

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127566.D
 Acq On : 29 Mar 2022 15:34
 Operator : CG\JU
 Sample : N2157-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Mar 29 16:58:28 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)

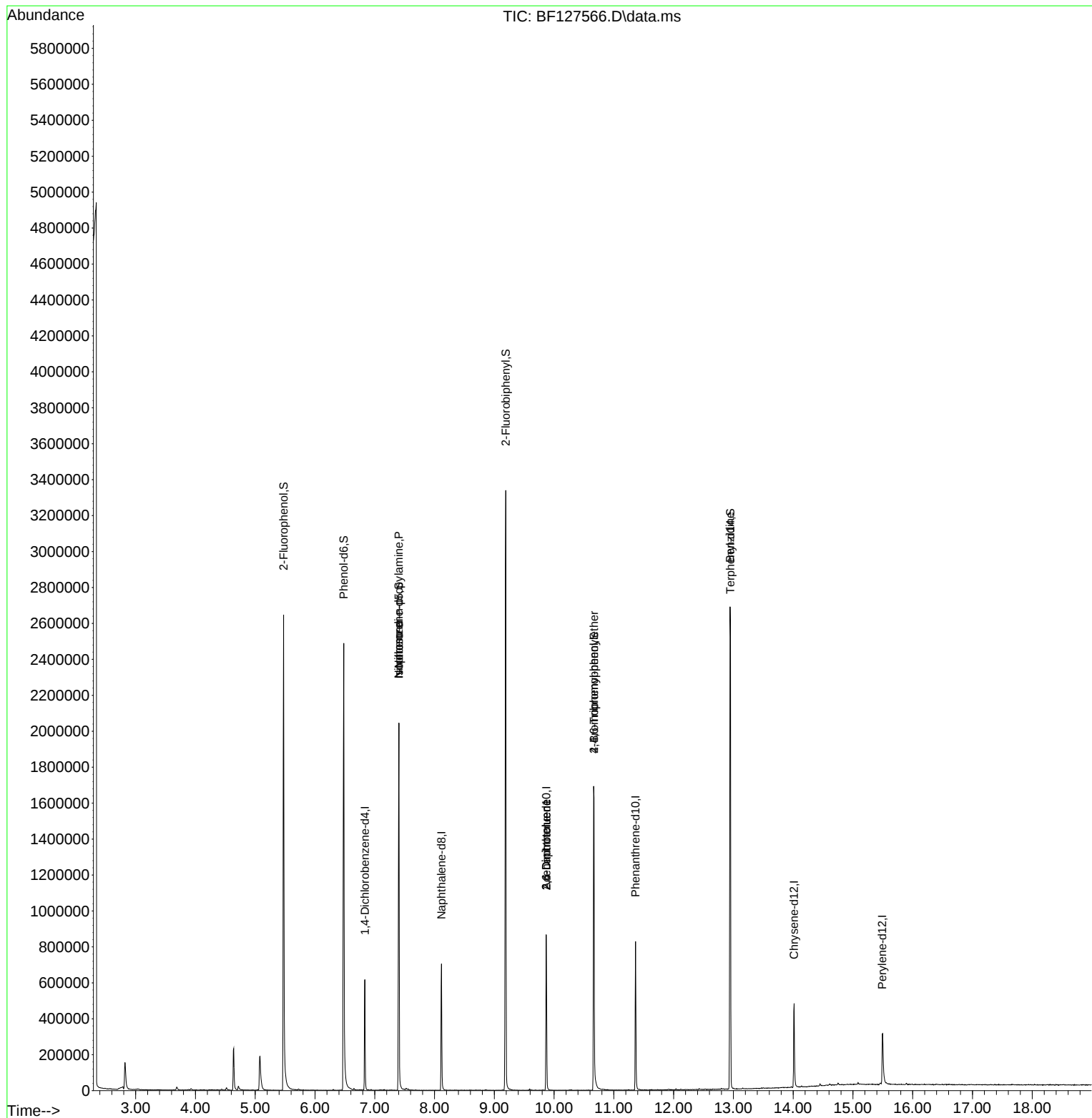
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	81903	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	301962	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	172972	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	286858	20.000	ng	0.00
76) Chrysene-d12	14.015	240	184100	20.000	ng	0.00
86) Perylene-d12	15.492	264	163944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	663248	129.261	ng	0.02
7) Phenol-d6	6.481	99	842537	120.126	ng	0.00
23) Nitrobenzene-d5	7.404	82	644644	91.256	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	218601	118.638	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1090277	92.041	ng	0.00
79) Terphenyl-d14	12.951	244	994356	88.418	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1380	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	89634	21.320	ng	# 80
25) Isophorone	7.404	82	644638	57.295	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	22356	8.851	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	22356	6.876	ng	# 14
58) Fluorene	10.663	166	8665	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.669	248	14723	4.396	ng	# 1
77) Benzidine	12.945	184	12751	2.905	ng	# 91

