

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127543.D
 Acq On : 28 Mar 2022 15:44
 Operator : CG\JU
 Sample : PB143603BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143603BL

Quant Time: Mar 29 07:16:12 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)

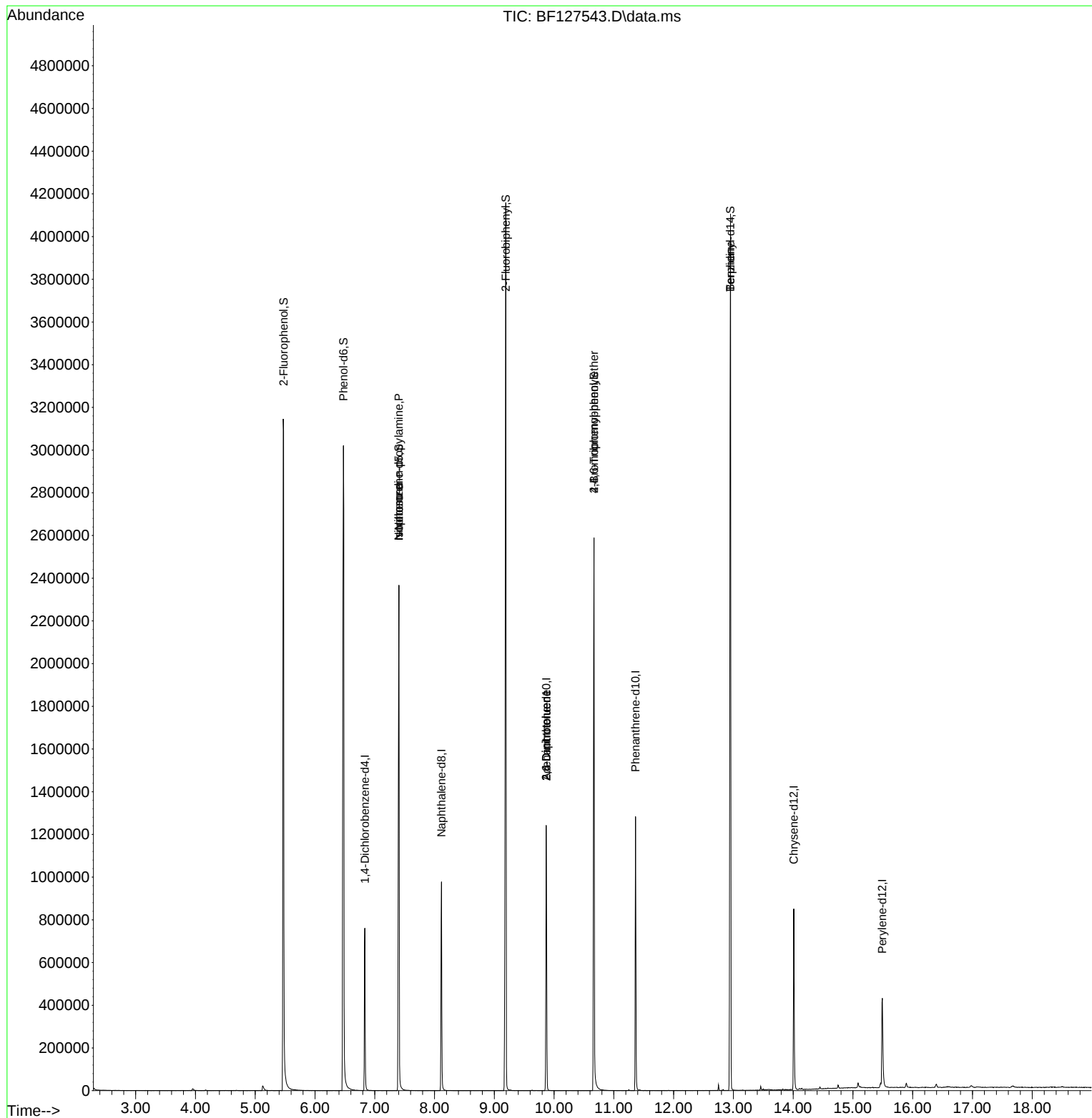
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	113827	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	430340	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	250436	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	431041	20.000	ng	0.00
76) Chrysene-d12	14.010	240	290232	20.000	ng	0.00
86) Perylene-d12	15.492	264	217860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	880817	123.519	ng	0.02
7) Phenol-d6	6.475	99	1218591	125.015	ng	0.00
23) Nitrobenzene-d5	7.404	82	845736	84.007	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	318666	119.450	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1416210	82.576	ng	0.00
79) Terphenyl-d14	12.951	244	1546990	87.256	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1789	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	114688	19.629	ng	# 79
25) Isophorone	7.404	82	845731	52.744	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	31792	8.693	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	31792	6.754	ng	# 14
58) Fluorene	10.669	166	12049	Below Cal	#	93
67) 4-Bromophenyl-phenylether	10.669	248	20715	4.116	ng	# 1
77) Benzidine	12.951	184	19377	2.800	ng	# 92

