

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127196.D
 Acq On : 04 Mar 2022 12:40
 Operator : CG\JU
 Sample : PB143039TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143039TB

Quant Time: Mar 05 02:19:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

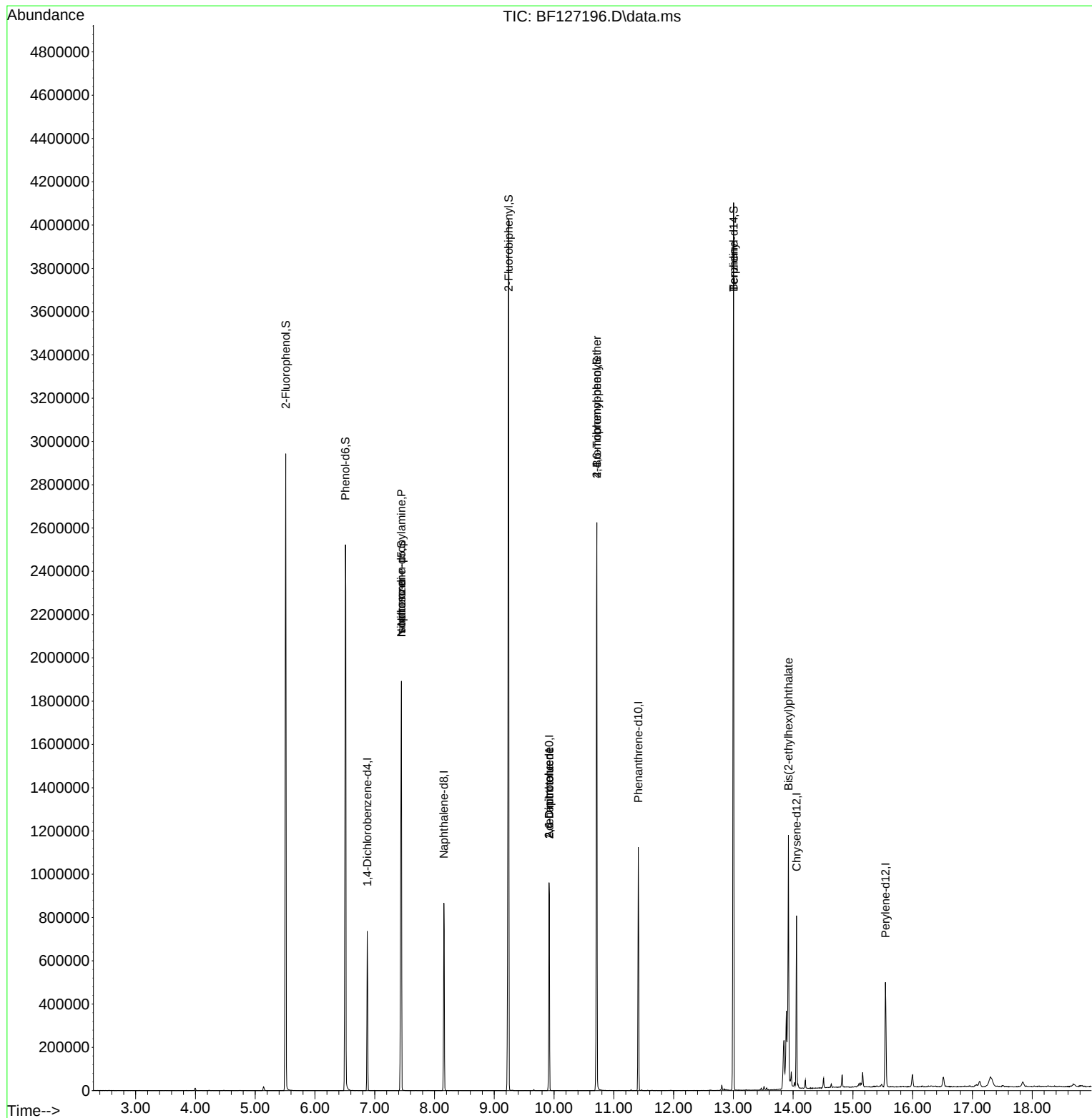
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	95183	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	387169	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	199645	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	362955	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	233321	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	182683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	760945	123.562	ng	0.01
7) Phenol-d6	6.510	99	1013999	122.023	ng	0.00
23) Nitrobenzene-d5	7.445	82	687186	80.114	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	322182	140.162	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1197941	88.335	ng	0.00
79) Terphenyl-d14	13.004	244	1412378	88.987	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	93680	17.495	ng	# 80
25) Isophorone	7.445	82	687175	48.414	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	25070	8.635	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	25070	6.386	ng	# 15
67) 4-Bromophenyl-phenylether	10.716	248	18811	4.639	ng	# 1
77) Benzidine	13.004	184	20436	3.223	ng	# 96
84) Bis(2-ethylhexyl)phtha...	13.922	149	338830	26.894	ng	# 52

