

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127551.D
 Acq On : 28 Mar 2022 19:35
 Operator : CG\JU
 Sample : N2107-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS5

Quant Time: Mar 29 07:17:04 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)

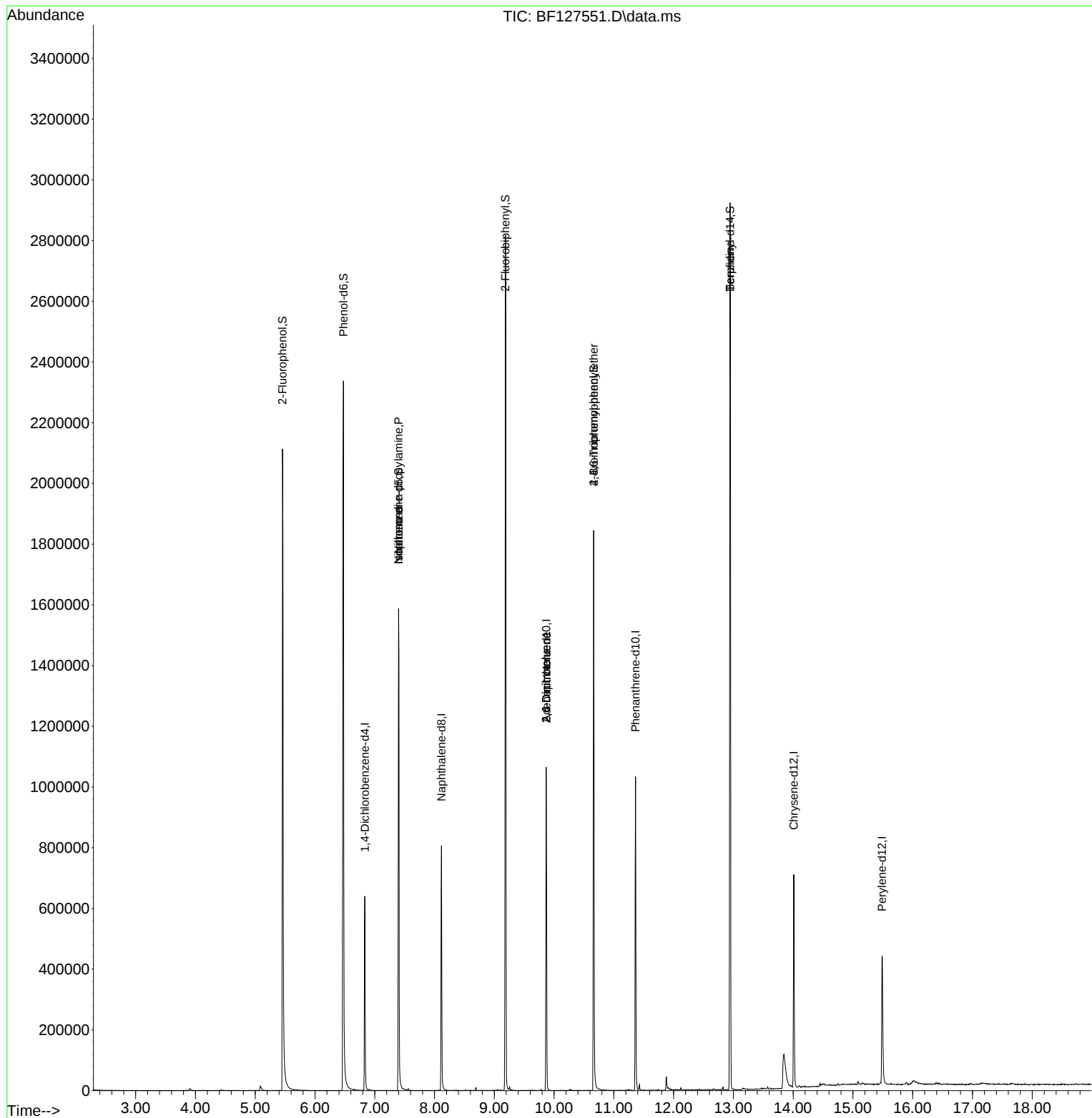
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	92137	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	340934	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	199741	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	359247	20.000	ng	0.00
76) Chrysene-d12	14.010	240	243046	20.000	ng	0.00
86) Perylene-d12	15.486	264	209810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	564609	97.815	ng	0.00
7) Phenol-d6	6.475	99	773057	97.978	ng	0.00
23) Nitrobenzene-d5	7.398	82	523394	65.622	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	203572	95.675	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	913614	66.791	ng	0.00
79) Terphenyl-d14	12.945	244	1023633	68.946	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.469	77	1076	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.398	70	69719	14.741	ng	# 79
25) Isophorone	7.398	82	523389	41.201	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	25087	8.601	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	25087	6.682	ng	# 13
58) Fluorene	10.663	166	7774	Below Cal	#	90
67) 4-Bromophenyl-phenylether	10.663	248	13718	3.271	ng	# 1
77) Benzidine	12.945	184	12975	2.239	ng	# 94

