

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127544.D
 Acq On : 28 Mar 2022 16:12
 Operator : CG\JU
 Sample : PB143589TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143610BL

Quant Time: Mar 29 07:16:18 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)

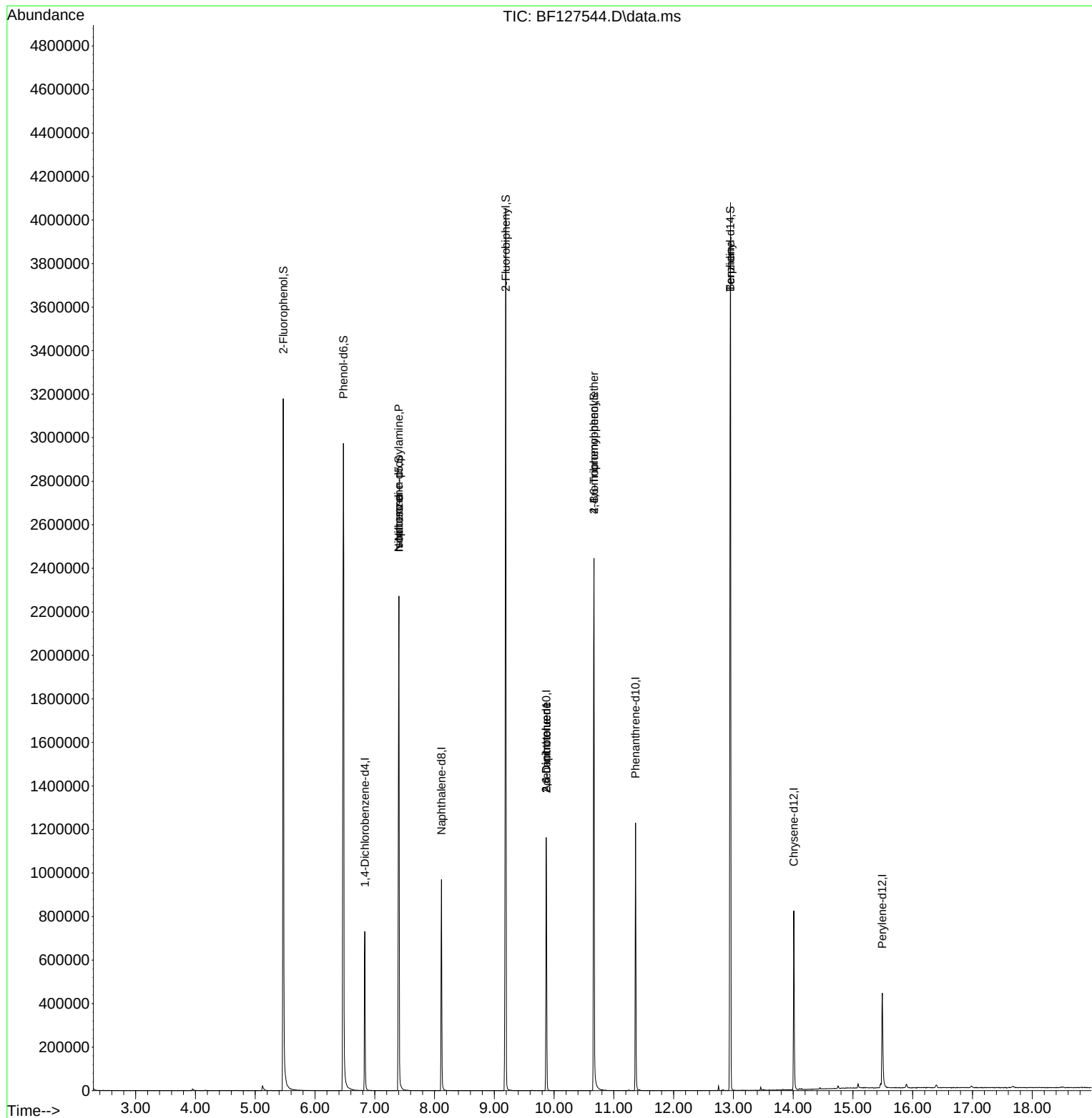
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	106868	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	402244	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	235154	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	421066	20.000	ng	0.00
76) Chrysene-d12	14.010	240	285240	20.000	ng	0.00
86) Perylene-d12	15.492	264	214590	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	838516	125.244	ng	0.01
7) Phenol-d6	6.475	99	1155541	126.266	ng	0.00
23) Nitrobenzene-d5	7.404	82	788633	83.807	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	305269	121.864	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1319209	81.919	ng	0.00
79) Terphenyl-d14	12.951	244	1506574	86.464	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1767	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	107812	19.653	ng	# 81
25) Isophorone	7.404	82	788627	52.618	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	29000	8.445	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	29000	6.561	ng	# 14
58) Fluorene	10.669	166	10787	Below Cal	#	71
67) 4-Bromophenyl-phenylether	10.669	248	19371	3.940	ng	# 1
77) Benzidine	12.951	184	18258	2.685	ng	# 95

