

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126688.D
 Acq On : 26 Jan 2022 16:03
 Operator : CG/JU
 Sample : N1248-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1-C2

Quant Time: Jan 27 03:13:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

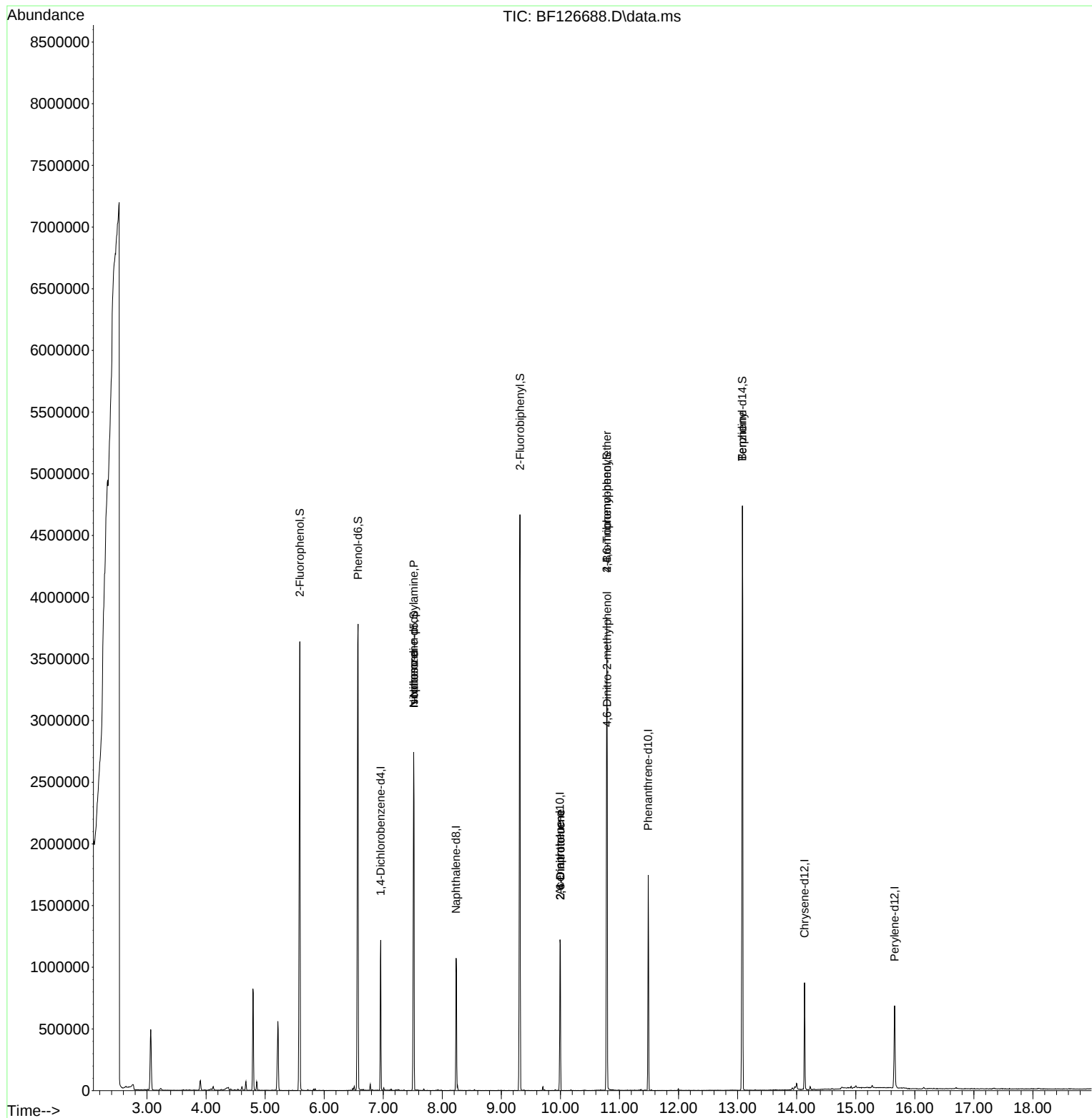
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	156844	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	441450	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	251183	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	534666	20.000	ng	0.00
76) Chrysene-d12	14.133	240	265678	20.000	ng	#-0.01
86) Perylene-d12	15.656	264	291425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	965627	81.015	ng	0.02
7) Phenol-d6	6.575	99	1510051	91.185	ng	0.00
23) Nitrobenzene-d5	7.516	82	1127110	99.935	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	444339	189.025	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1418640	86.496	ng	0.00
79) Terphenyl-d14	13.080	244	1756563	110.894	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	687	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.516	70	153284	12.682	ng	# 71
25) Isophorone	7.516	82	1127079	51.529	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	31124	10.110	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	31124	8.343	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	975	7.695	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	28953	4.699	ng	# 1
77) Benzidine	13.080	184	24446	2.667	ng	# 94