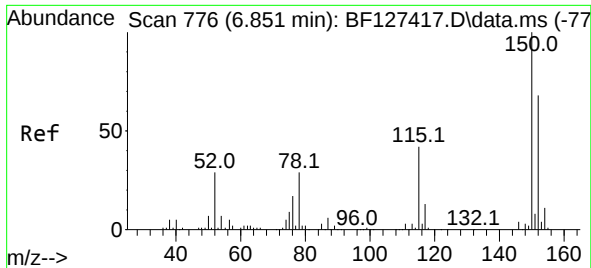
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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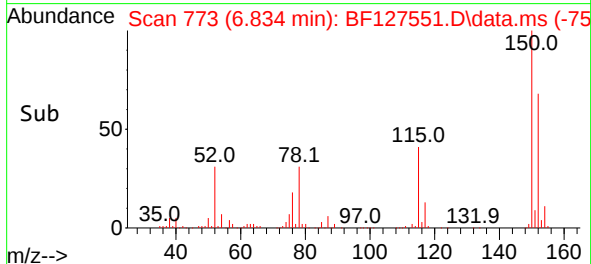
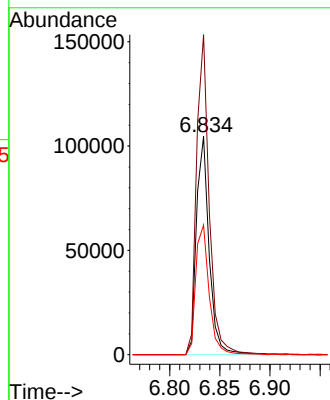
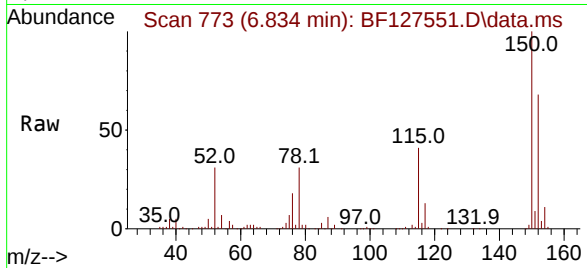




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

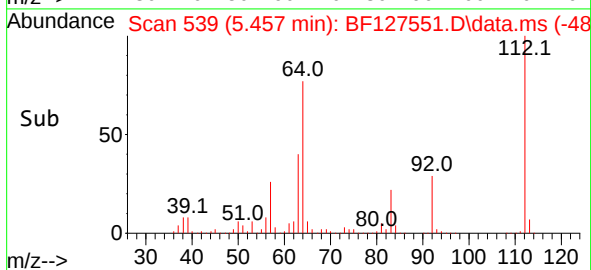
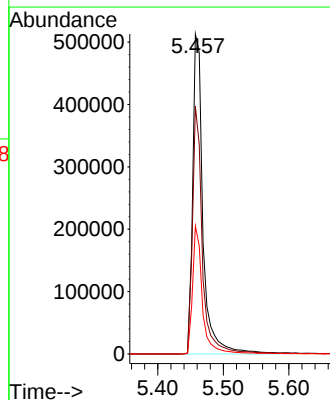
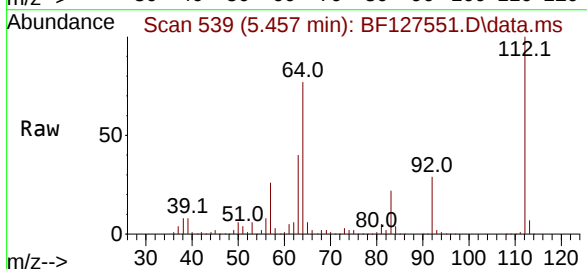
Instrument :
BNA_F
ClientSampleId :
SS5

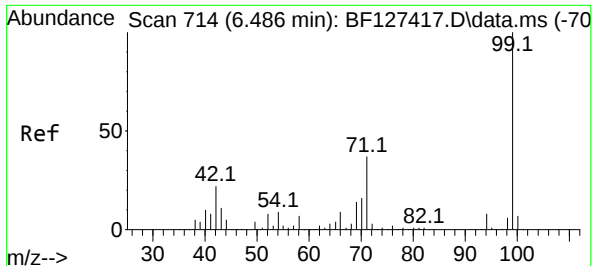
Tgt Ion:152 Resp: 92137
Ion Ratio Lower Upper
152 100
150 146.7 117.2 175.8
115 59.4 49.8 74.6



#5
2-Fluorophenol
Concen: 97.815 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

Tgt Ion:112 Resp: 564609
Ion Ratio Lower Upper
112 100
64 77.3 58.4 87.6
63 40.0 30.1 45.1





#7

Phenol-d6

Concen: 97.978 ng

RT: 6.475 min Scan# 714

Delta R.T. -0.006 min

Lab File: BF127551.D

Acq: 28 Mar 2022 19:35

Instrument :

BNA_F

ClientSampleId :

SS5

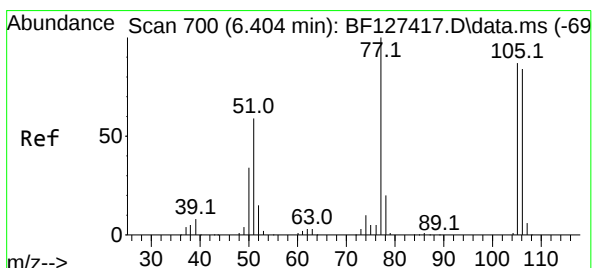
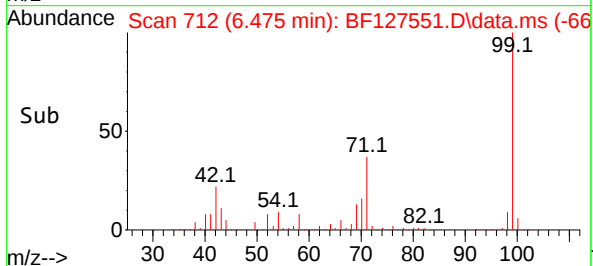
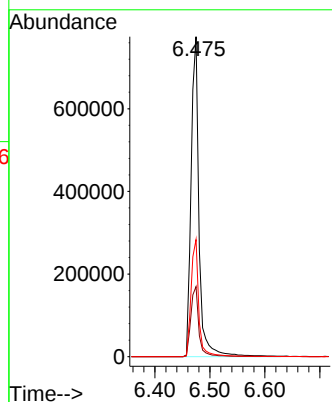
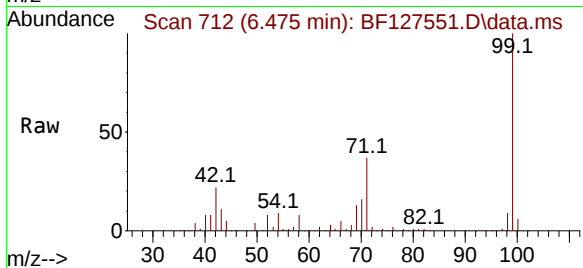
Tgt Ion: 99 Resp: 773057