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

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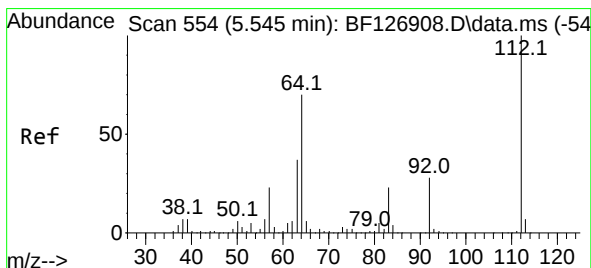
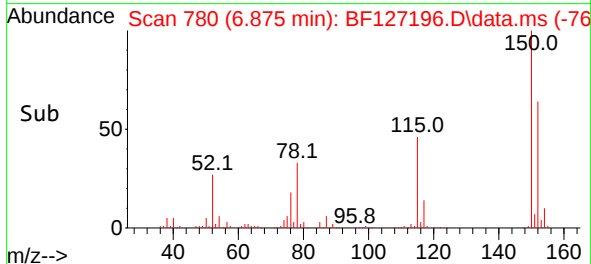
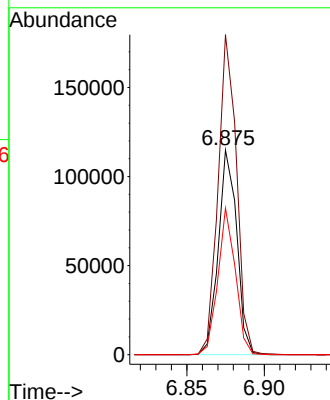
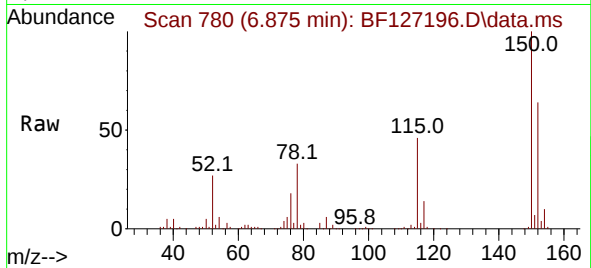




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

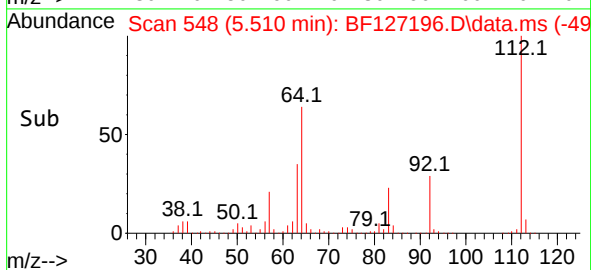
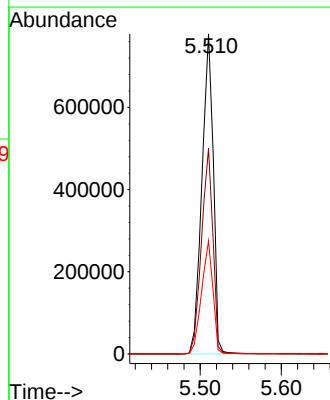
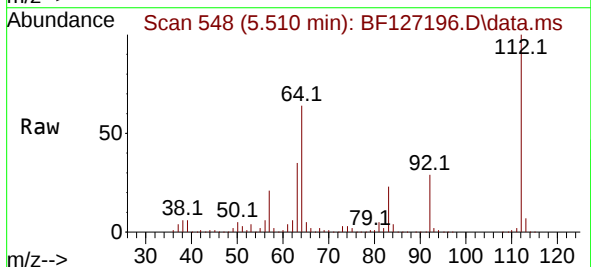
Instrument :
BNA_F
ClientSampleId :
PB143039TB

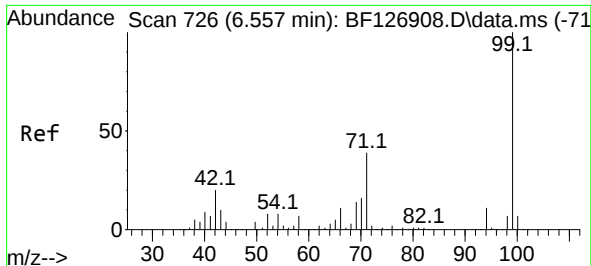
Tgt Ion:152 Resp: 95183
Ion Ratio Lower Upper
152 100
150 156.4 128.1 192.1
115 71.7 56.7 85.1



#5
2-Fluorophenol
Concen: 123.562 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

Tgt Ion:112 Resp: 760945
Ion Ratio Lower Upper
112 100
64 64.3 49.5 74.3
63 35.3 23.9 35.9

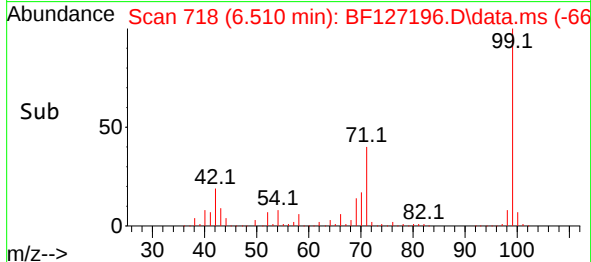
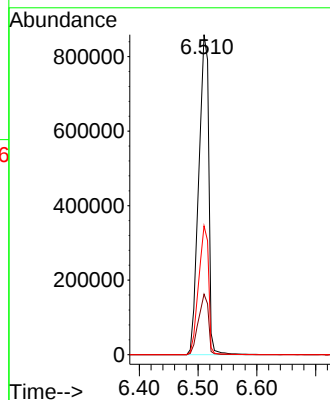
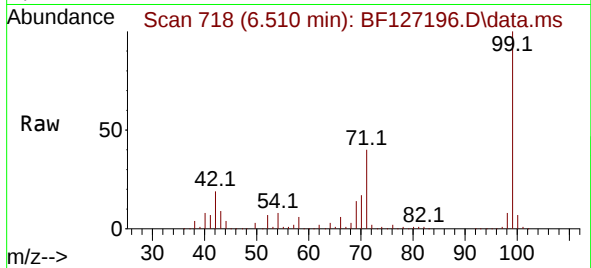




