

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126817.D
 Acq On : 04 Feb 2022 18:05
 Operator : CG/JU
 Sample : N1381-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-09(25-30)-02-02-22

Quant Time: Feb 04 23:55:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

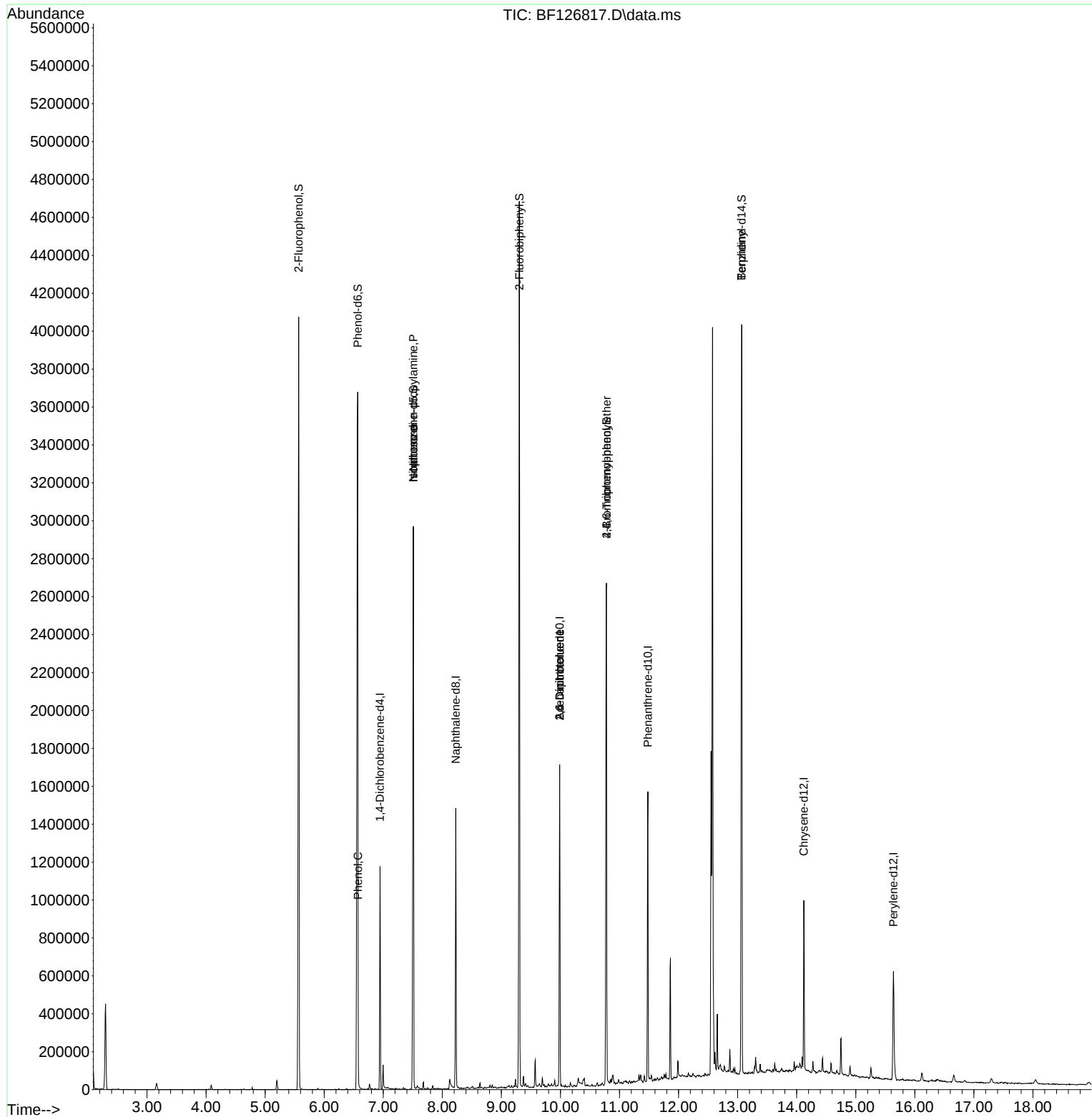
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	142572	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	546305	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	300171	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	514807	20.000	ng	0.00
76) Chrysene-d12	14.121	240	284831	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	251594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1221749	117.371	ng	0.00
7) Phenol-d6	6.569	99	1635438	113.582	ng	0.00
23) Nitrobenzene-d5	7.510	82	1161136	79.545	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	339091	108.848	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1403660	77.430	ng	0.00
79) Terphenyl-d14	13.068	244	1306178	76.713	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.575	94	49086	3.185	ng	85
19) n-Nitroso-di-n-propyla...	7.510	70	153151	16.153	ng	# 67
25) Isophorone	7.510	82	1155084	46.107	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	37862	8.883	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	37862	6.554	ng	# 15
67) 4-Bromophenyl-phenylether	10.780	248	21374	3.627	ng	# 1
77) Benzidine	13.068	184	16661	2.550	ng	94