Ion Ratio Lower Upper

99 100

42 21.9 17.8 26.6

71 36.6 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.469 min Scan# 711

Delta R.T. 0.077 min

Lab File: BF127551.D

Acq: 28 Mar 2022 19:35

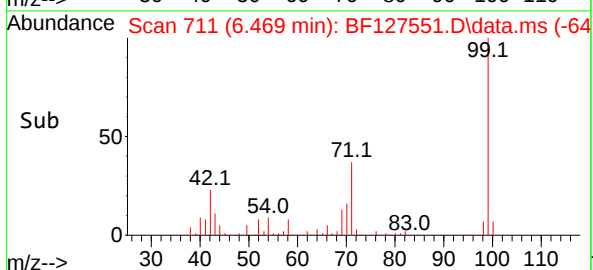
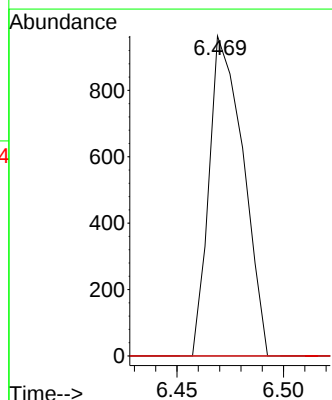
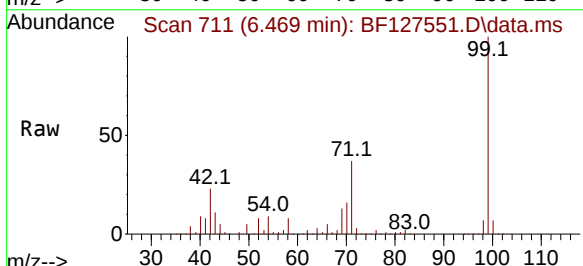
Tgt Ion: 77 Resp: 1076

Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

106 0.0 64.3 104.3#

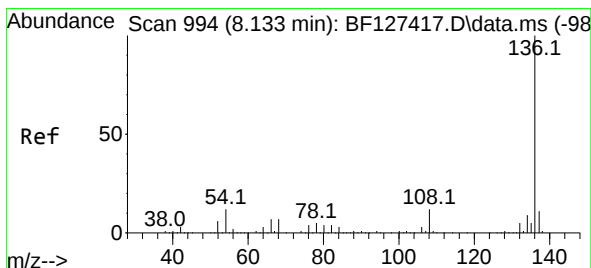
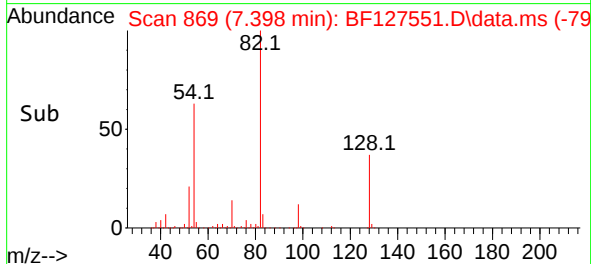
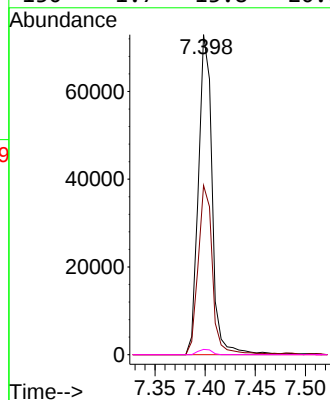
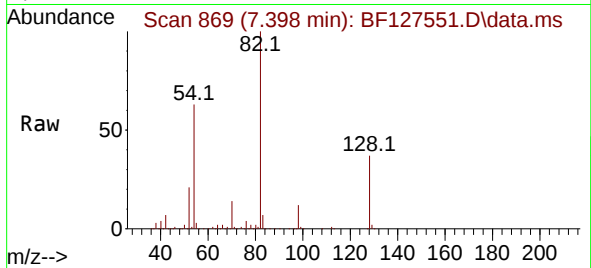




#19
n-Nitroso-di-n-propylamine
Concen: 14.741 ng
RT: 7.398 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

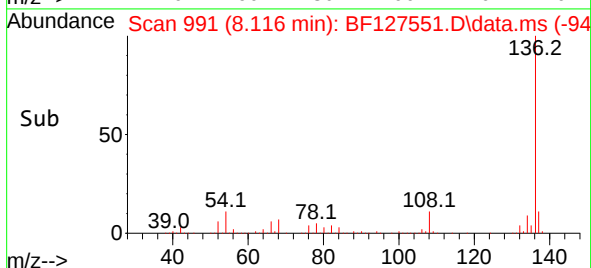
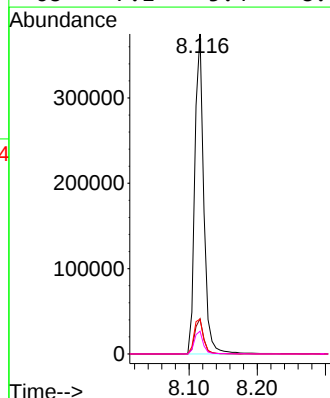
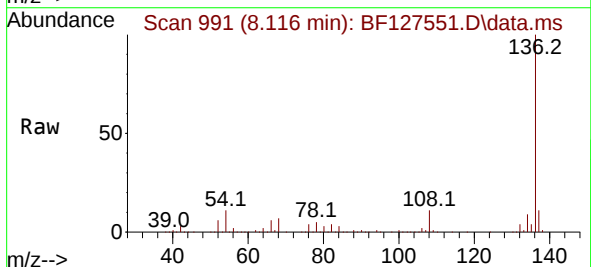
Instrument :
BNA_F
ClientSampleId :
SS5