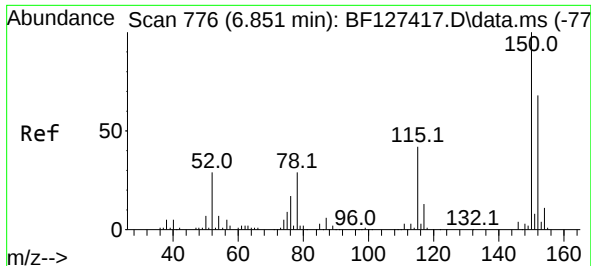
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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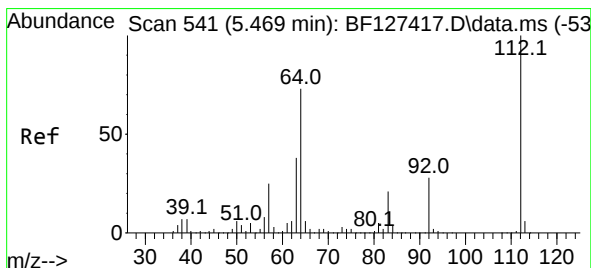
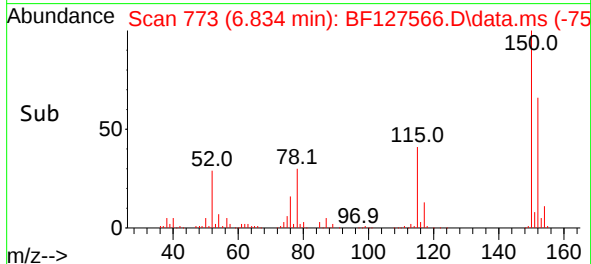
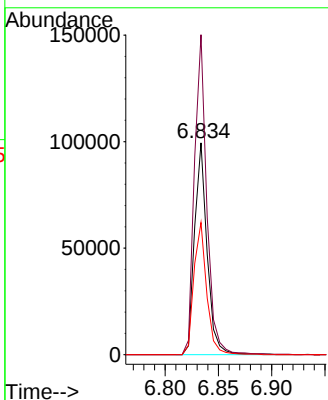
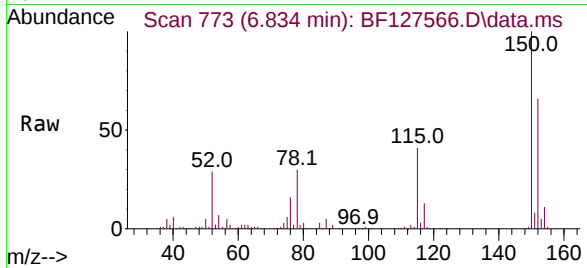




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127566.D
Acq: 29 Mar 2022 15:34

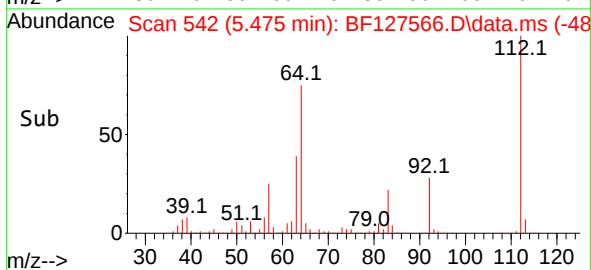
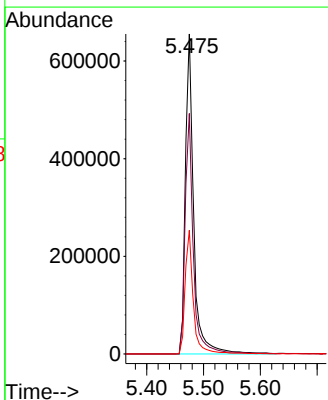
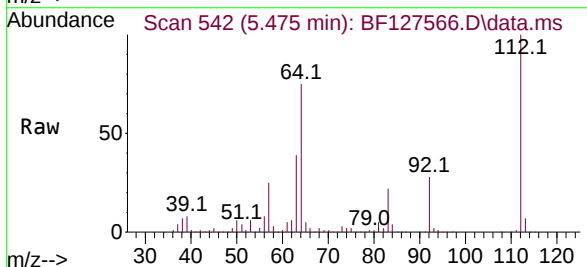
Instrument :
BNA_F
ClientSampleId :
TP2

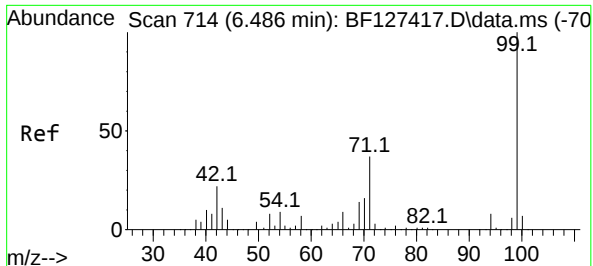
Tgt Ion:152 Resp: 81903
Ion Ratio Lower Upper
152 100
150 151.0 117.2 175.8
115 62.4 49.8 74.6



#5
2-Fluorophenol
Concen: 129.261 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.018 min
Lab File: BF127566.D
Acq: 29 Mar 2022 15:34

Tgt Ion:112 Resp: 663248
Ion Ratio Lower Upper
112 100
64 75.2 58.4 87.6
63 38.7 30.1 45.1