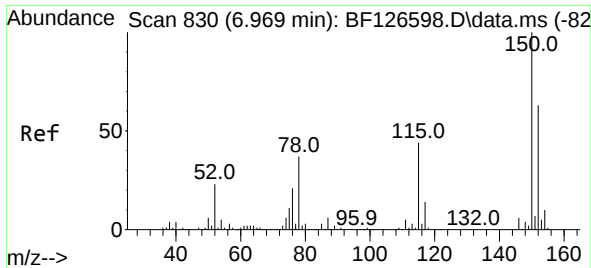
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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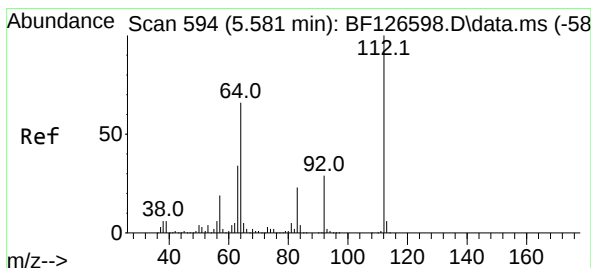
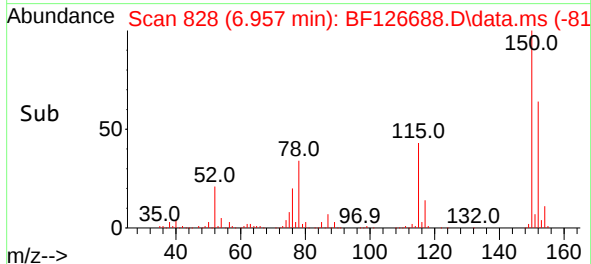
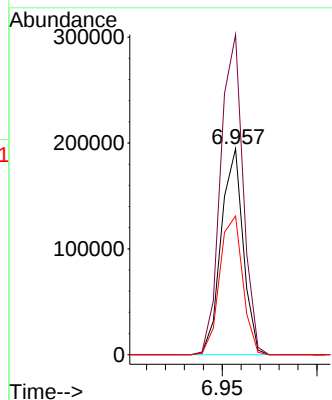
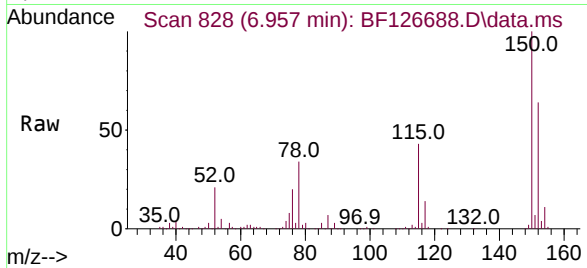




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126688.D
Acq: 26 Jan 2022 16:03