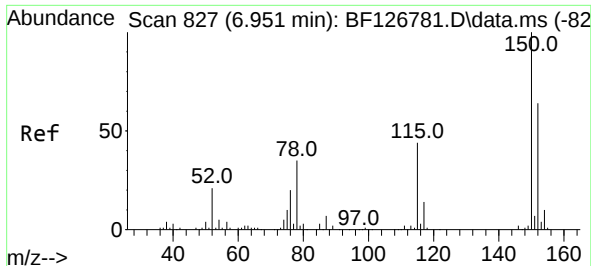
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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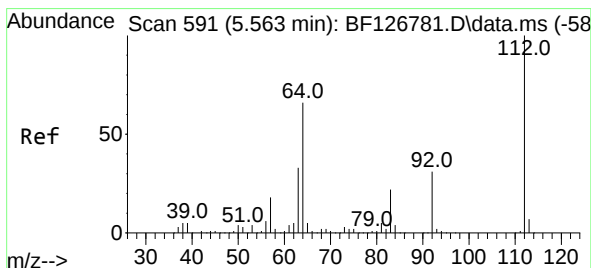
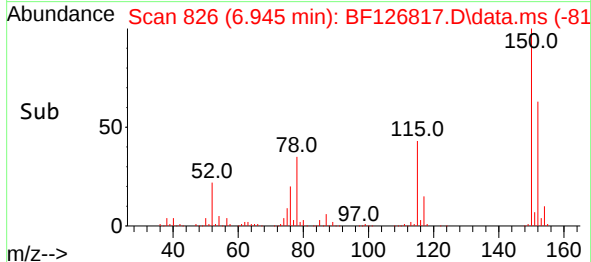
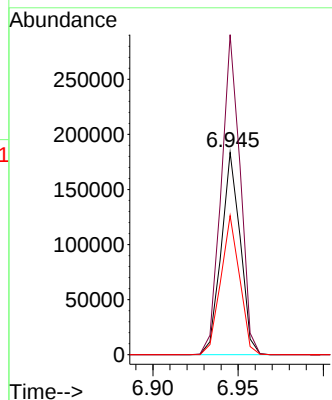
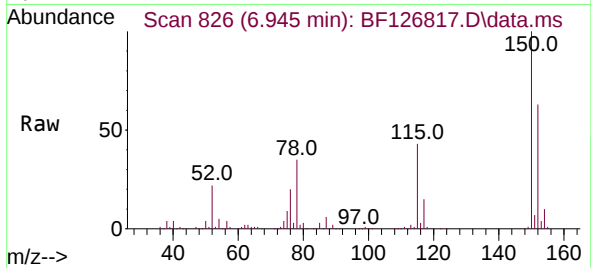




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

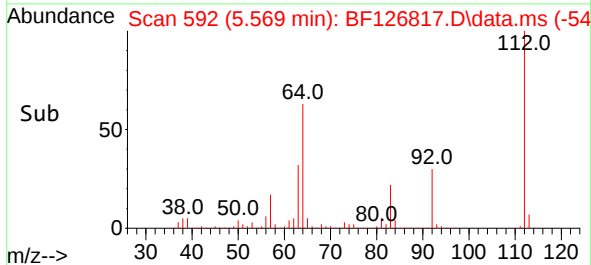
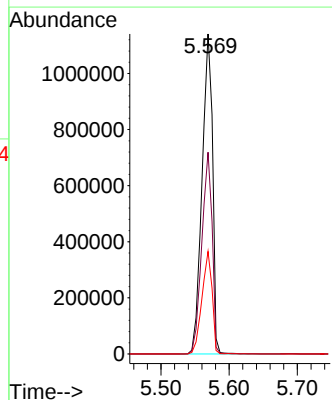
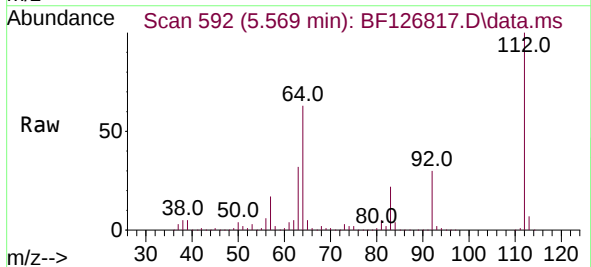
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22

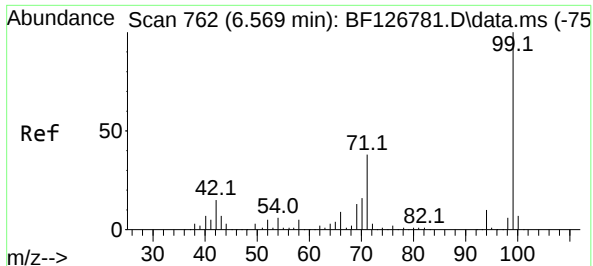
Tgt Ion:152 Resp: 142572
Ion Ratio Lower Upper
152 100
150 158.2 128.1 192.1
115 68.8 56.7 85.1



#5
2-Fluorophenol
Concen: 117.371 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.006 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

Tgt Ion:112 Resp: 1221749
Ion Ratio Lower Upper
112 100
64 63.1 49.5 74.3
63 32.1 23.9 35.9

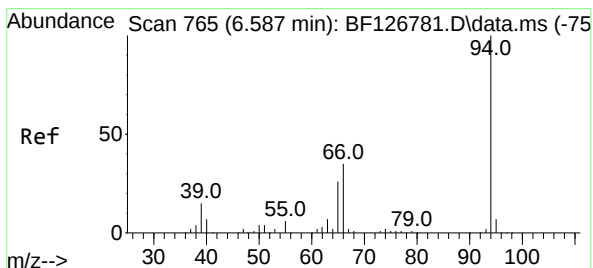
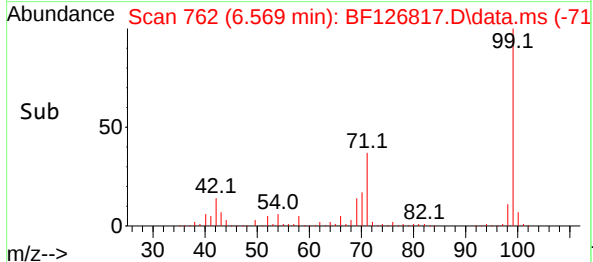
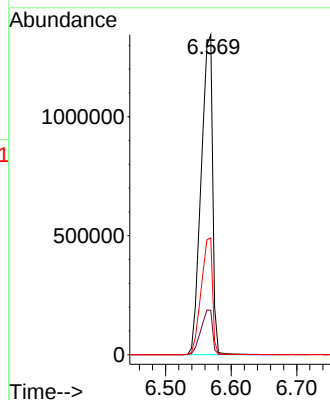
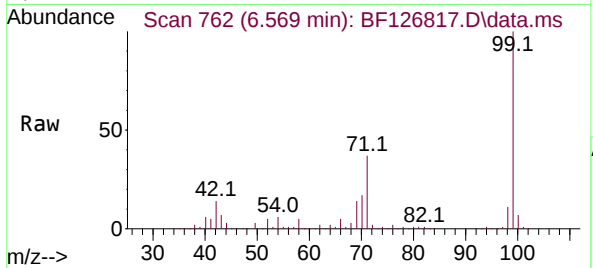