#7
Phenol-d6
Concen: 122.023 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

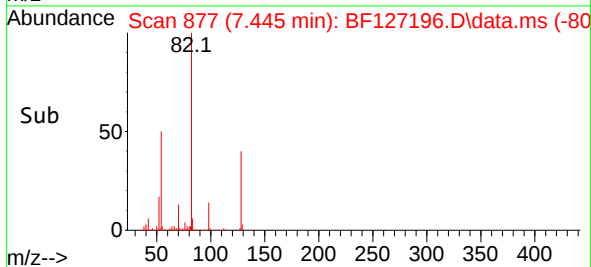
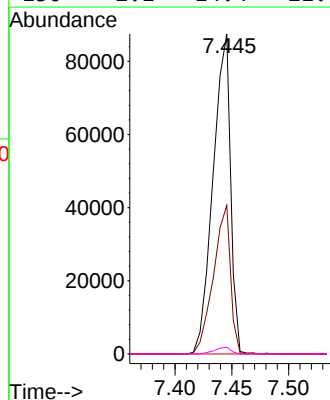
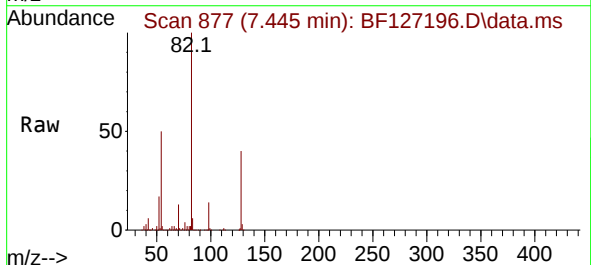
Instrument :
BNA_F
ClientSampleId :
PB143039TB

Tgt Ion: 99 Resp: 1013999
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 40.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.495 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

Tgt Ion: 70 Resp: 93680
Ion Ratio Lower Upper
70 100
42 46.4 45.8 68.8
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#

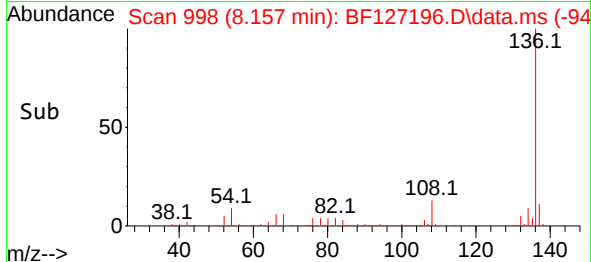
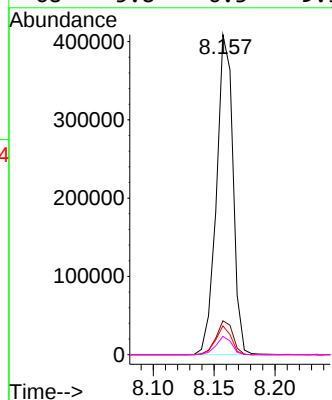
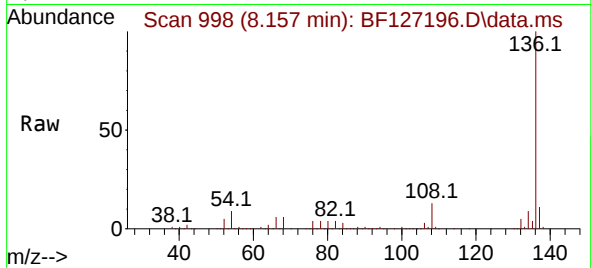




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

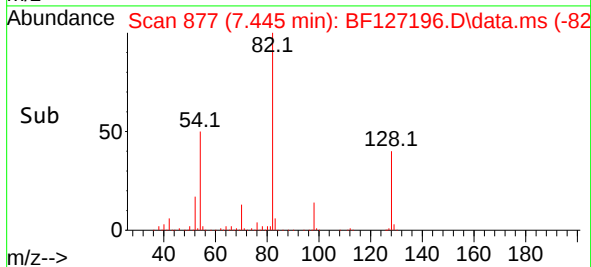
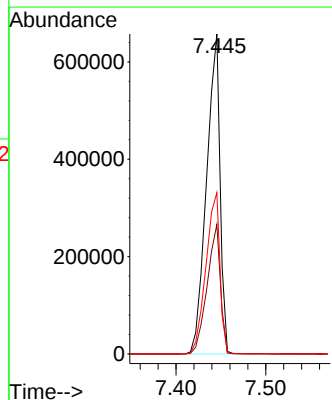
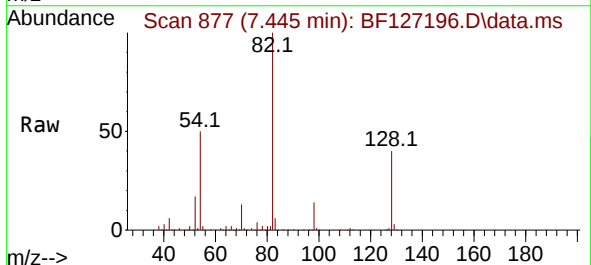
Instrument :
BNA_F
ClientSampleId :
PB143039TB