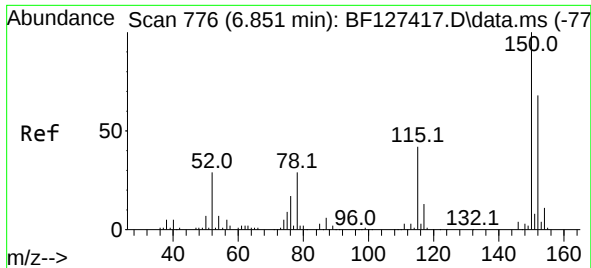
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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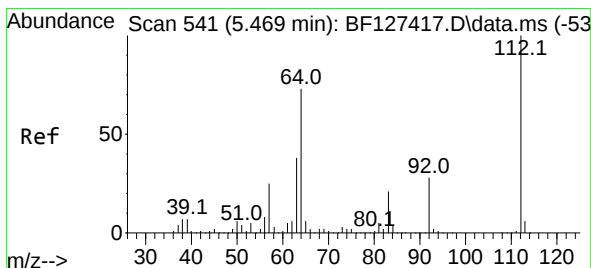
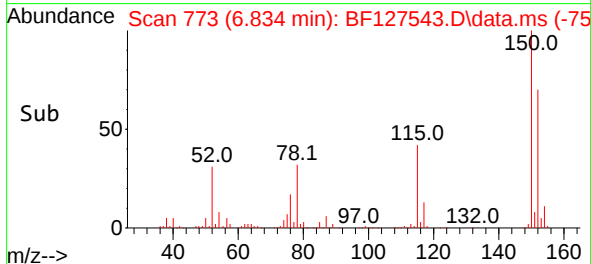
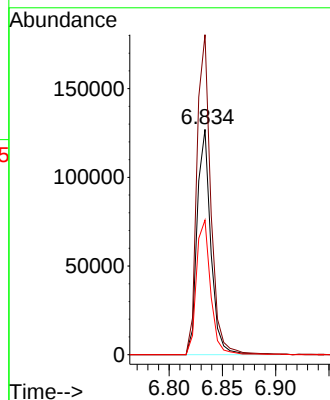
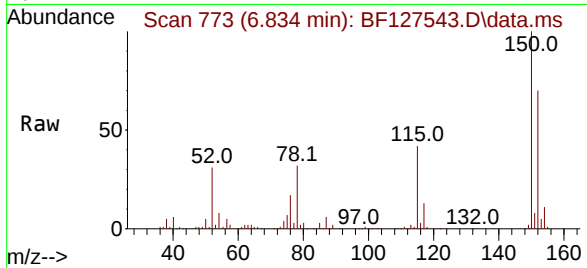




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

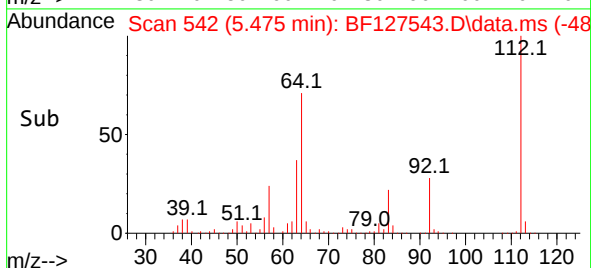
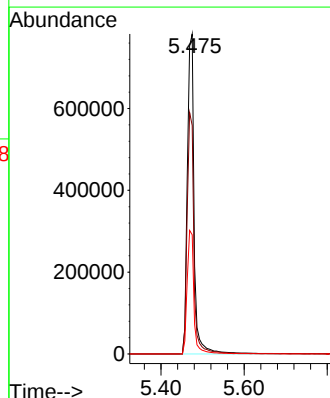
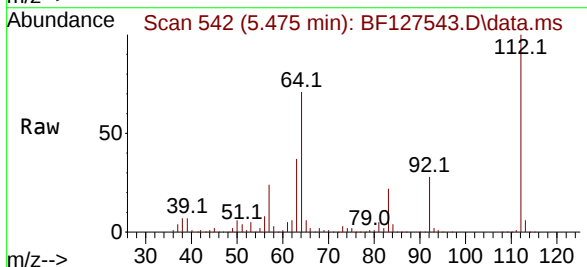
Instrument :
BNA_F
ClientSampleId :
PB143603BL

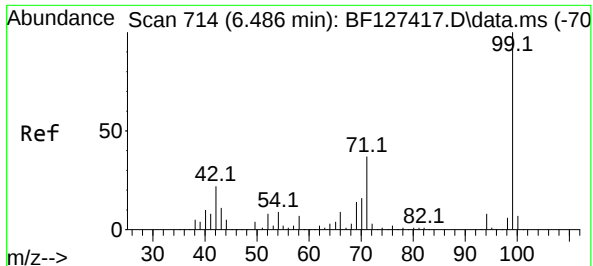
Tgt Ion:152 Resp: 113827
Ion Ratio Lower Upper
152 100
150 142.0 117.2 175.8
115 59.7 49.8 74.6



#5
2-Fluorophenol
Concen: 123.519 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.018 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

Tgt Ion:112 Resp: 880817
Ion Ratio Lower Upper
112 100
64 71.4 58.4 87.6
63 37.3 30.1 45.1

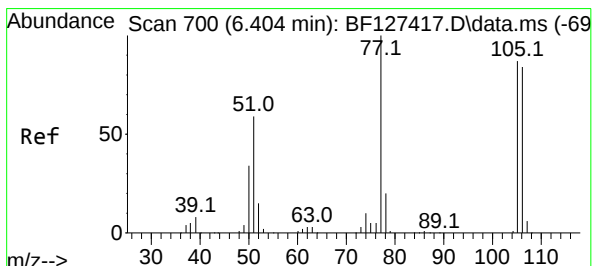
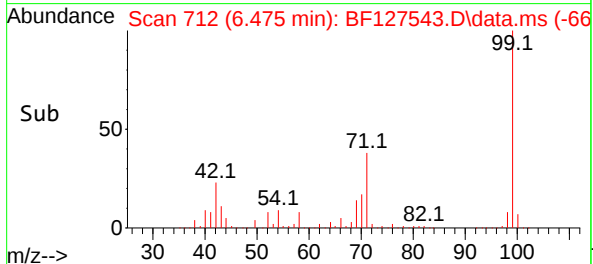
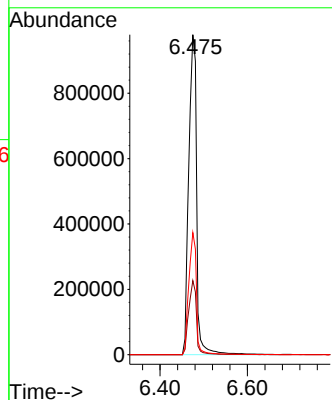
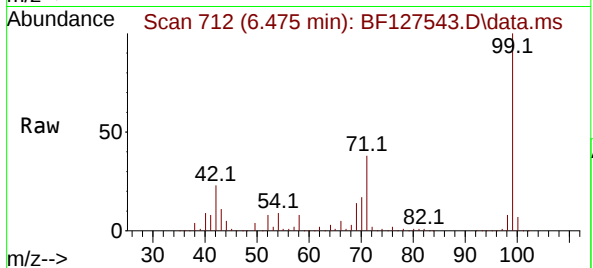




