

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127580.D
 Acq On : 30 Mar 2022 11:24
 Operator : CG\JU
 Sample : PB143673TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143673TB

Quant Time: Mar 30 16:31:07 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)

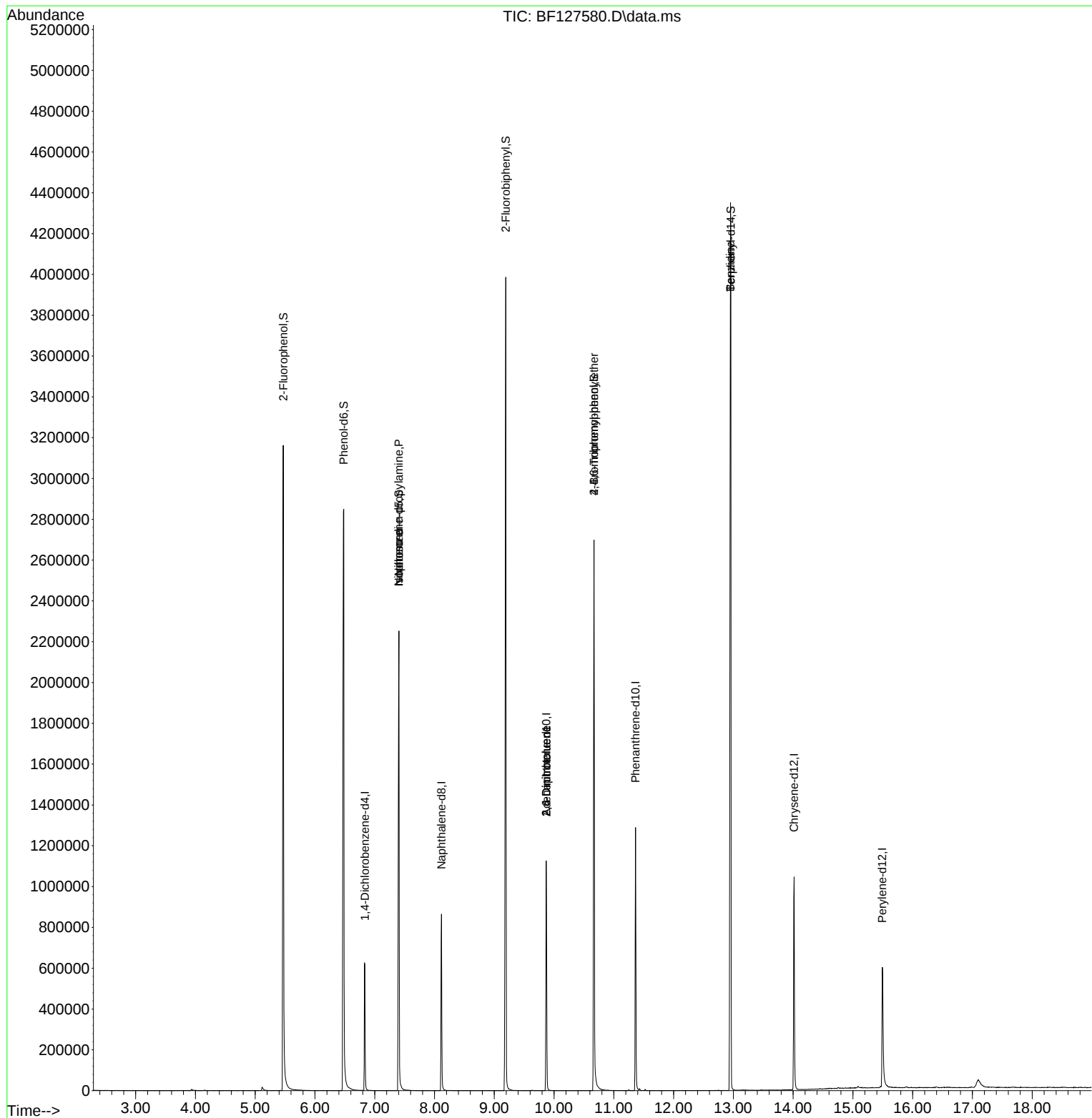
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	95800	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	371614	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	235148	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	451583	20.000	ng	0.00
76) Chrysene-d12	14.016	240	398826	20.000	ng	0.00
86) Perylene-d12	15.492	264	327663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	819997	136.628	ng	0.01
7) Phenol-d6	6.481	99	1130875	137.847	ng	0.00
23) Nitrobenzene-d5	7.404	82	783881	90.168	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	352917	140.889	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1367530	84.921	ng	0.00
79) Terphenyl-d14	12.957	244	1878982	77.125	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	1752	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	107171	21.794	ng	# 79
25) Isophorone	7.404	82	783873	56.612	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	30020	8.742	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	30020	6.792	ng	# 13
58) Fluorene	10.669	166	13026	Below Cal	#	90
67) 4-Bromophenyl-phenylether	10.669	248	22977	4.358	ng	# 1
77) Benzidine	12.951	184	22973	2.416	ng	# 93