Tgt Ion: 70 Resp: 69719
Ion Ratio Lower Upper
70 100
42 52.9 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: BF127551.D
Acq: 28 Mar 2022 19:35

Tgt Ion:136 Resp: 340934
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.9 9.2 13.8
68 7.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 65.622 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF127551.D

Acq: 28 Mar 2022 19:35

Instrument :

BNA_F

ClientSampleId :

SS5

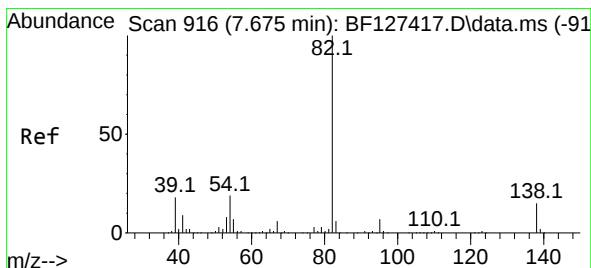
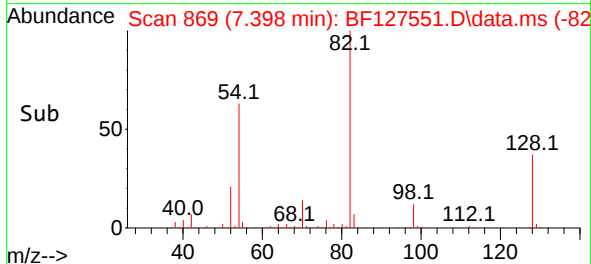
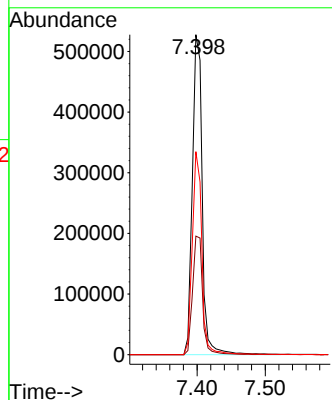
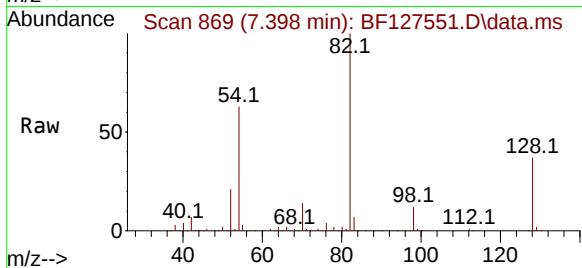
Tgt Ion: 82 Resp: 523394

Ion Ratio Lower Upper

82 100

128 37.0 30.6 45.8

54 63.5 48.2 72.2



#25

Isophorone

Concen: 41.201 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.265 min

Lab File: BF127551.D

Acq: 28 Mar 2022 19:35

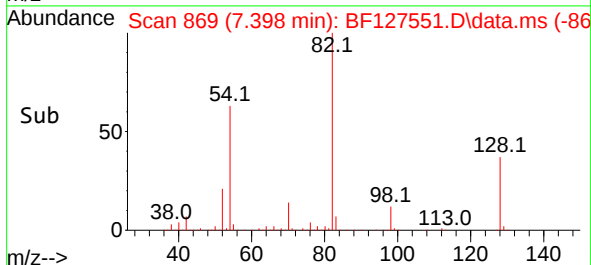
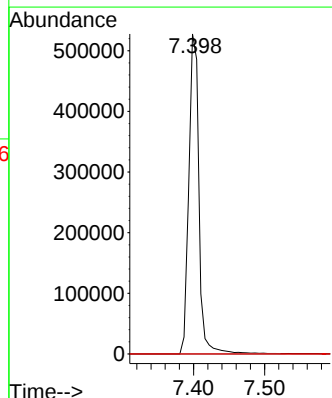
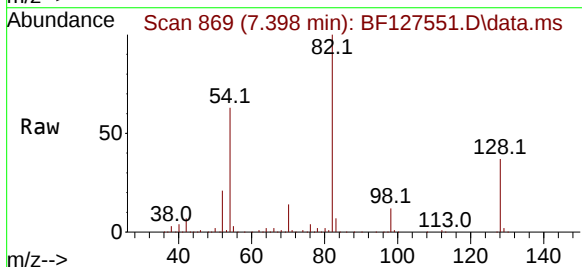
Tgt Ion: 82 Resp: 523389

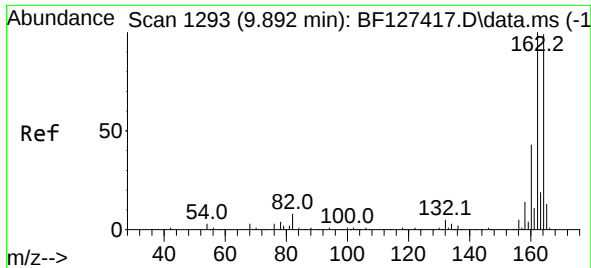
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