#7
Phenol-d6
Concen: 125.015 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

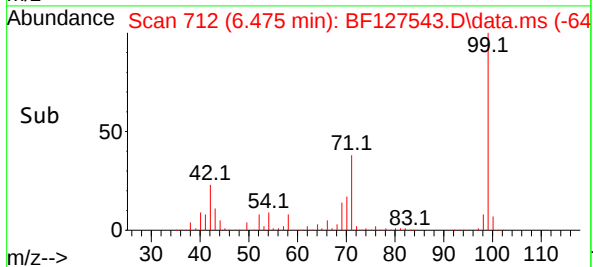
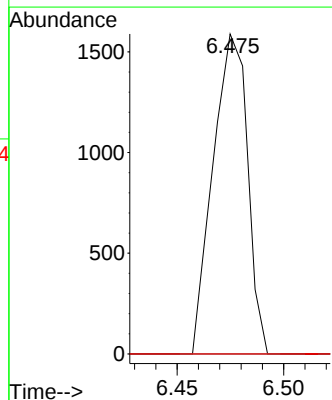
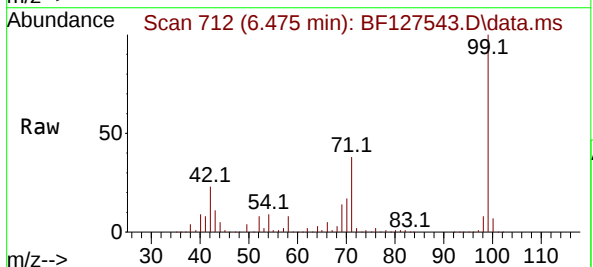
Instrument :
BNA_F
ClientSampleId :
PB143603BL

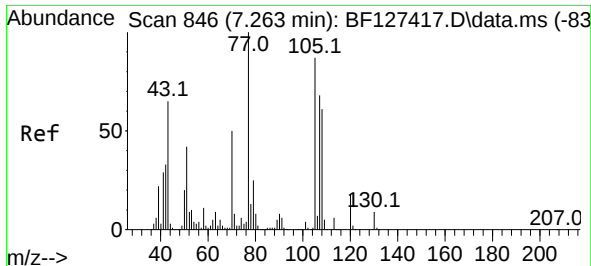
Tgt Ion: 99 Resp: 1218591
Ion Ratio Lower Upper
99 100
42 23.2 17.8 26.6
71 38.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.082 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

Tgt Ion: 77 Resp: 1789
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: 19.629 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127543.D

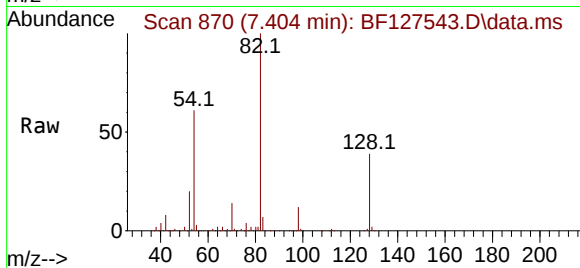
Acq: 28 Mar 2022 15:44

Instrument :

BNA_F

ClientSampleId :

PB143603BL



Tgt Ion: 70 Resp: 114688

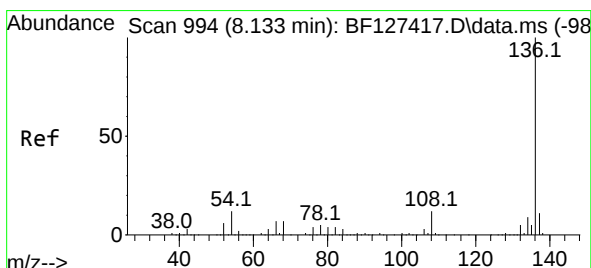
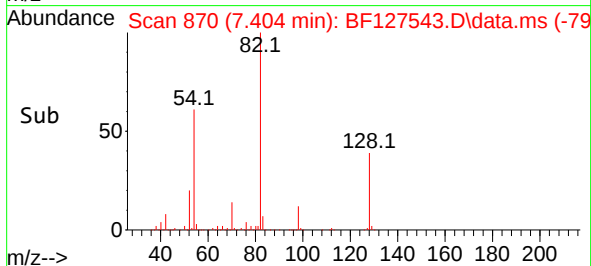
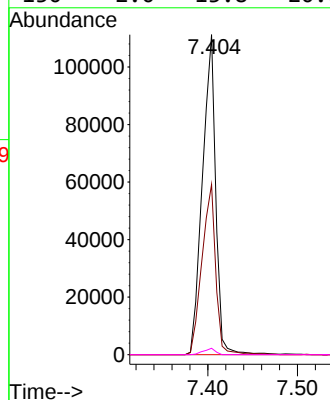
Ion Ratio Lower Upper

70 100

42 53.2 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: BF127543.D

Acq: 28 Mar 2022 15:44

Tgt Ion: 136 Resp: 430340

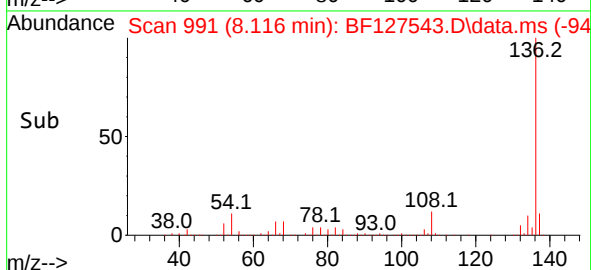
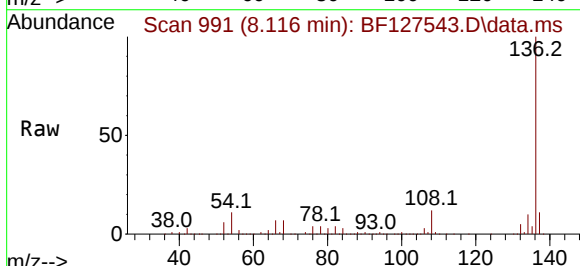
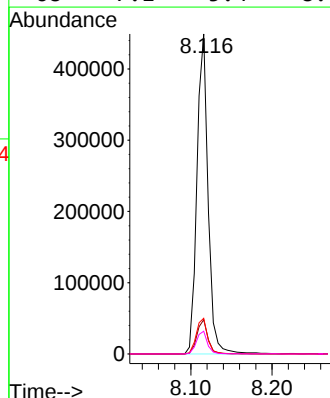
Ion Ratio Lower Upper