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

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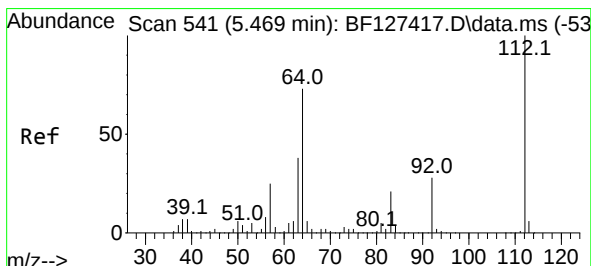
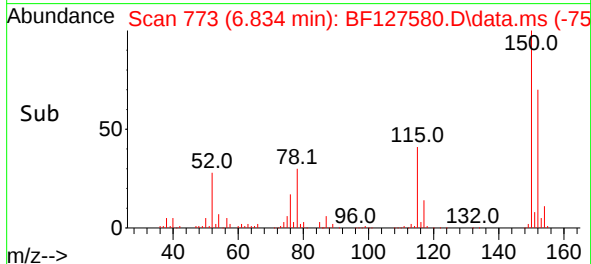
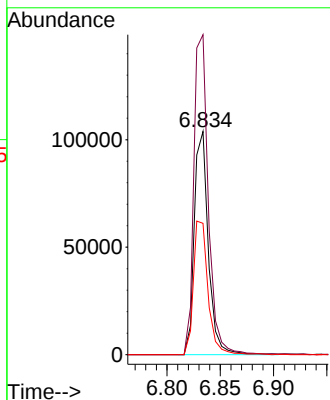
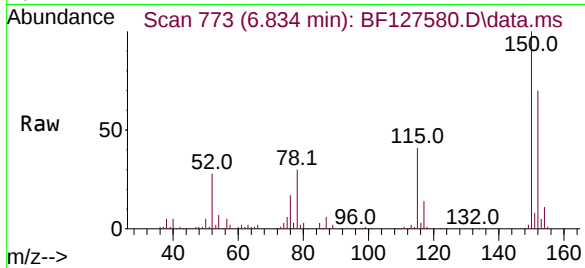




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

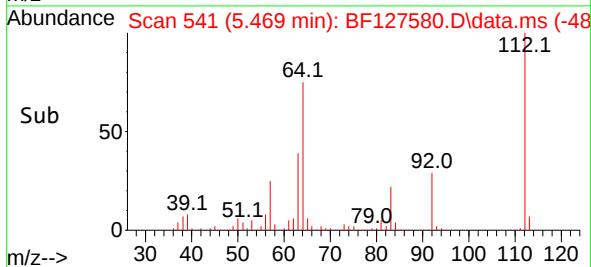
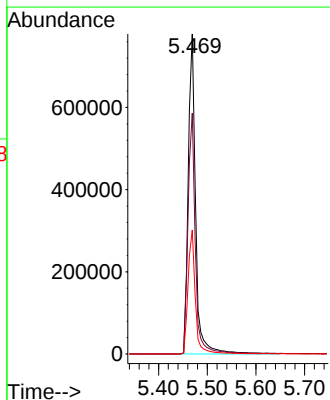
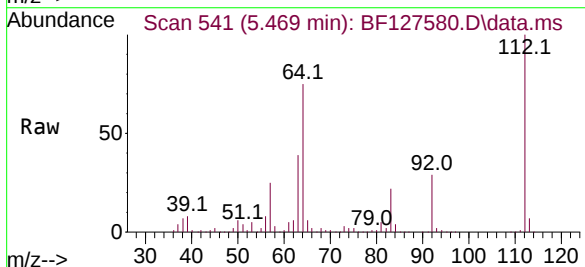
Instrument :
BNA_F
ClientSampleId :
PB143673TB

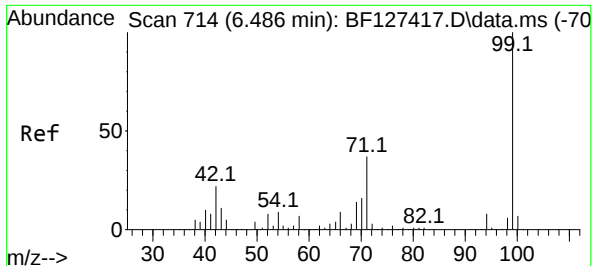
Tgt Ion:152 Resp: 95800
Ion Ratio Lower Upper
152 100
150 143.4 117.2 175.8
115 58.9 49.8 74.6



#5
2-Fluorophenol
Concen: 136.628 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

Tgt Ion:112 Resp: 819997
Ion Ratio Lower Upper
112 100
64 75.3 58.4 87.6
63 38.8 30.1 45.1

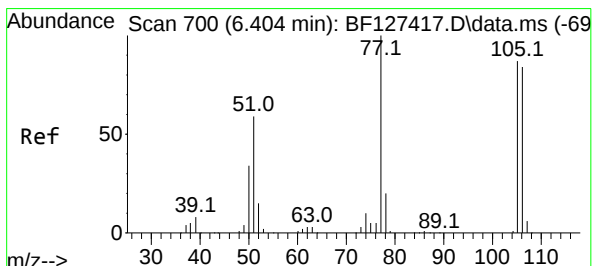
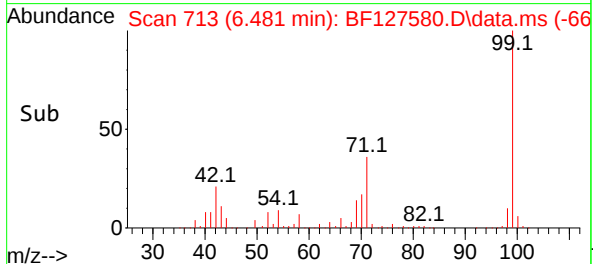
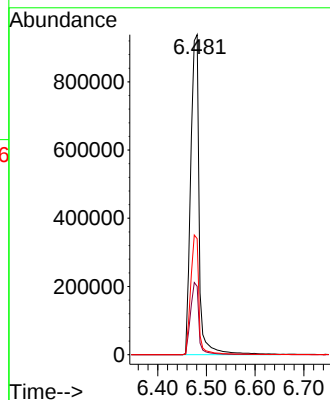
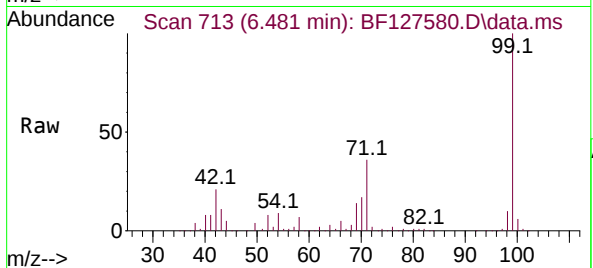