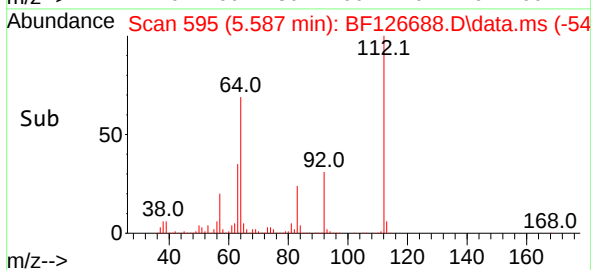
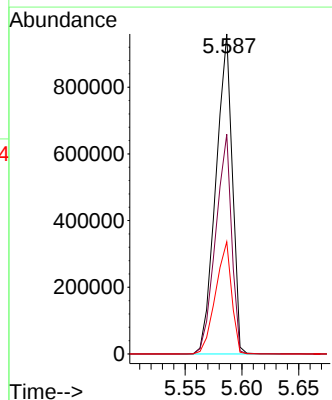
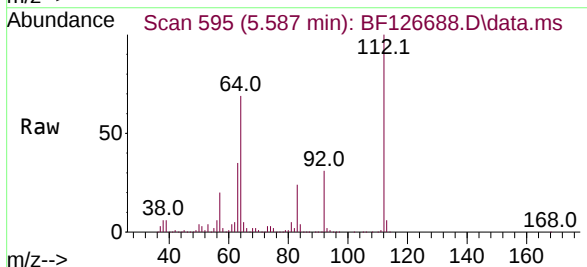
Instrument :
BNA_F
ClientSampleId :
C1-C2

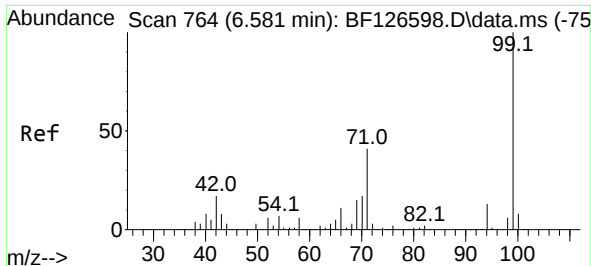
Tgt Ion:152 Resp: 156844
Ion Ratio Lower Upper
152 100
150 155.4 128.1 192.1
115 67.3 56.7 85.1



#5
2-Fluorophenol
Concen: 81.015 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126688.D
Acq: 26 Jan 2022 16:03

Tgt Ion:112 Resp: 965627
Ion Ratio Lower Upper
112 100
64 68.6 49.5 74.3
63 35.1 23.9 35.9





#7

Phenol-d6

Concen: 91.185 ng

RT: 6.575 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF126688.D

Acq: 26 Jan 2022 16:03

Instrument :

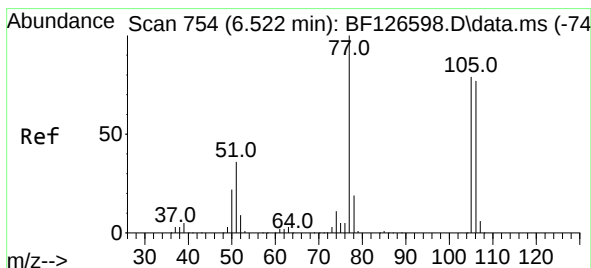
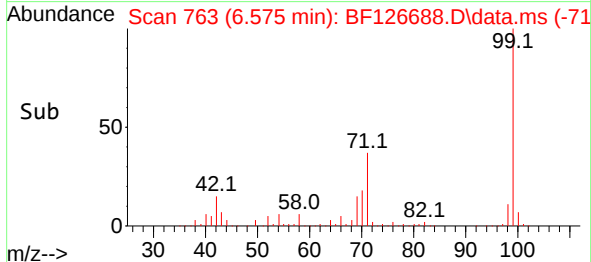
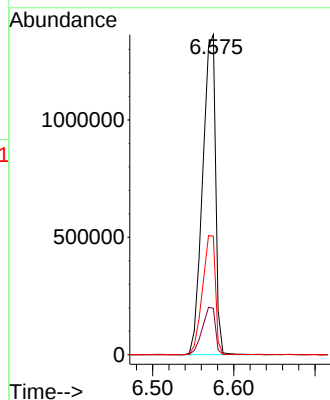
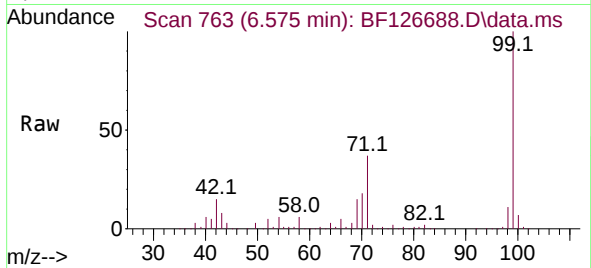
BNA_F

