

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127539.D
 Acq On : 28 Mar 2022 13:36
 Operator : CG\JU
 Sample : PB143589TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143589TB

Quant Time: Mar 29 07:15:28 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)

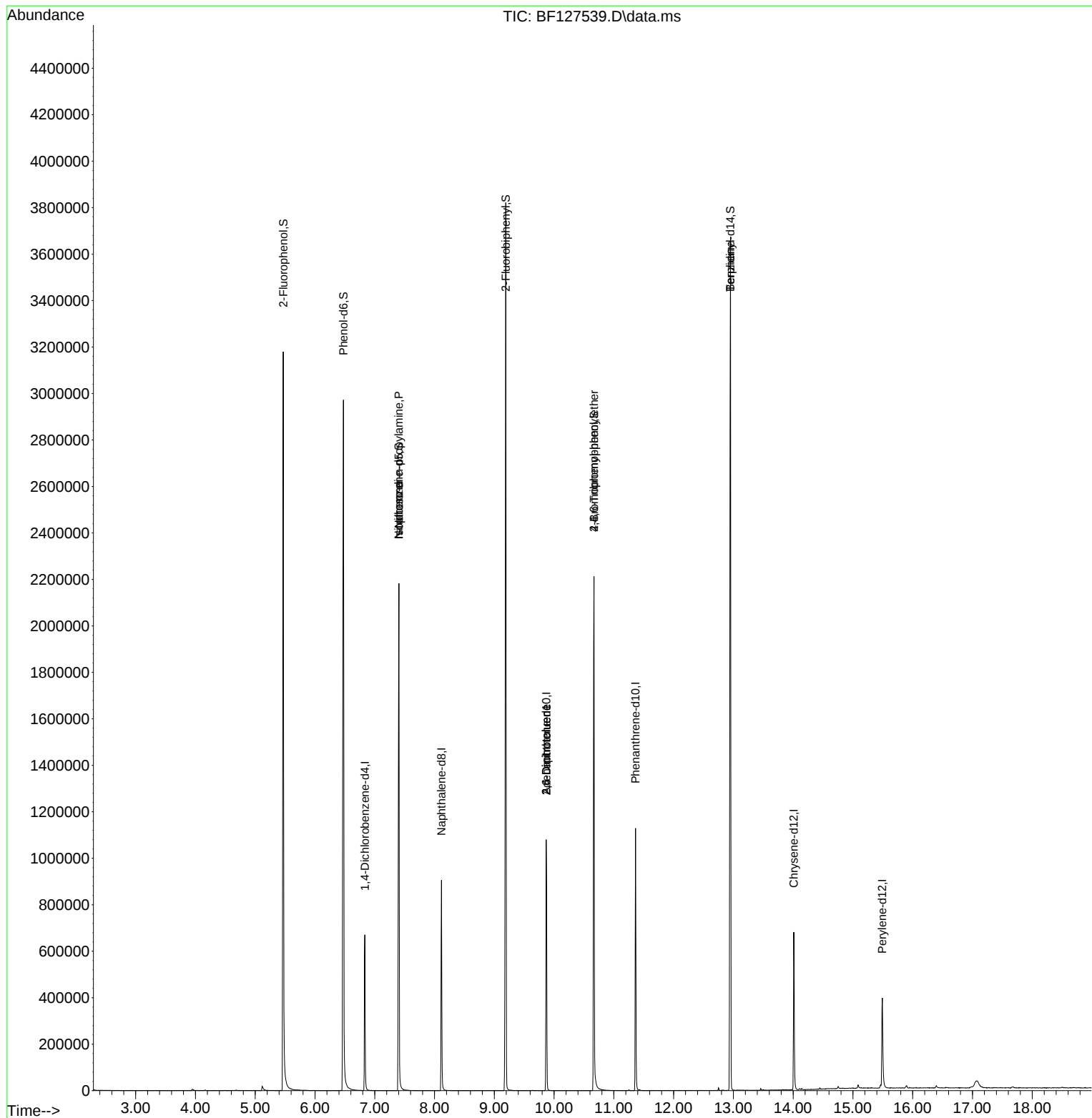
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	99452	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	367829	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	212490	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	381950	20.000	ng	0.00
76) Chrysene-d12	14.010	240	243903	20.000	ng	0.00
86) Perylene-d12	15.492	264	190997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	781992	125.511	ng	0.01
7) Phenol-d6	6.475	99	1060806	124.558	ng	0.00
23) Nitrobenzene-d5	7.404	82	737008	85.648	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	268918	118.803	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1235358	84.894	ng	0.00
79) Terphenyl-d14	12.951	244	1338585	89.843	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	1584	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	100046	19.598	ng	# 80
25) Isophorone	7.404	82	737004	53.775	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	28117	9.061	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	28117	7.040	ng	# 13
58) Fluorene	10.669	166	10634	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.669	248	18053	4.048	ng	# 1
77) Benzidine	12.951	184	16763	2.882	ng	# 94

