

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128932.D
 Acq On : 22 Jun 2022 15:26
 Operator : CG\JU
 Sample : PB145645TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145645TB

Quant Time: Jun 23 01:29:18 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 22 01:02:29 2022
 Response via : Initial Calibration

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

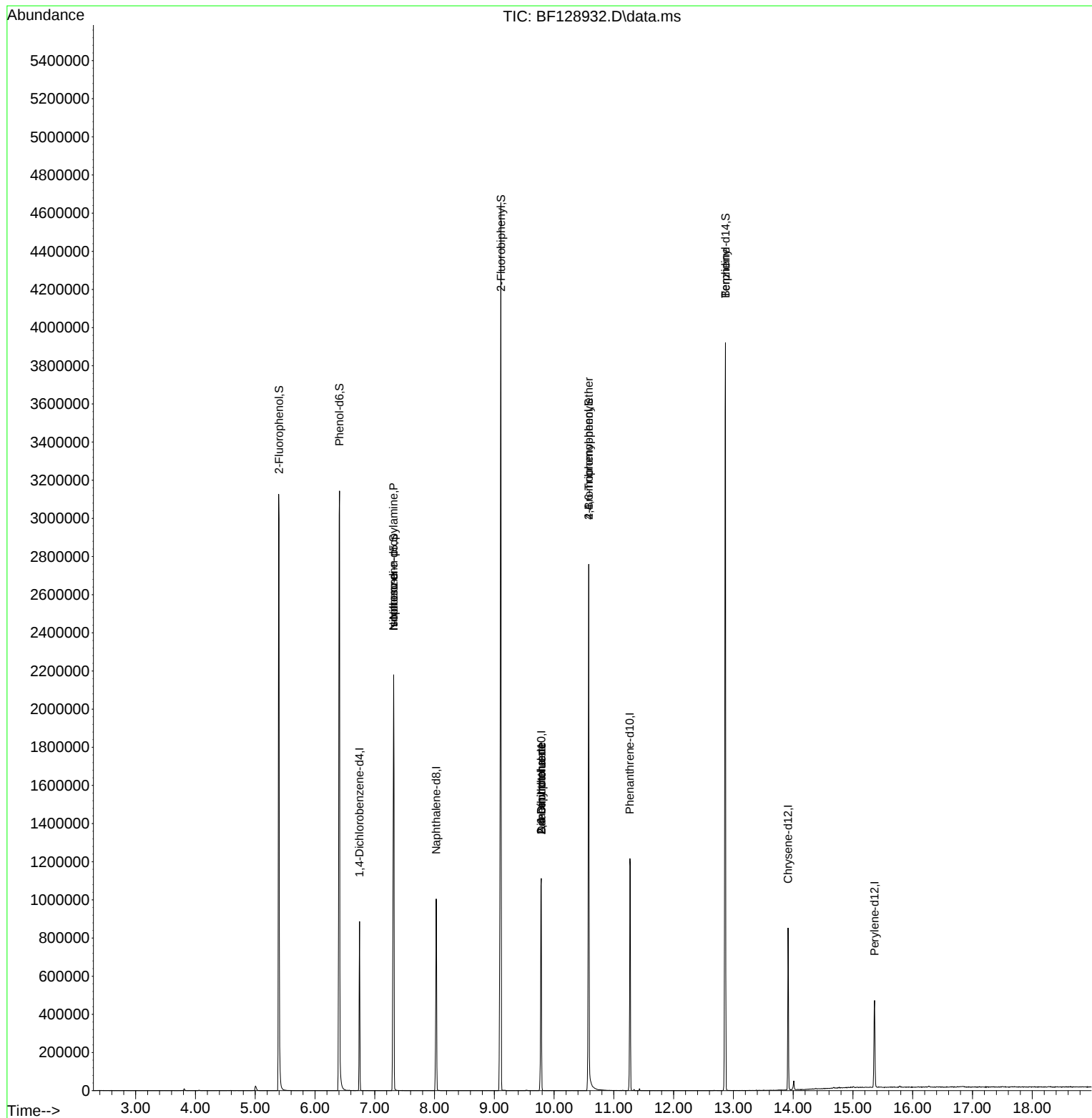
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	113799	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	440431	20.000	ng	-0.01
39) Acenaphthene-d10	9.786	164	253477	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	475307	20.000	ng	-0.01
76) Chrysene-d12	13.915	240	287341	20.000	ng	#-0.01
86) Perylene-d12	15.362	264	218379	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	848623	118.781	ng	0.01
7) Phenol-d6	6.410	99	1154583	132.391	ng	0.00
23) Nitrobenzene-d5	7.316	82	839301	88.724	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	344274	114.951	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1576142	87.103	ng	0.00
79) Terphenyl-d14	12.868	244	1527036	92.344	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	118227	21.804	ng	# 79
25) Isophorone	7.316	82	836218	58.203	ng	# 65
50) Dimethylphthalate	9.786	163	47584	2.743	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	32121	9.380	ng	# 26
57) 2,4-Dinitrotoluene	9.786	165	32121	7.029	ng	# 22
67) 4-Bromophenyl-phenylether	10.580	248	21979	4.147	ng	# 1
77) Benzidine	12.868	184	19500	3.404	ng	# 90