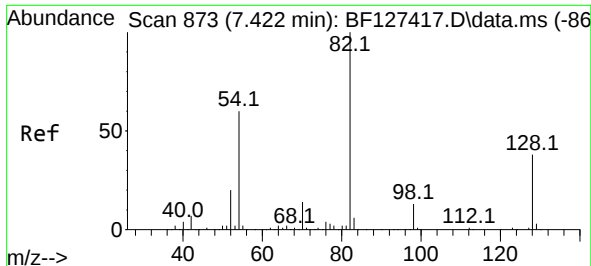
136 100

137 10.7 8.6 13.0

54 11.1 9.2 13.8

68 7.1 5.4 8.0

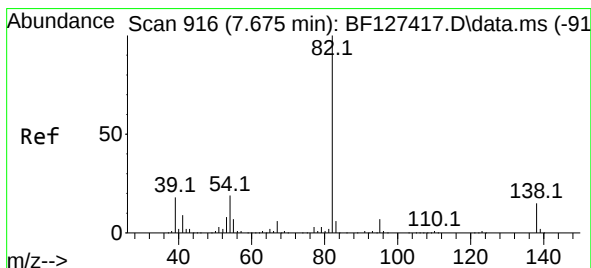
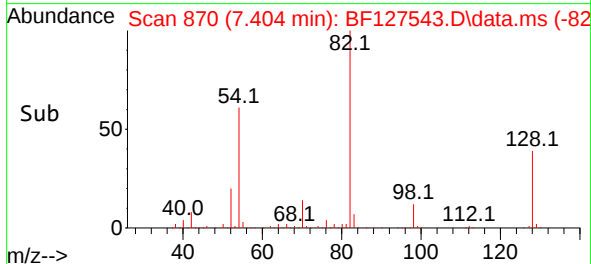
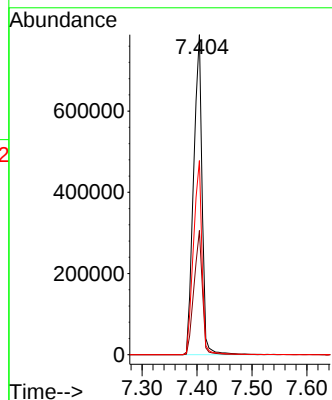
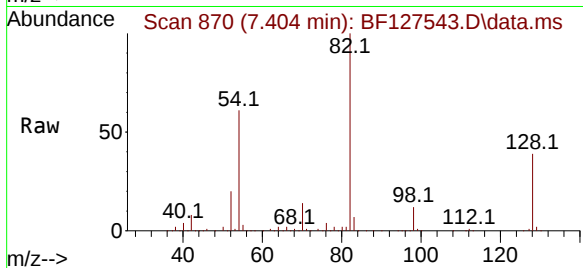




#23
Nitrobenzene-d5
Concen: 84.007 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

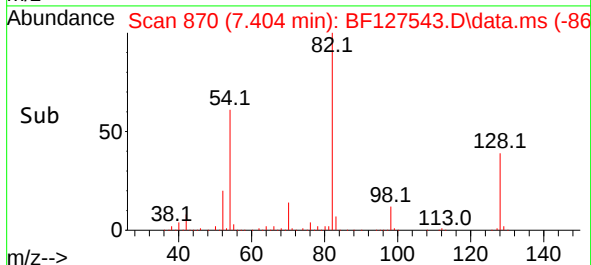
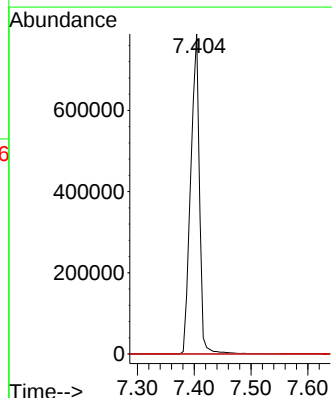
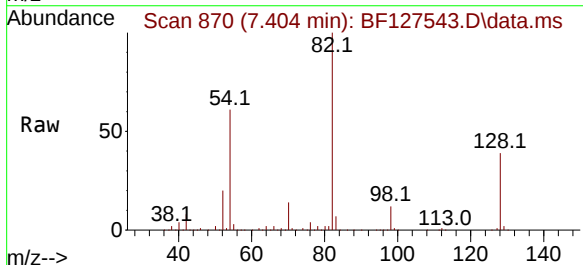
Instrument :
BNA_F
ClientSampleId :
PB143603BL

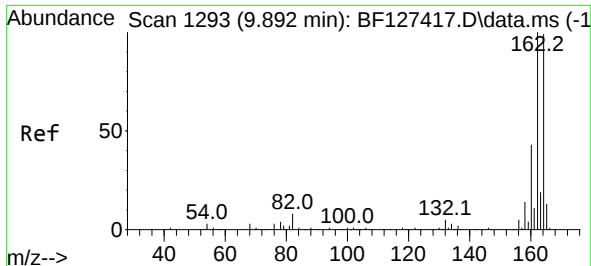
Tgt Ion: 82 Resp: 845736
Ion Ratio Lower Upper
82 100
128 38.8 30.6 45.8
54 60.7 48.2 72.2