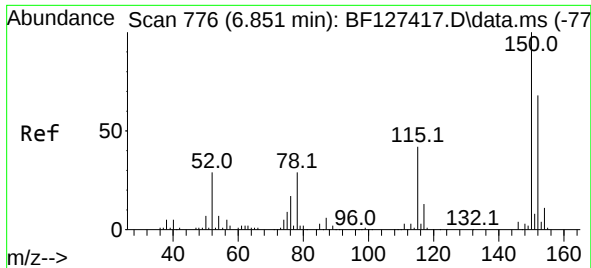
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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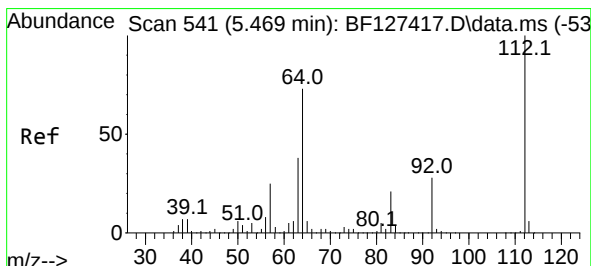
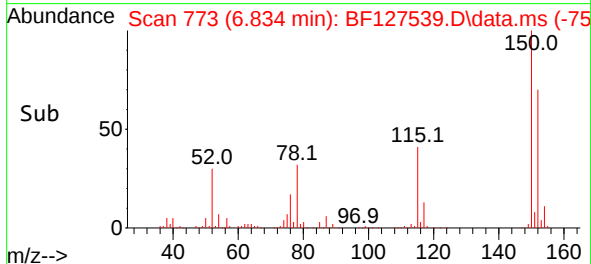
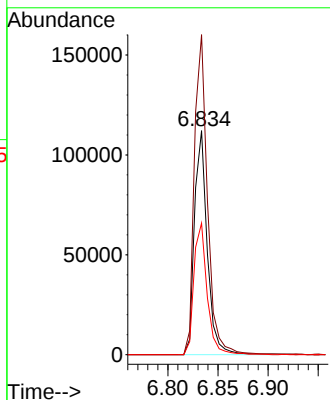
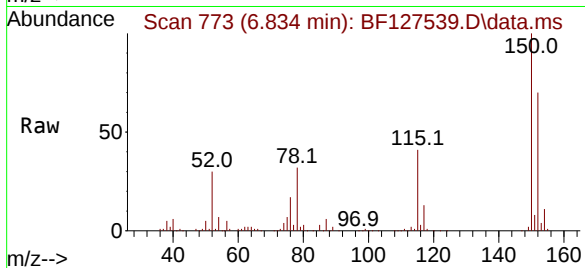




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127539.D
Acq: 28 Mar 2022 13:36

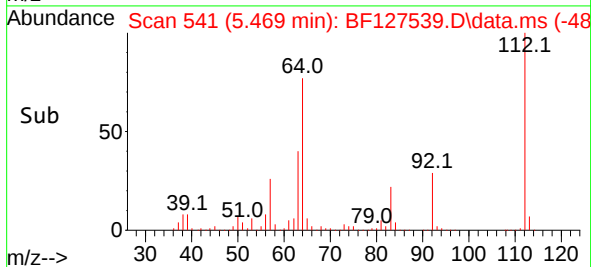
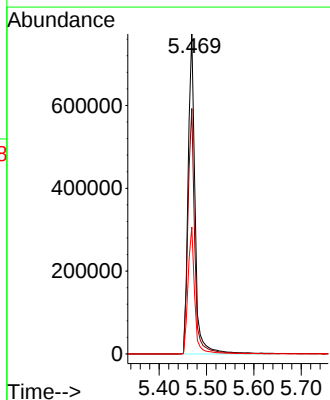
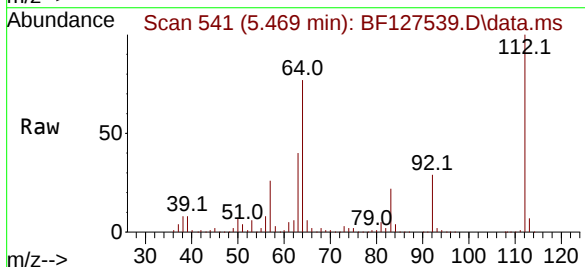
Instrument :
BNA_F
ClientSampleId :
PB143589TB

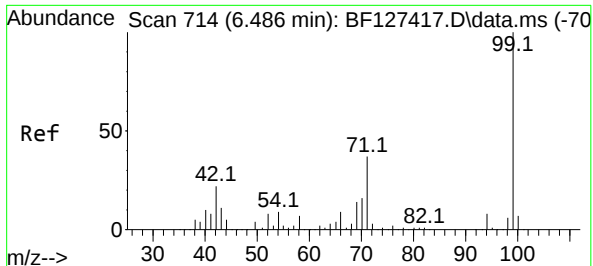
Tgt Ion:152 Resp: 99452
Ion Ratio Lower Upper
152 100
150 142.8 117.2 175.8
115 58.7 49.8 74.6



#5
2-Fluorophenol
Concen: 125.511 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127539.D
Acq: 28 Mar 2022 13:36

Tgt Ion:112 Resp: 781992
Ion Ratio Lower Upper
112 100
64 76.7 58.4 87.6
63 39.7 30.1 45.1

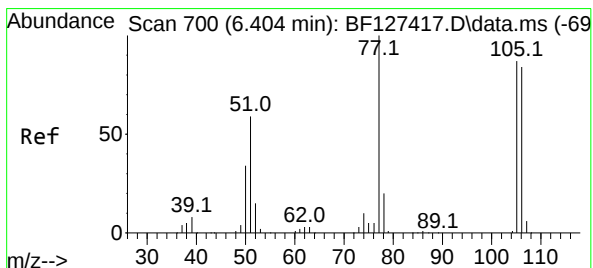
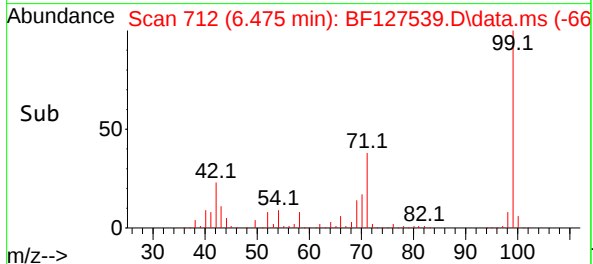
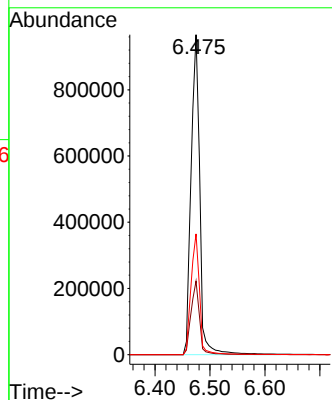
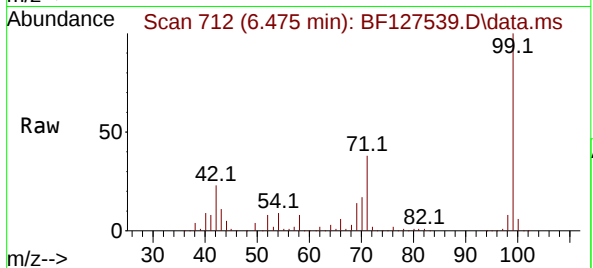