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

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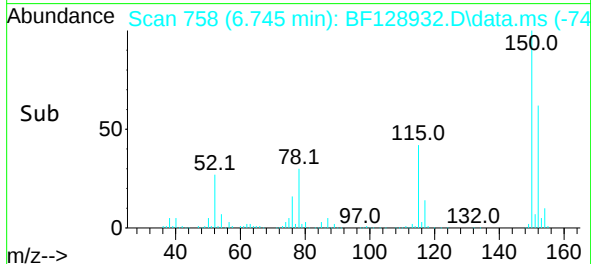
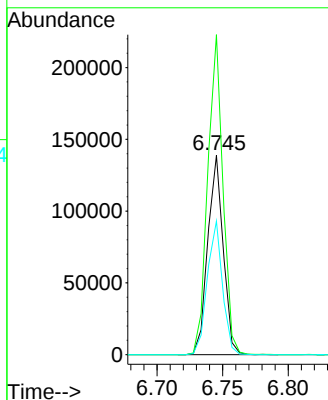
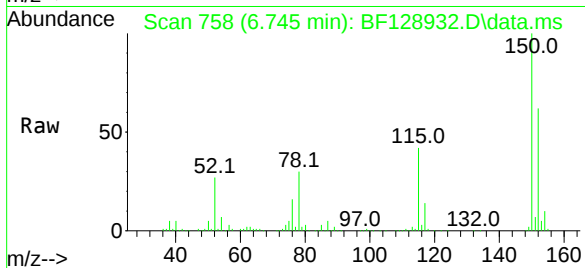




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

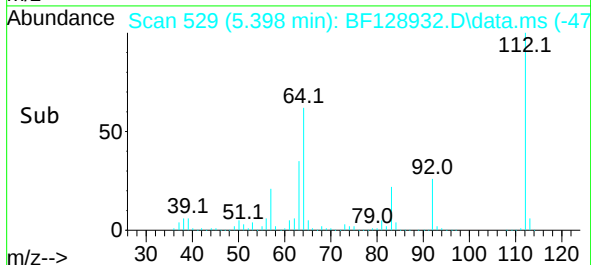
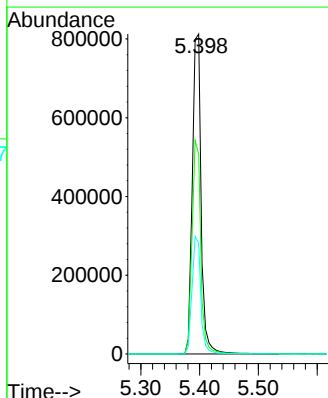
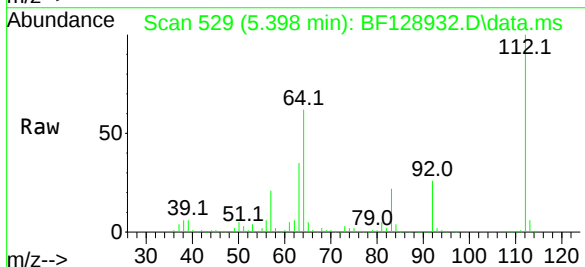
Instrument :
BNA_F
ClientSampleId :
PB145645TB

Tgt Ion:152 Resp: 113799
Ion Ratio Lower Upper
152 100
150 160.5 123.7 185.5
115 67.0 49.9 74.9



#5
2-Fluorophenol
Concen: 118.781 ng
RT: 5.398 min Scan# 529
Delta R.T. 0.012 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

Tgt Ion:112 Resp: 848623
Ion Ratio Lower Upper
112 100
64 62.4 53.3 79.9
63 34.6 28.0 42.0

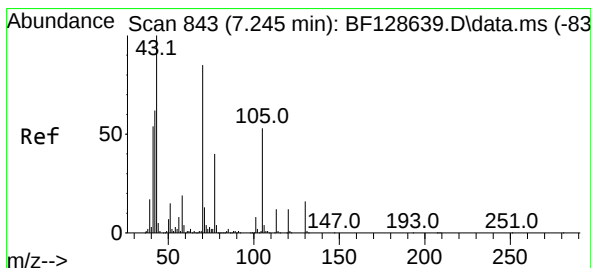
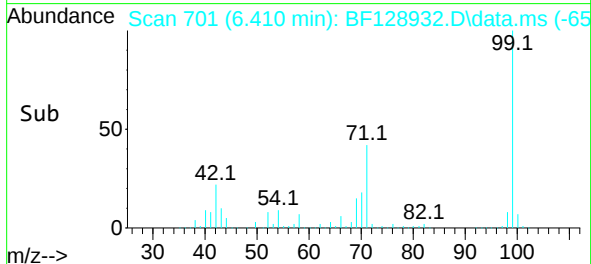
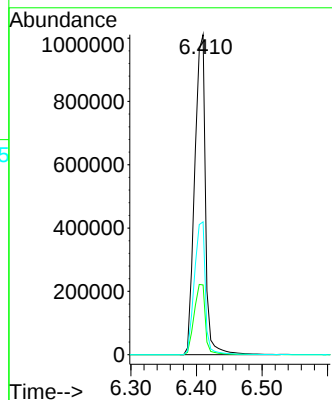
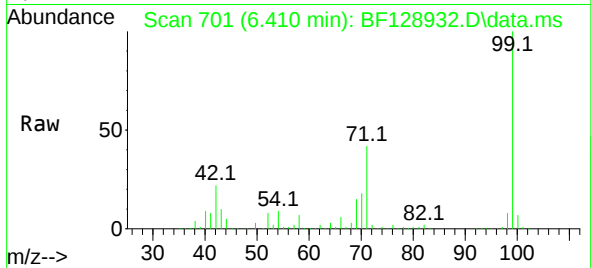




#7
Phenol-d6
Concen: 132.391 ng
RT: 6.410 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