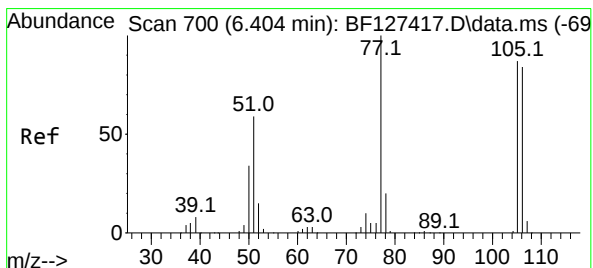
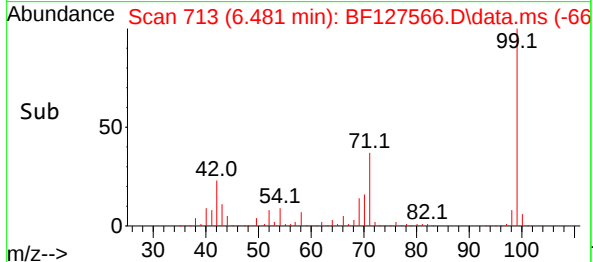
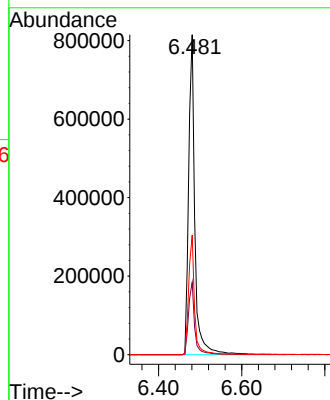
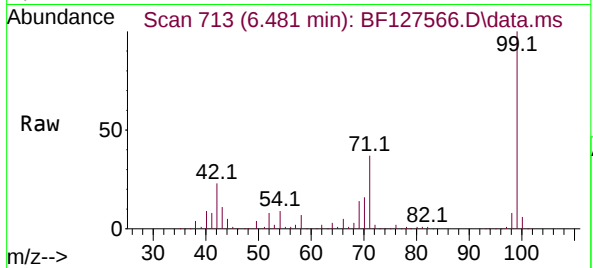




#7
Phenol-d6
Concen: 120.126 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF127566.D
Acq: 29 Mar 2022 15:34

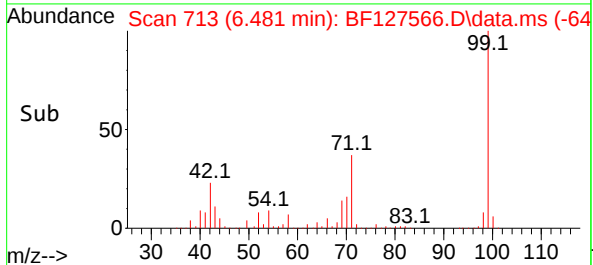
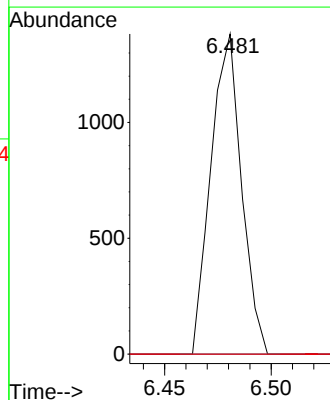
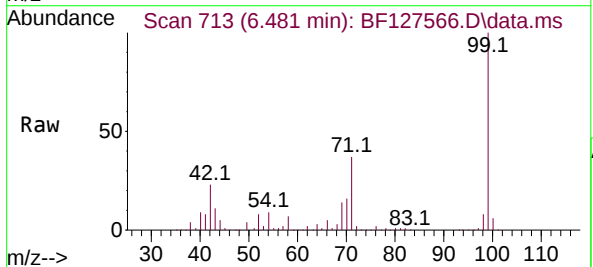
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion: 99 Resp: 842537
Ion Ratio Lower Upper
99 100
42 22.6 17.8 26.6
71 37.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.088 min
Lab File: BF127566.D
Acq: 29 Mar 2022 15:34

Tgt Ion: 77 Resp: 1380
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: 21.320 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127566.D

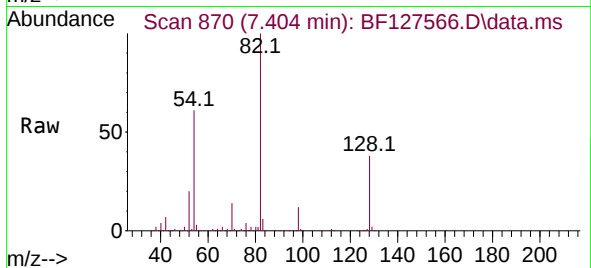
Acq: 29 Mar 2022 15:34

Instrument :

BNA_F

ClientSampleId :

TP2



Tgt Ion: 70 Resp: 89634

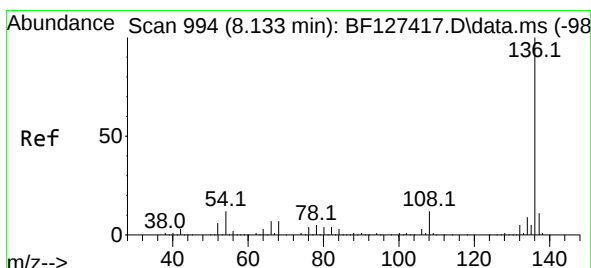
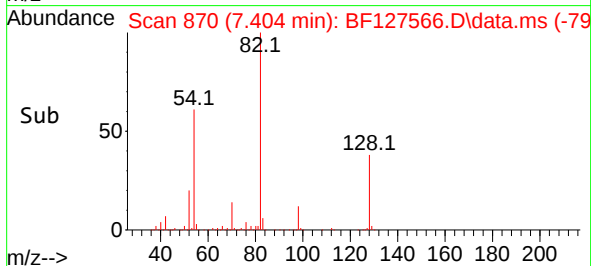
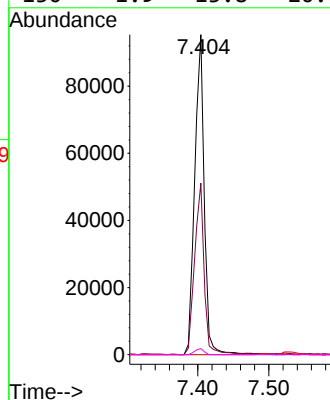
Ion Ratio Lower Upper