#7
Phenol-d6
Concen: 124.558 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127539.D
Acq: 28 Mar 2022 13:36

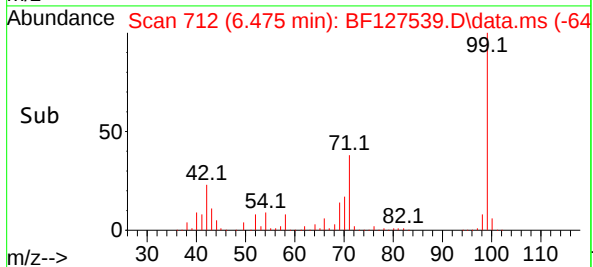
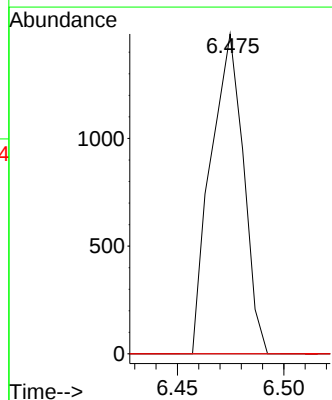
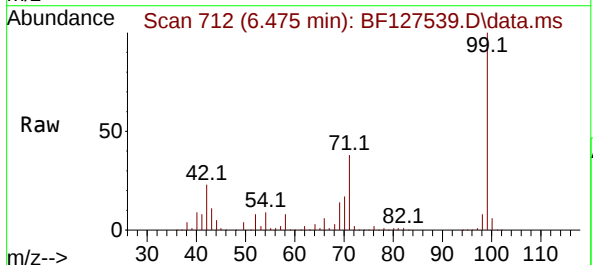
Instrument :
BNA_F
ClientSampleId :
PB143589TB

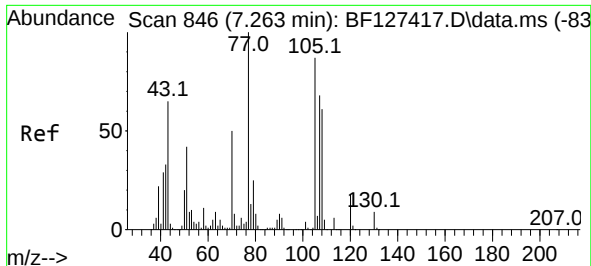
Tgt Ion: 99 Resp: 1060806
Ion Ratio Lower Upper
99 100
42 23.0 17.8 26.6
71 37.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.082 min
Lab File: BF127539.D
Acq: 28 Mar 2022 13:36

Tgt Ion: 77 Resp: 1584
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: 19.598 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127539.D

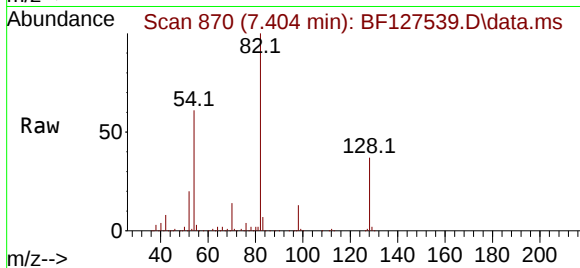
Acq: 28 Mar 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB143589TB



Tgt Ion: 70 Resp: 100046

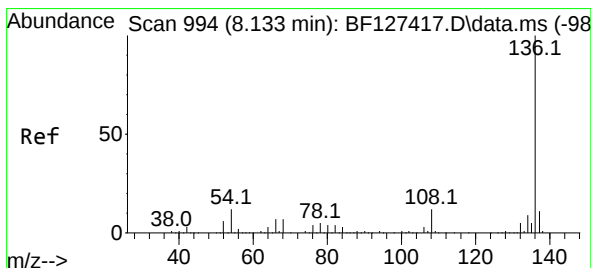
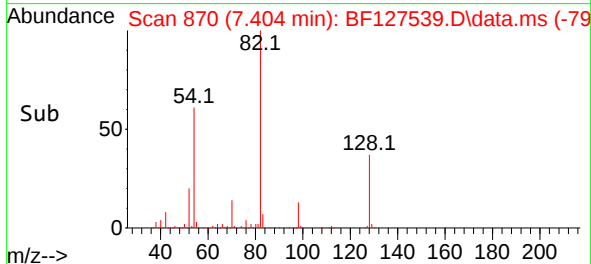
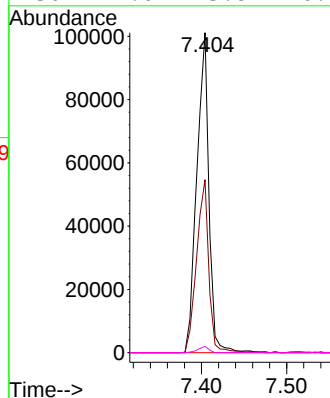
Ion Ratio Lower Upper