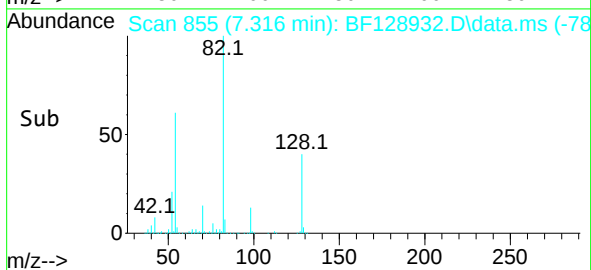
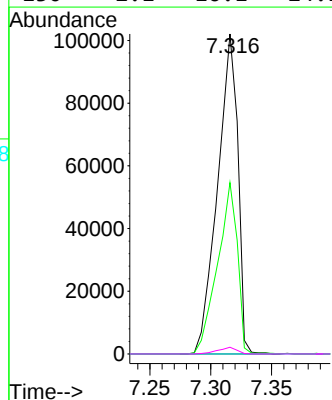
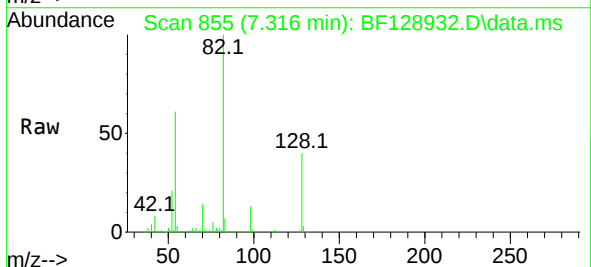
Instrument :
BNA_F
ClientSampleId :
PB145645TB

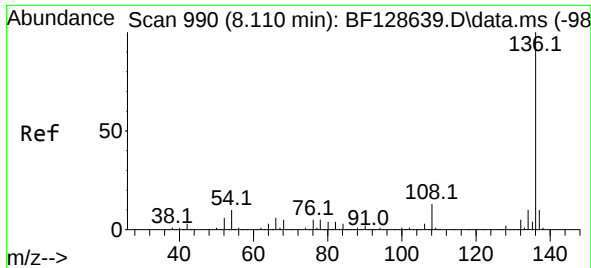
Tgt Ion: 99 Resp: 1154583
Ion Ratio Lower Upper
99 100
42 21.8 17.3 25.9
71 41.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.804 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.135 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

Tgt Ion: 70 Resp: 118227
Ion Ratio Lower Upper
70 100
42 53.6 52.3 78.5
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

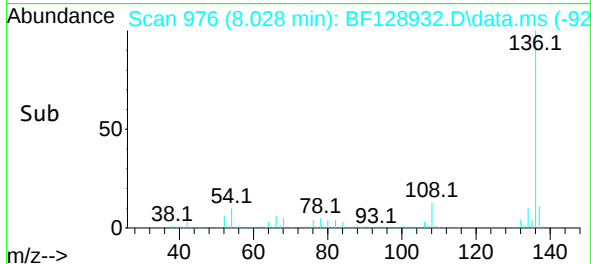
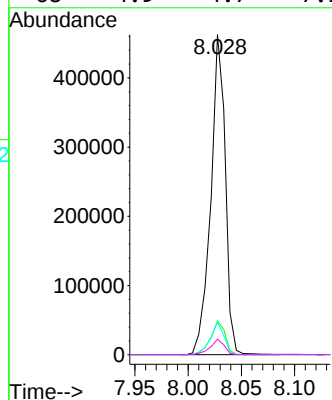
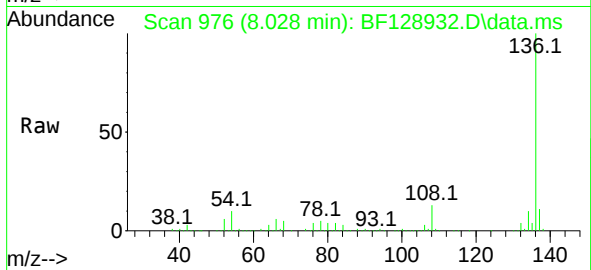




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

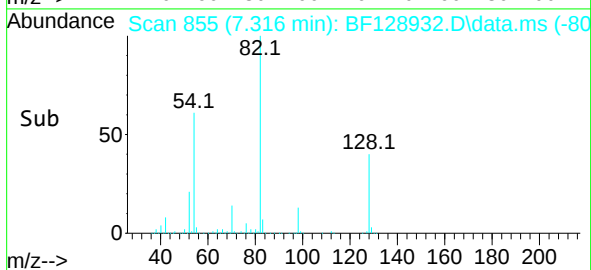
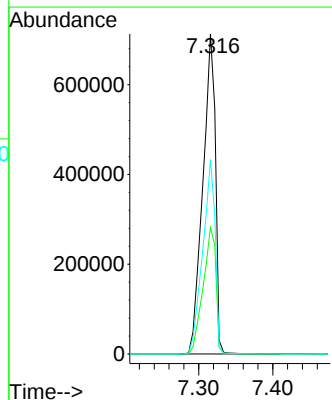
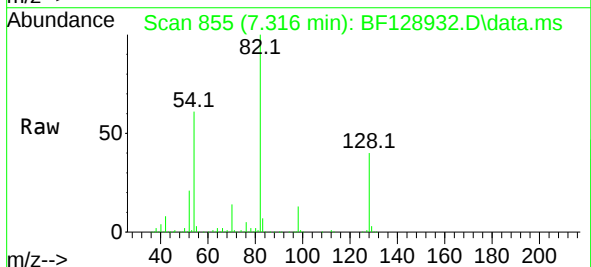
Instrument :
BNA_F
ClientSampleId :
PB145645TB