70 100

42 53.6 53.0 79.6

101 0.0 6.8 10.2#

130 1.9 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: BF127566.D

Acq: 29 Mar 2022 15:34

Tgt Ion: 136 Resp: 301962

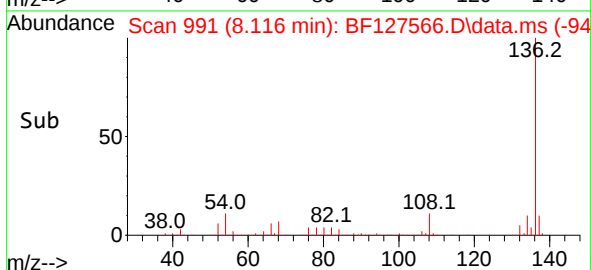
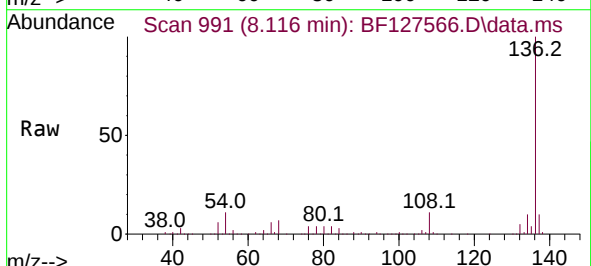
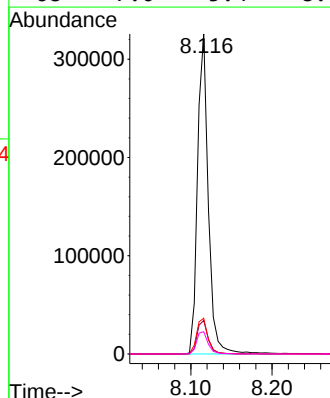
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 11.2 9.2 13.8

68 7.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 91.256 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127566.D

Acq: 29 Mar 2022 15:34

Instrument :

BNA_F

ClientSampleId :

TP2

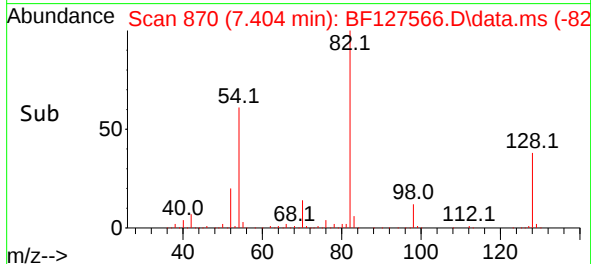
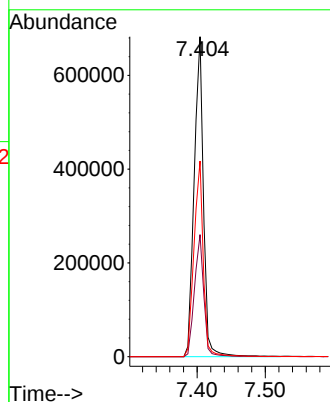
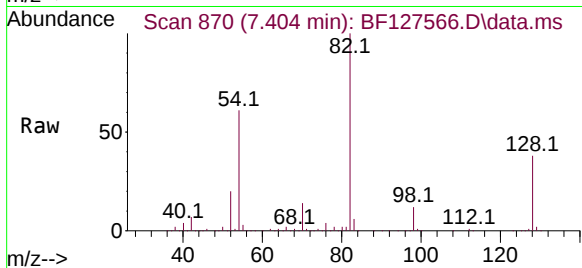
Tgt Ion: 82 Resp: 644644

Ion Ratio Lower Upper

82 100

128 38.2 30.6 45.8

54 61.2 48.2 72.2



#25

Isophorone

Concen: 57.295 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127566.D

Acq: 29 Mar 2022 15:34

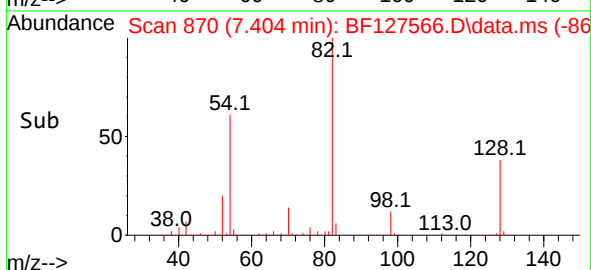
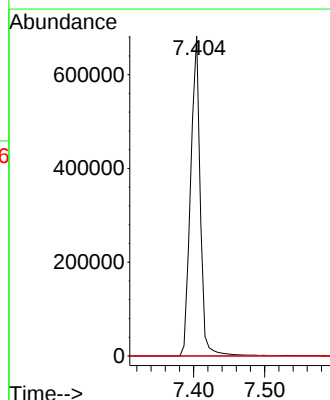
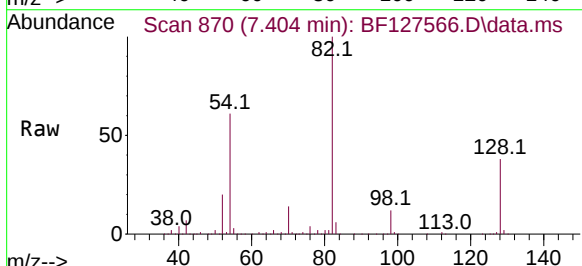
Tgt Ion: 82 Resp: 644638

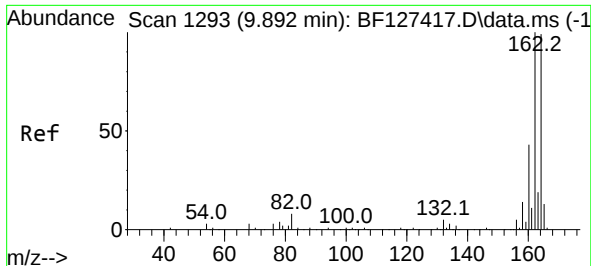
Ion Ratio Lower Upper

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: BF127566.D

Acq: 29 Mar 2022 15:34

Instrument :