#7
Phenol-d6
Concen: 113.582 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

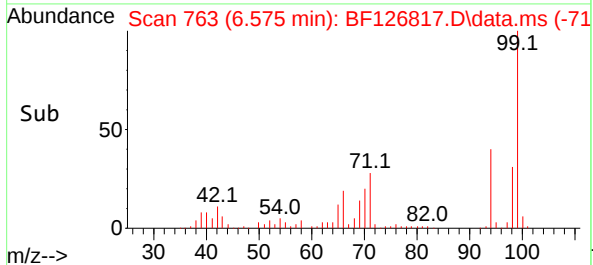
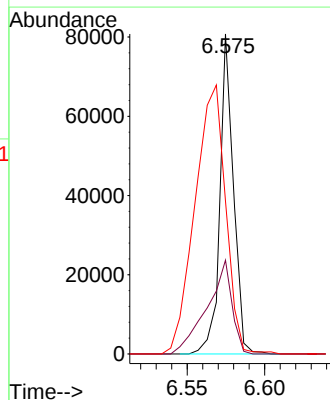
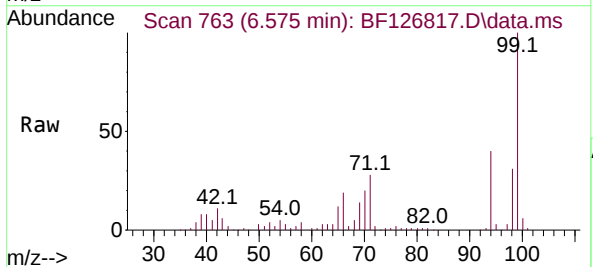
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22

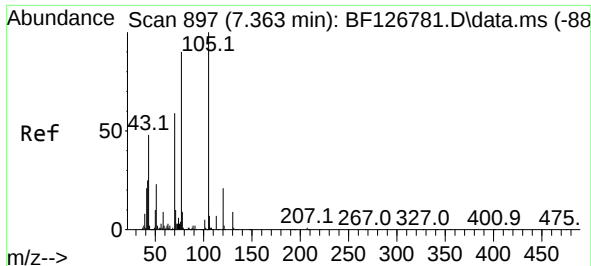
Tgt Ion: 99 Resp: 1635438
Ion Ratio Lower Upper
99 100
42 13.9 14.2 21.4#
71 36.5 24.3 36.5#



#10
Phenol
Concen: 3.185 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

Tgt Ion: 94 Resp: 49086
Ion Ratio Lower Upper
94 100
65 29.3 7.2 47.2
66 47.8 14.5 54.5

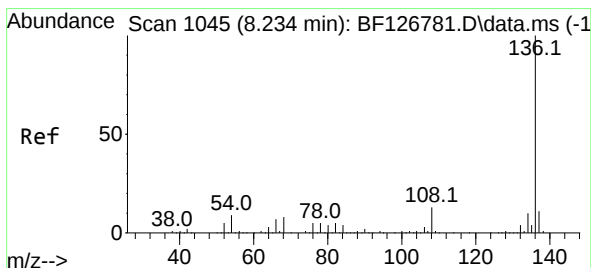
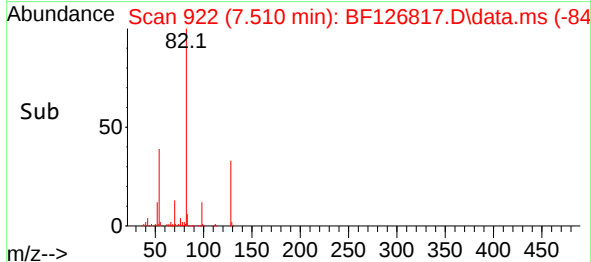
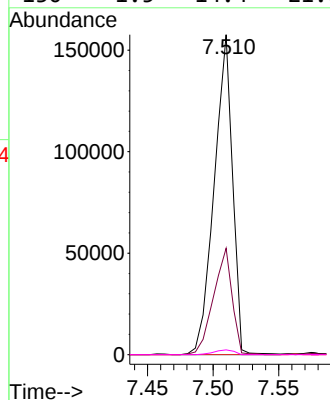
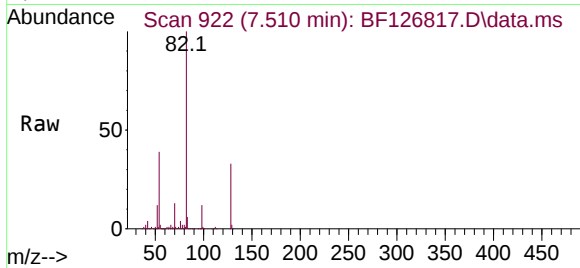




#19
n-Nitroso-di-n-propylamine
Concen: 16.153 ng
RT: 7.510 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

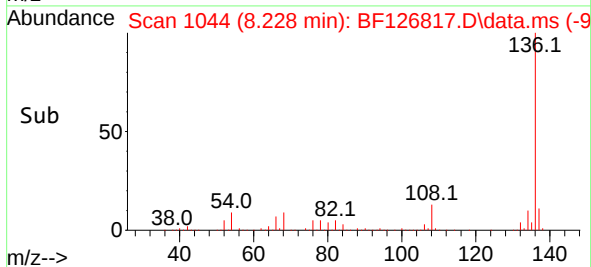
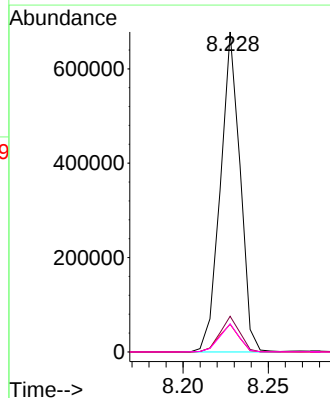
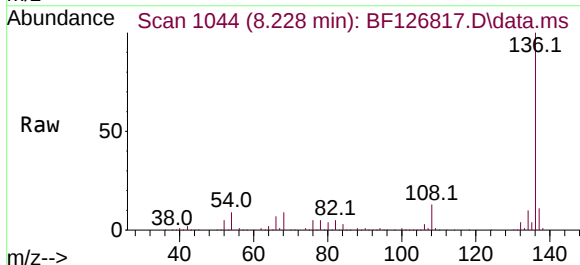
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22