#7
Phenol-d6
Concen: 137.847 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

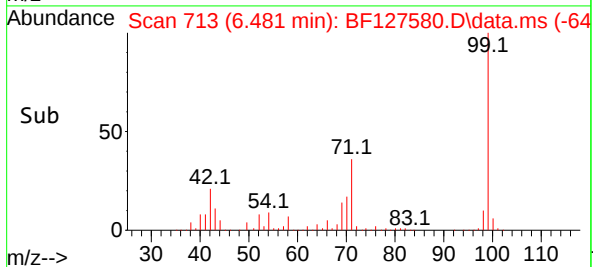
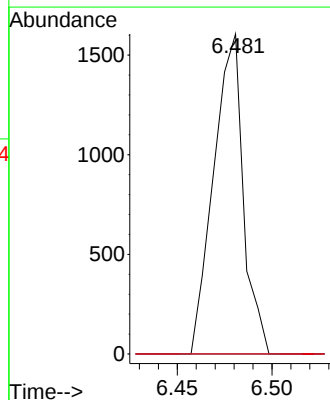
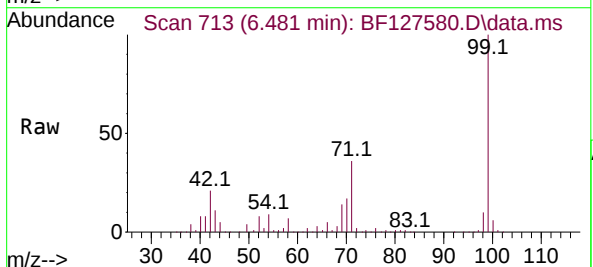
Instrument :
BNA_F
ClientSampleId :
PB143673TB

Tgt Ion: 99 Resp: 1130875
Ion Ratio Lower Upper
99 100
42 21.4 17.8 26.6
71 36.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.088 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

Tgt Ion: 77 Resp: 1752
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: 21.794 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127580.D

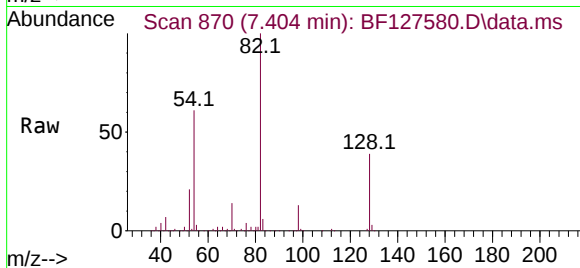
Acq: 30 Mar 2022 11:24

Instrument :

BNA_F

ClientSampleId :

PB143673TB



Tgt Ion: 70 Resp: 107171

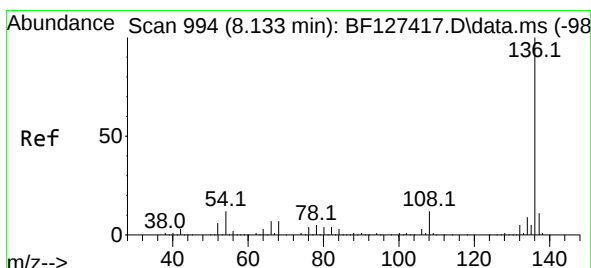
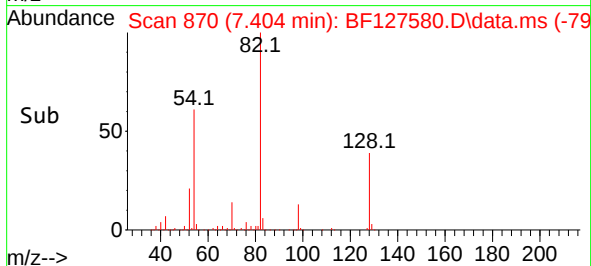
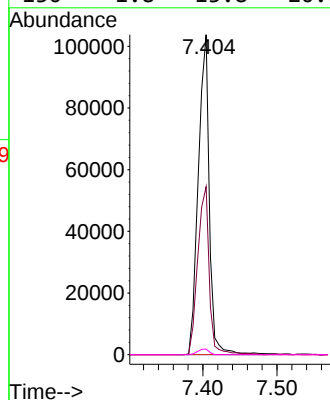
Ion Ratio Lower Upper