BNA_F

ClientSampleId :

TP2

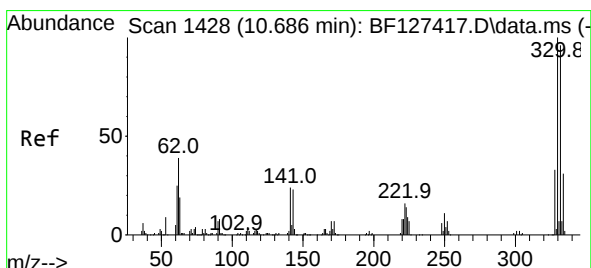
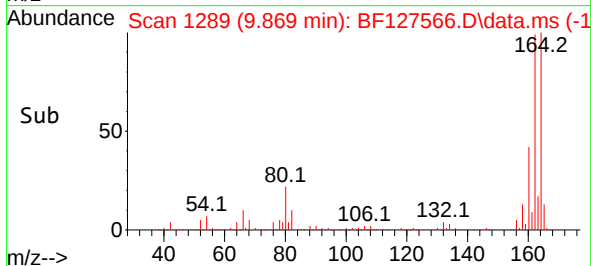
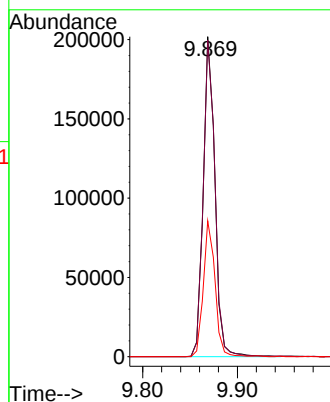
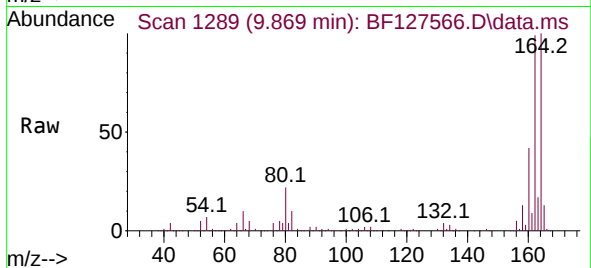
Tgt Ion:164 Resp: 172972

Ion Ratio Lower Upper

164 100

162 98.9 81.2 121.8

160 42.4 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 118.638 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127566.D

Acq: 29 Mar 2022 15:34

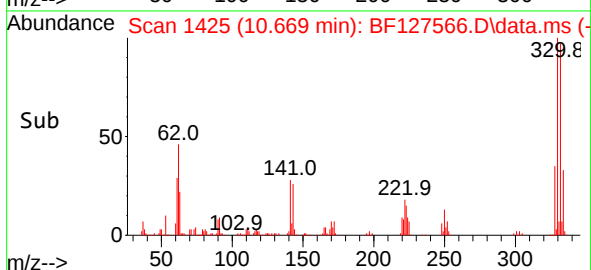
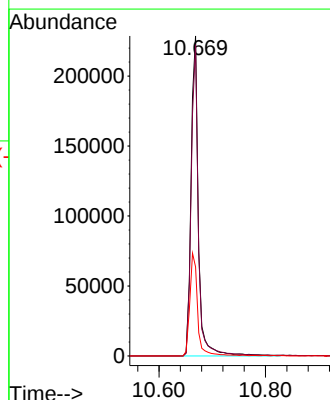
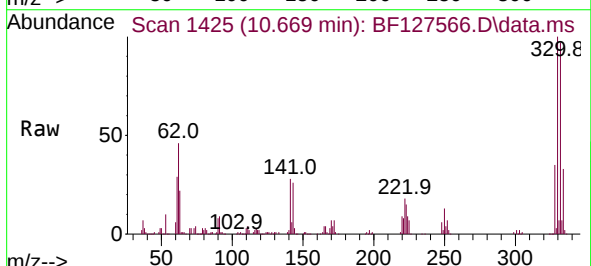
Tgt Ion:330 Resp: 218601

Ion Ratio Lower Upper

330 100

332 95.6 79.1 118.7

141 34.1 26.2 39.4

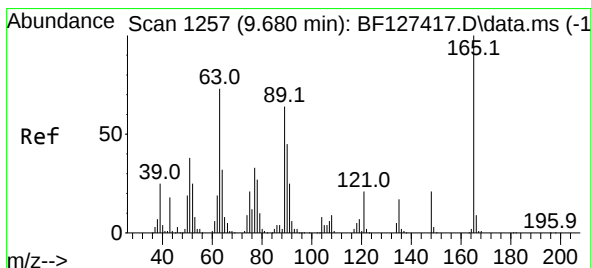
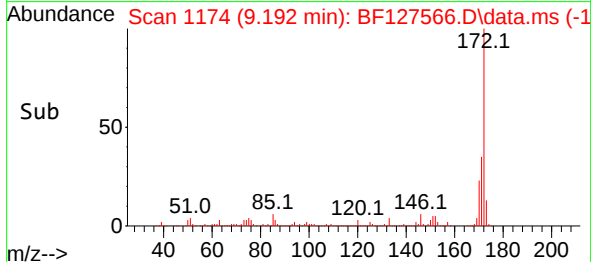
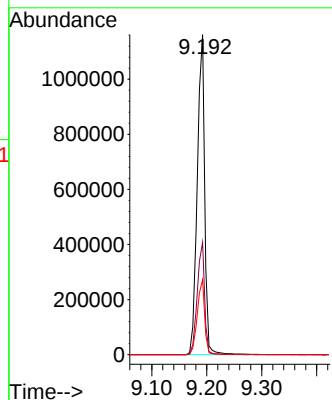
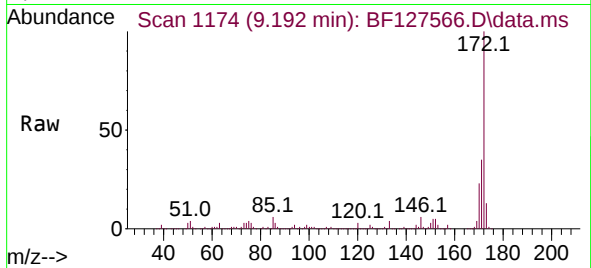