#25
Isophorone
Concen: 52.744 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

Tgt Ion: 82 Resp: 845731
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: BF127543.D

Acq: 28 Mar 2022 15:44

Instrument :

BNA_F

ClientSampleId :

PB143603BL

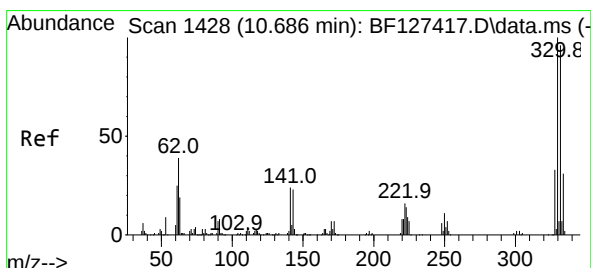
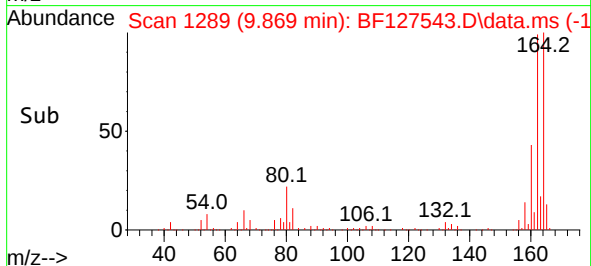
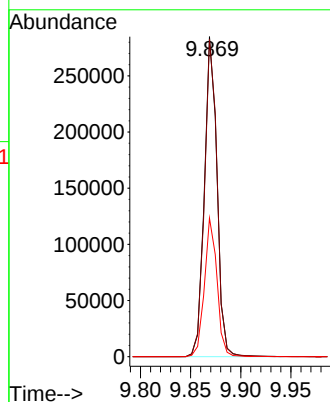
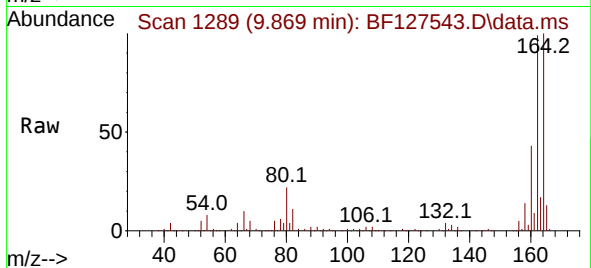
Tgt Ion:164 Resp: 250436

Ion Ratio Lower Upper

164 100

162 99.2 81.2 121.8

160 43.3 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 119.450 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127543.D

Acq: 28 Mar 2022 15:44

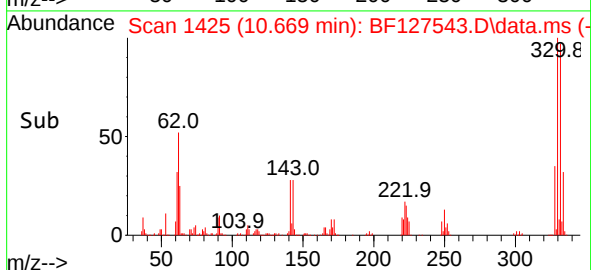
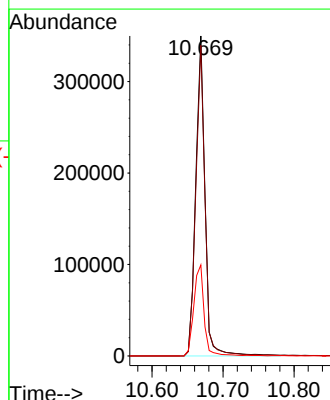
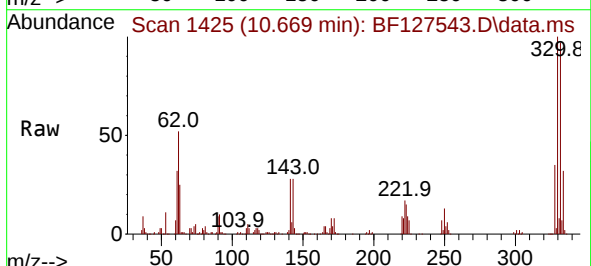
Tgt Ion:330 Resp: 318666

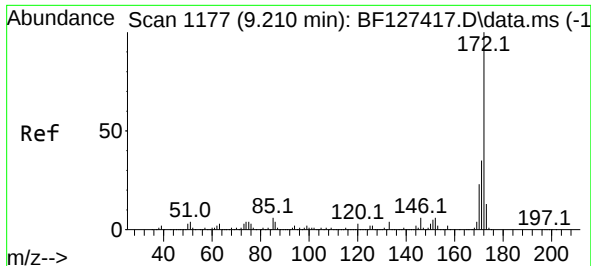
Ion Ratio Lower Upper

330 100

332 96.9 79.1 118.7

141 31.8 26.2 39.4

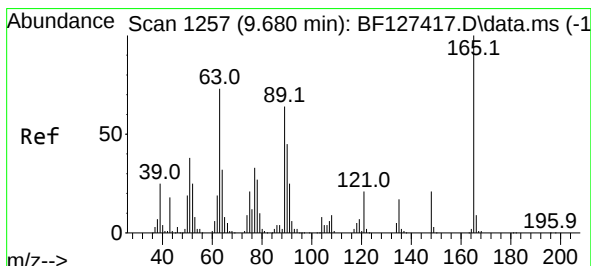
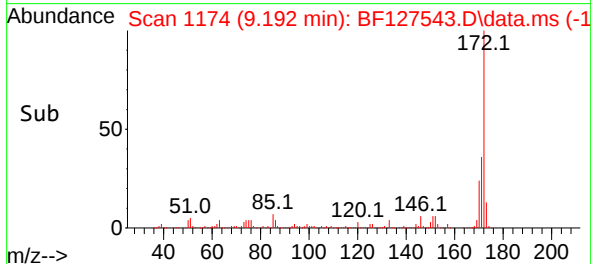
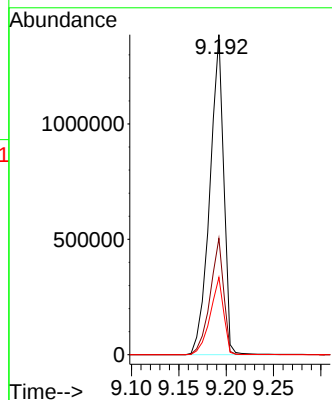
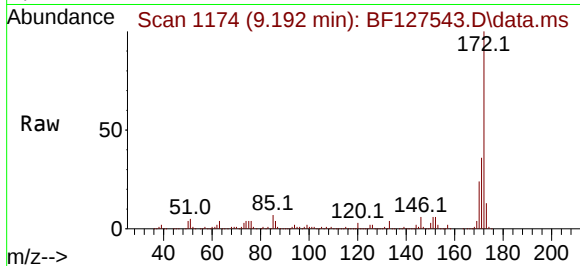