70 100

42 54.1 53.0 79.6

101 0.0 6.8 10.2#

130 2.0 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: BF127539.D

Acq: 28 Mar 2022 13:36

Tgt Ion:136 Resp: 367829

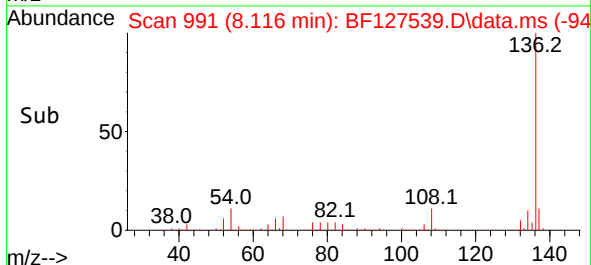
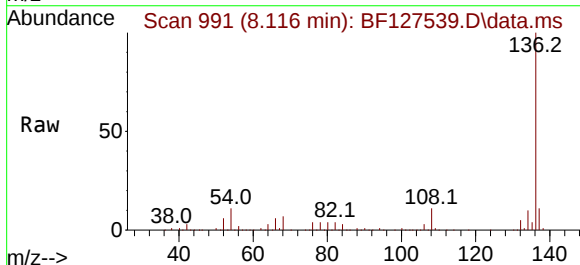
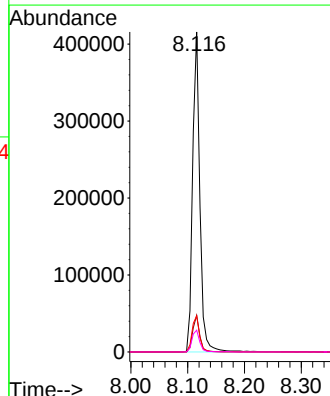
Ion Ratio Lower Upper

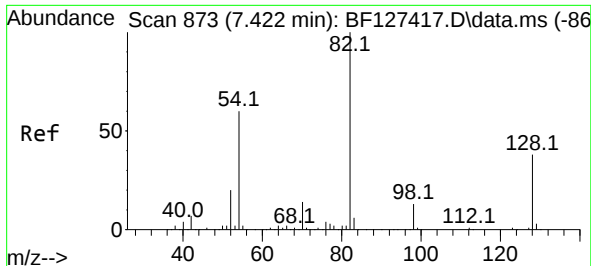
136 100

137 11.5 8.6 13.0

54 11.3 9.2 13.8

68 6.8 5.4 8.0





#23

Nitrobenzene-d5

Concen: 85.648 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127539.D

Acq: 28 Mar 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB143589TB

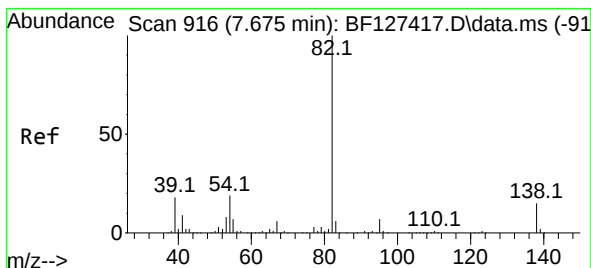
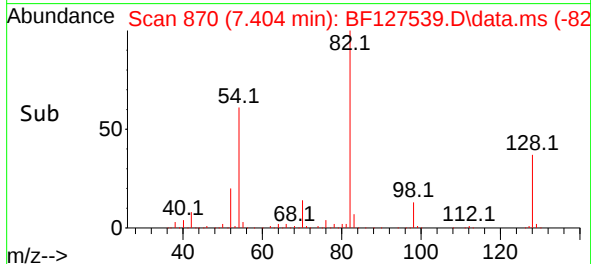
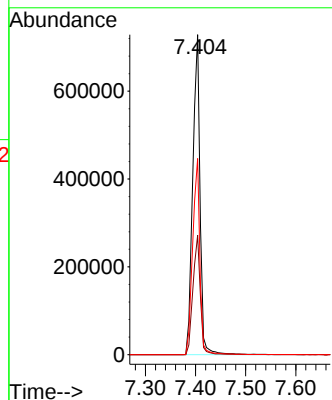
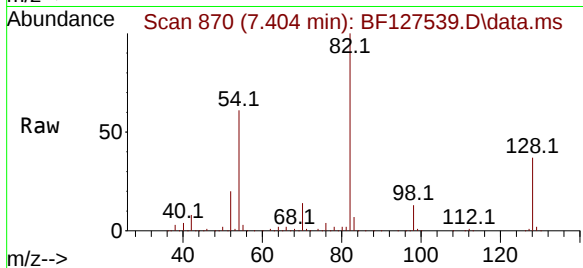
Tgt Ion: 82 Resp: 737008

Ion Ratio Lower Upper

82 100

128 37.3 30.6 45.8

54 61.3 48.2 72.2



#25

Isophorone

Concen: 53.775 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127539.D

Acq: 28 Mar 2022 13:36

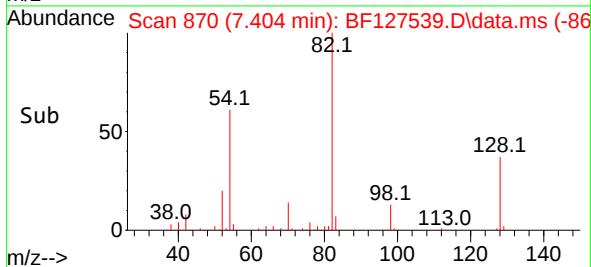
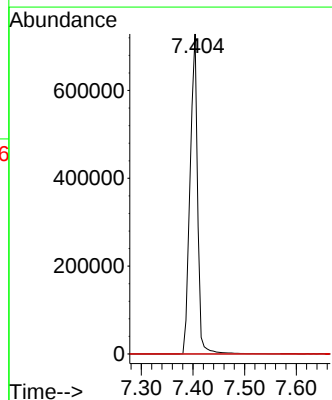
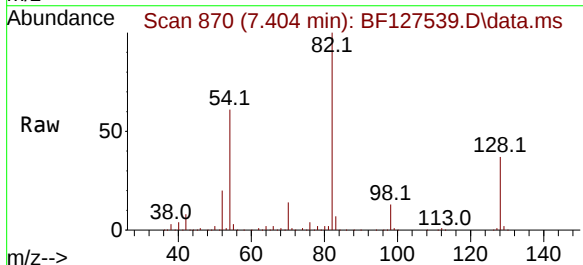
Tgt Ion: 82 Resp: 737004