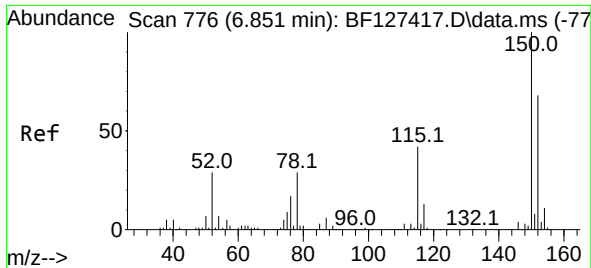
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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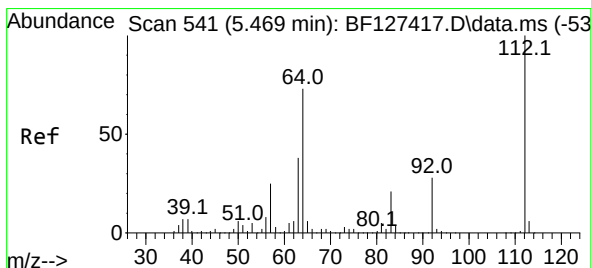
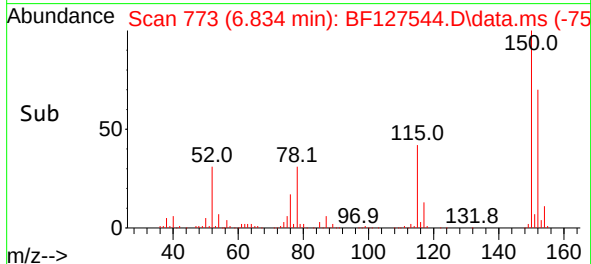
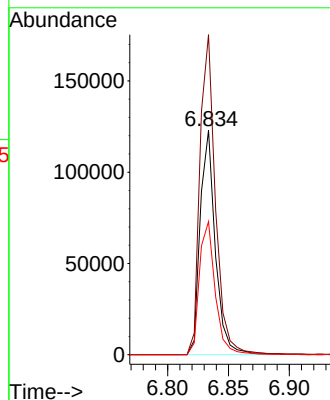
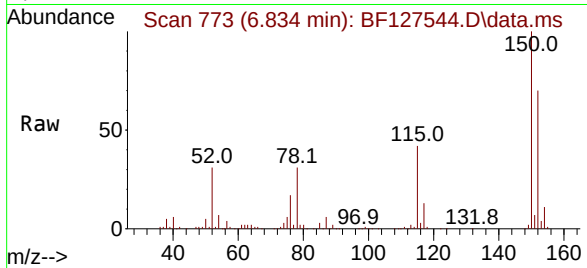




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127544.D
Acq: 28 Mar 2022 16:12

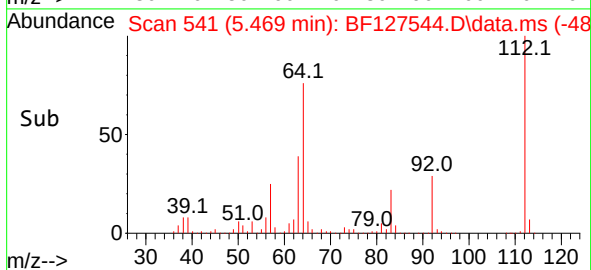
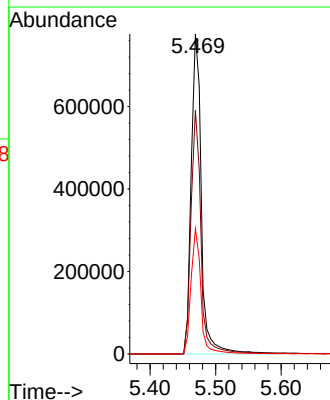
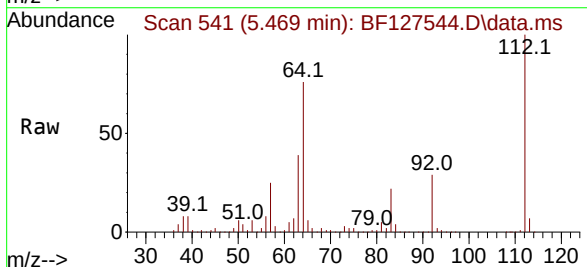
Instrument :
BNA_F
ClientSampleId :
PB143610BL

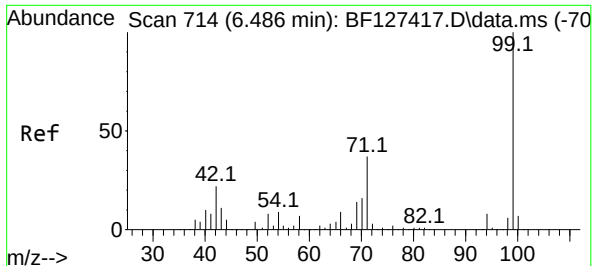
Tgt Ion:152 Resp: 106868
Ion Ratio Lower Upper
152 100
150 142.7 117.2 175.8
115 59.4 49.8 74.6



#5
2-Fluorophenol
Concen: 125.244 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127544.D
Acq: 28 Mar 2022 16:12

Tgt Ion:112 Resp: 838516
Ion Ratio Lower Upper
112 100
64 76.1 58.4 87.6
63 39.1 30.1 45.1

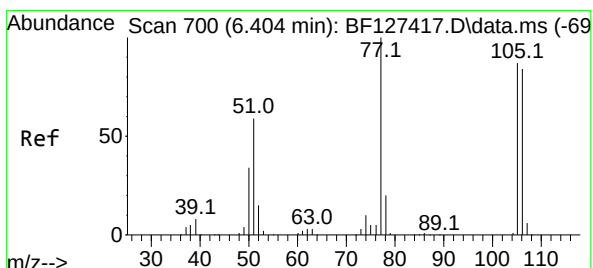
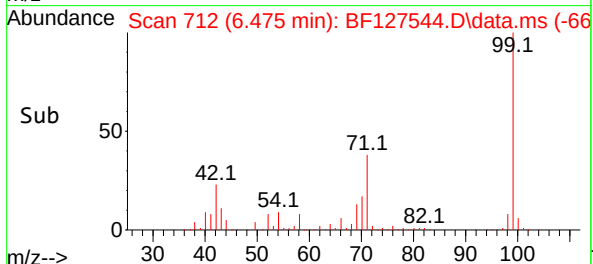
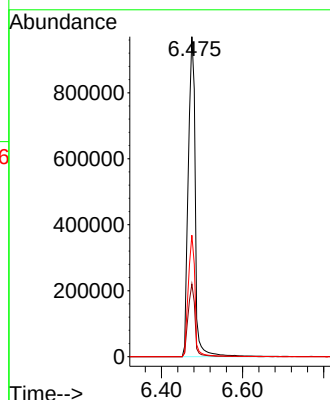
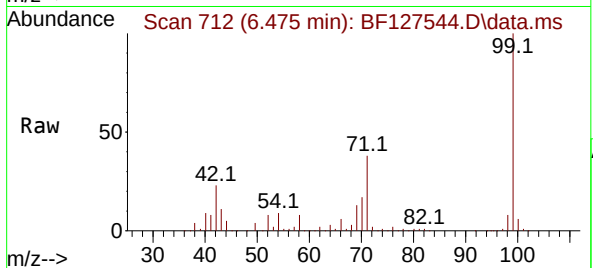