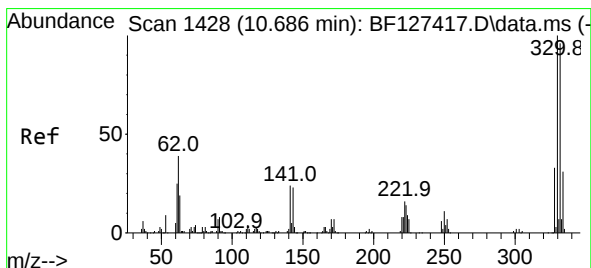
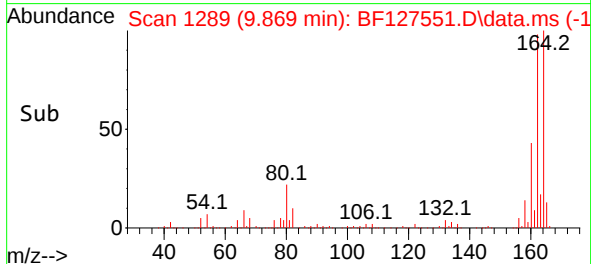
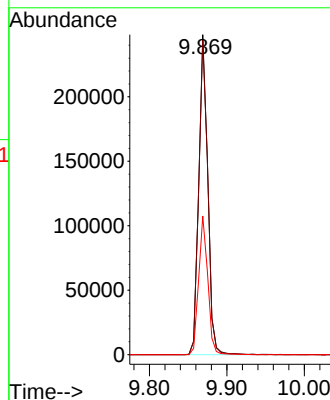
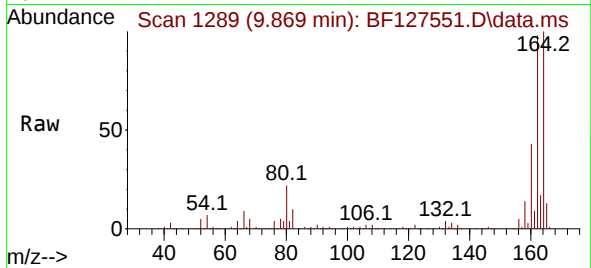




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

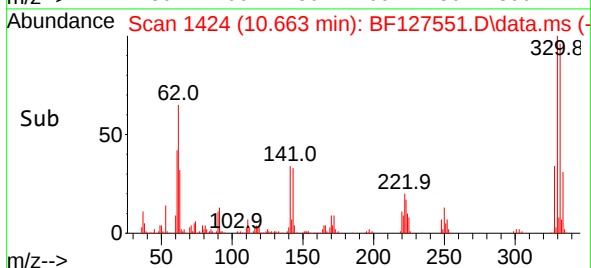
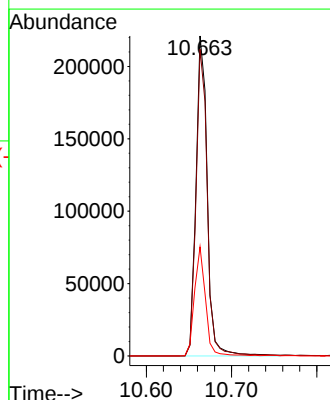
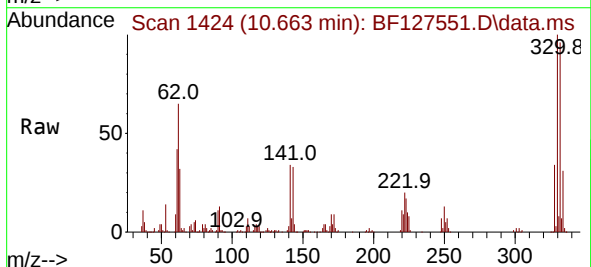
Instrument :
BNA_F
ClientSampleId :
SS5

Tgt Ion:164 Resp: 199741
Ion Ratio Lower Upper
164 100
162 98.2 81.2 121.8
160 43.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 95.675 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

Tgt Ion:330 Resp: 203572
Ion Ratio Lower Upper
330 100
332 95.7 79.1 118.7
141 33.3 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 66.791 ng

RT: 9.186 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF127551.D

Acq: 28 Mar 2022 19:35

Instrument :

BNA_F

ClientSampleId :

SS5

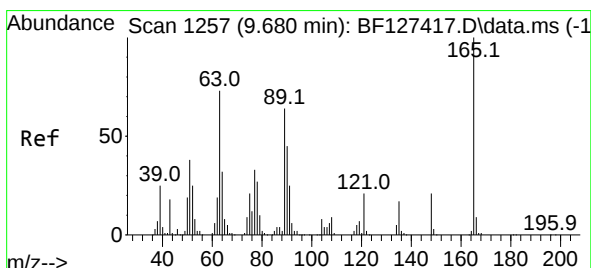
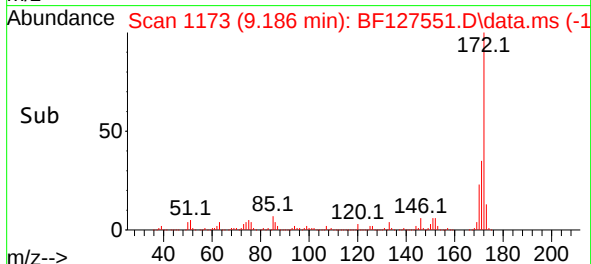
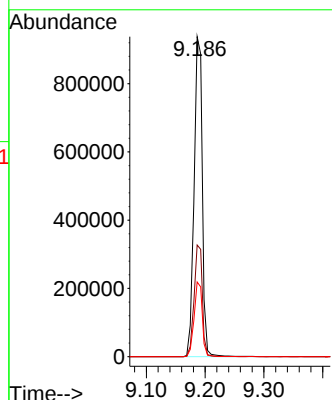
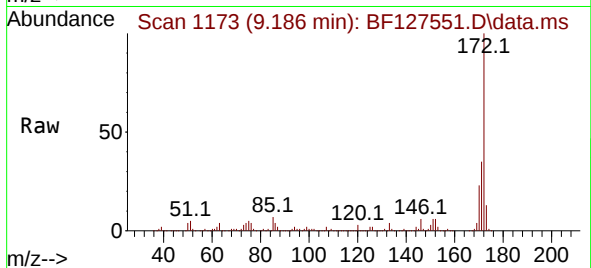
Tgt Ion:172 Resp: 913614