Tgt Ion:136 Resp: 387169
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.0 7.8 11.6
68 5.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 80.114 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

Tgt Ion: 82 Resp: 687186
Ion Ratio Lower Upper
82 100
128 40.4 32.7 49.1
54 50.4 41.7 62.5

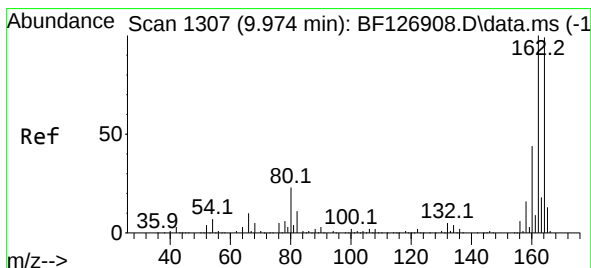
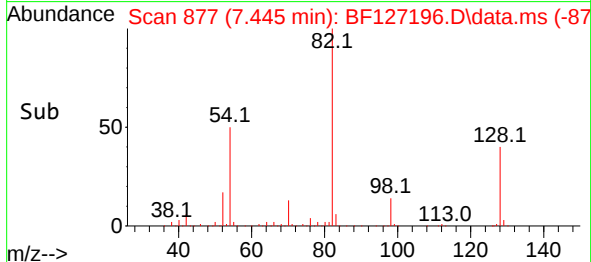
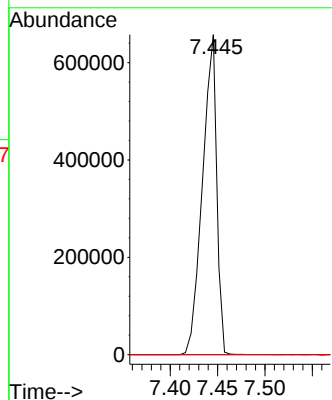
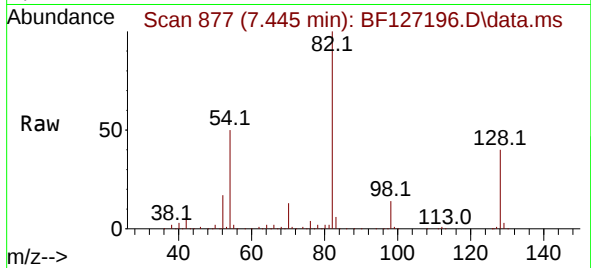




#25
Isophorone
Concen: 48.414 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

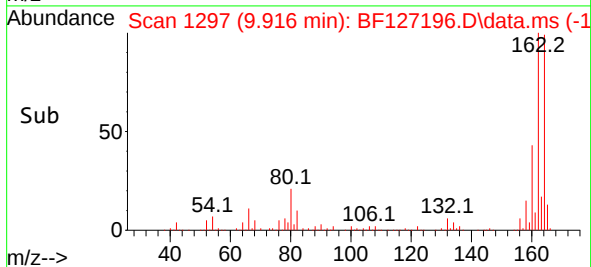
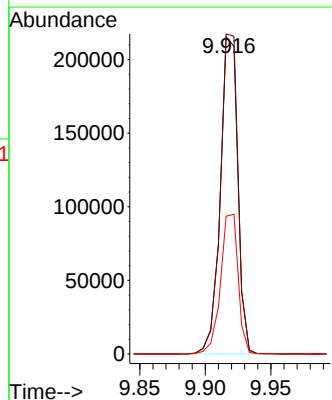
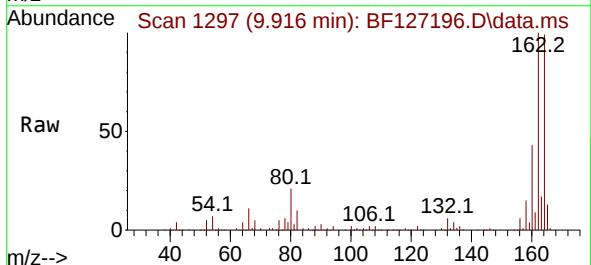
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ClientSampleId :
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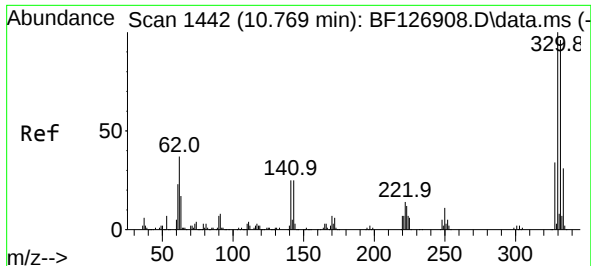
Tgt Ion: 82 Resp: 687175
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

Tgt Ion: 164 Resp: 199645
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 43.4 36.6 54.8