70 100

42 52.5 53.0 79.6#

101 0.0 6.8 10.2#

130 1.8 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: BF127580.D

Acq: 30 Mar 2022 11:24

Tgt Ion: 136 Resp: 371614

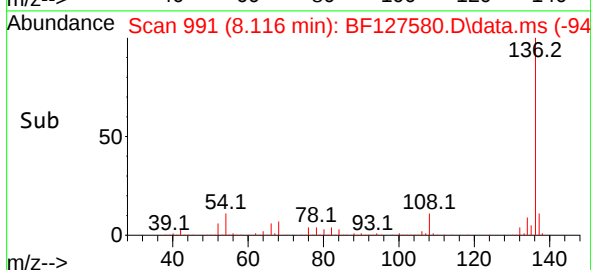
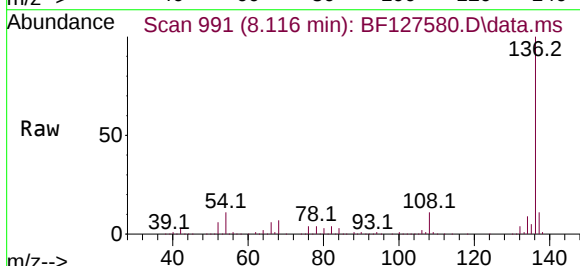
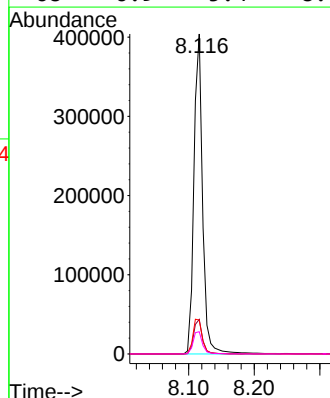
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 10.6 9.2 13.8

68 6.9 5.4 8.0

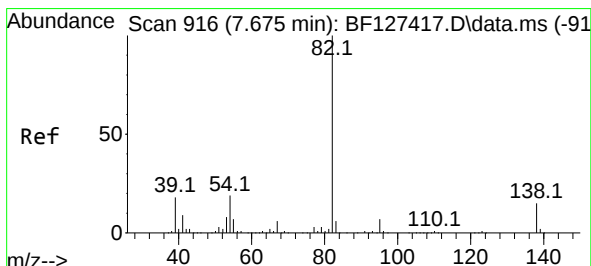
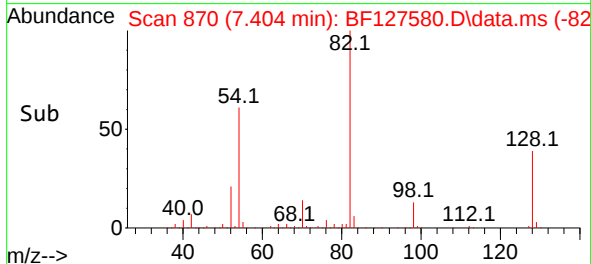
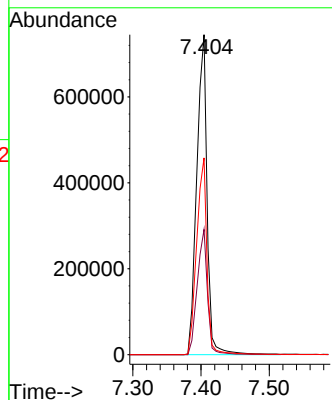
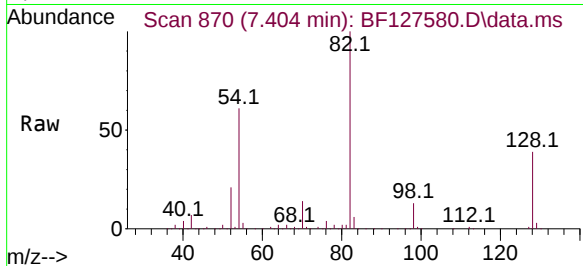




#23
Nitrobenzene-d5
Concen: 90.168 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

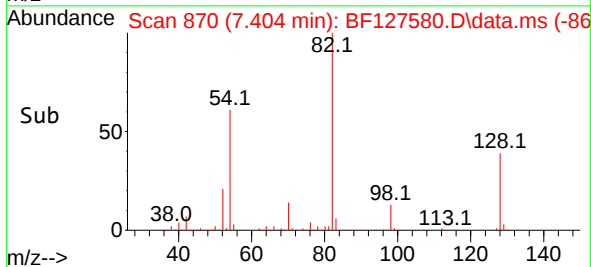
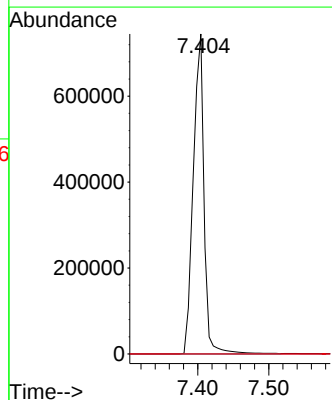
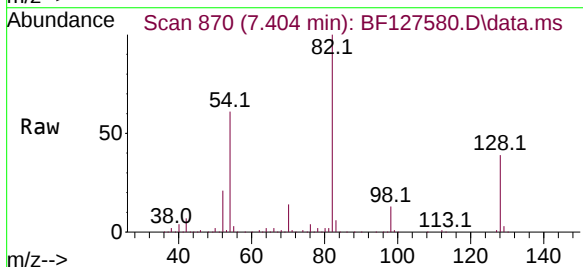
Instrument :
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ClientSampleId :
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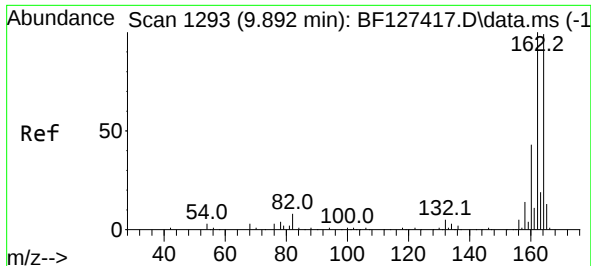
Tgt Ion: 82 Resp: 783881
Ion Ratio Lower Upper
82 100
128 39.1 30.6 45.8
54 61.5 48.2 72.2



#25
Isophorone
Concen: 56.612 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

Tgt Ion: 82 Resp: 783873
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: BF127580.D

Acq: 30 Mar 2022 11:24

Instrument :