#7
Phenol-d6
Concen: 126.266 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127544.D
Acq: 28 Mar 2022 16:12

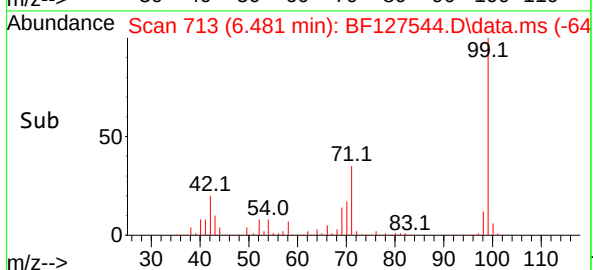
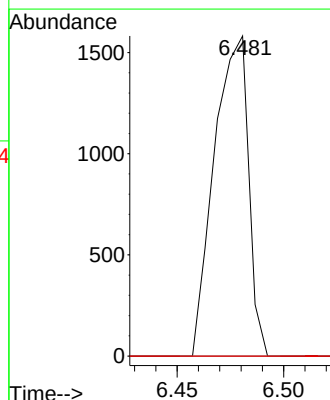
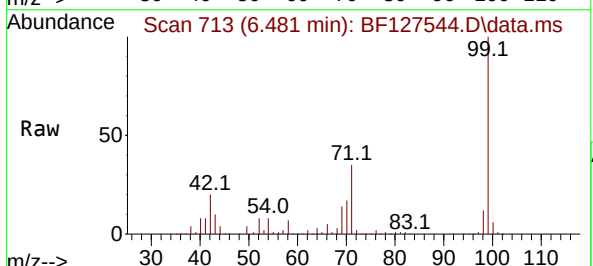
Instrument :
BNA_F
ClientSampleId :
PB143610BL

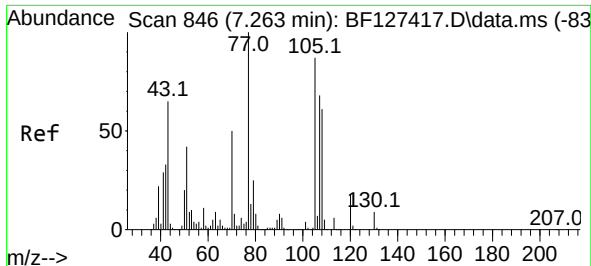
Tgt Ion: 99 Resp: 1155541
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.6
71 38.0 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.088 min
Lab File: BF127544.D
Acq: 28 Mar 2022 16:12

Tgt Ion: 77 Resp: 1767
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: 19.653 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127544.D

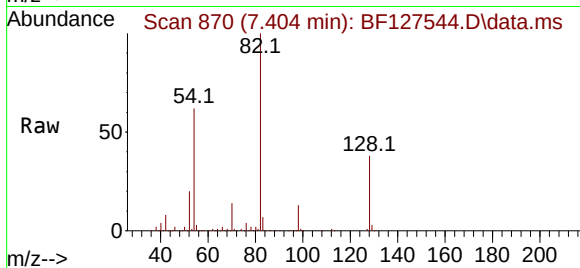
Acq: 28 Mar 2022 16:12

Instrument :

BNA_F

ClientSampleId :

PB143610BL



Tgt Ion: 70 Resp: 107812

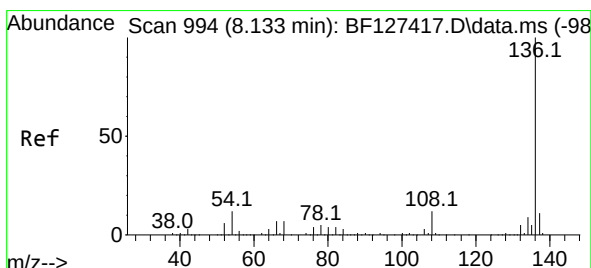
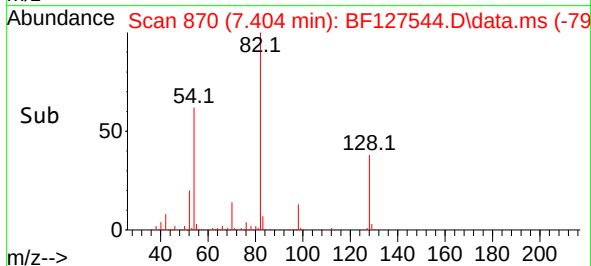
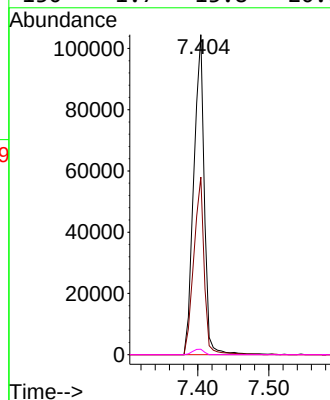
Ion Ratio Lower Upper

70 100

42 55.5 53.0 79.6

101 0.0 6.8 10.2#

130 1.7 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: BF127544.D

Acq: 28 Mar 2022 16:12

Tgt Ion: 136 Resp: 402244

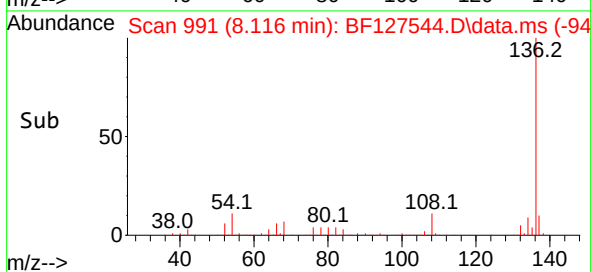
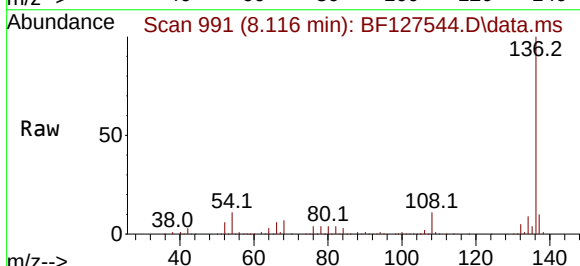
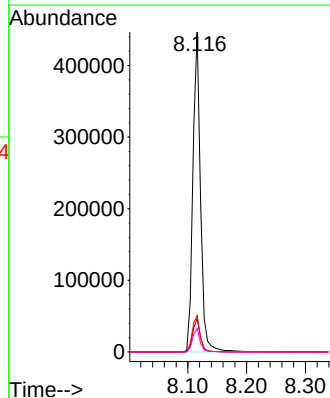
Ion Ratio Lower Upper