Tgt Ion:136 Resp: 440431
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.1 7.5 11.3
68 4.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 88.724 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.012 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

Tgt Ion: 82 Resp: 839301
Ion Ratio Lower Upper
82 100
128 39.6 34.0 51.0
54 60.7 46.9 70.3

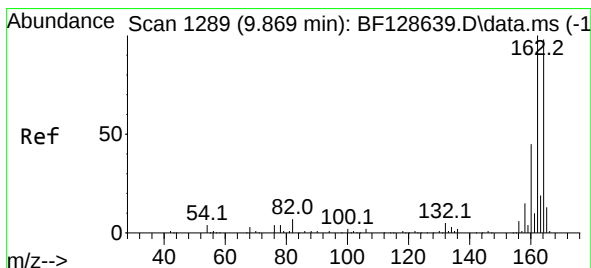
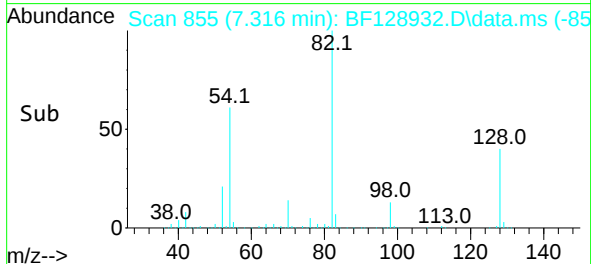
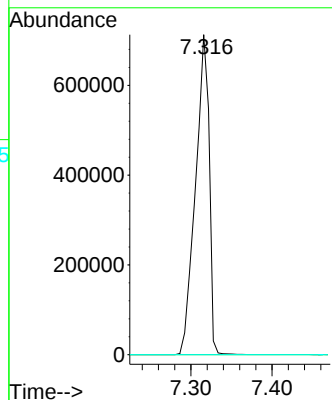
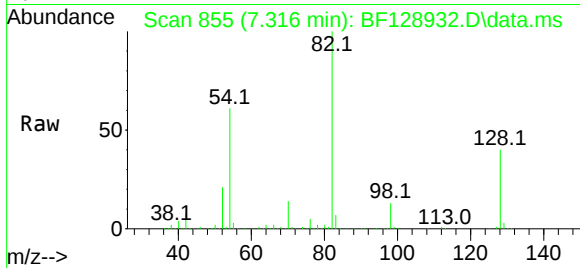




#25
Isophorone
Concen: 58.203 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

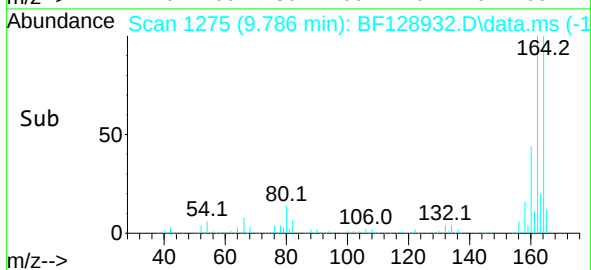
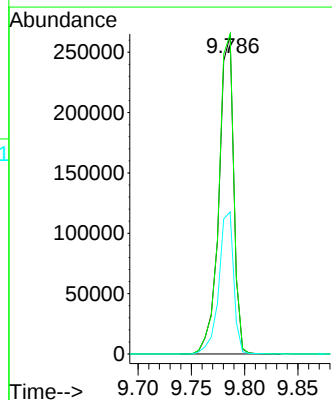
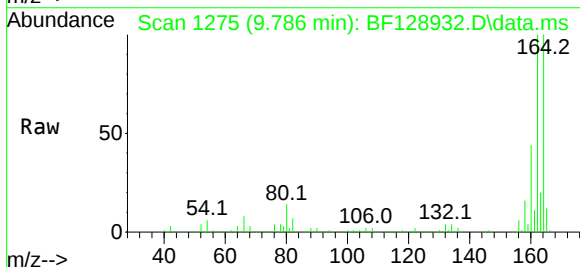
Instrument :
BNA_F
ClientSampleId :
PB145645TB

Tgt Ion: 82 Resp: 836218
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: 9.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

Tgt Ion:164 Resp: 253477
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 114.951 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128932.D

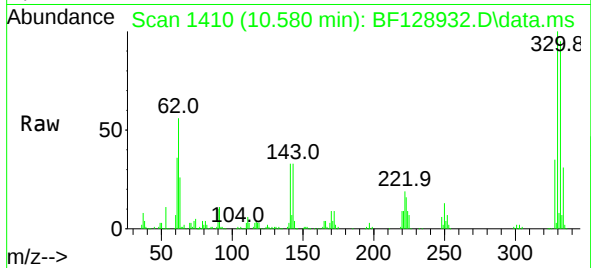
Acq: 22 Jun 2022 15:26

Instrument :

BNA_F

ClientSampleId :

PB145645TB



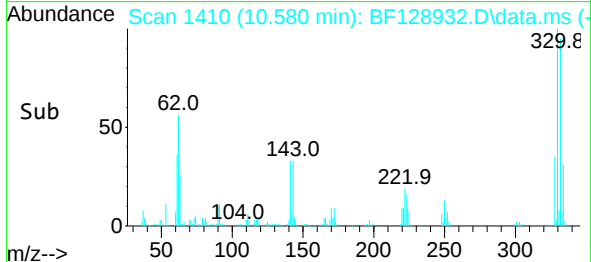
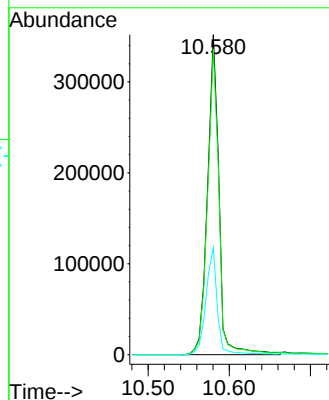
Tgt Ion:330 Resp: 344274