BNA_F

ClientSampleId :

PB143673TB

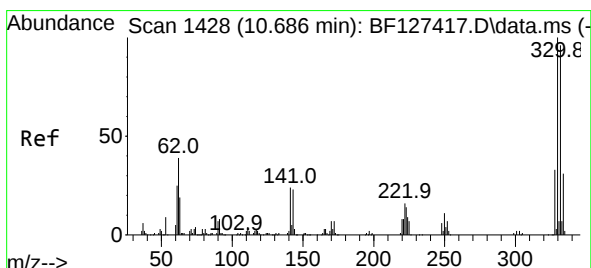
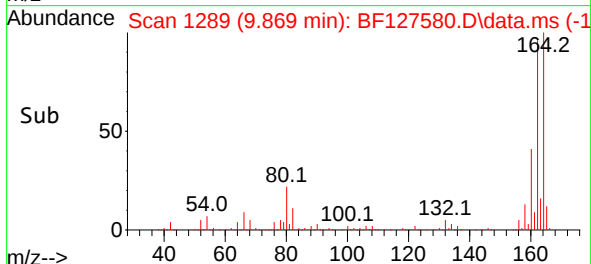
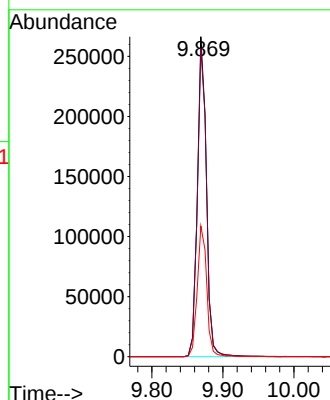
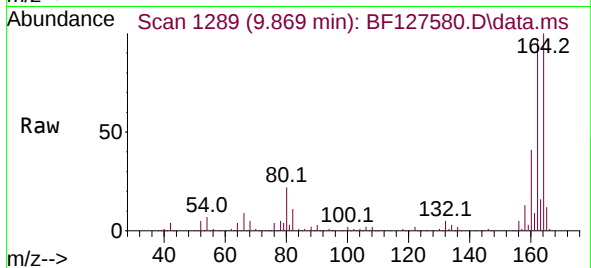
Tgt Ion:164 Resp: 235148

Ion Ratio Lower Upper

164 100

162 96.3 81.2 121.8

160 40.9 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 140.889 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127580.D

Acq: 30 Mar 2022 11:24

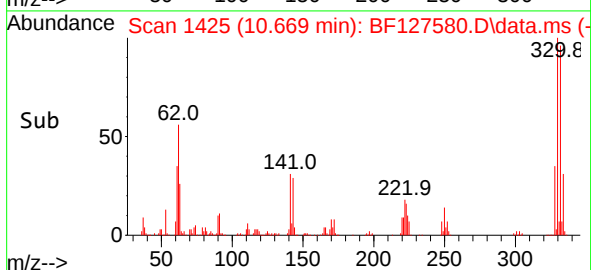
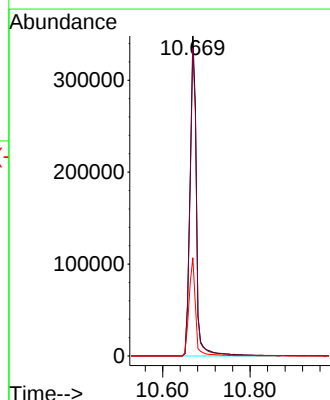
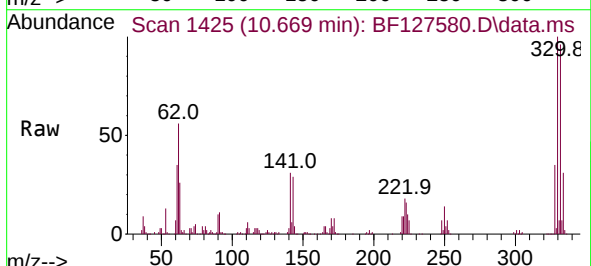
Tgt Ion:330 Resp: 352917

Ion Ratio Lower Upper

330 100

332 95.2 79.1 118.7

141 31.3 26.2 39.4

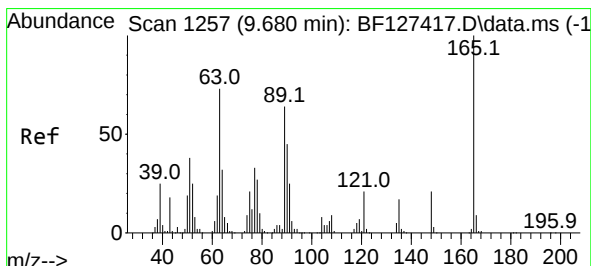
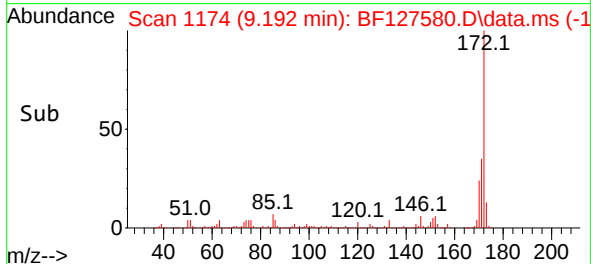
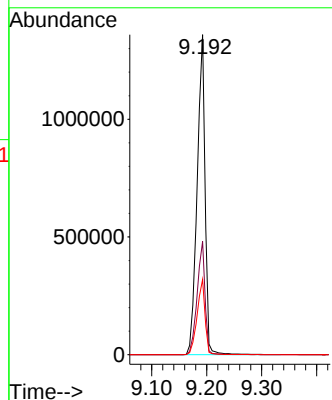
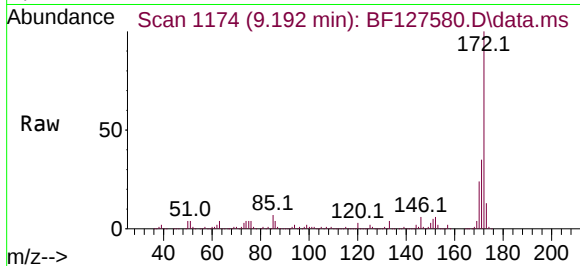