#45
2-Fluorobiphenyl
Concen: 92.041 ng
RT: 9.192 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127566.D
Acq: 29 Mar 2022 15:34

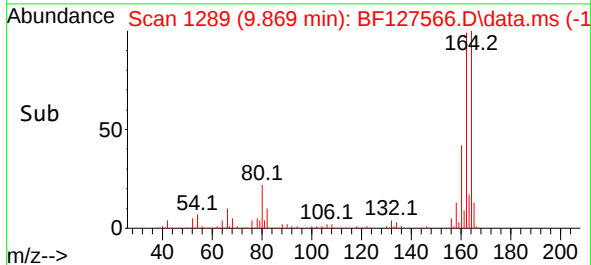
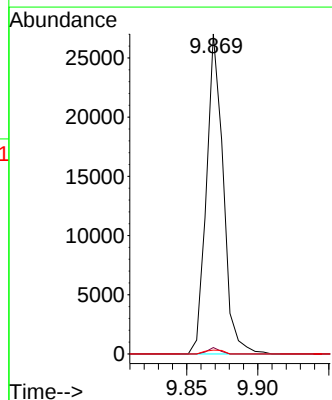
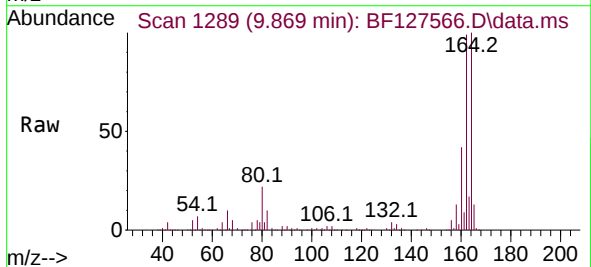
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion:172 Resp: 1090277
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.851 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127566.D
Acq: 29 Mar 2022 15:34

Tgt Ion:165 Resp: 22356
Ion Ratio Lower Upper
165 100
63 2.0 58.3 87.5#
89 1.2 51.5 77.3#

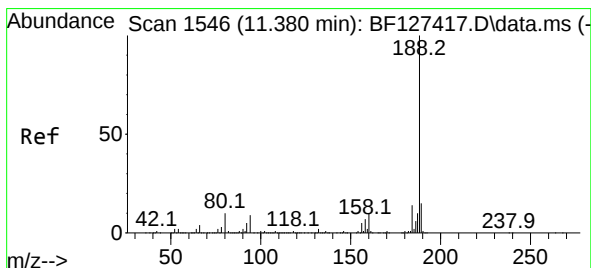
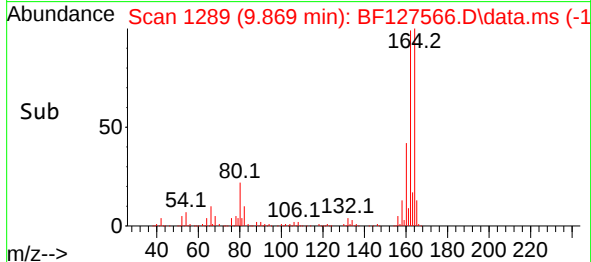
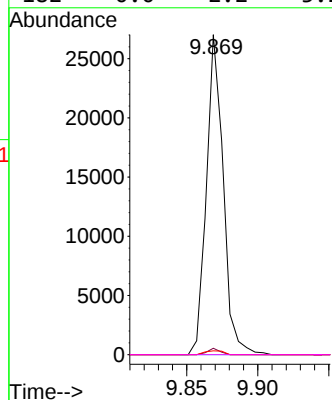
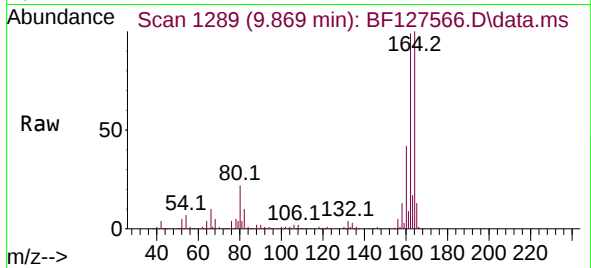




#57
2,4-Dinitrotoluene
Concen: 6.876 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127566.D
Acq: 29 Mar 2022 15:34