#45
2-Fluorobiphenyl
Concen: 82.576 ng
RT: 9.192 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

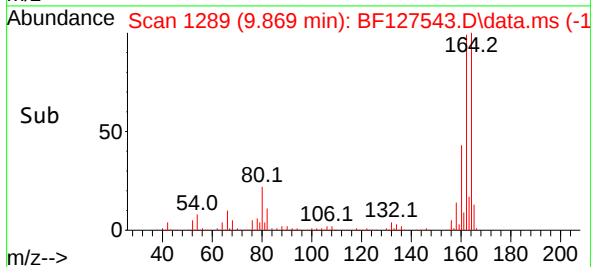
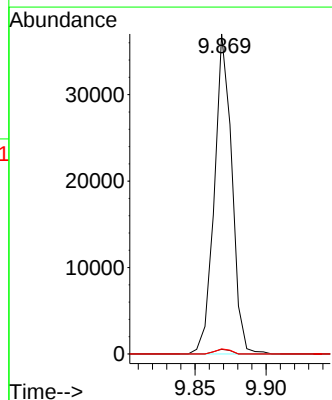
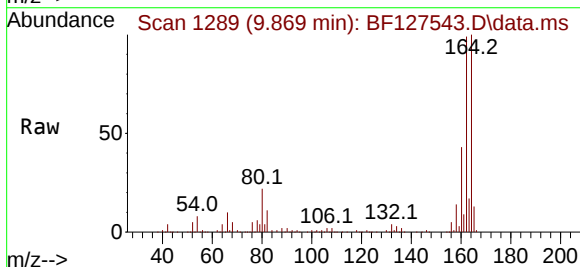
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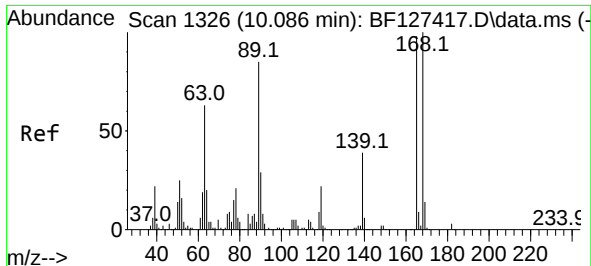
Tgt Ion:172 Resp: 1416210
Ion Ratio Lower Upper
172 100
171 36.3 28.4 42.6
170 24.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.693 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

Tgt Ion:165 Resp: 31792
Ion Ratio Lower Upper
165 100
63 1.5 58.3 87.5#
89 1.6 51.5 77.3#

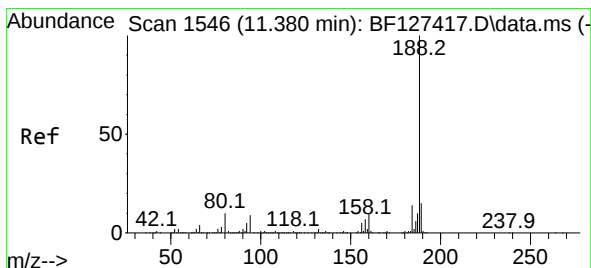
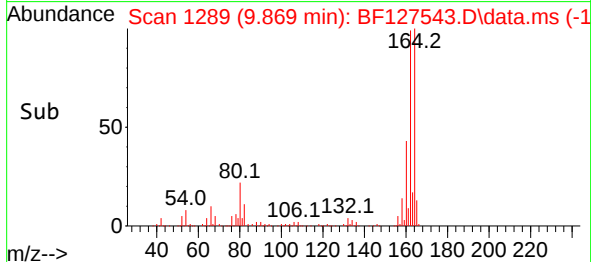
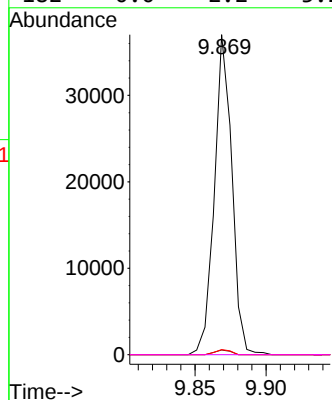
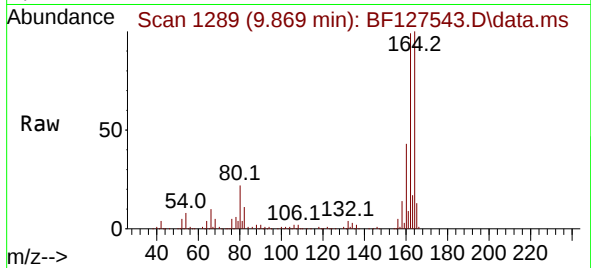




#57
2,4-Dinitrotoluene
Concen: 6.754 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