#45
2-Fluorobiphenyl
Concen: 84.921 ng
RT: 9.192 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

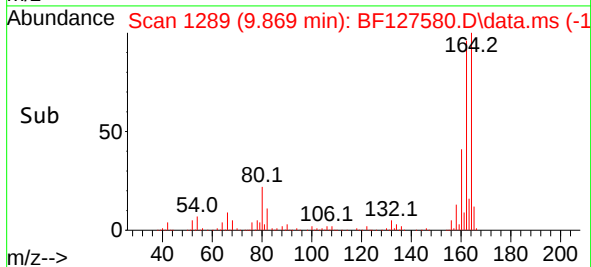
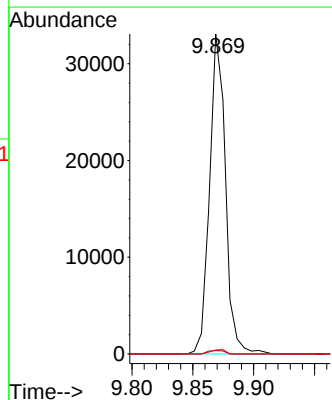
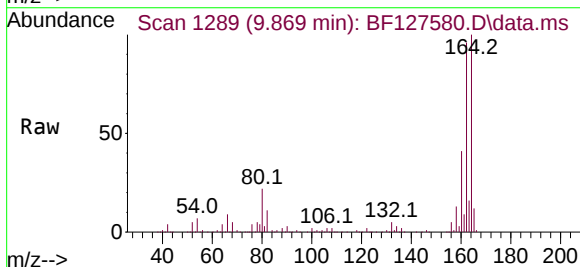
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:172 Resp: 1367530
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.742 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

Tgt Ion:165 Resp: 30020
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.2 51.5 77.3#

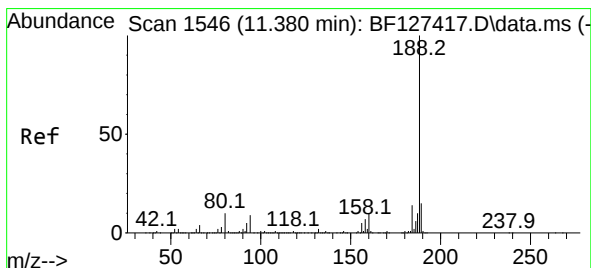
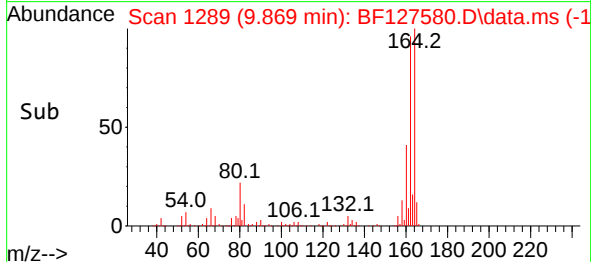
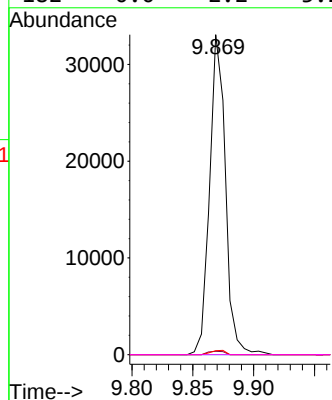
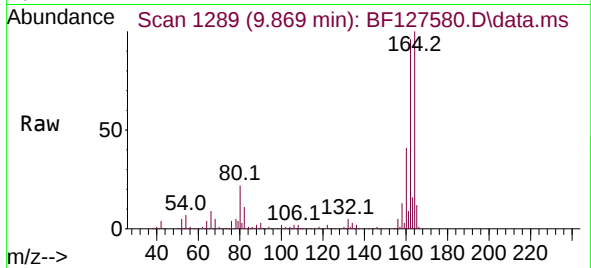




#57
2,4-Dinitrotoluene
Concen: 6.792 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

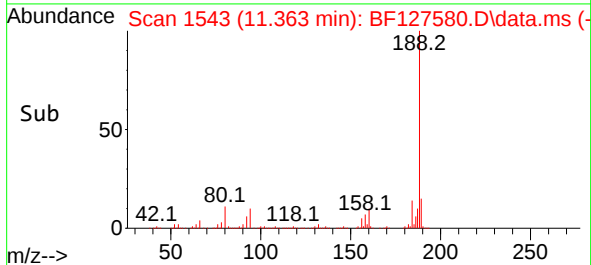
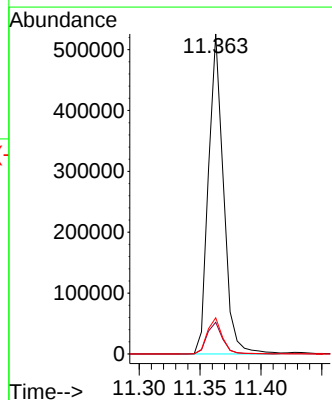
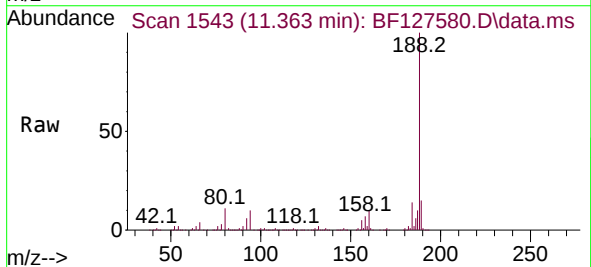
Instrument :
BNA_F
ClientSampleId :
PB143673TB