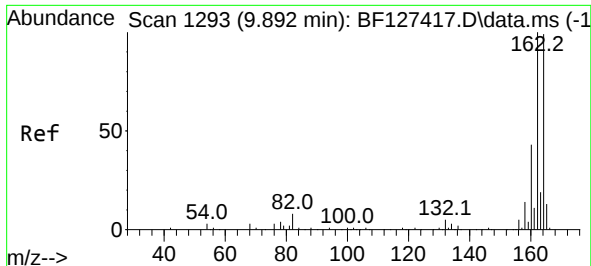
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

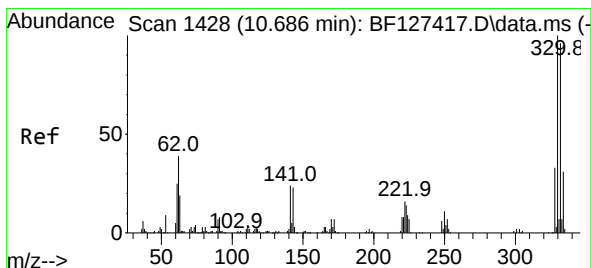
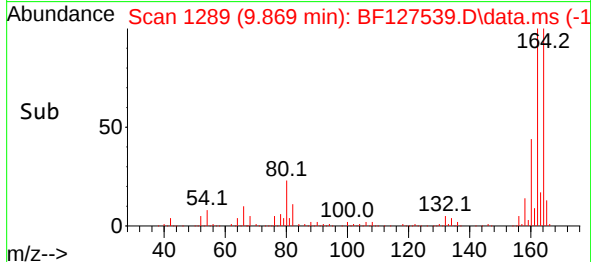
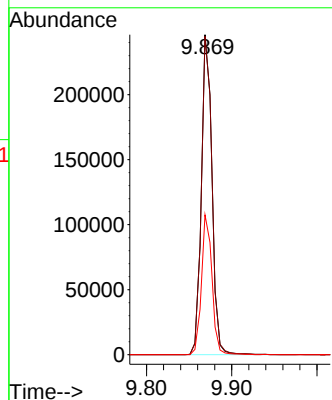
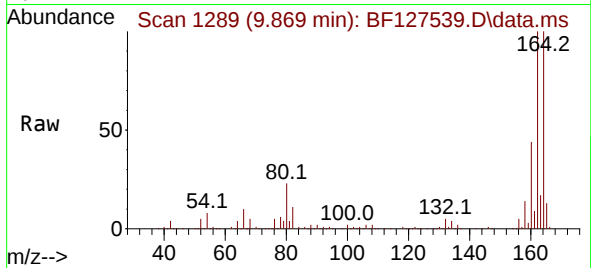




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127539.D
Acq: 28 Mar 2022 13:36

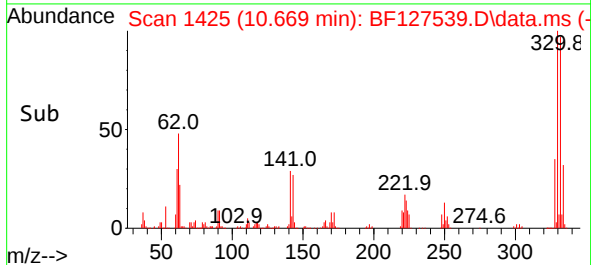
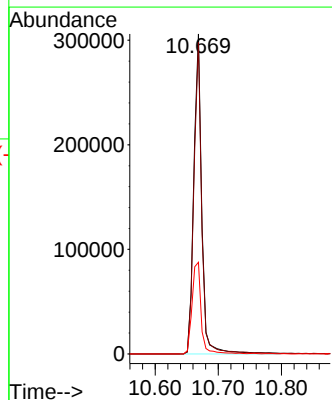
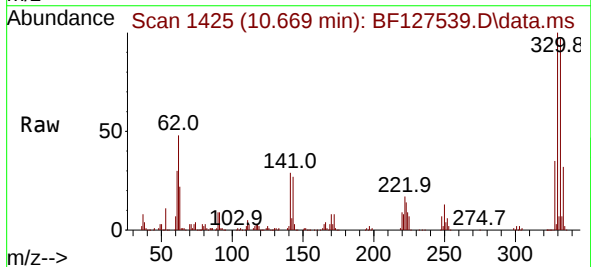
Instrument :
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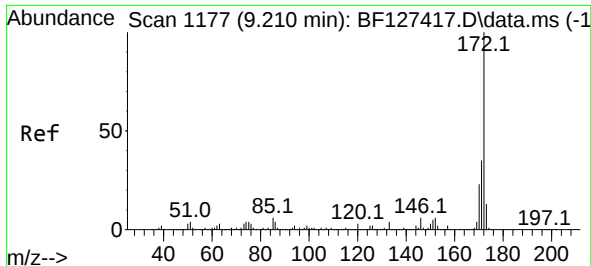
Tgt Ion:164 Resp: 212490
Ion Ratio Lower Upper
164 100
162 99.5 81.2 121.8
160 43.7 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 118.803 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127539.D
Acq: 28 Mar 2022 13:36

Tgt Ion:330 Resp: 268918
Ion Ratio Lower Upper
330 100
332 96.7 79.1 118.7
141 32.8 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 84.894 ng