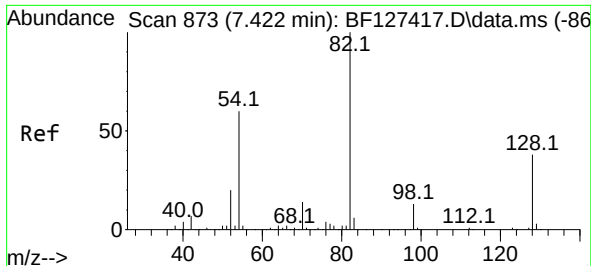
136 100

137 10.4 8.6 13.0

54 11.4 9.2 13.8

68 7.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 83.807 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127544.D

Acq: 28 Mar 2022 16:12

Instrument :

BNA_F

ClientSampleId :

PB143610BL

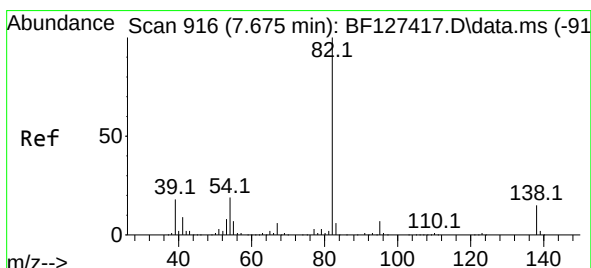
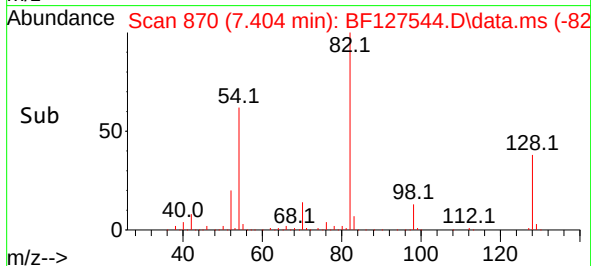
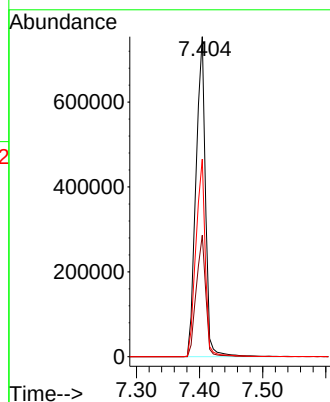
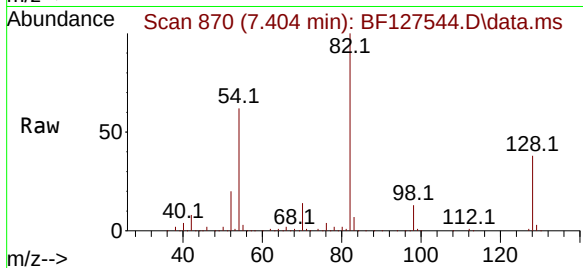
Tgt Ion: 82 Resp: 788633

Ion Ratio Lower Upper

82 100

128 38.0 30.6 45.8

54 61.7 48.2 72.2



#25

Isophorone

Concen: 52.618 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127544.D

Acq: 28 Mar 2022 16:12

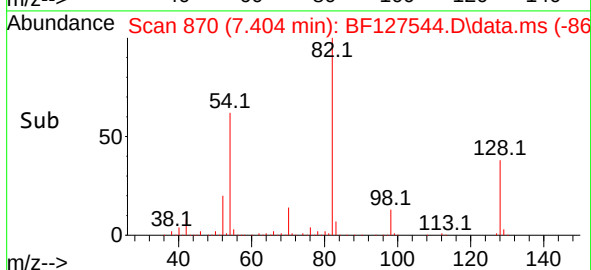
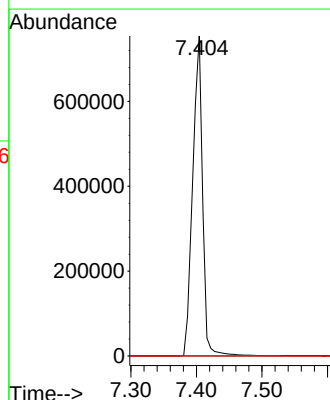
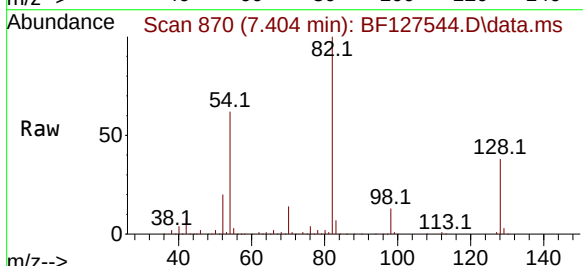
Tgt Ion: 82 Resp: 788627

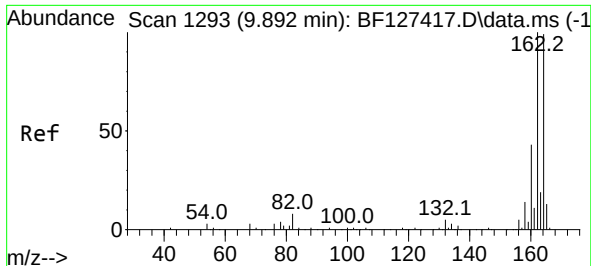
Ion Ratio Lower Upper

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: BF127544.D

Acq: 28 Mar 2022 16:12

Instrument :