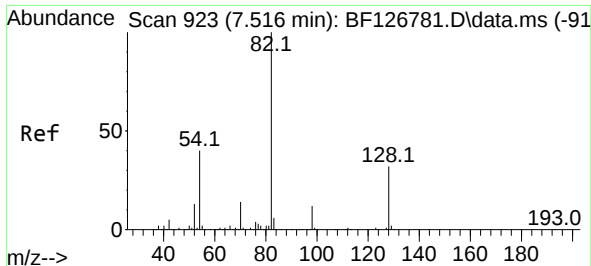
Tgt Ion: 70	Resp: 153151
Ion Ratio	Lower Upper
70 100	
42 33.2	45.8 68.8#
101 0.0	6.9 10.3#
130 1.5	14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

Tgt Ion: 136	Resp: 546305
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 13.0
54 8.6	7.8 11.6
68 8.8	6.3 9.5





#23

Nitrobenzene-d5

Concen: 79.545 ng

RT: 7.510 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126817.D

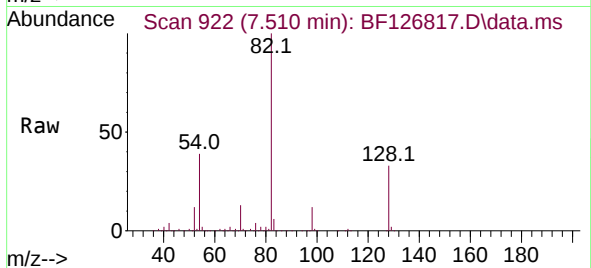
Acq: 04 Feb 2022 18:05

Instrument :

BNA_F

ClientSampleId :

DB-09(25-30)-02-02-22



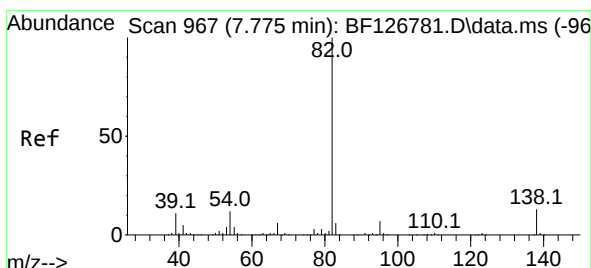
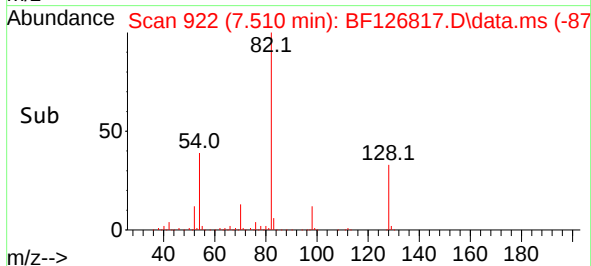
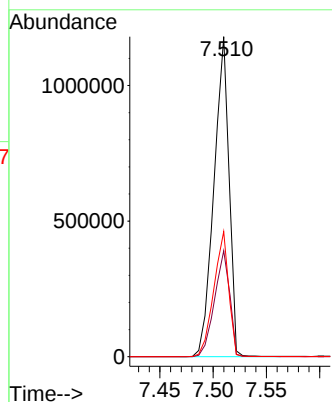
Tgt Ion: 82 Resp: 1161136

Ion Ratio Lower Upper

82 100

128 33.1 32.7 49.1

54 39.1 41.7 62.5#



#25

Isophorone

Concen: 46.107 ng

RT: 7.510 min Scan# 922

Delta R.T. -0.265 min

Lab File: BF126817.D

Acq: 04 Feb 2022 18:05

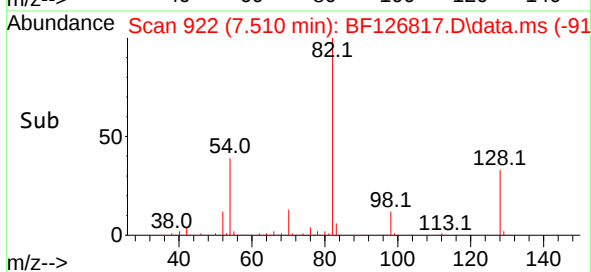
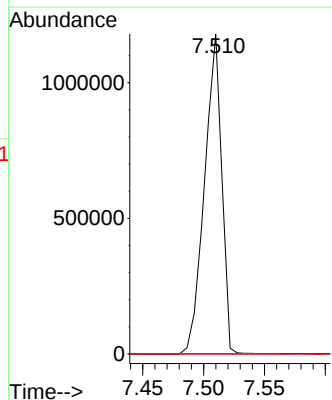
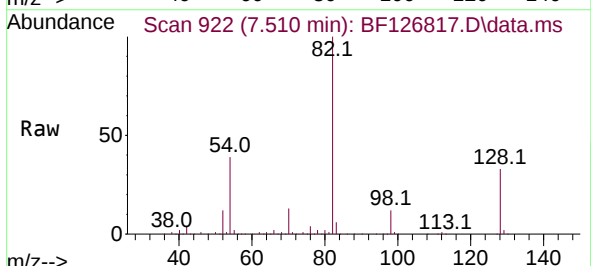
Tgt Ion: 82 Resp: 1155084