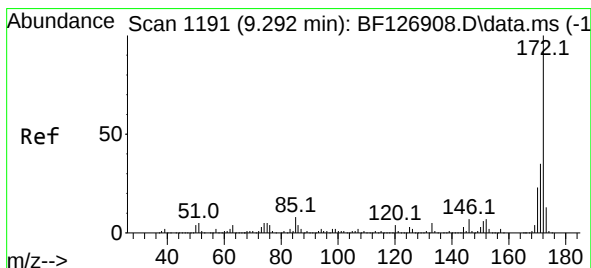
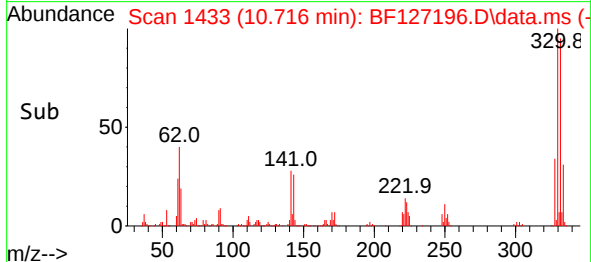
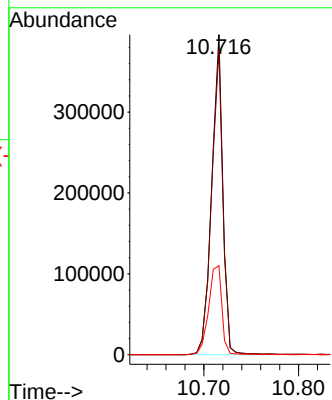
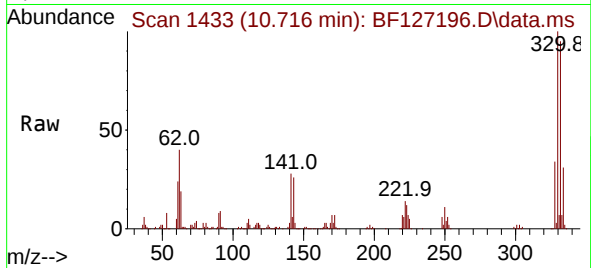




#42
2,4,6-Tribromophenol
Concen: 140.162 ng
RT: 10.716 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

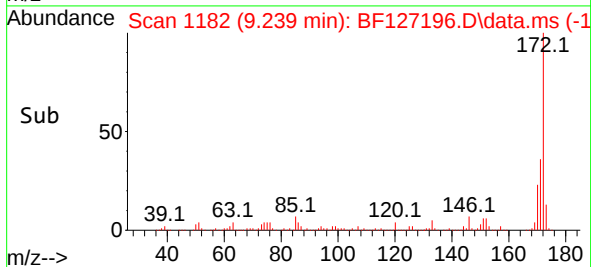
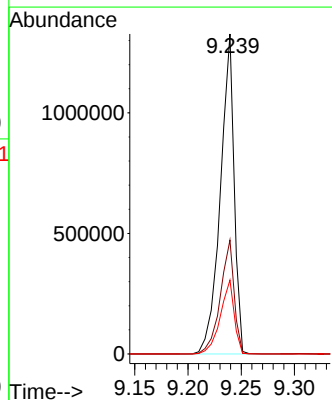
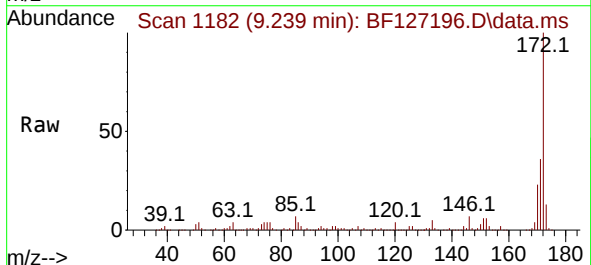
Instrument :
BNA_F
ClientSampleId :
PB143039TB

Tgt Ion:330 Resp: 322182
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 33.1 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 88.335 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

Tgt Ion:172 Resp: 1197941
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.1 19.0 28.6

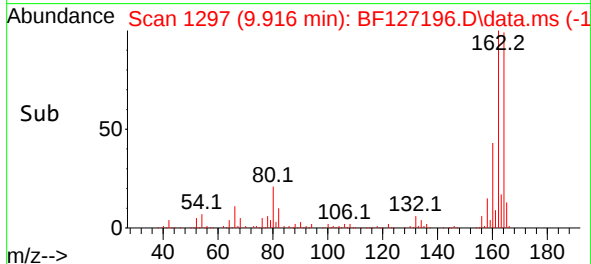
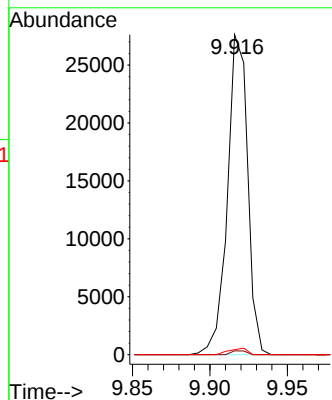
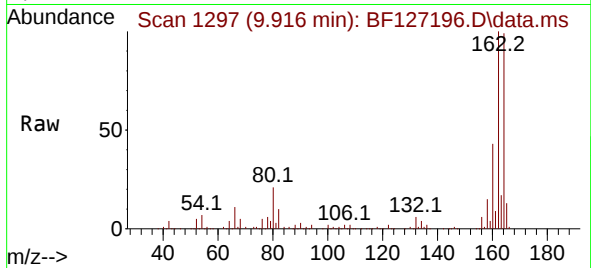




#51
2,6-Dinitrotoluene
Concen: 8.635 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