ClientSampleId :

C1-C2

Tgt Ion: 99 Resp: 1510051

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.2	21.4
71	37.0	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 752

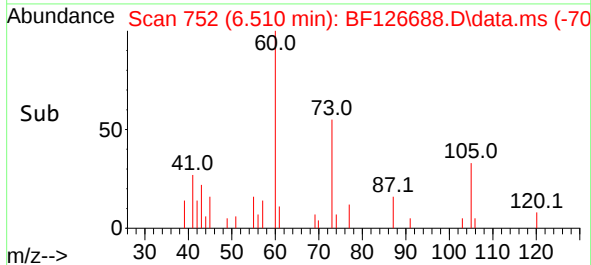
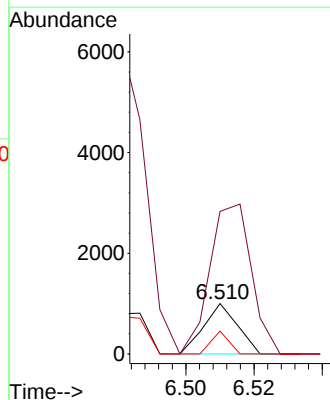
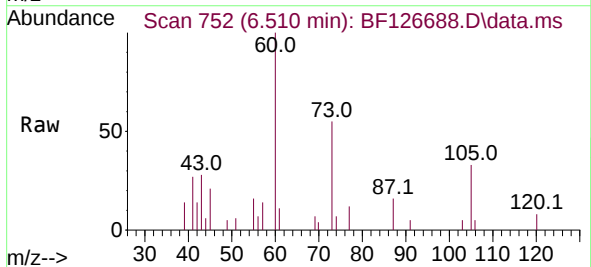
Delta R.T. -0.000 min

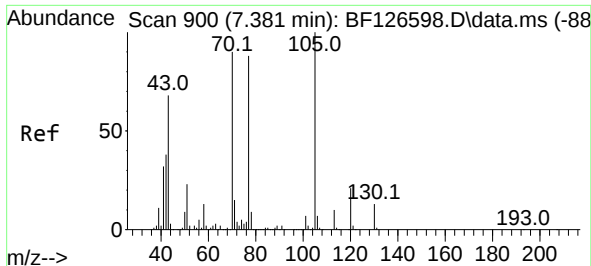
Lab File: BF126688.D

Acq: 26 Jan 2022 16:03

Tgt Ion: 77 Resp: 687

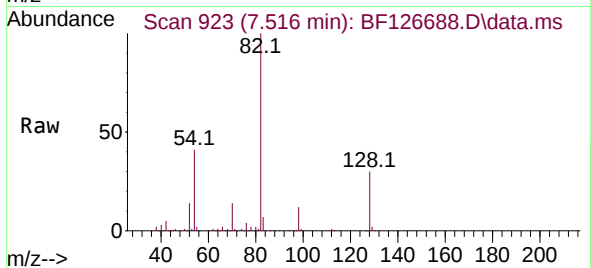
Ion	Ratio	Lower	Upper
77	100		
105	282.8	74.9	114.9
106	45.3	72.4	112.4



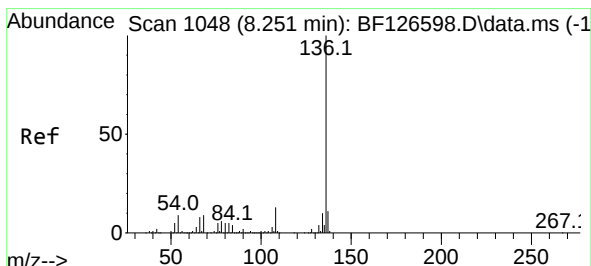
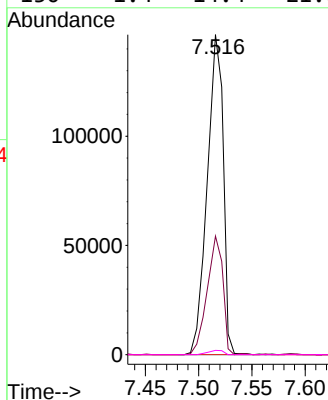
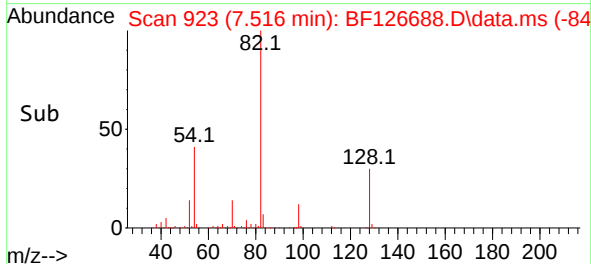