Ion Ratio Lower Upper

330 100

332 97.7 76.8 115.2

141 33.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 87.103 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128932.D

Acq: 22 Jun 2022 15:26

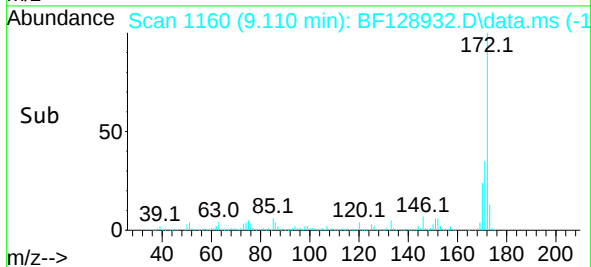
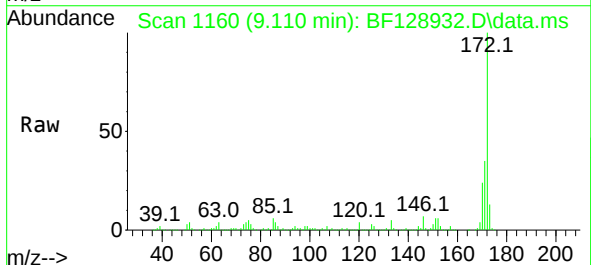
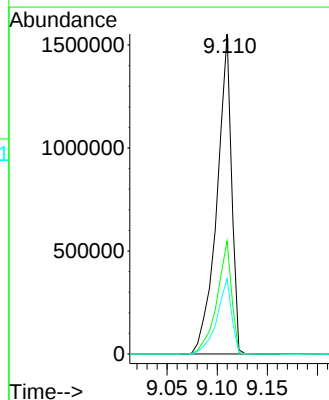
Tgt Ion:172 Resp: 1576142

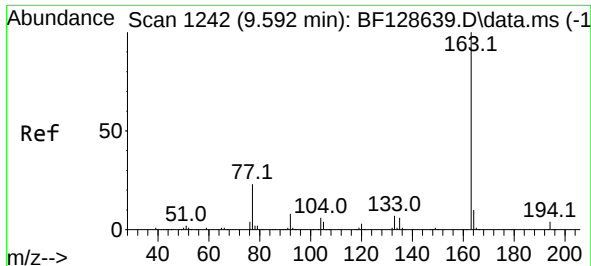
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.5 19.8 29.8

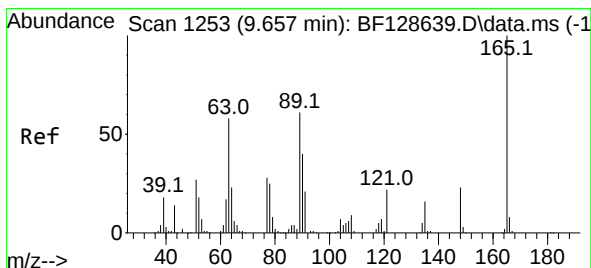
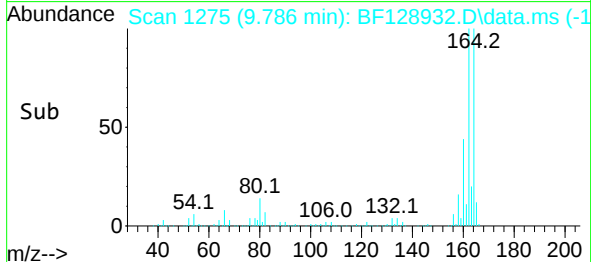
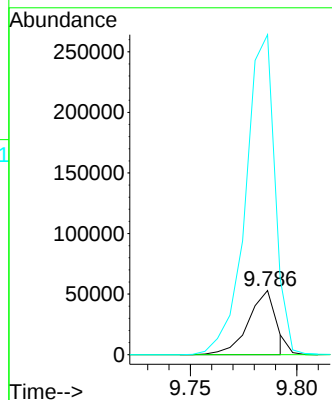
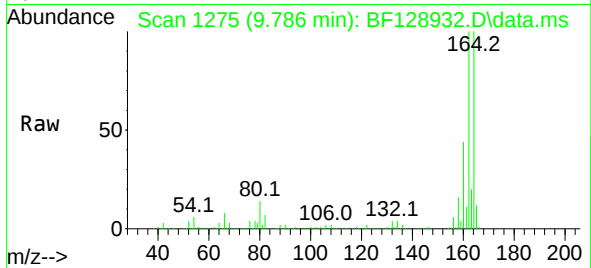




#50
Dimethylphthalate
Concen: 2.743 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.265 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