BNA_F

ClientSampleId :

PB143610BL

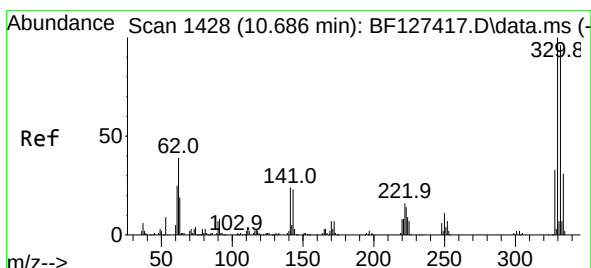
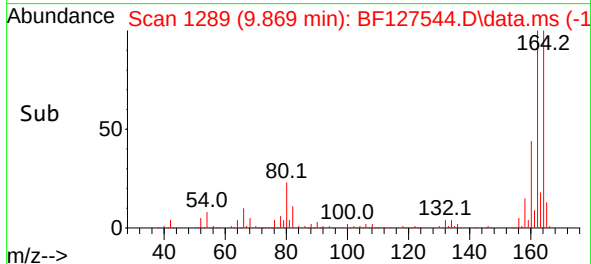
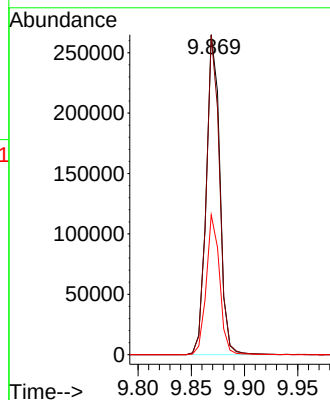
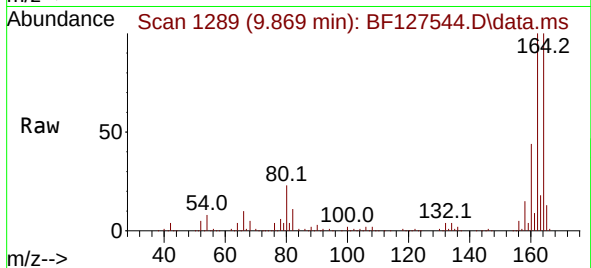
Tgt Ion:164 Resp: 235154

Ion Ratio Lower Upper

164 100

162 99.8 81.2 121.8

160 43.7 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 121.864 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127544.D

Acq: 28 Mar 2022 16:12

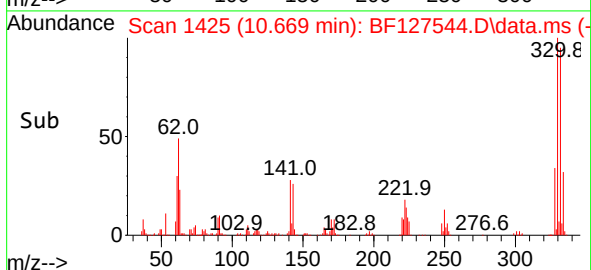
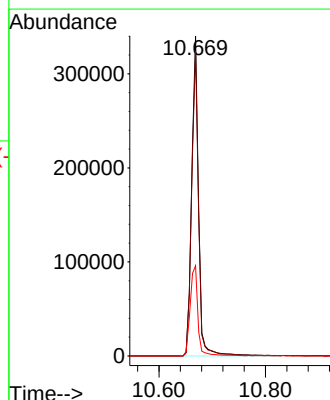
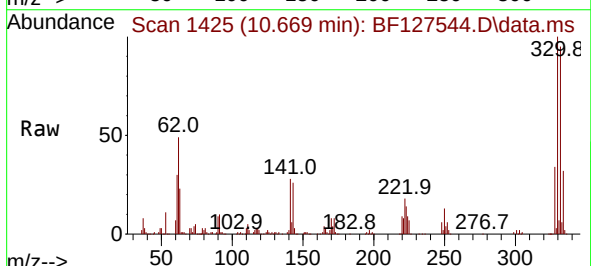
Tgt Ion:330 Resp: 305269

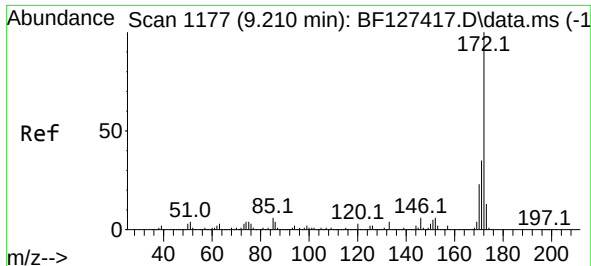
Ion Ratio Lower Upper

330 100

332 95.3 79.1 118.7

141 32.0 26.2 39.4

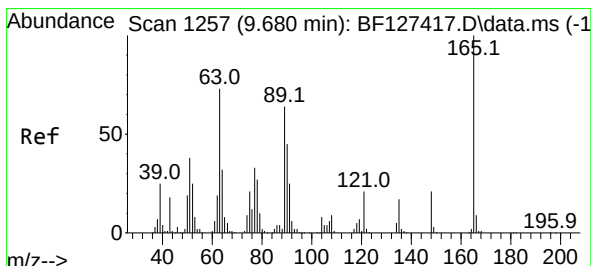
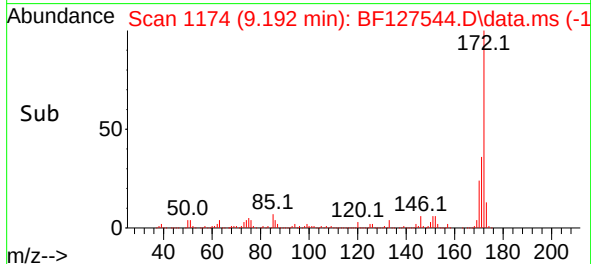
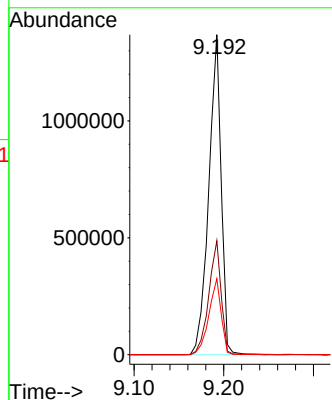
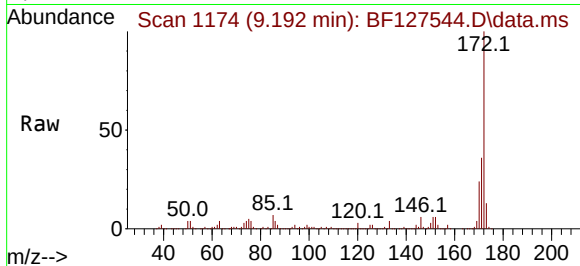