#19
n-Nitroso-di-n-propylamine
Concen: 12.682 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126688.D
Acq: 26 Jan 2022 16:03

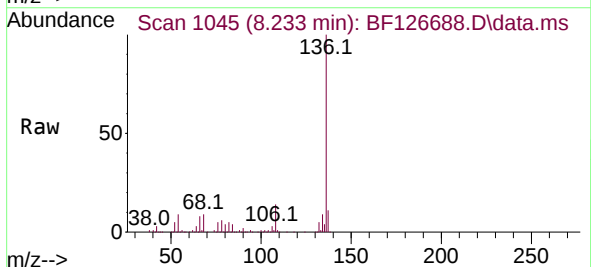
Instrument :
BNA_F
ClientSampleId :
C1-C2



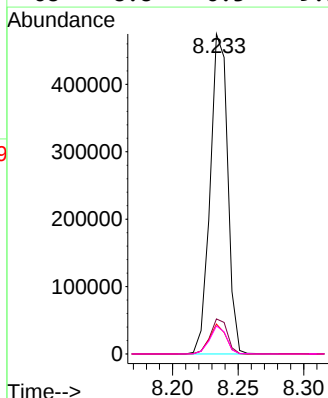
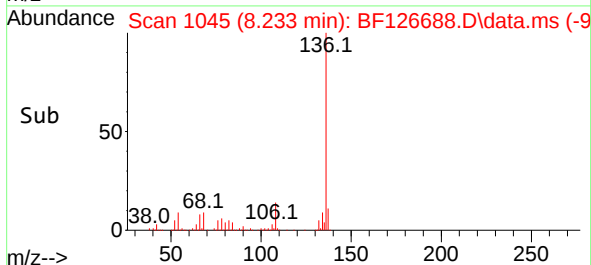
Tgt Ion: 70 Resp: 153284
Ion Ratio Lower Upper
70 100
42 37.0 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#

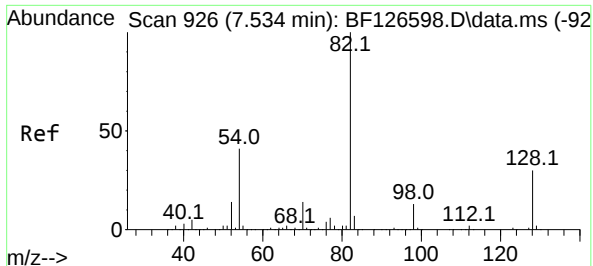


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF126688.D
Acq: 26 Jan 2022 16:03



Tgt Ion: 136 Resp: 441450
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.3 7.8 11.6
68 8.8 6.3 9.5





#23

Nitrobenzene-d5

Concen: 99.935 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126688.D

Acq: 26 Jan 2022 16:03

Instrument :