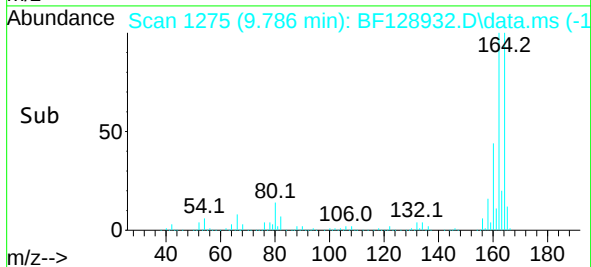
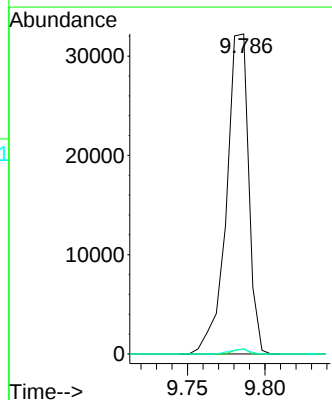
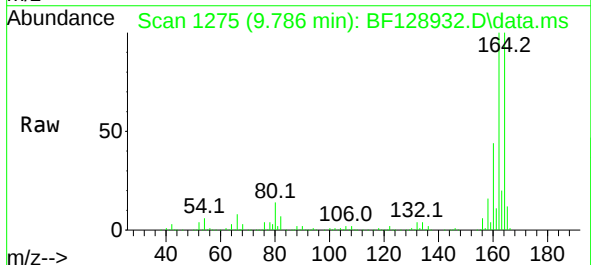
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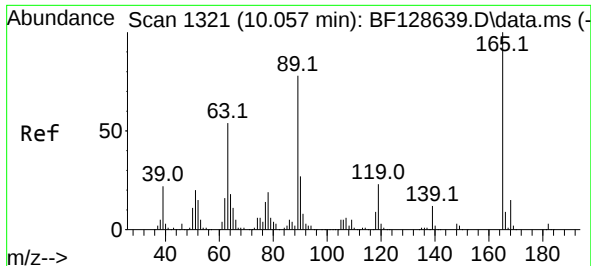
Tgt Ion:163 Resp: 47584
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 498.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.380 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.200 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

Tgt Ion:165 Resp: 32121
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.5 43.6 65.4#

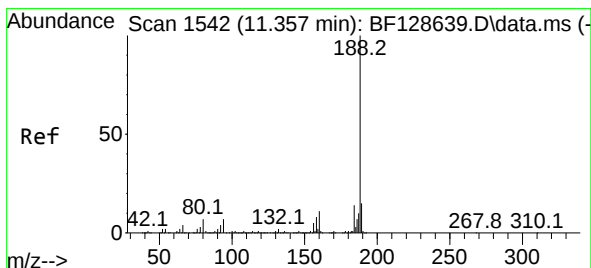
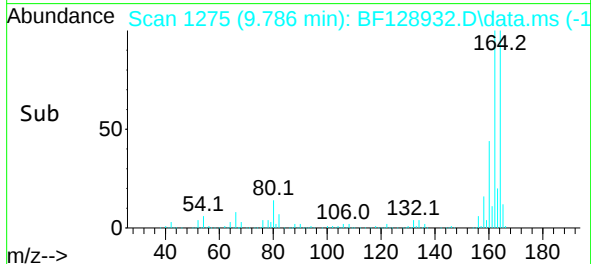
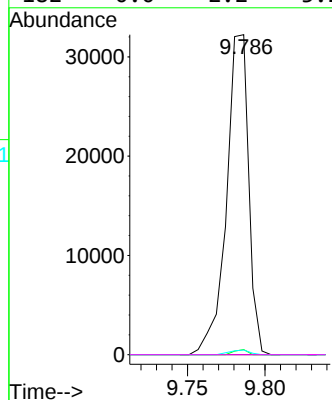
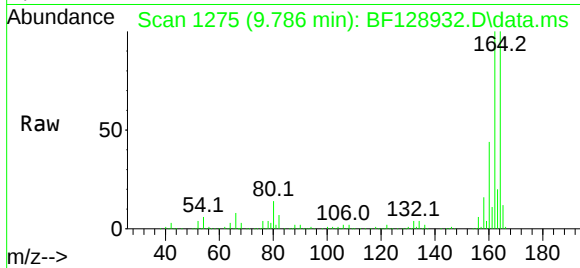




#57
2,4-Dinitrotoluene
Concen: 7.029 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

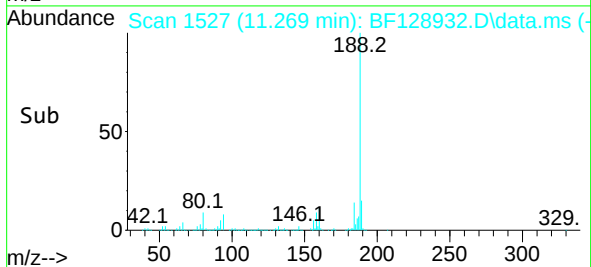
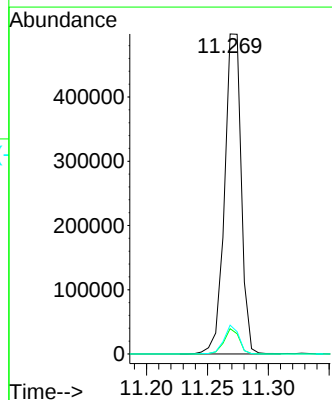
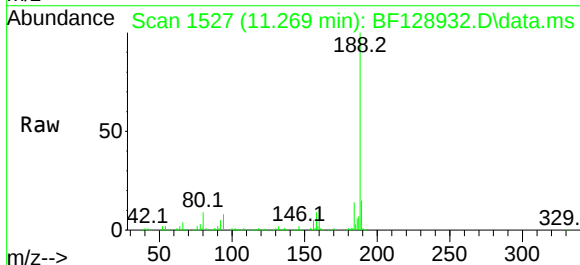
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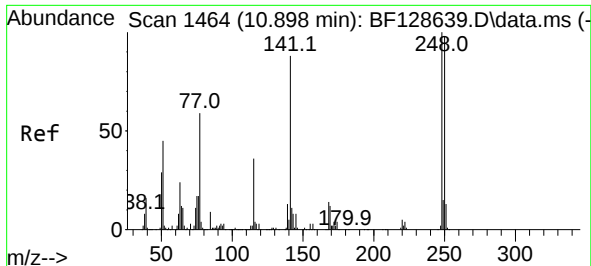
Tgt Ion:165 Resp: 32121
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1527
Delta R.T. -0.012 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