#45
2-Fluorobiphenyl
Concen: 81.919 ng
RT: 9.192 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127544.D
Acq: 28 Mar 2022 16:12

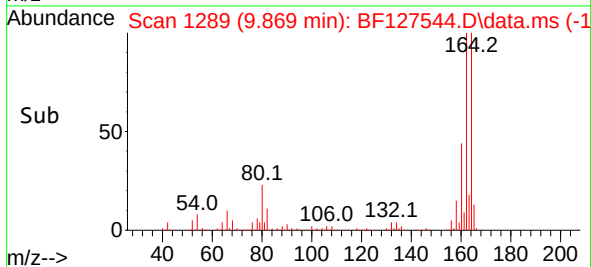
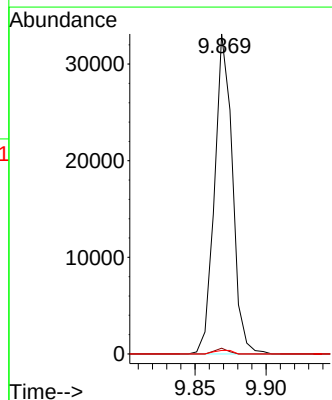
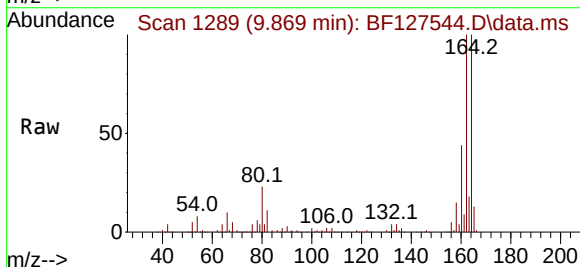
Instrument :
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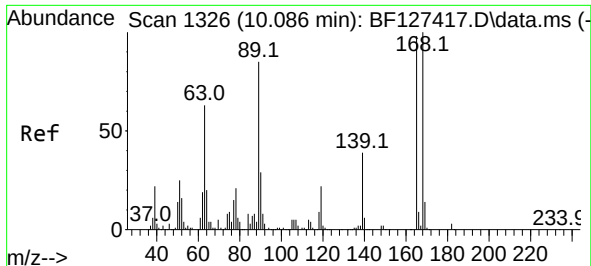
Tgt Ion:172 Resp: 1319209
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.445 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127544.D
Acq: 28 Mar 2022 16:12

Tgt Ion:165 Resp: 29000
Ion Ratio Lower Upper
165 100
63 1.8 58.3 87.5#
89 1.1 51.5 77.3#

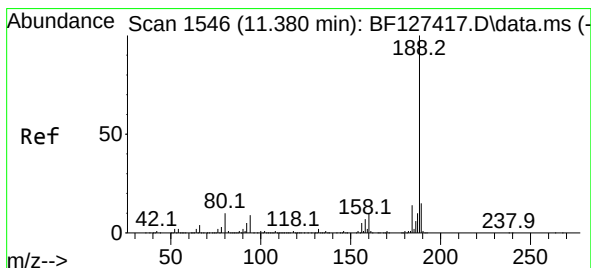
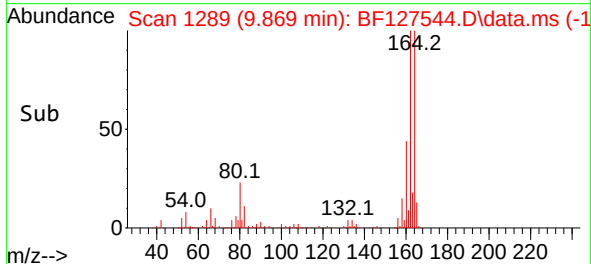
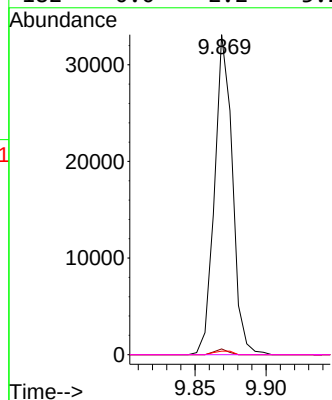
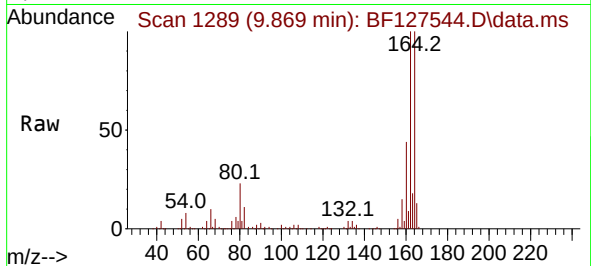




#57
2,4-Dinitrotoluene
Concen: 6.561 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127544.D
Acq: 28 Mar 2022 16:12