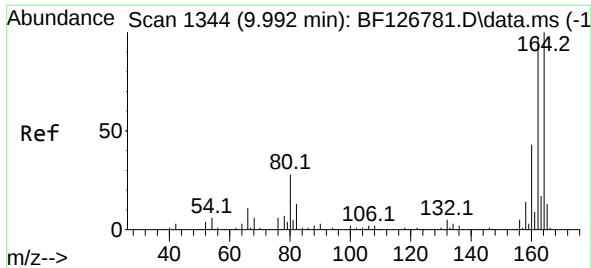
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126817.D

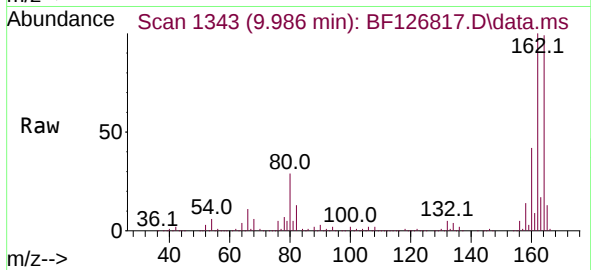
Acq: 04 Feb 2022 18:05

Instrument :

BNA_F

ClientSampleId :

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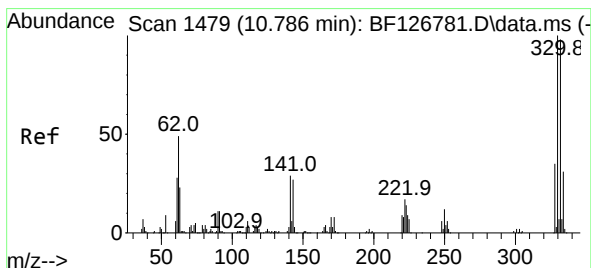
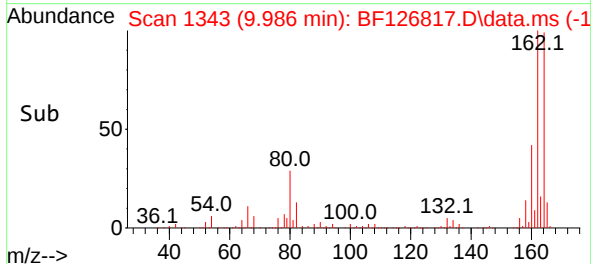
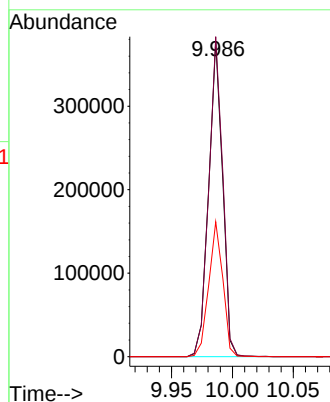
Tgt Ion:164 Resp: 300171

Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

160 42.7 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 108.848 ng

RT: 10.780 min Scan# 1478

Delta R.T. -0.006 min

Lab File: BF126817.D

Acq: 04 Feb 2022 18:05

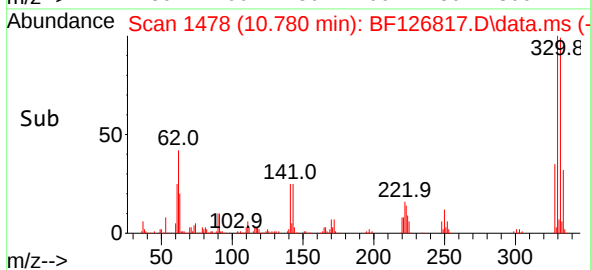
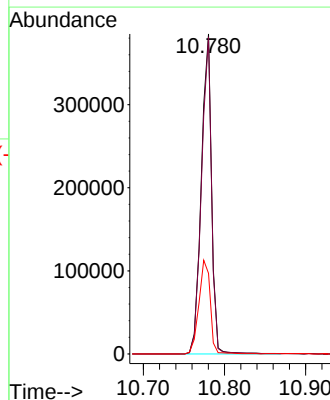
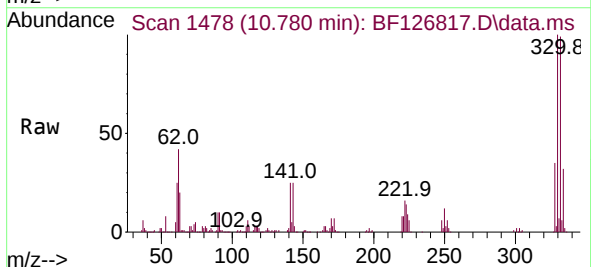
Tgt Ion:330 Resp: 339091

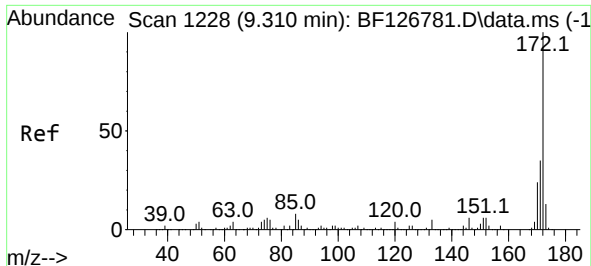
Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 32.5 30.1 45.1