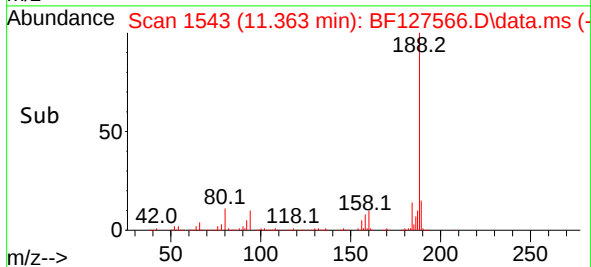
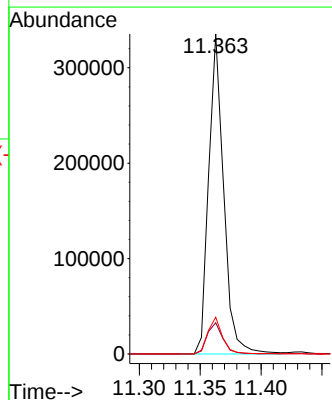
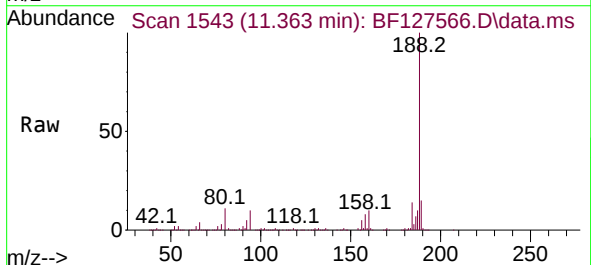
Instrument :
BNA_F
ClientSampleId :
TP2

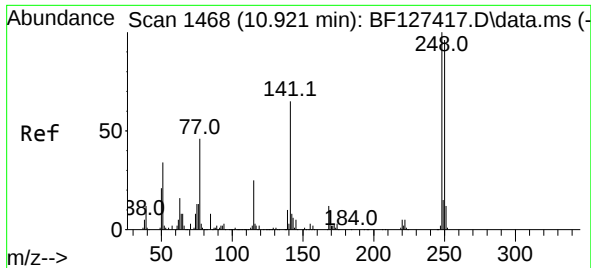
Tgt Ion:165 Resp: 22356
Ion Ratio Lower Upper
165 100
63 2.0 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127566.D
Acq: 29 Mar 2022 15:34

Tgt Ion:188 Resp: 286858
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.0
80 11.5 8.0 12.0

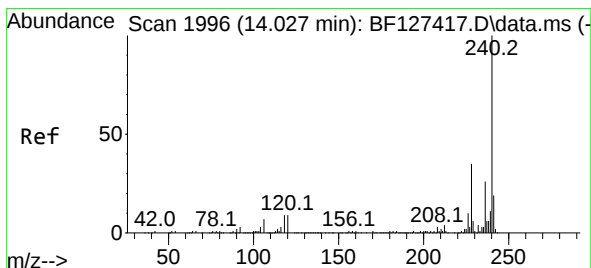
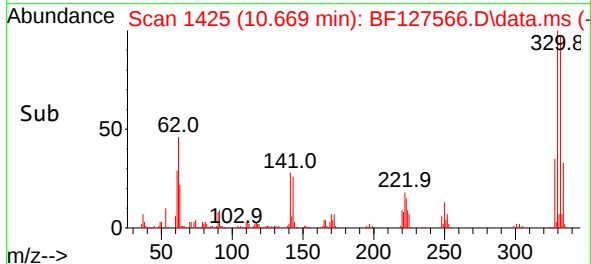
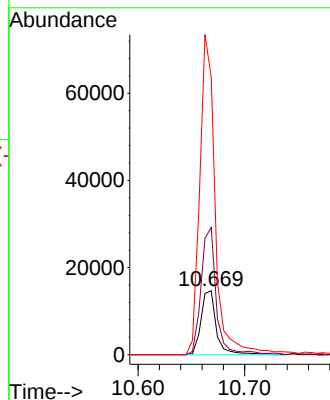
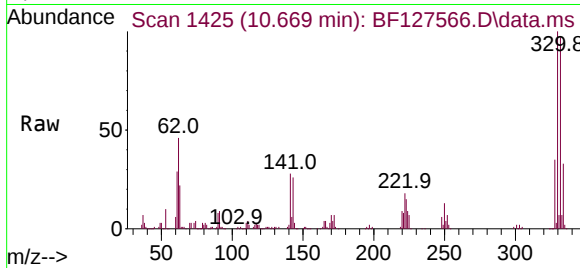




#67
4-Bromophenyl-phenylether
Concen: 4.396 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127566.D
Acq: 29 Mar 2022 15:34

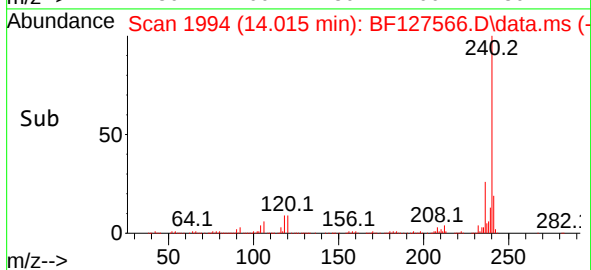
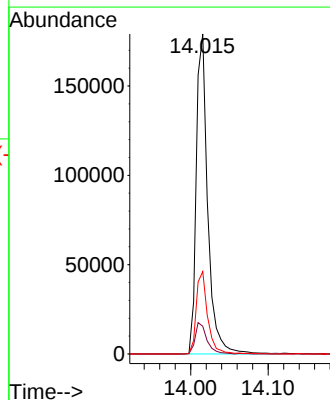
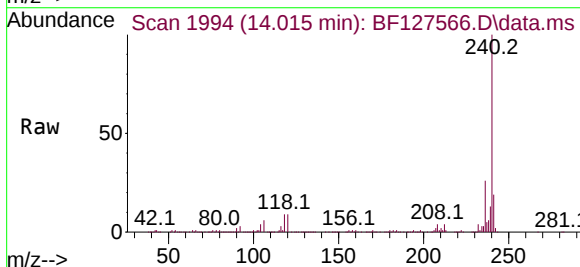
Instrument :
BNA_F
ClientSampleId :
TP2