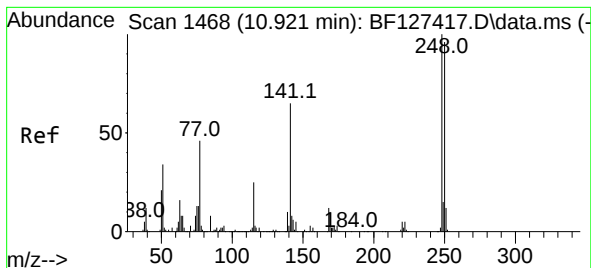
Tgt Ion:165 Resp: 30020
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

Tgt Ion:188 Resp: 451583
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 11.3 8.0 12.0

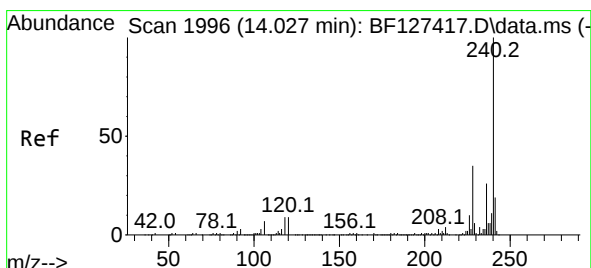
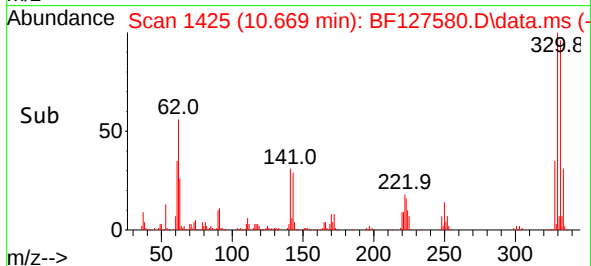
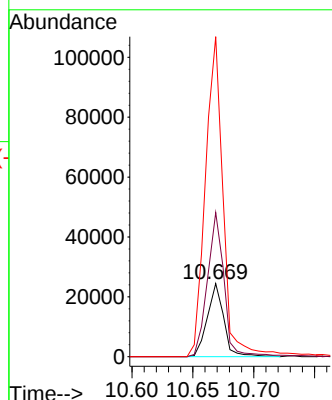
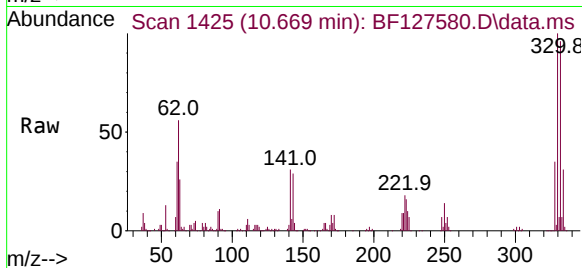




#67
4-Bromophenyl-phenylether
Concen: 4.358 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

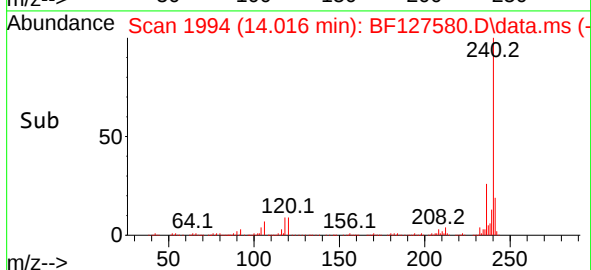
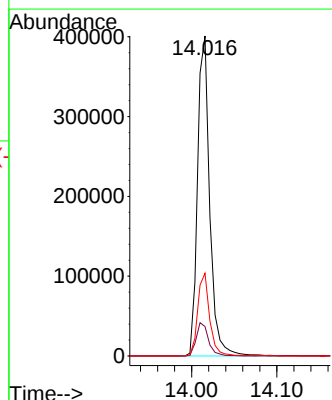
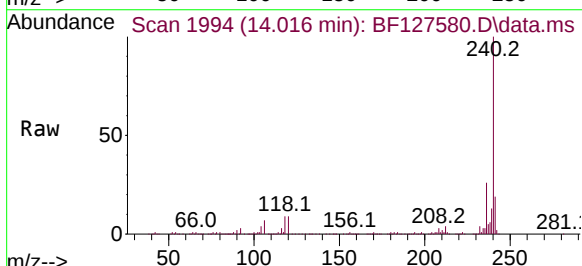
Instrument :
BNA_F
ClientSampleId :
PB143673TB

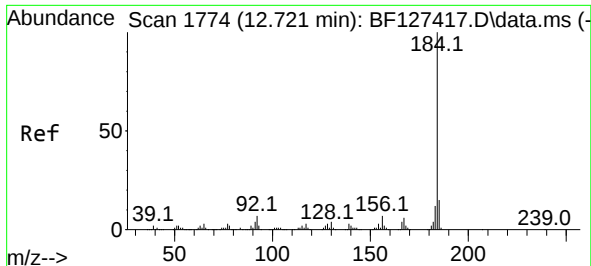
Tgt Ion:248 Resp: 22977
Ion Ratio Lower Upper
248 100
250 196.9 76.6 115.0#
141 437.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