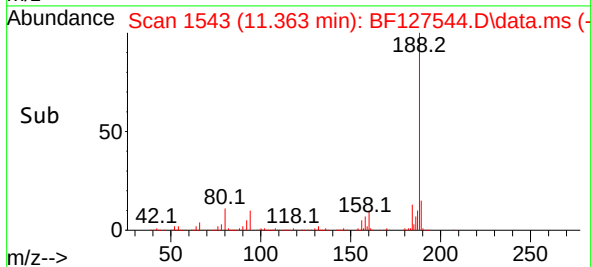
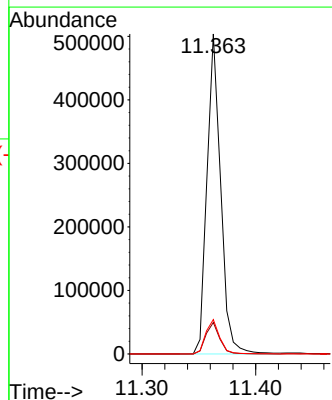
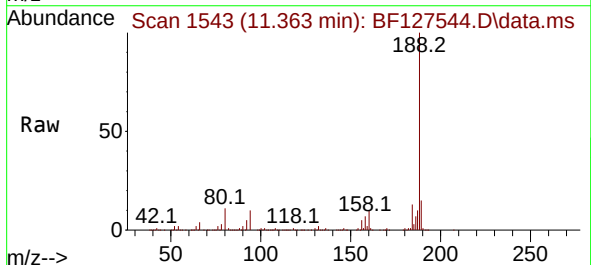
Instrument :
BNA_F
ClientSampleId :
PB143610BL

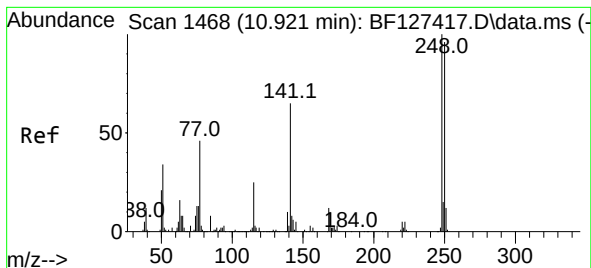
Tgt Ion:165 Resp: 29000
Ion Ratio Lower Upper
165 100
63 1.8 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127544.D
Acq: 28 Mar 2022 16:12

Tgt Ion:188 Resp: 421066
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 10.8 8.0 12.0

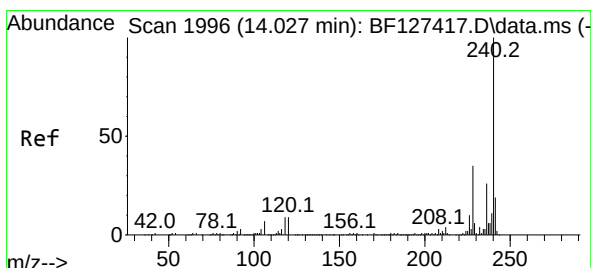
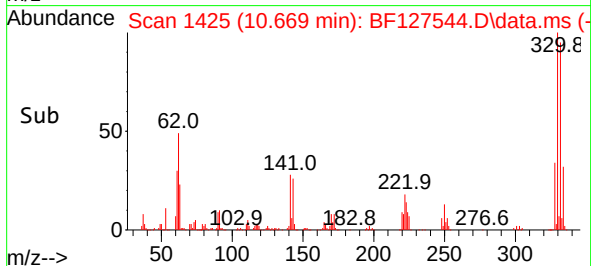
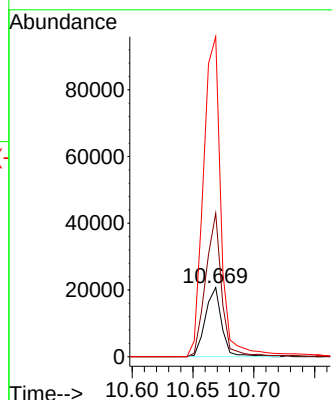
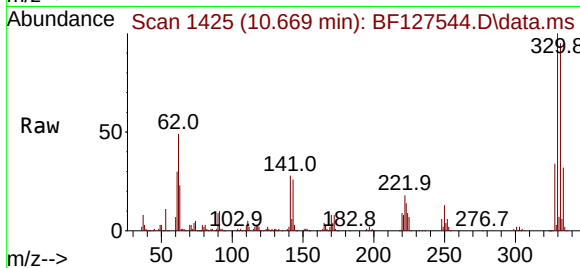




#67
4-Bromophenyl-phenylether
Concen: 3.940 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127544.D
Acq: 28 Mar 2022 16:12

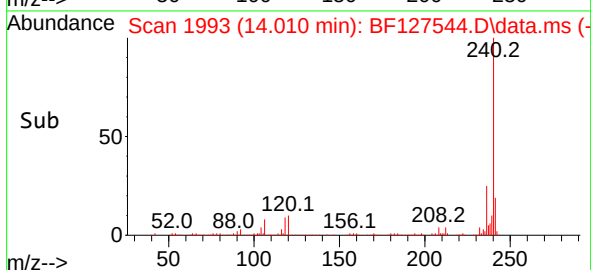
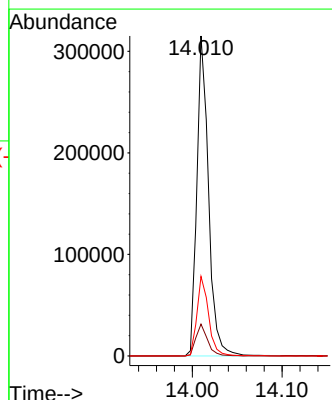
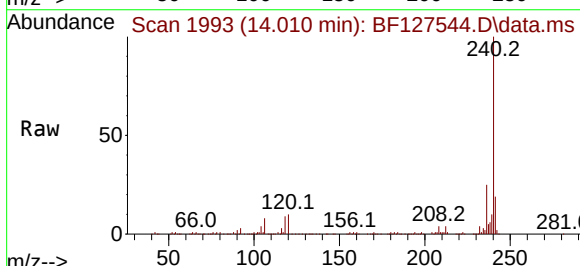
Instrument :
BNA_F
ClientSampleId :
PB143610BL