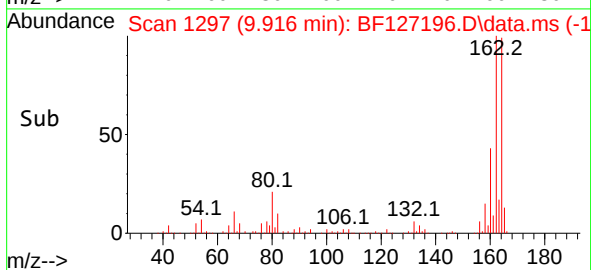
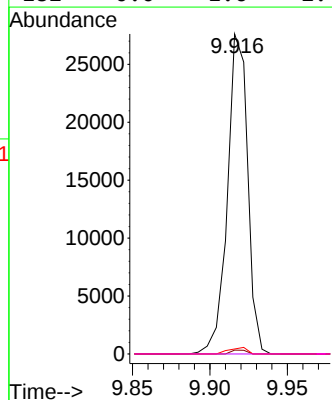
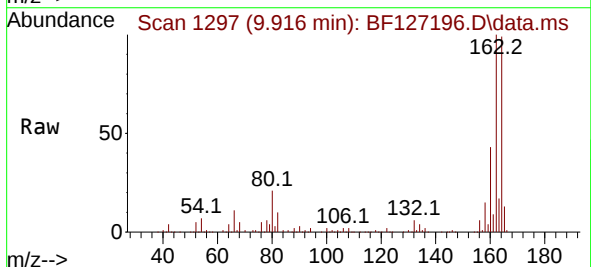
Instrument :
BNA_F
ClientSampleId :
PB143039TB

Tgt Ion:165 Resp: 25070
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.386 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.200 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

Tgt Ion:165 Resp: 25070
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

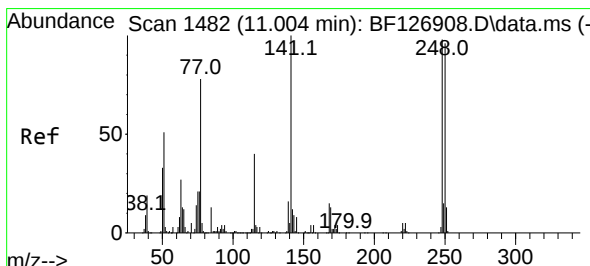
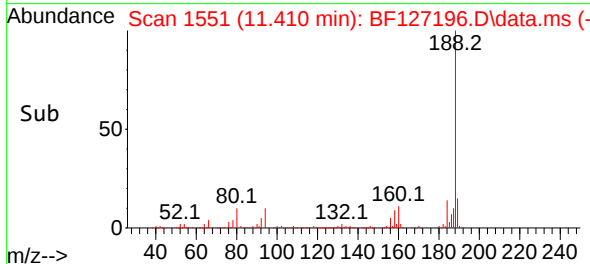
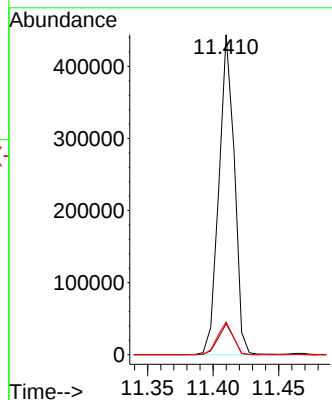
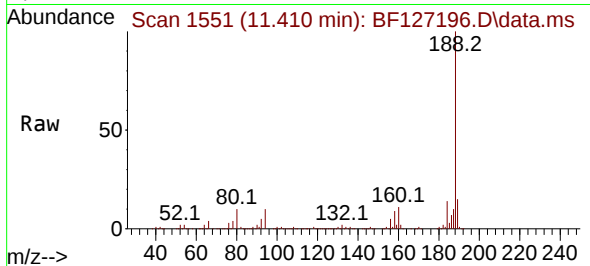




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

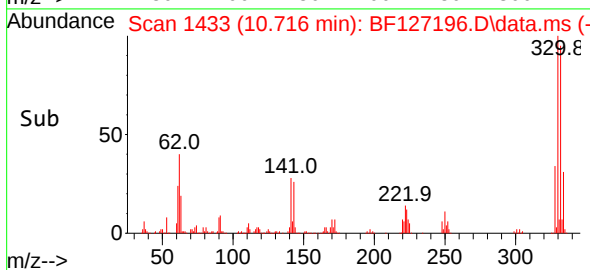
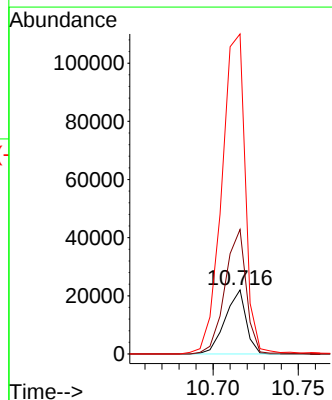
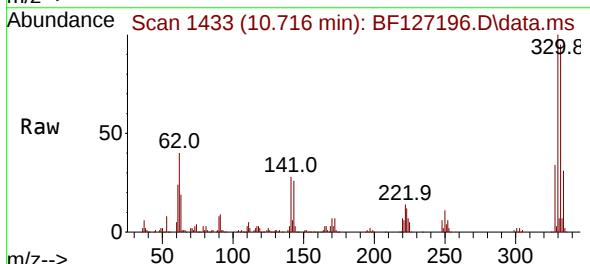
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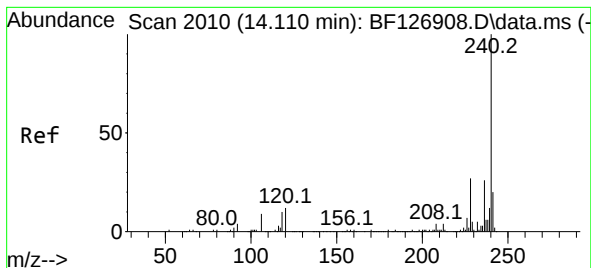
Tgt Ion:188 Resp: 362955
Ion Ratio Lower Upper
188 100
94 9.7 10.1 15.1#
80 10.3 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.639 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