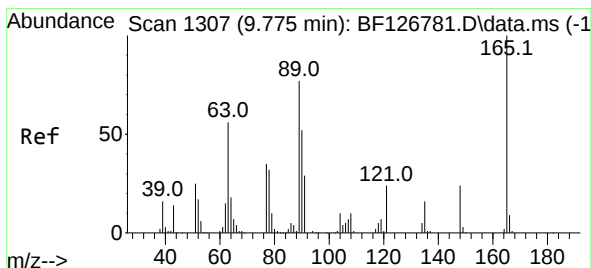
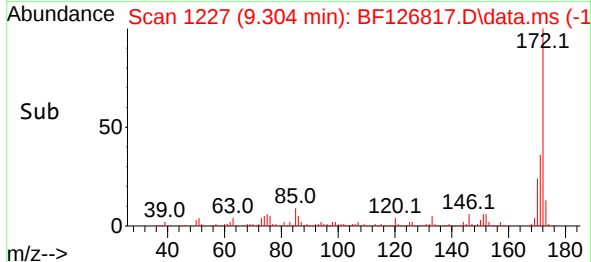
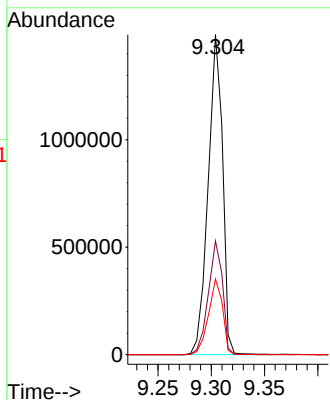
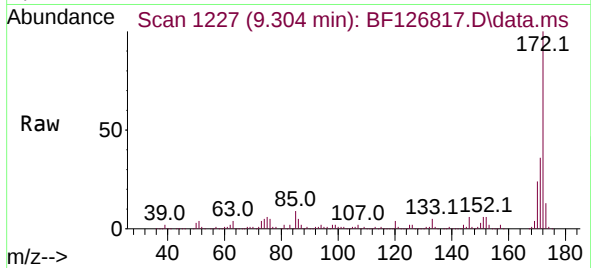




#45
2-Fluorobiphenyl
Concen: 77.430 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

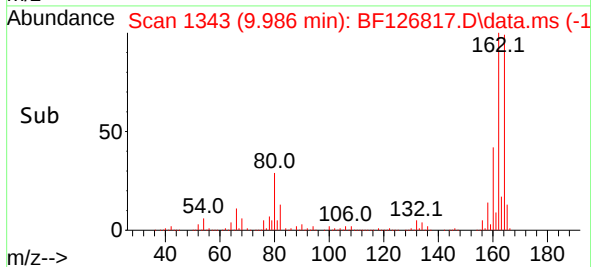
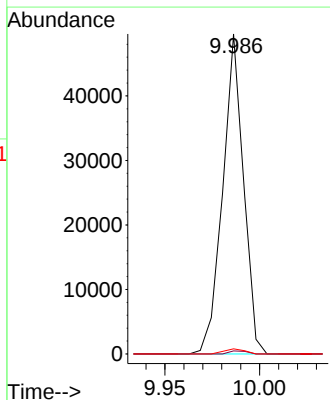
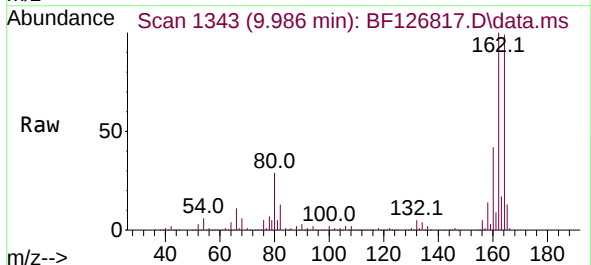
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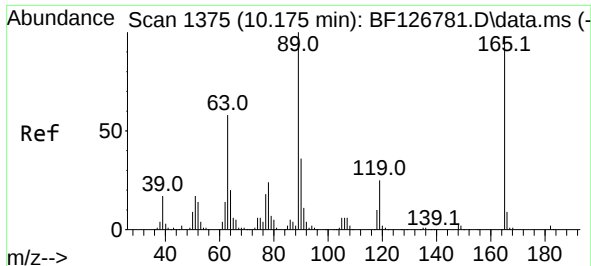
Tgt Ion:172 Resp: 1403660
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.883 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

Tgt Ion:165 Resp: 37862
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.6 50.5 75.7#

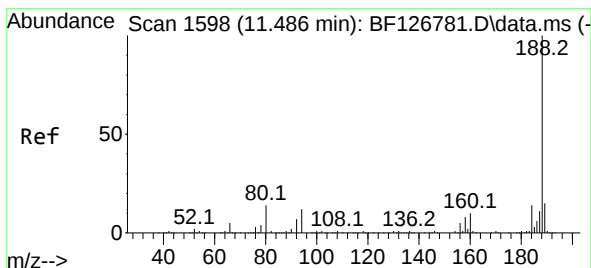
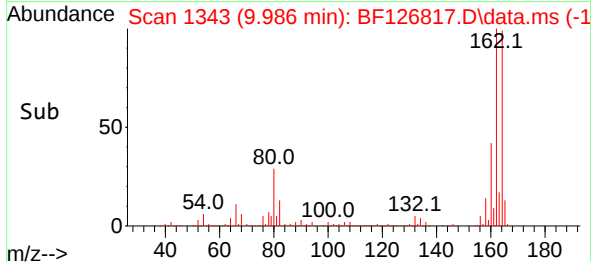
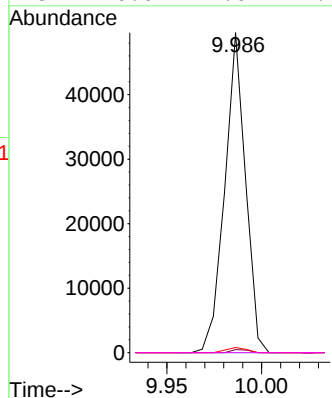
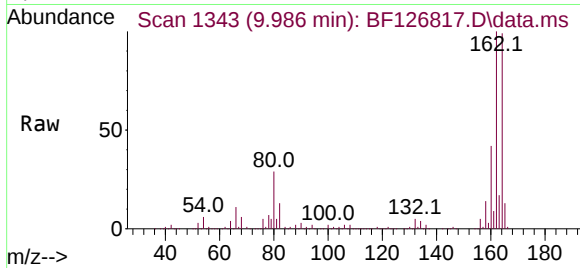




#57
2,4-Dinitrotoluene
Concen: 6.554 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