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.4 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.601 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127551.D

Acq: 28 Mar 2022 19:35

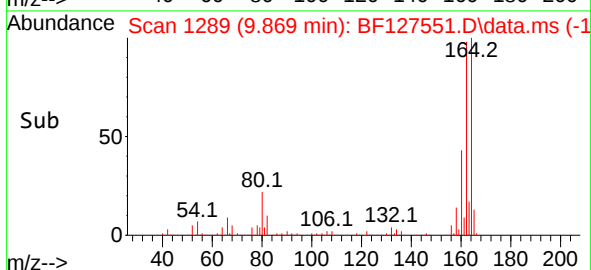
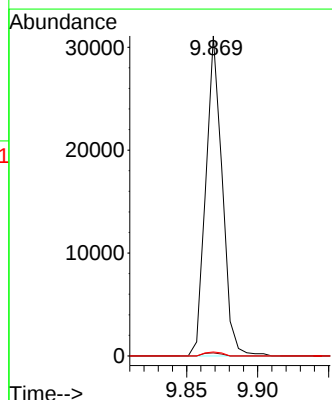
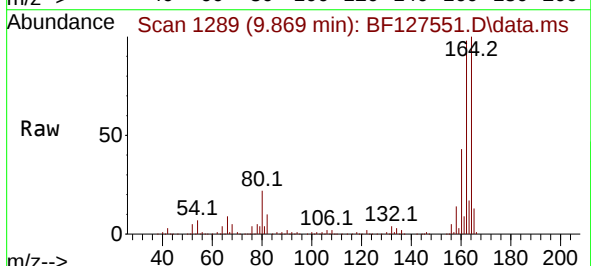
Tgt Ion:165 Resp: 25087

Ion Ratio Lower Upper

165 100

63 0.9 58.3 87.5#

89 1.2 51.5 77.3#

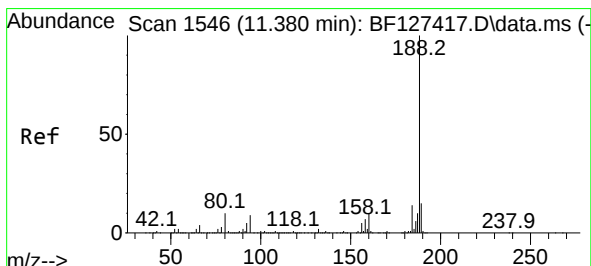
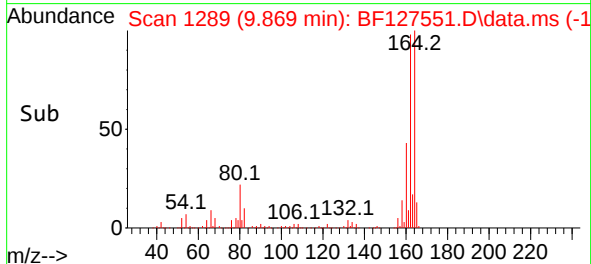
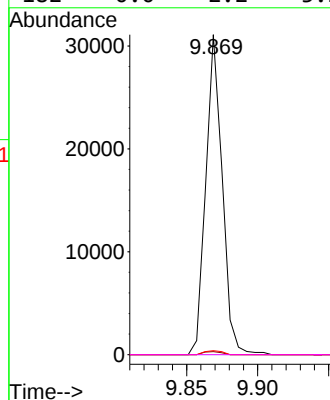
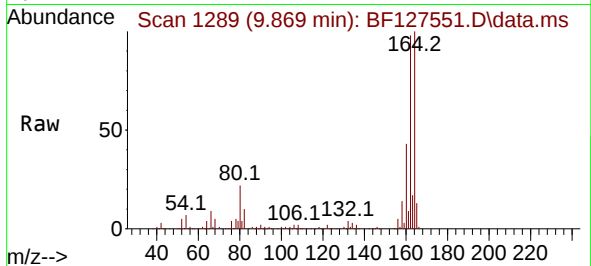




#57
2,4-Dinitrotoluene
Concen: 6.682 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

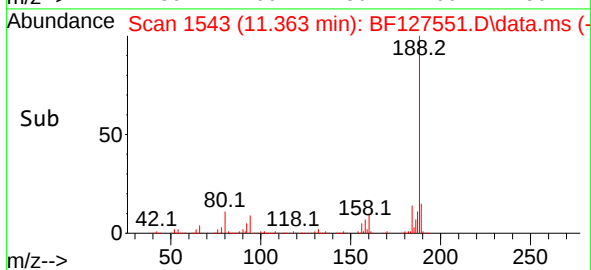
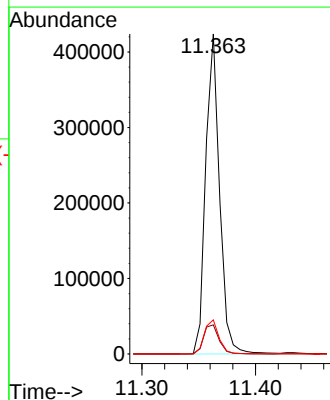
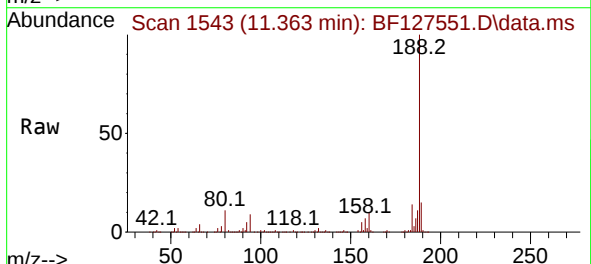
Instrument :
BNA_F
ClientSampleId :
SS5