Tgt Ion:188 Resp: 475307
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 9.0 7.6 11.4

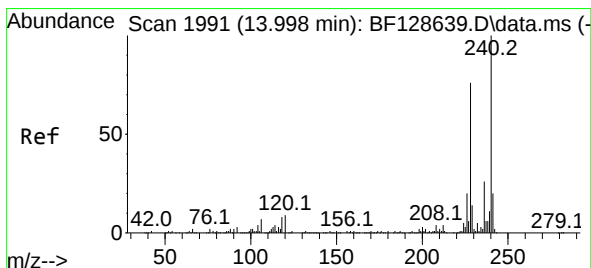
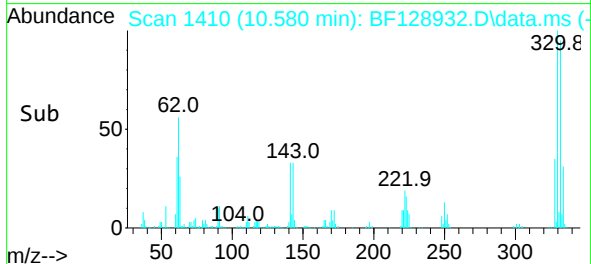
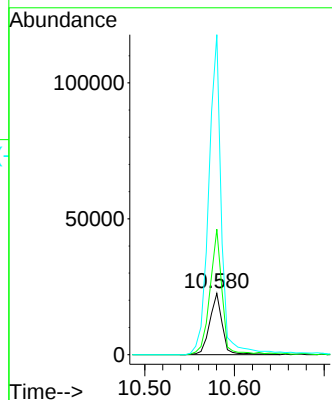
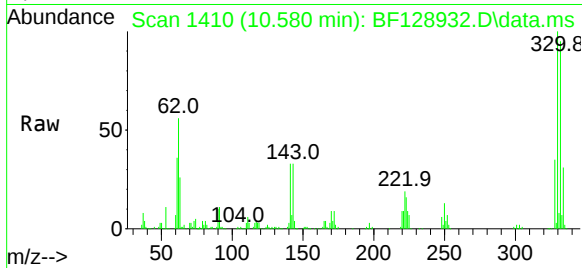




#67
4-Bromophenyl-phenylether
Concen: 4.147 ng
RT: 10.580 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

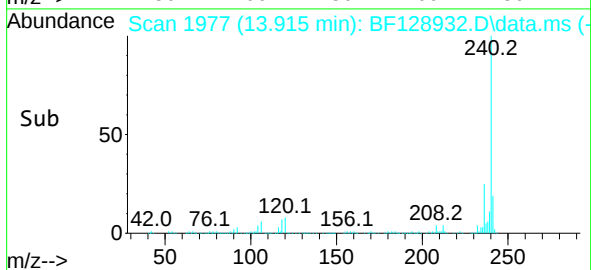
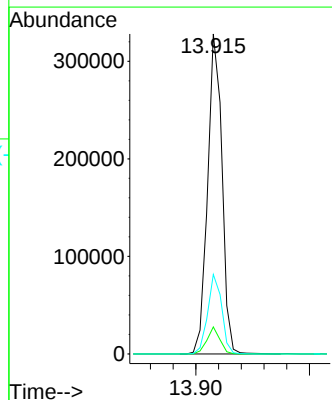
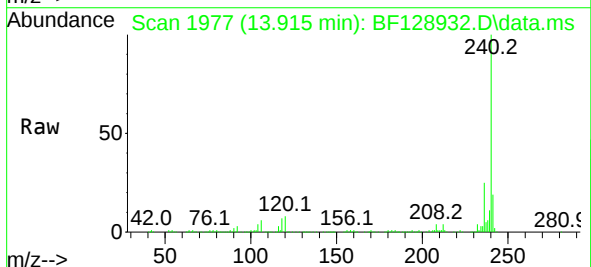
Instrument :
BNA_F
ClientSampleId :
PB145645TB

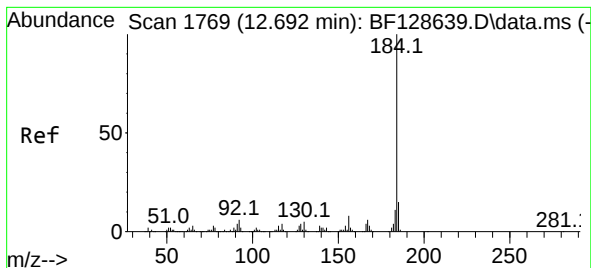
Tgt Ion:248 Resp: 21979
Ion Ratio Lower Upper
248 100
250 204.5 80.6 120.8#
141 521.9 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF128932.D
Acq: 22 Jun 2022 15:26

Tgt Ion:240 Resp: 287341
Ion Ratio Lower Upper
240 100
120 8.4 8.9 13.3#
236 24.9 20.8 31.2