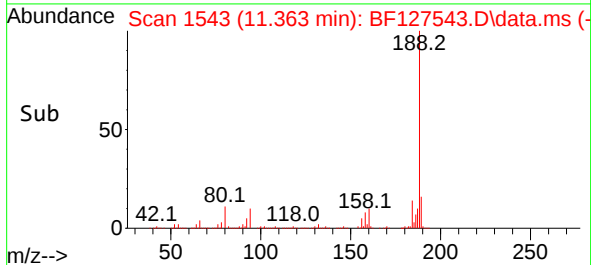
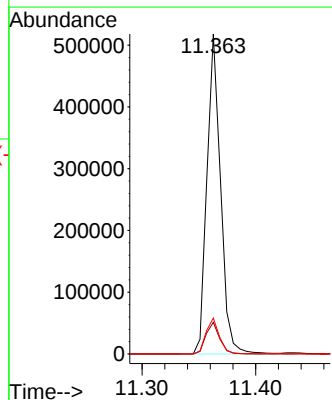
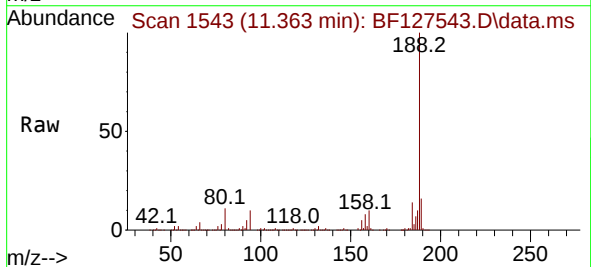
Instrument :
BNA_F
ClientSampleId :
PB143603BL

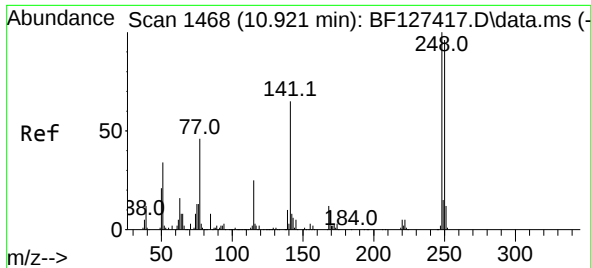
Tgt Ion:165 Resp: 31792
Ion Ratio Lower Upper
165 100
63 1.5 53.1 79.7#
89 1.6 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

Tgt Ion:188 Resp: 431041
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 11.2 8.0 12.0

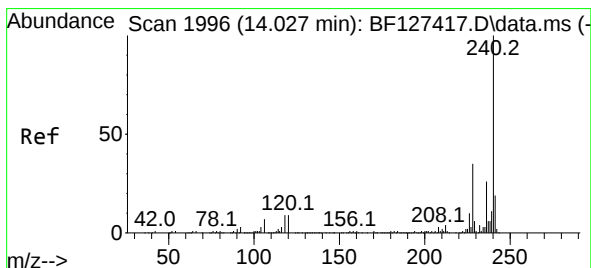
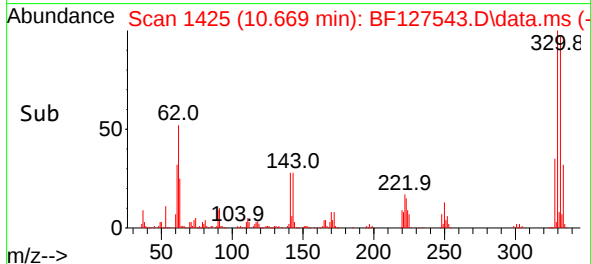
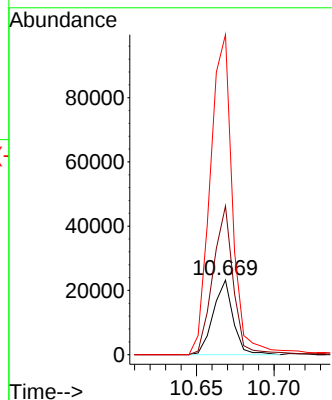
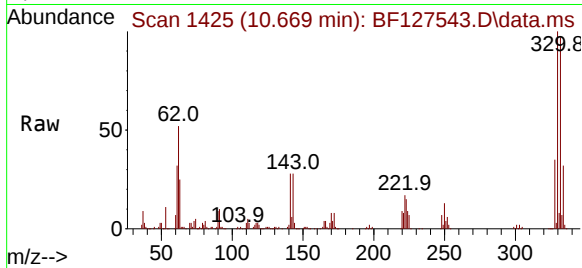




#67
4-Bromophenyl-phenylether
Concen: 4.116 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

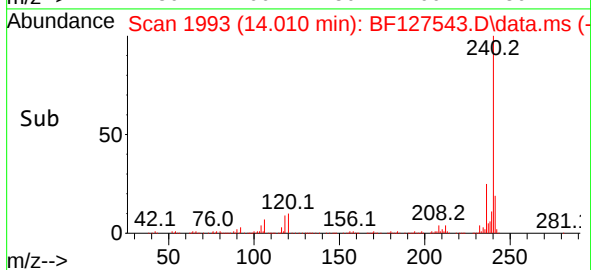
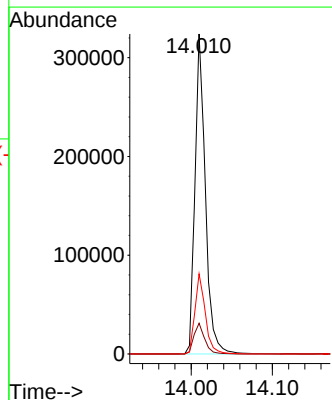
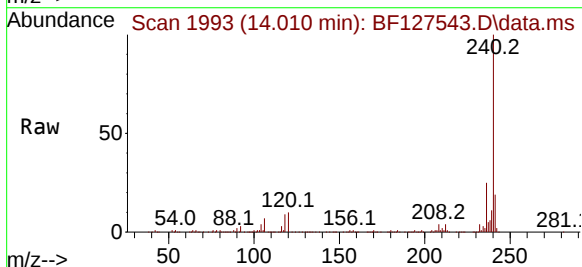
Instrument :
BNA_F
ClientSampleId :
PB143603BL