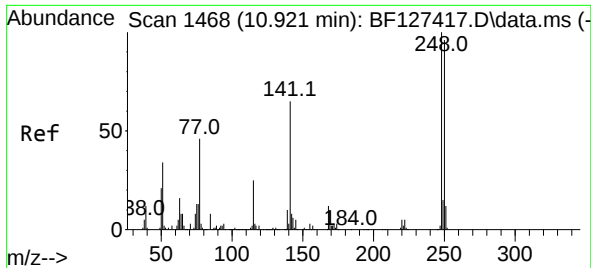
Tgt Ion:165 Resp: 25087
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

Tgt Ion:188 Resp: 359247
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.6 8.0 12.0

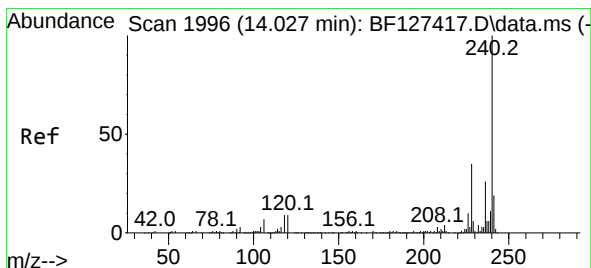
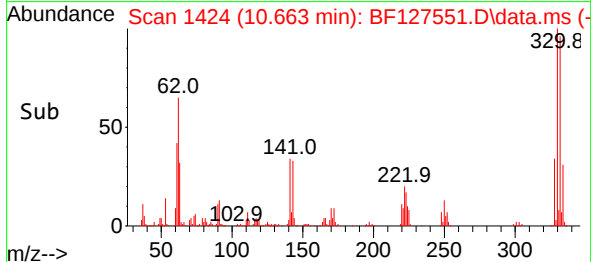
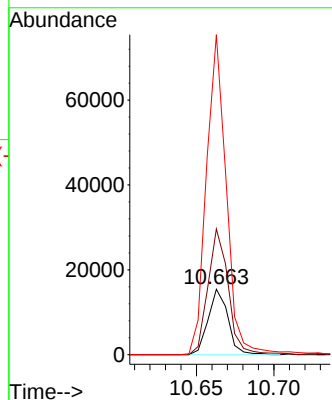
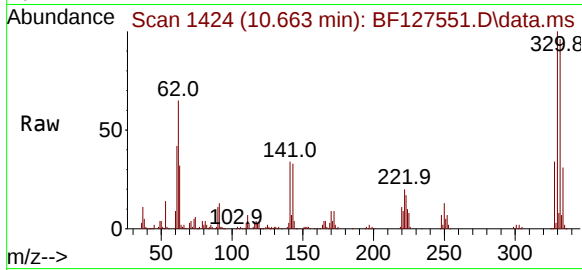




#67
4-Bromophenyl-phenylether
Concen: 3.271 ng
RT: 10.663 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

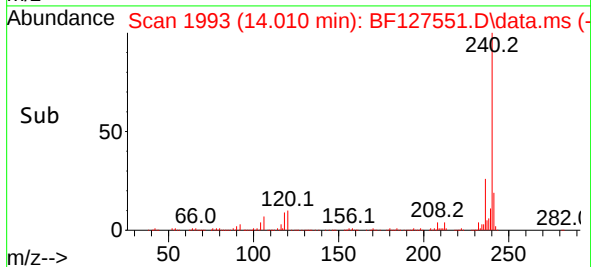
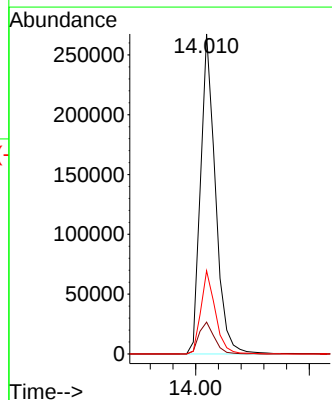
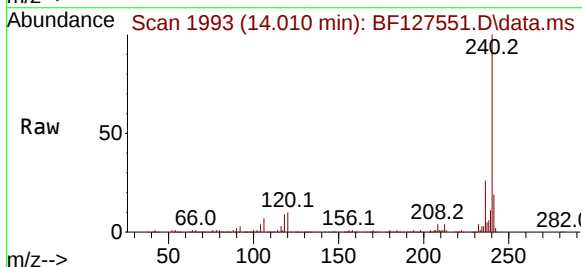
Instrument :
BNA_F
ClientSampleId :
SS5

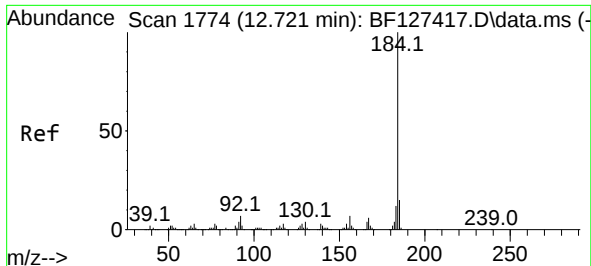
Tgt Ion:248 Resp: 13718
Ion Ratio Lower Upper
248 100
250 192.1 76.6 115.0#
141 488.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