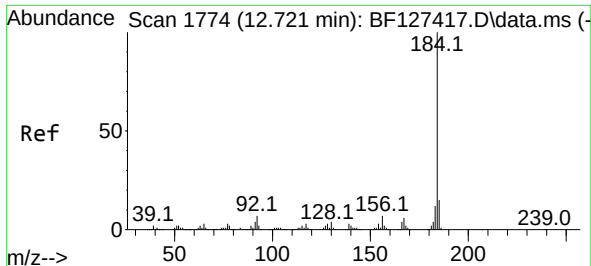
Tgt Ion:248 Resp: 19371
Ion Ratio Lower Upper
248 100
250 207.3 76.6 115.0#
141 462.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127544.D
Acq: 28 Mar 2022 16:12

Tgt Ion:240 Resp: 285240
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 24.9 20.7 31.1

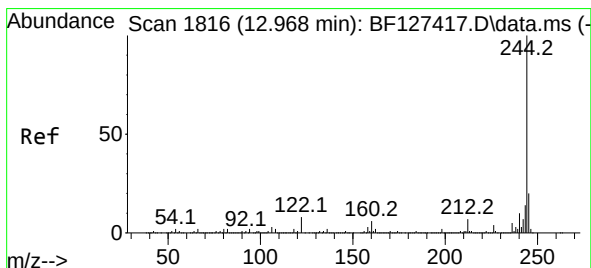
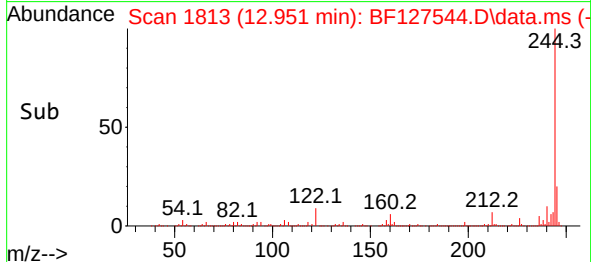
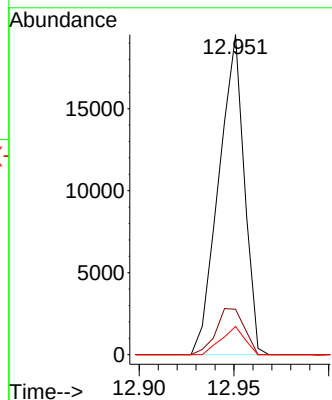
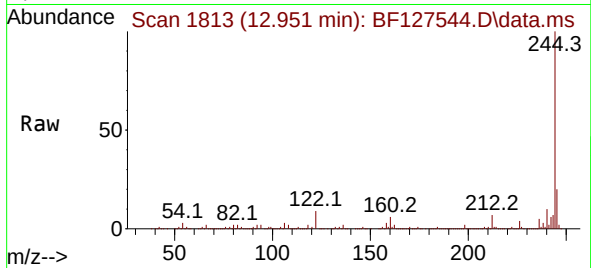




#77
Benzidine
Concen: 2.685 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127544.D
Acq: 28 Mar 2022 16:12

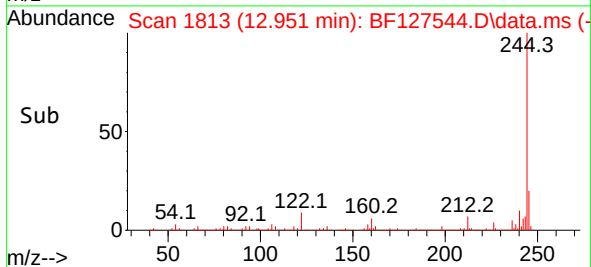
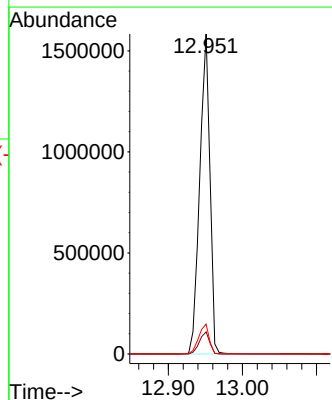
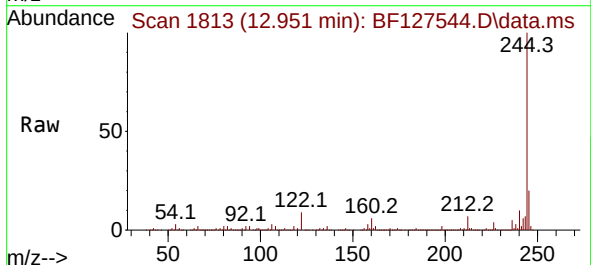
Instrument :
BNA_F
ClientSampleId :
PB143610BL

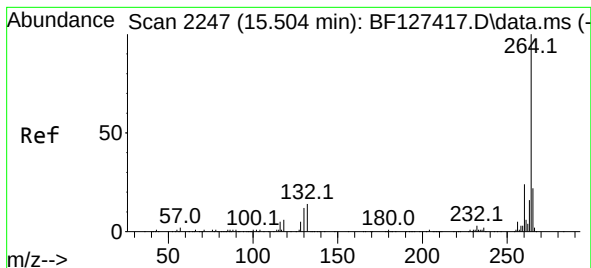
Tgt Ion:184 Resp: 18258
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 8.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 86.464 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127544.D
Acq: 28 Mar 2022 16:12

Tgt Ion:244 Resp: 1506574
Ion Ratio Lower Upper
244 100
212 6.9 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: BF127544.D

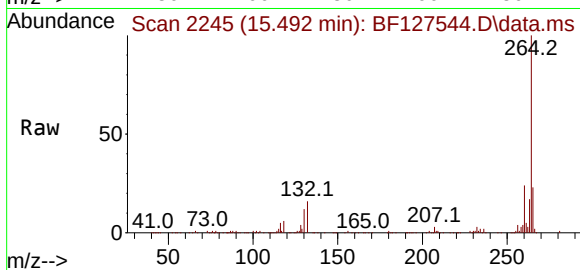
Acq: 28 Mar 2022 16:12

Instrument :

BNA_F

ClientSampleId :

PB143610BL



Tgt Ion:264 Resp: 214590

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 22.6 17.4 26.2