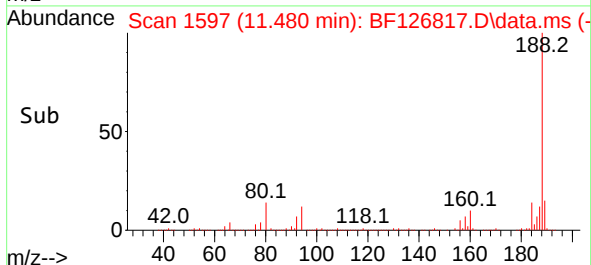
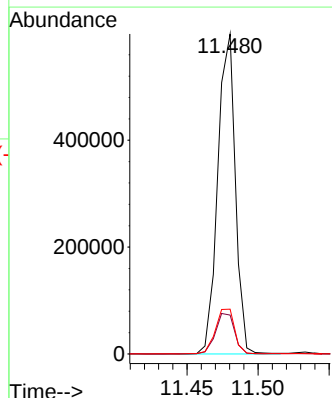
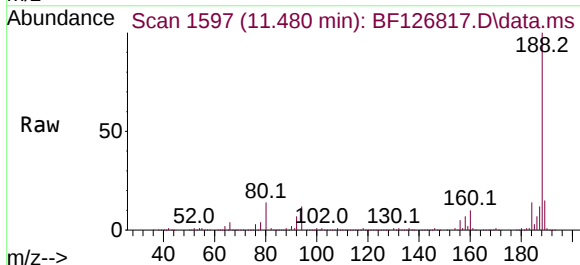
Instrument :
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DB-09(25-30)-02-02-22

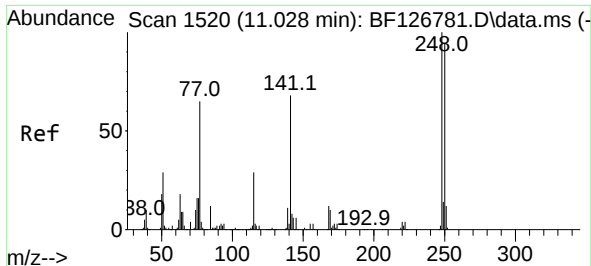
Tgt Ion:165 Resp: 37862
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

Tgt Ion:188 Resp: 514807
Ion Ratio Lower Upper
188 100
94 12.2 10.1 15.1
80 14.0 11.8 17.6

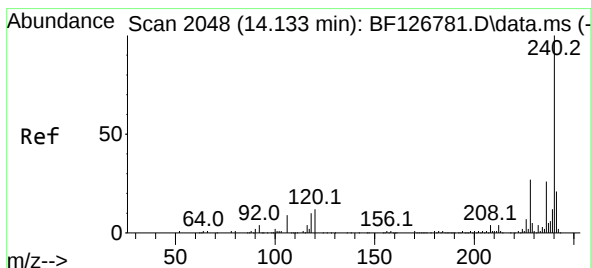
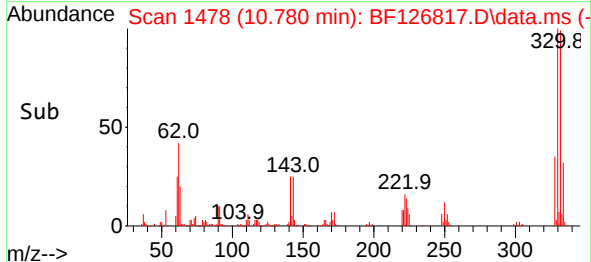
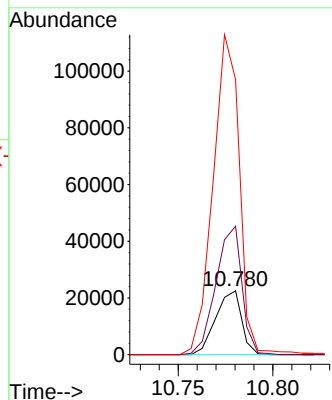
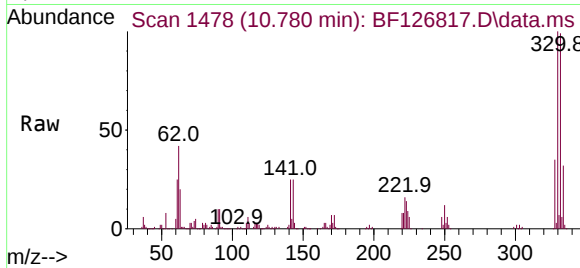




#67
4-Bromophenyl-phenylether
Concen: 3.627 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

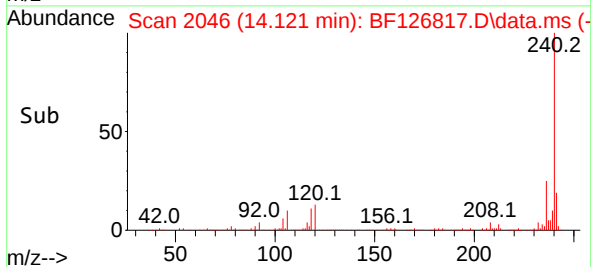
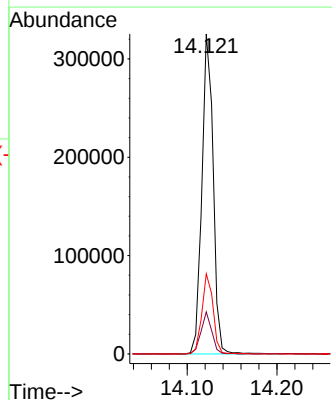
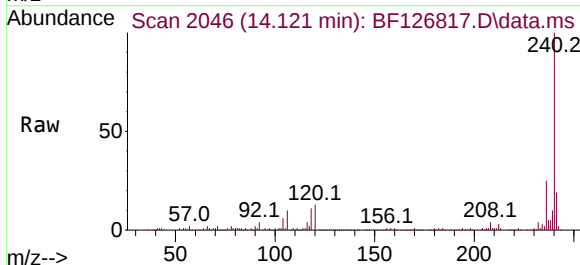
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22