Tgt Ion:248 Resp: 18811
Ion Ratio Lower Upper
248 100
250 194.6 76.2 114.4#
141 500.3 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF127196.D

Acq: 04 Mar 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB143039TB

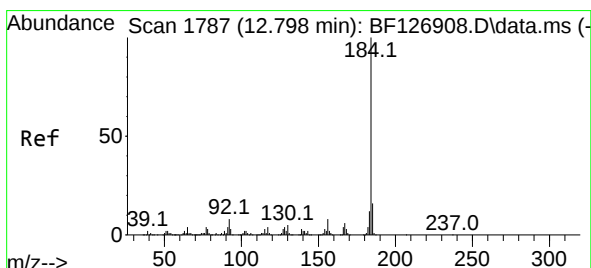
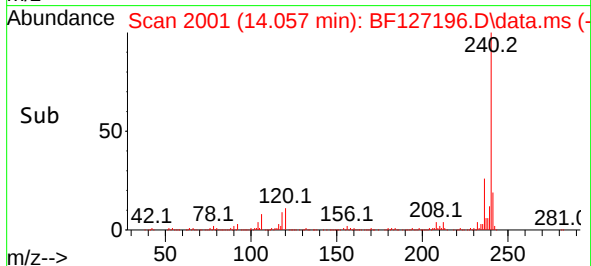
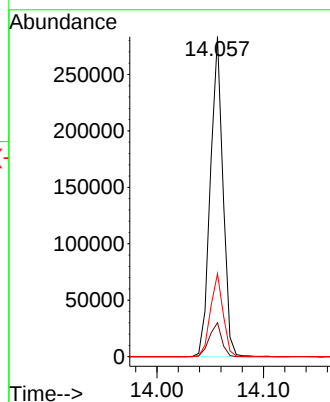
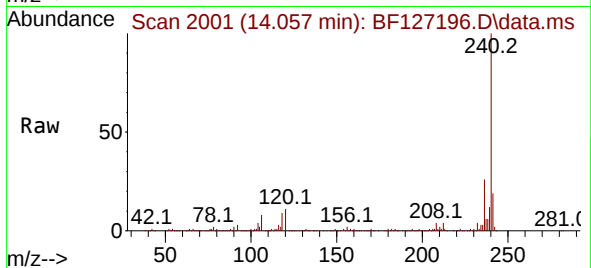
Tgt Ion:240 Resp: 233321

Ion Ratio Lower Upper

240 100

120 10.6 14.4 21.6#

236 25.9 20.5 30.7



#77

Benzidine

Concen: 3.223 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.253 min

Lab File: BF127196.D

Acq: 04 Mar 2022 12:40

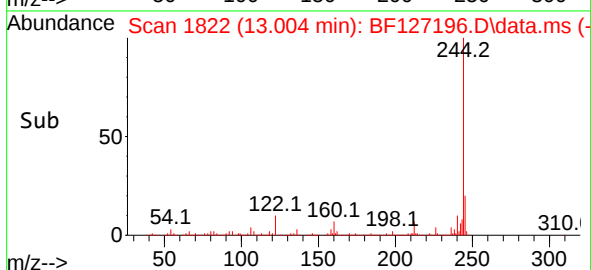
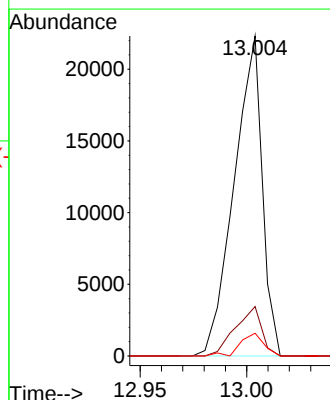
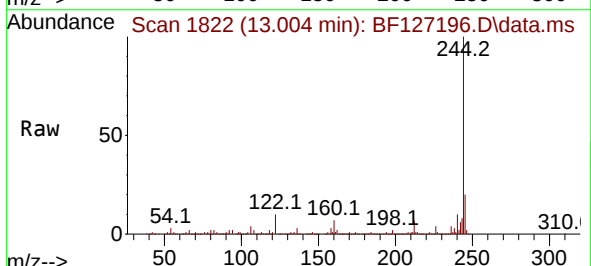
Tgt Ion:184 Resp: 20436