Tgt Ion:240 Resp: 398826
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 25.9 20.7 31.1

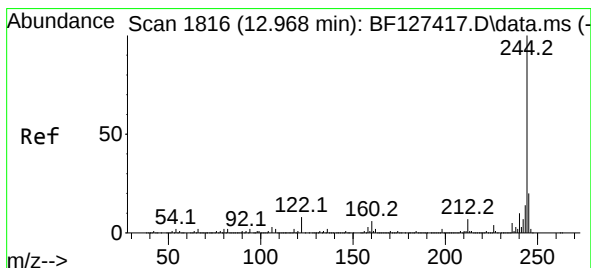
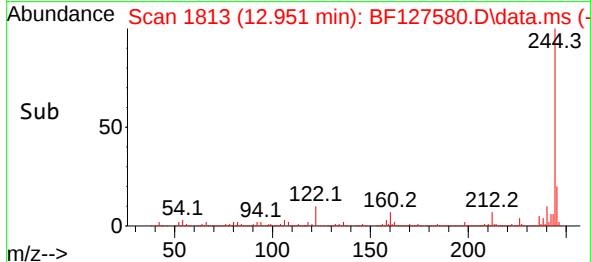
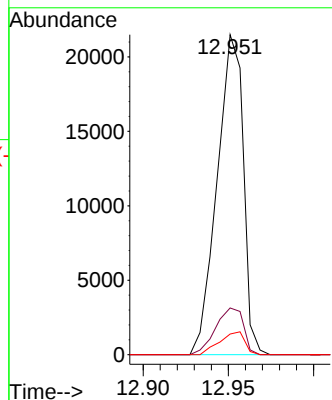
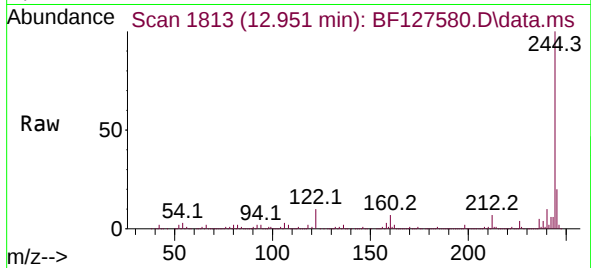




#77
Benzidine
Concen: 2.416 ng
RT: 12.951 min Scan# 1814
Delta R.T. 0.241 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

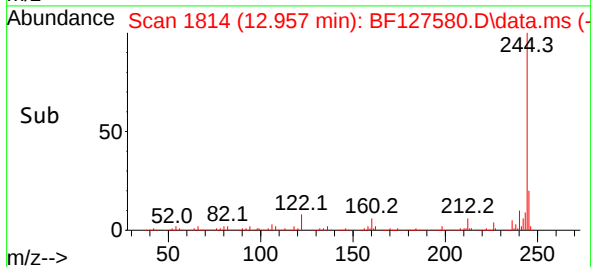
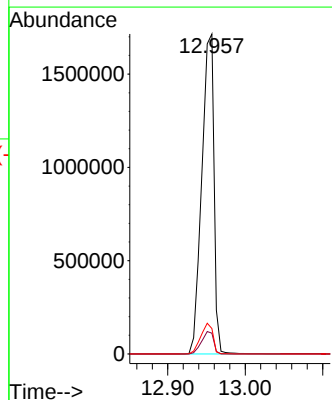
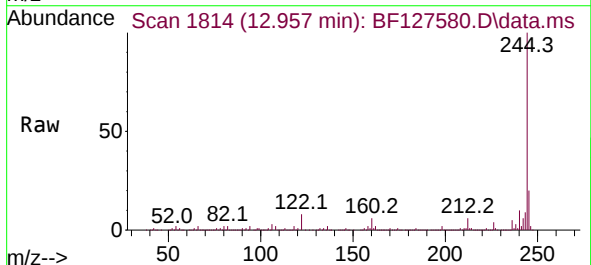
Instrument :
BNA_F
ClientSampleId :
PB143673TB

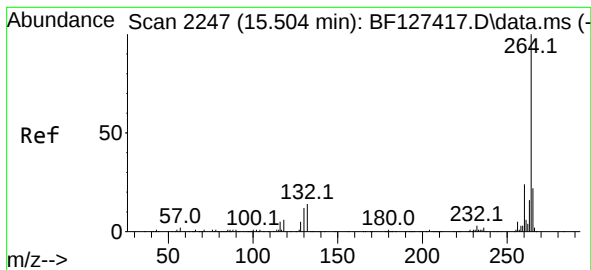
Tgt Ion:184 Resp: 22973
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 6.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 77.125 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BF127580.D
Acq: 30 Mar 2022 11:24

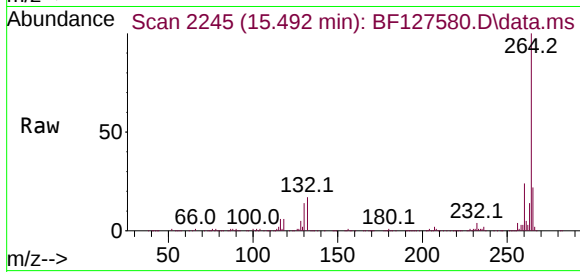
Tgt Ion:244 Resp: 1878982
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 7.9 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127580.D
 Acq: 30 Mar 2022 11:24

Instrument :
 BNA_F
 ClientSampleId :
 PB143673TB



Tgt Ion:264 Resp: 327663
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.8 17.4 26.2