Tgt Ion:240 Resp: 243046
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 26.0 20.7 31.1

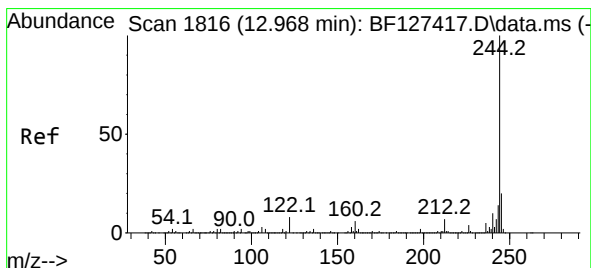
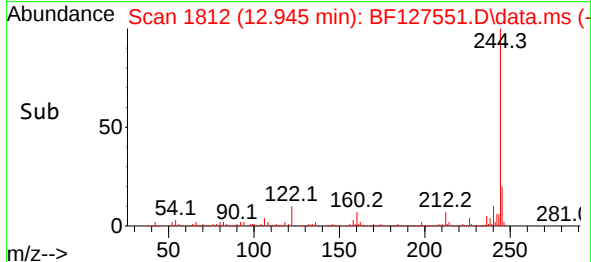
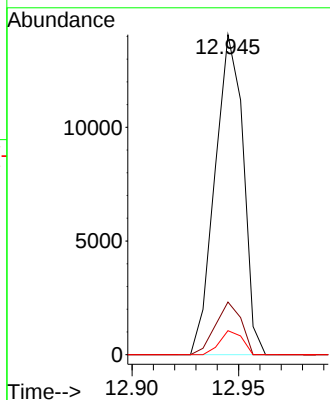
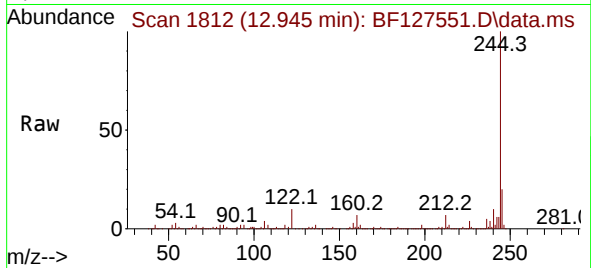




#77
Benzidine
Concen: 2.239 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.235 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

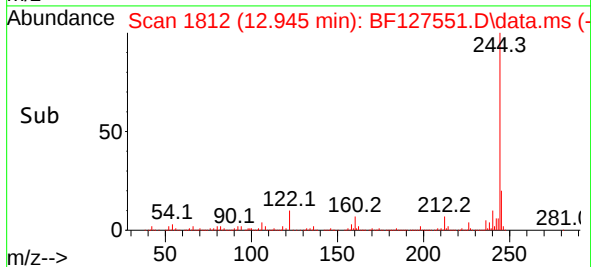
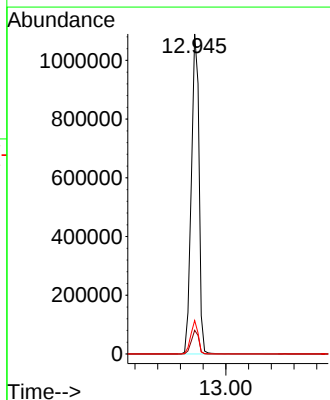
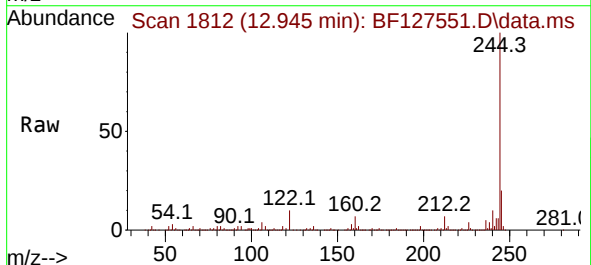
Instrument :
BNA_F
ClientSampleId :
SS5

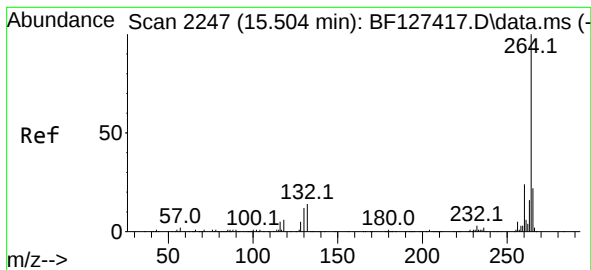
Tgt Ion:184 Resp: 12975
Ion Ratio Lower Upper
184 100
185 16.4 12.2 18.2
183 7.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 68.946 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

Tgt Ion:244 Resp: 1023633
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.5 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127551.D

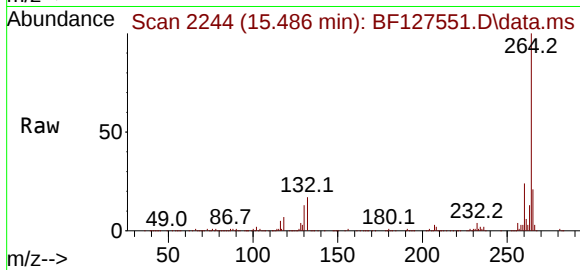
Acq: 28 Mar 2022 19:35

Instrument :

BNA_F

ClientSampleId :

SS5



Tgt Ion:264 Resp: 209810

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 20.9 17.4 26.2