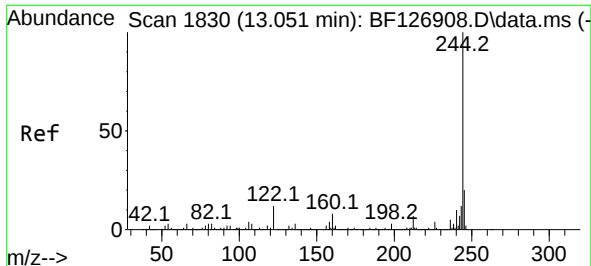
Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.8

183 7.1 8.2 12.2#

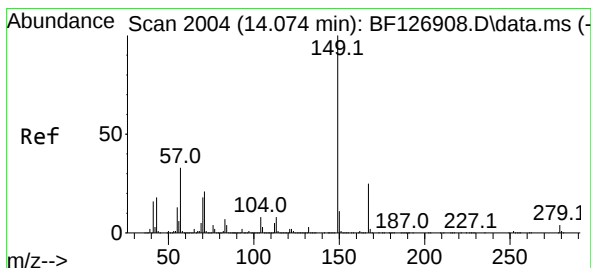
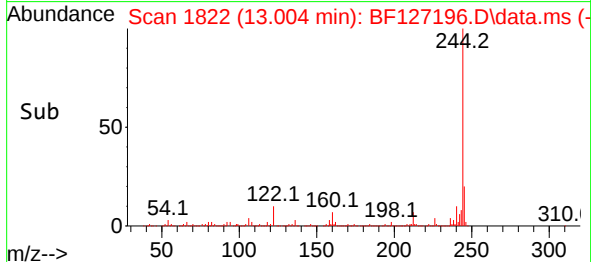
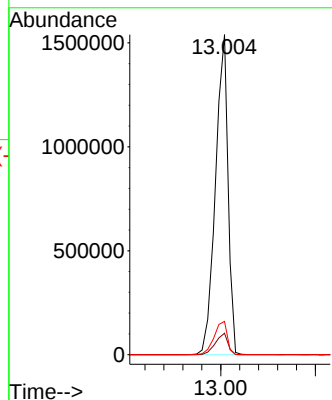
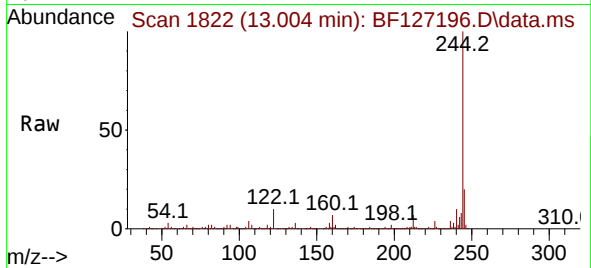




#79
 Terphenyl-d14
 Concen: 88.987 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127196.D
 Acq: 04 Mar 2022 12:40

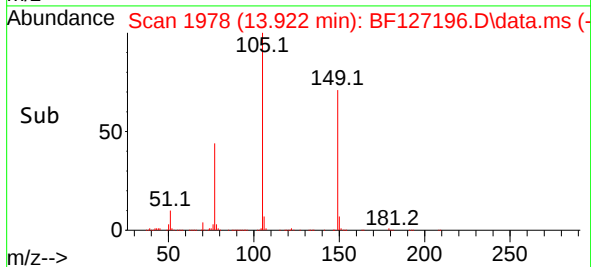
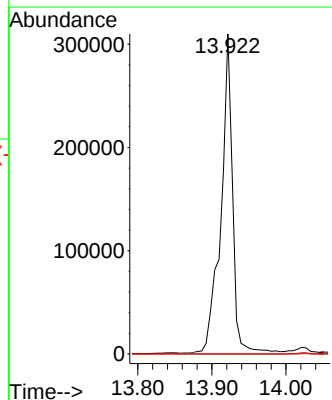
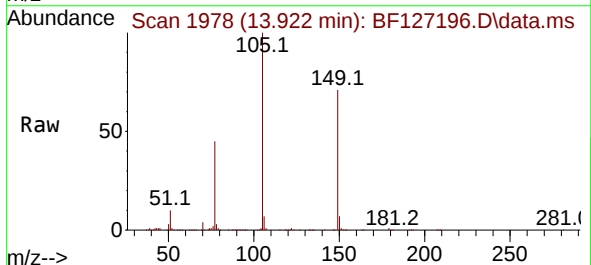
Instrument :
 BNA_F
 ClientSampleId :
 PB143039TB

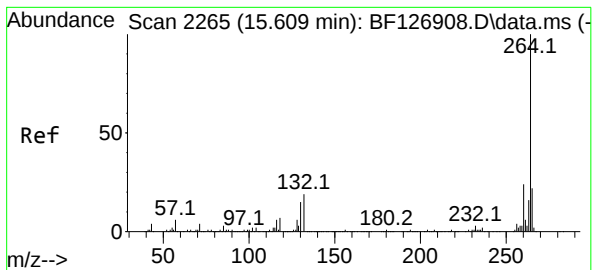
Tgt Ion:244 Resp: 1412378
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.4 13.3 19.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 26.894 ng
 RT: 13.922 min Scan# 1978
 Delta R.T. -0.106 min
 Lab File: BF127196.D
 Acq: 04 Mar 2022 12:40

Tgt Ion:149 Resp: 338830
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.2#
 279 0.0 2.4 3.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

Instrument :
BNA_F
ClientSampleId :
PB143039TB

Tgt Ion:264	Resp:	182683
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.2 28.8
265	22.2	17.4 26.2

