Resp: 21113
Ion Ratio Lower Upper
248 100
250 188.8 76.6 115.0#
141 419.0 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127621.D
Acq: 01 Apr 2022 19:32

Tgt Ion:240 Resp: 252763
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 24.8 20.7 31.1





#77

Benzidine

Concen: 3.148 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.241 min

Lab File: BF127621.D

Acq: 01 Apr 2022 19:32

Instrument :

BNA_F

ClientSampleId :

TP-3

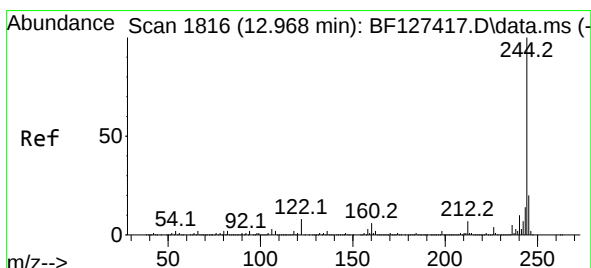
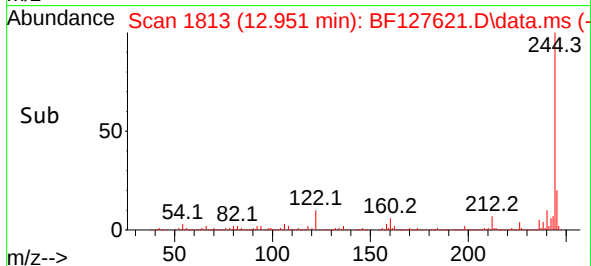
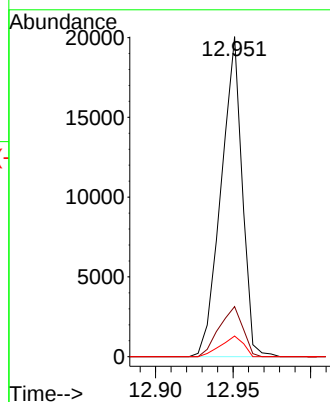
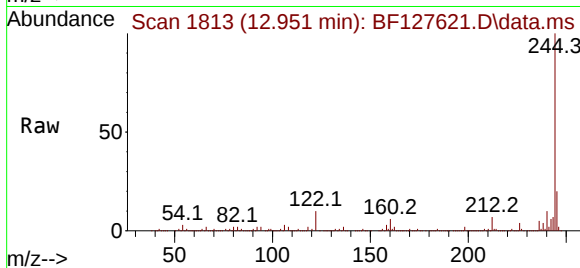
Tgt Ion:184 Resp: 18971

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

183 6.4 9.4 14.0#



#79

Terphenyl-d14

Concen: 102.709 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF127621.D

Acq: 01 Apr 2022 19:32

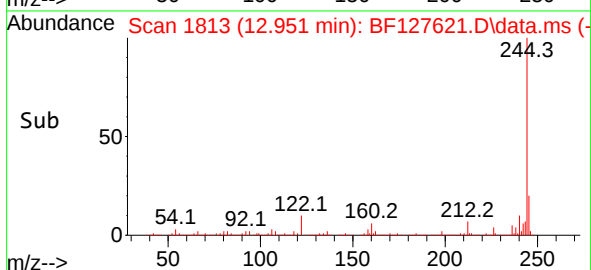
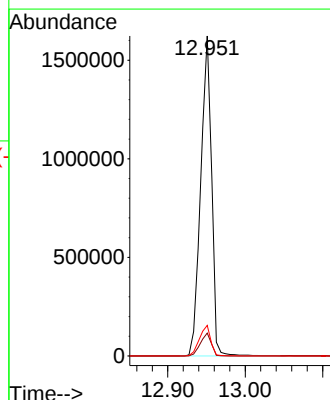
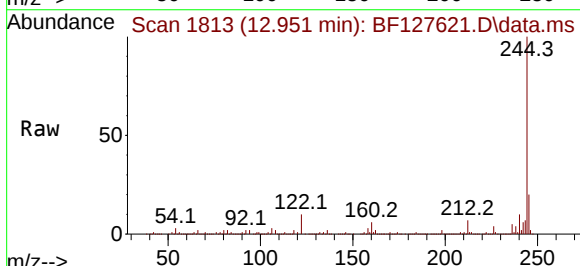
Tgt Ion:244 Resp: 1585866

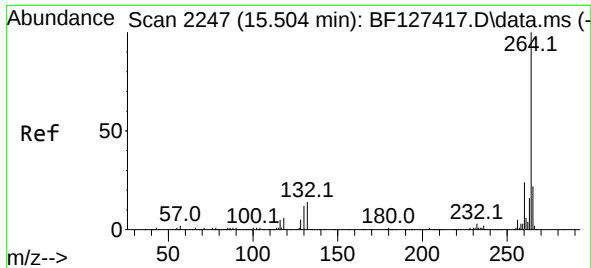
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

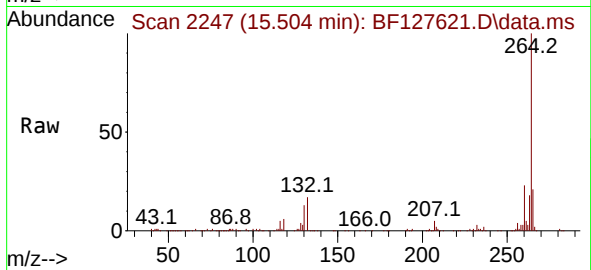
122 9.6 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF127621.D
 Acq: 01 Apr 2022 19:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-3



Tgt Ion:264 Resp: 186343
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 20.5 17.4 26.2