RT: 9.192 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127539.D

Acq: 28 Mar 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB143589TB

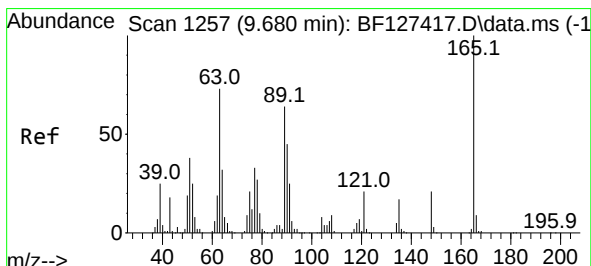
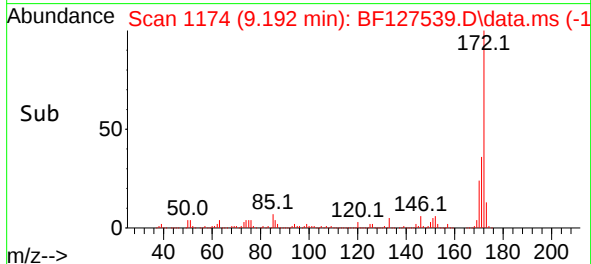
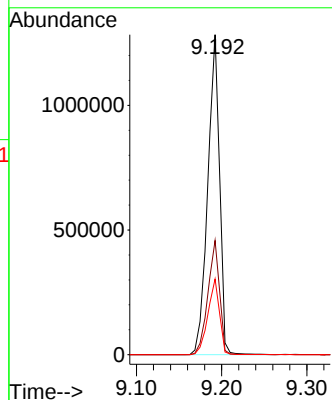
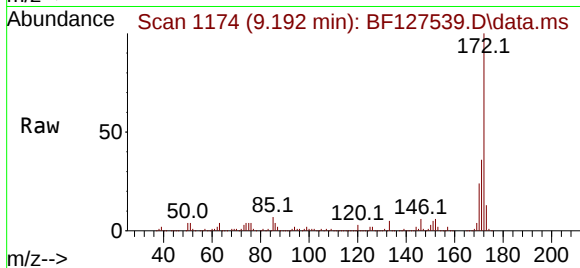
Tgt Ion:172 Resp: 1235358

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.061 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127539.D

Acq: 28 Mar 2022 13:36

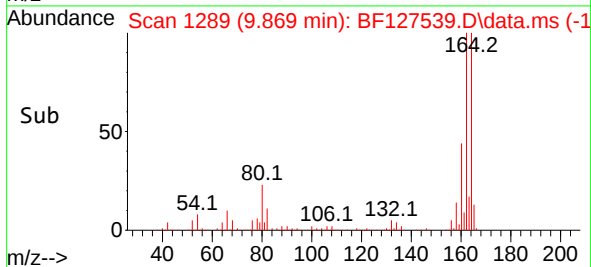
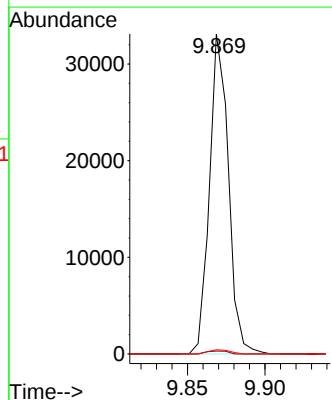
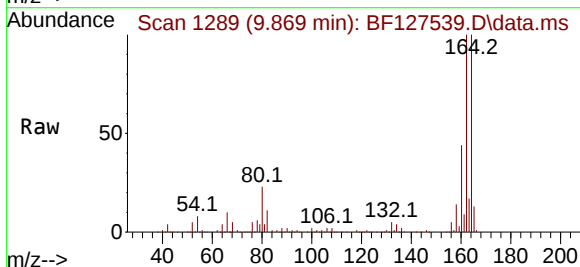
Tgt Ion:165 Resp: 28117

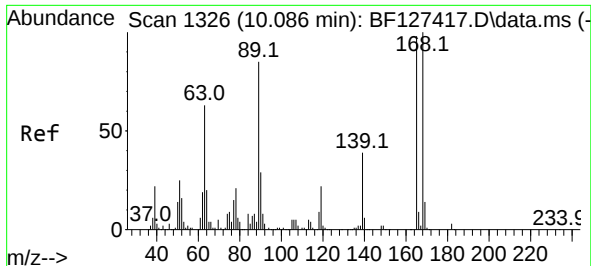
Ion Ratio Lower Upper

165 100

63 0.9 58.3 87.5#

89 1.3 51.5 77.3#

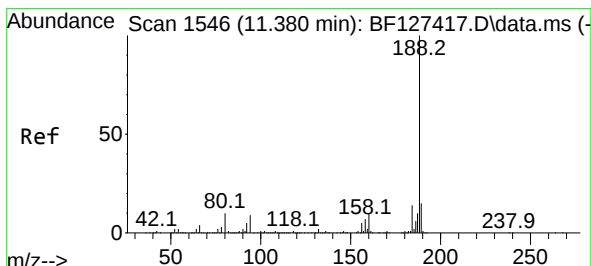
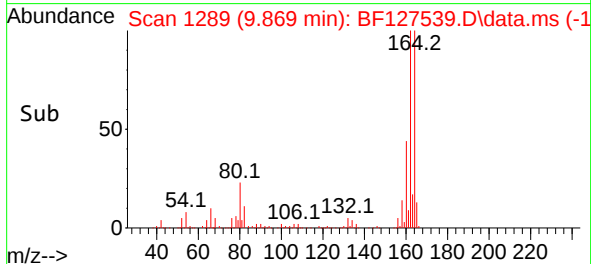
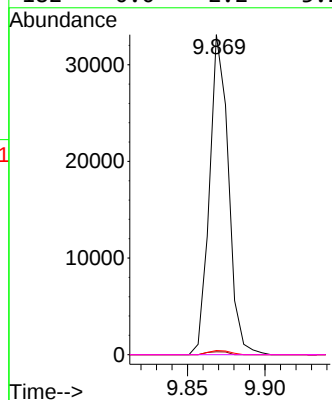
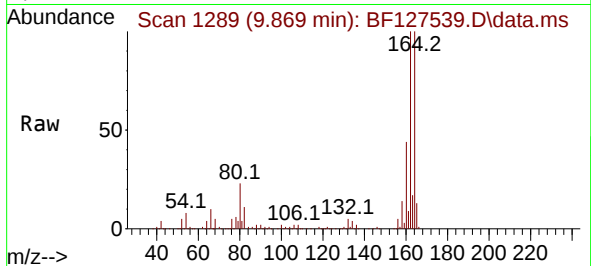




#57
2,4-Dinitrotoluene
Concen: 7.040 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127539.D
Acq: 28 Mar 2022 13:36