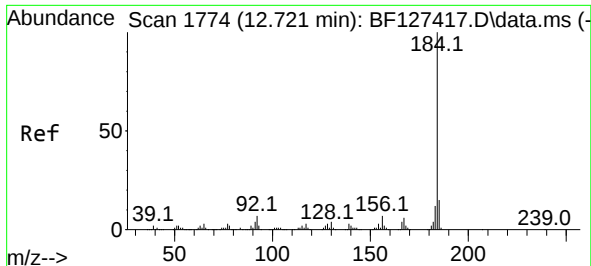
Tgt Ion:248 Resp: 14723
Ion Ratio Lower Upper
248 100
250 199.4 76.6 115.0#
141 435.0 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127566.D
Acq: 29 Mar 2022 15:34

Tgt Ion:240 Resp: 184100
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 25.7 20.7 31.1

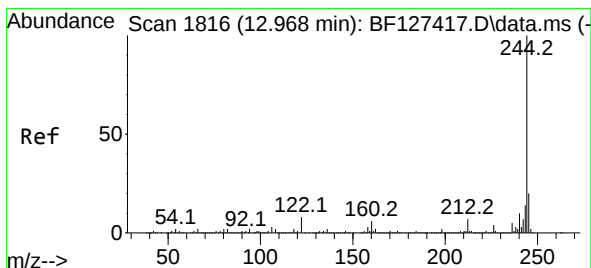
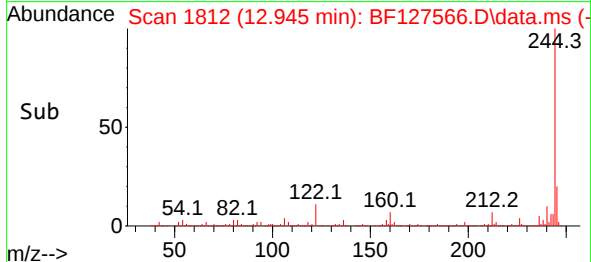
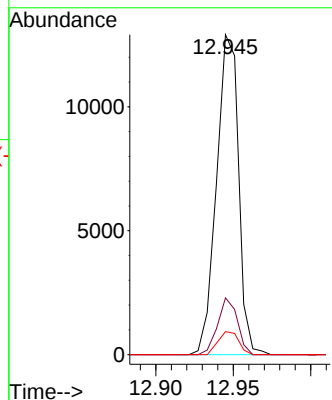
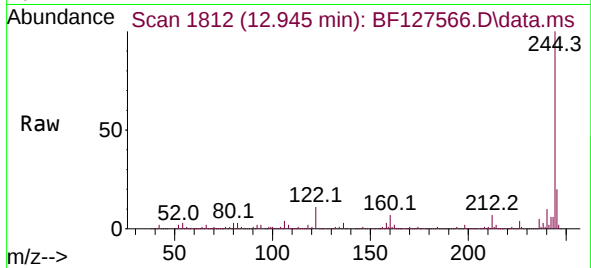




#77
Benzidine
Concen: 2.905 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.235 min
Lab File: BF127566.D
Acq: 29 Mar 2022 15:34

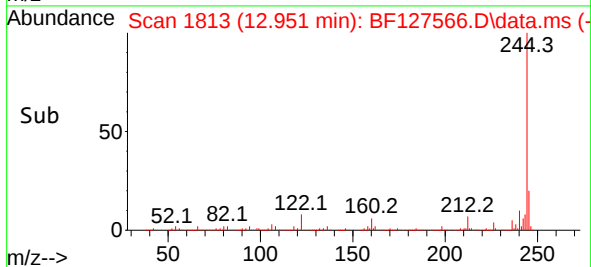
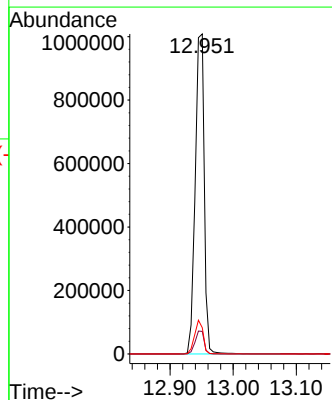
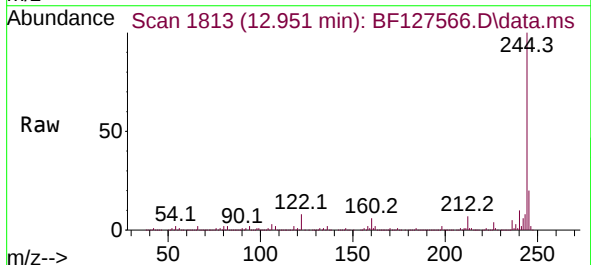
Instrument :
BNA_F
ClientSampleId :
TP2

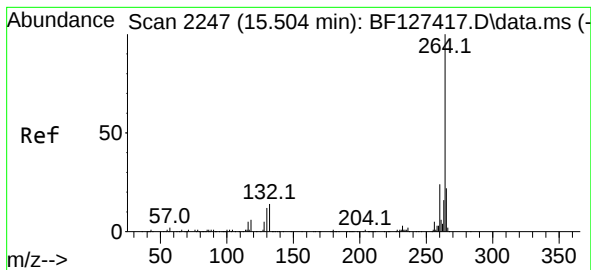
Tgt Ion:184 Resp: 12751
Ion Ratio Lower Upper
184 100
185 17.8 12.2 18.2
183 7.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 88.418 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127566.D
Acq: 29 Mar 2022 15:34

Tgt Ion:244 Resp: 994356
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 8.2 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: BF127566.D
 Acq: 29 Mar 2022 15:34

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Tgt Ion:264 Resp: 163944
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.7 17.4 26.2