#77

Benzidine

Concen: 3.404 ng

RT: 12.868 min Scan# 1799

Delta R.T. 0.253 min

Lab File: BF128932.D

Acq: 22 Jun 2022 15:26

Instrument :

BNA_F

ClientSampleId :

PB145645TB

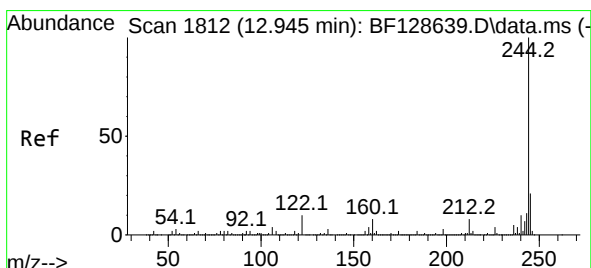
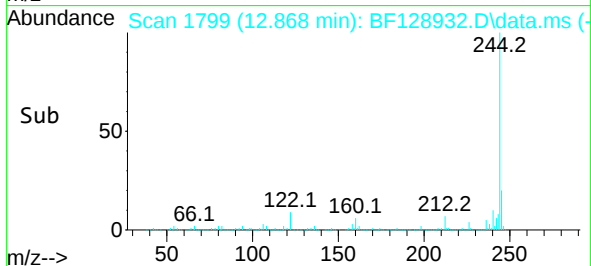
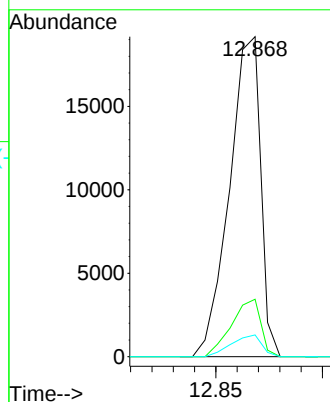
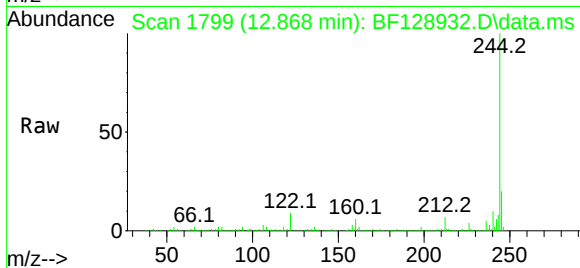
Tgt Ion:184 Resp: 19500

Ion Ratio Lower Upper

184 100

185 18.0 11.9 17.9#

183 6.8 9.3 13.9#



#79

Terphenyl-d14

Concen: 92.344 ng

RT: 12.868 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BF128932.D

Acq: 22 Jun 2022 15:26

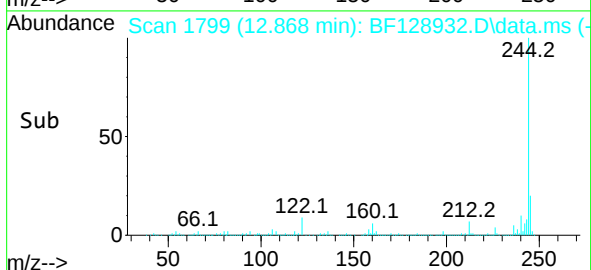
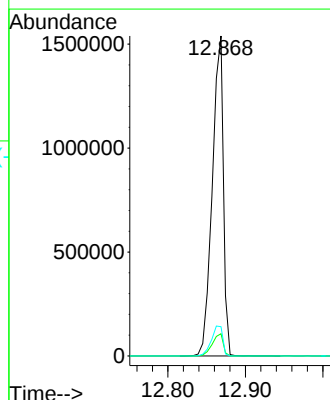
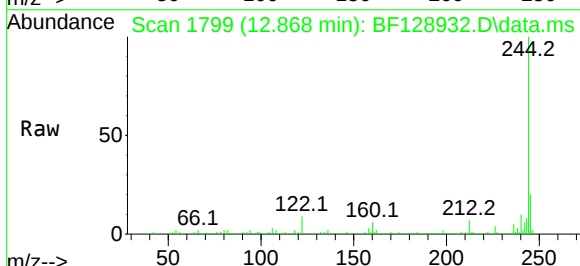
Tgt Ion:244 Resp: 1527036

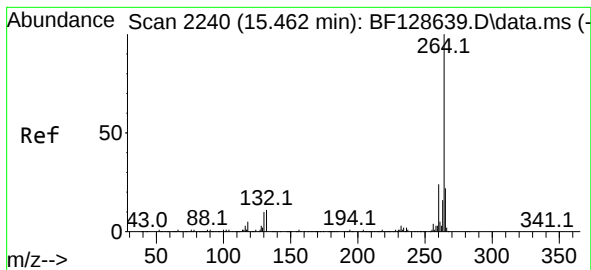
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

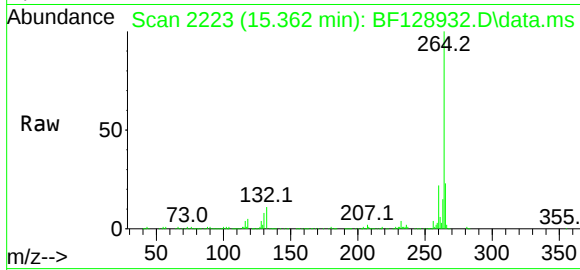
122 9.1 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.362 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF128932.D
 Acq: 22 Jun 2022 15:26

Instrument :
 BNA_F
 ClientSampleId :
 PB145645TB



Tgt Ion:264 Resp: 218379
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.4 27.6
 265 22.7 17.2 25.8