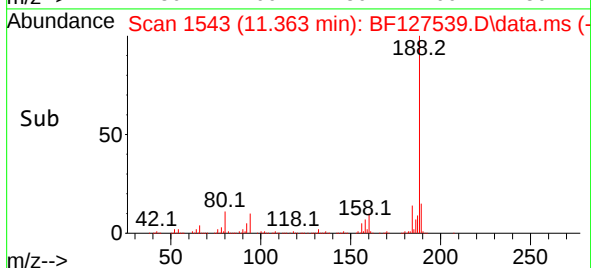
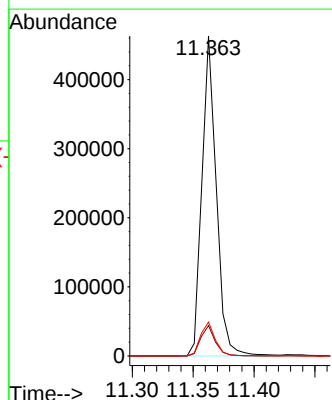
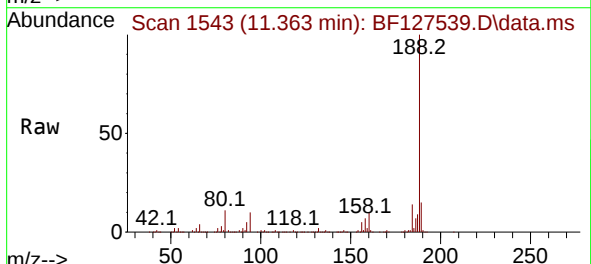
Instrument :
BNA_F
ClientSampleId :
PB143589TB

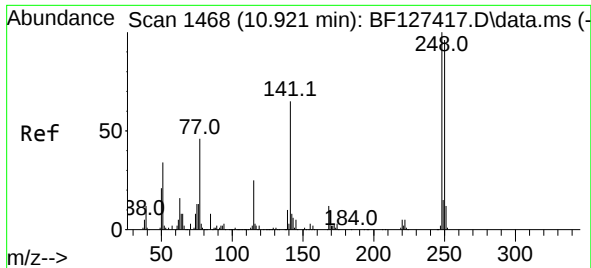
Tgt Ion:165 Resp: 28117
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127539.D
Acq: 28 Mar 2022 13:36

Tgt Ion:188 Resp: 381950
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.6 8.0 12.0

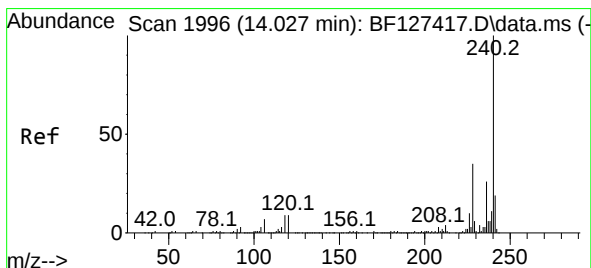
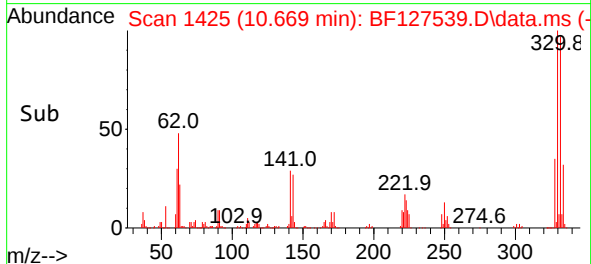
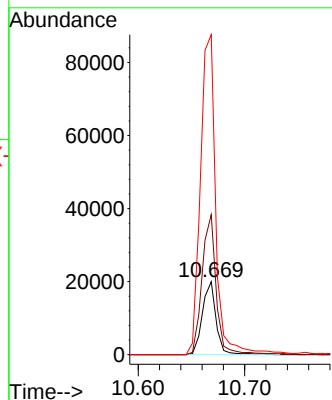
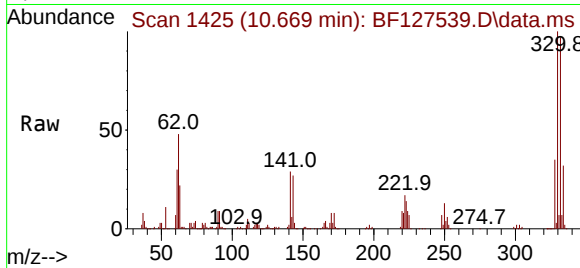




#67
4-Bromophenyl-phenylether
Concen: 4.048 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127539.D
Acq: 28 Mar 2022 13:36

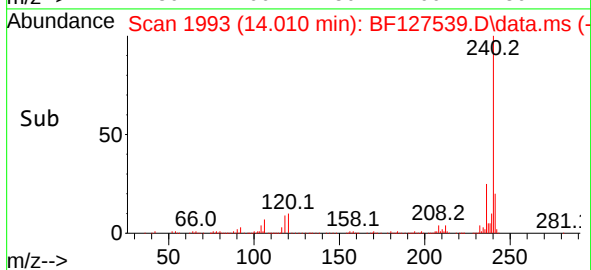
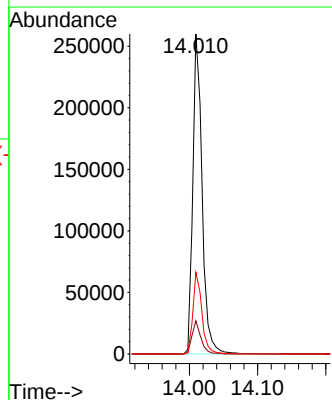
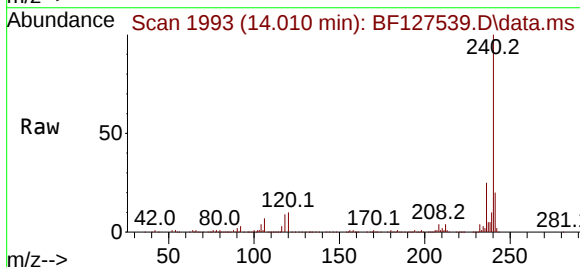
Instrument :
BNA_F
ClientSampleId :
PB143589TB