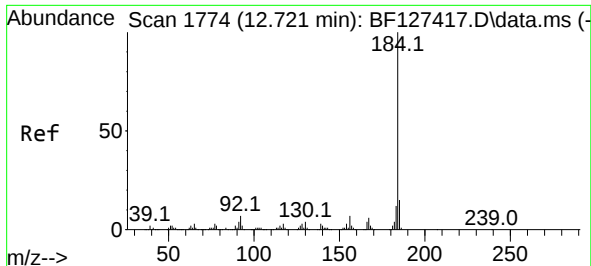
Tgt Ion:248 Resp: 20715
Ion Ratio Lower Upper
248 100
250 199.2 76.6 115.0#
141 428.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

Tgt Ion:240 Resp: 290232
Ion Ratio Lower Upper
240 100
120 9.6 7.1 10.7
236 25.0 20.7 31.1

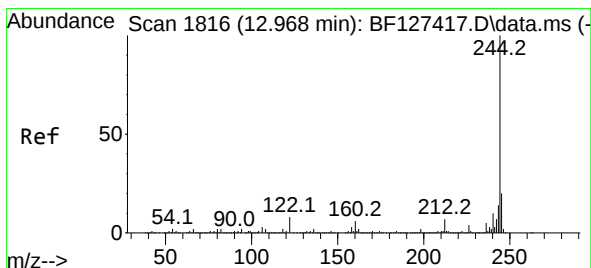
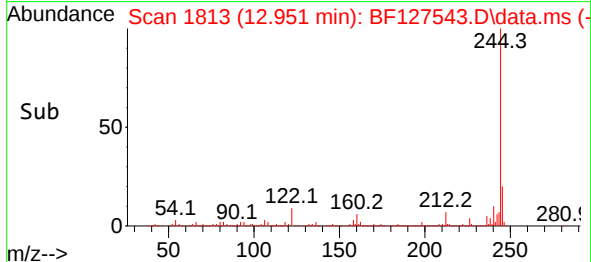
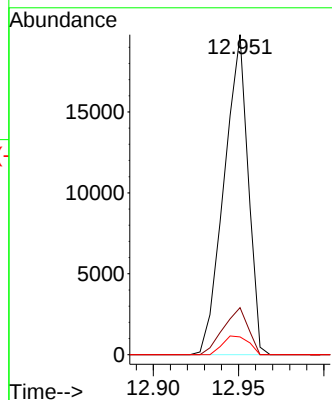
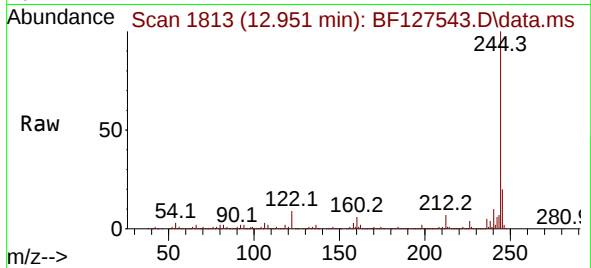




#77
Benzidine
Concen: 2.800 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

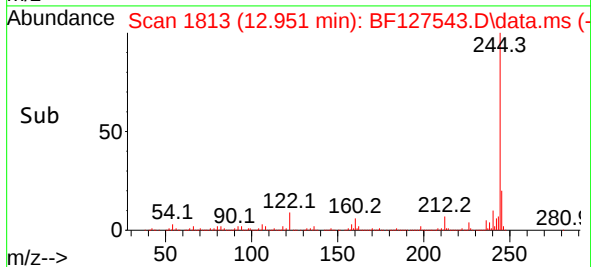
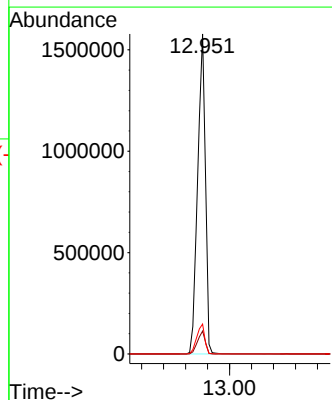
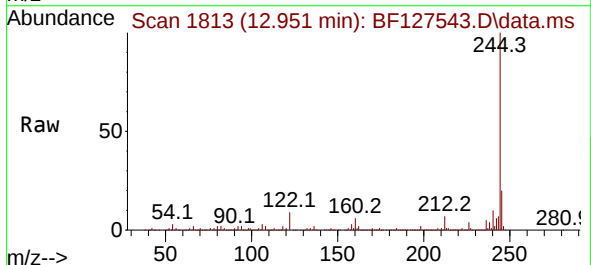
Instrument :
BNA_F
ClientSampleId :
PB143603BL

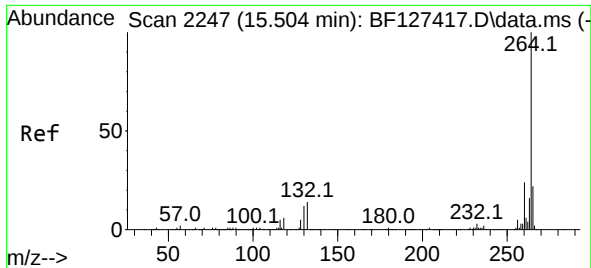
Tgt Ion:184 Resp: 19377
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 5.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 87.256 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

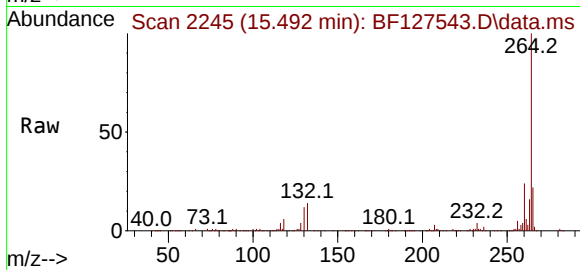
Tgt Ion:244 Resp: 1546990
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.4 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127543.D
Acq: 28 Mar 2022 15:44

Instrument :
BNA_F
ClientSampleId :
PB143603BL



Tgt Ion:264 Resp: 217860

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.0	17.4	26.2