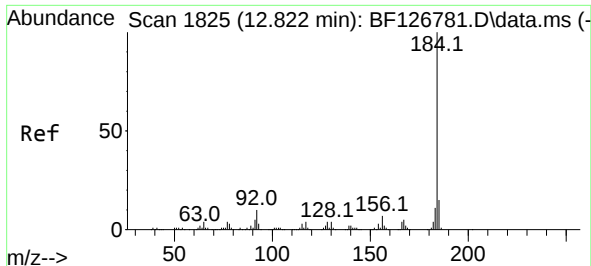
Tgt Ion:248 Resp: 21374
Ion Ratio Lower Upper
248 100
250 201.2 76.2 114.4#
141 430.6 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

Tgt Ion:240 Resp: 284831
Ion Ratio Lower Upper
240 100
120 13.1 14.4 21.6#
236 25.1 20.5 30.7

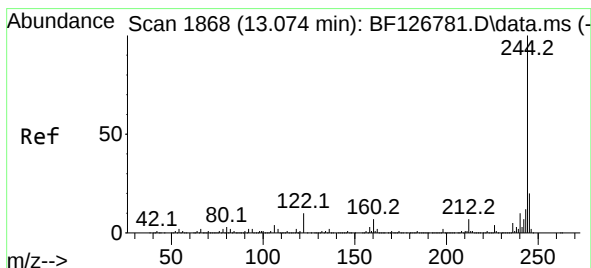
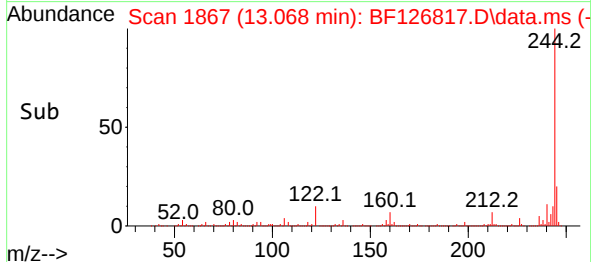
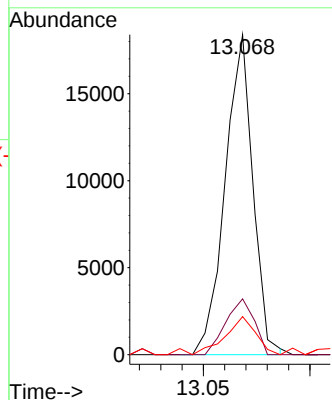
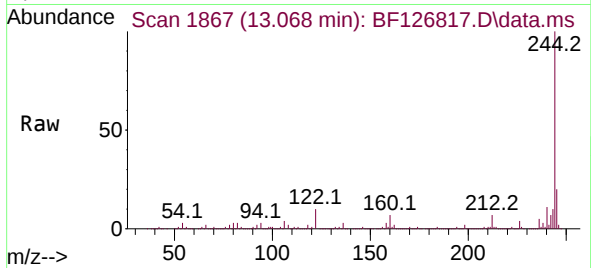




#77
Benzidine
Concen: 2.550 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

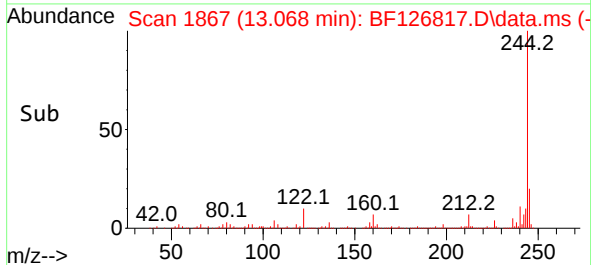
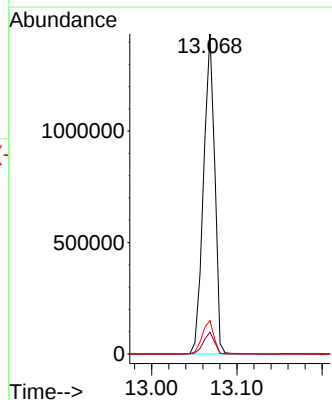
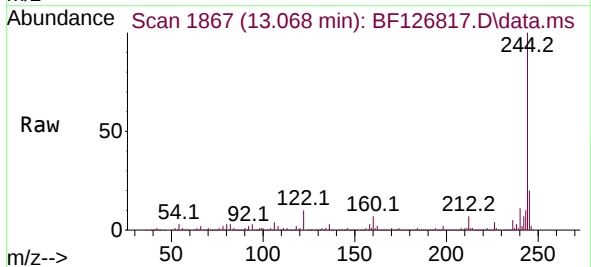
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22

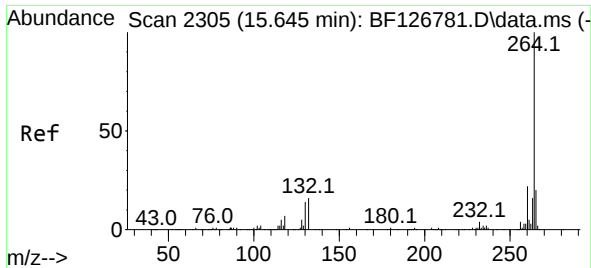
Tgt Ion:184 Resp: 16661
Ion Ratio Lower Upper
184 100
185 17.4 11.8 17.8
183 11.9 8.2 12.2



#79
Terphenyl-d14
Concen: 76.713 ng
RT: 13.068 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

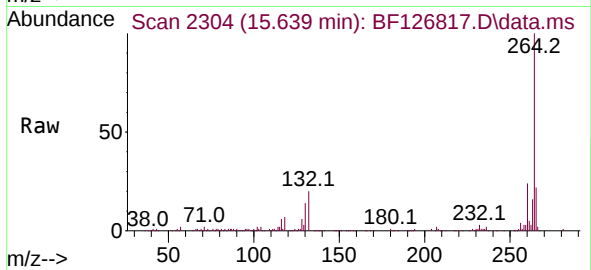
Tgt Ion:244 Resp: 1306178
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 10.5 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126817.D
Acq: 04 Feb 2022 18:05

Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22



Tgt Ion:264 Resp: 251594

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.4	26.2