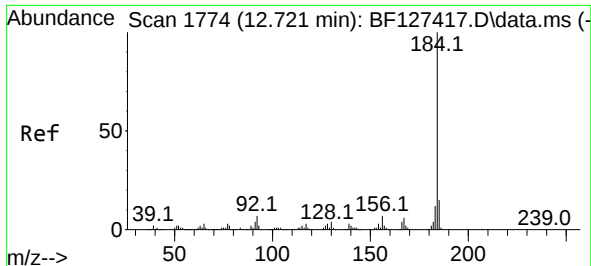
Tgt Ion:248 Resp: 18053
Ion Ratio Lower Upper
248 100
250 191.8 76.6 115.0#
141 438.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127539.D
Acq: 28 Mar 2022 13:36

Tgt Ion:240 Resp: 243903
Ion Ratio Lower Upper
240 100
120 10.3 7.1 10.7
236 25.5 20.7 31.1

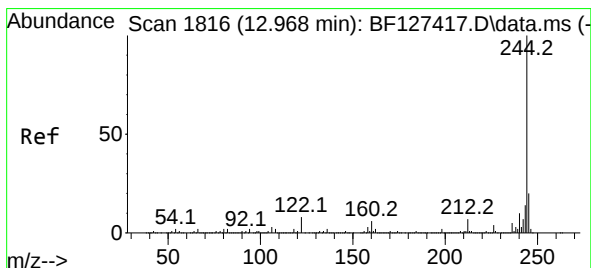
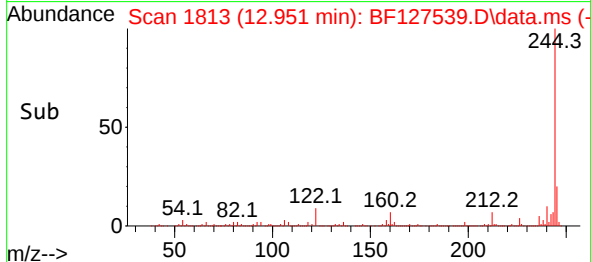
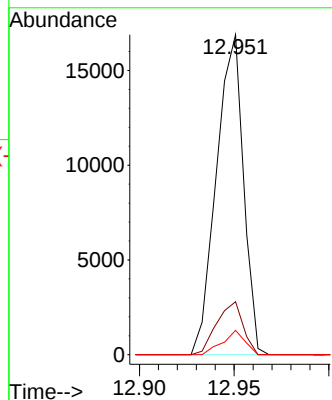
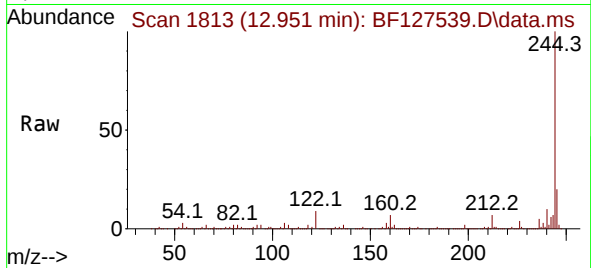




#77
Benzidine
Concen: 2.882 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127539.D
Acq: 28 Mar 2022 13:36

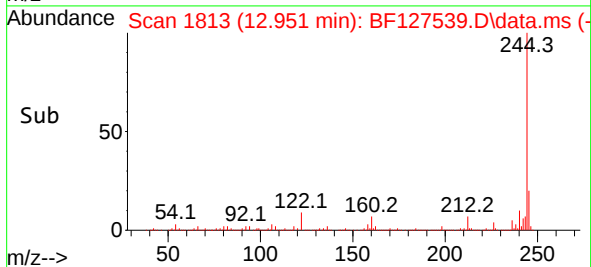
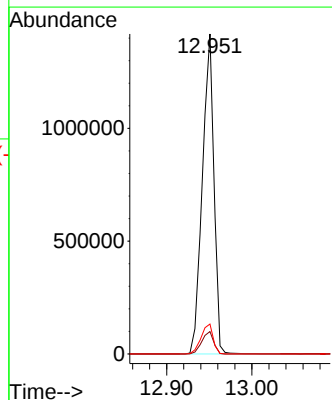
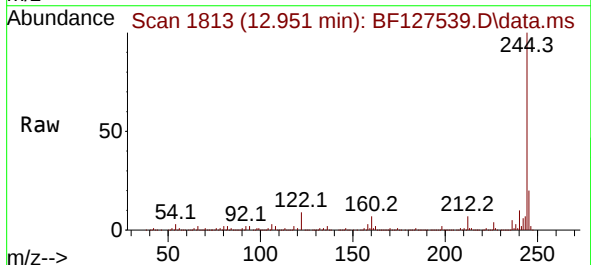
Instrument :
BNA_F
ClientSampleId :
PB143589TB

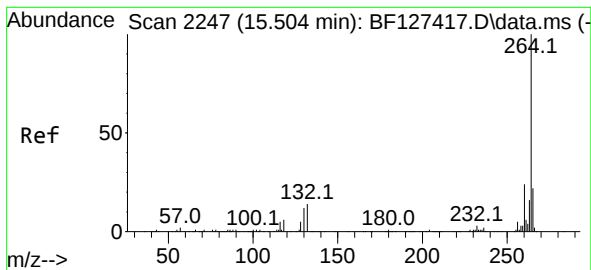
Tgt Ion:184 Resp: 16763
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.2
183 7.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 89.843 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127539.D
Acq: 28 Mar 2022 13:36

Tgt Ion:244 Resp: 1338585
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.3 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127539.D
Acq: 28 Mar 2022 13:36

Instrument :
BNA_F
ClientSampleId :
PB143589TB

Tgt Ion:264 Resp: 190997
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.3 17.4 26.2