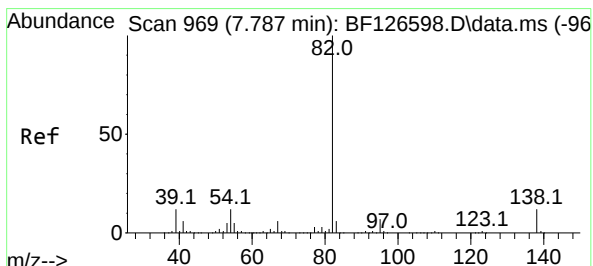
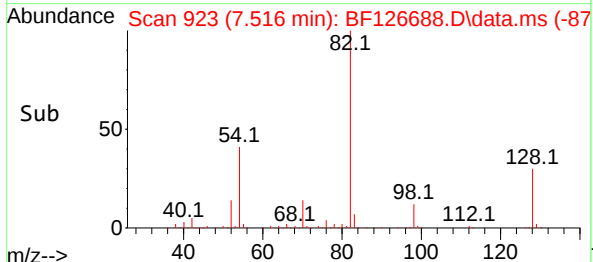
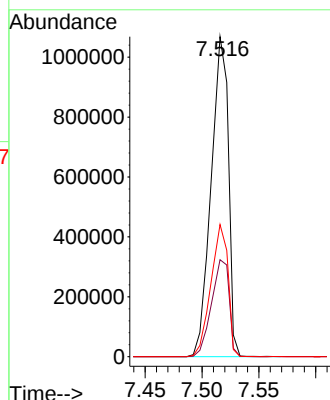
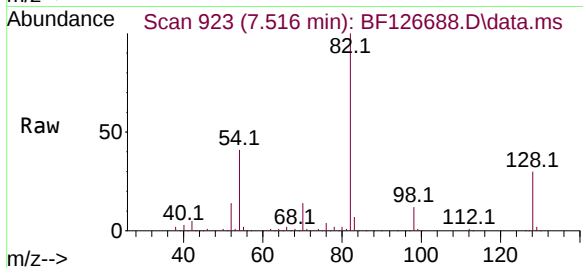
BNA_F

ClientSampleId :

C1-C2

Tgt Ion: 82 Resp: 1127110

Ion	Ratio	Lower	Upper
82	100		
128	30.3	32.7	49.1#
54	41.3	41.7	62.5#



#25

Isophorone

Concen: 51.529 ng

RT: 7.516 min Scan# 923

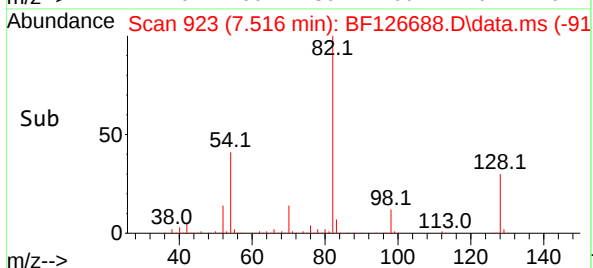
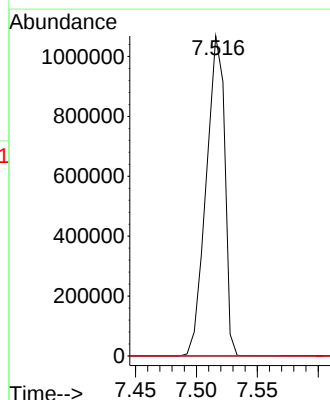
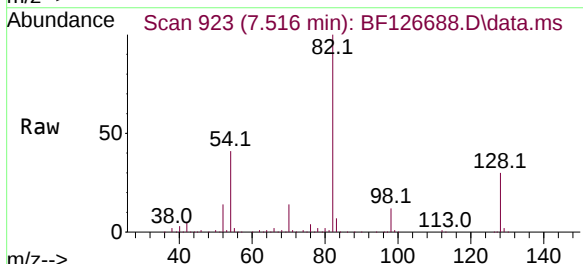
Delta R.T. -0.265 min

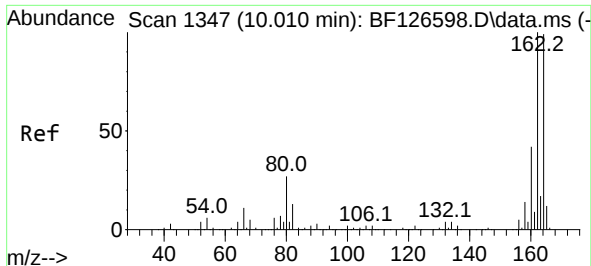
Lab File: BF126688.D

Acq: 26 Jan 2022 16:03

Tgt Ion: 82 Resp: 1127079

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: 9.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126688.D

Acq: 26 Jan 2022 16:03

Instrument :

BNA_F

ClientSampleId :

C1-C2

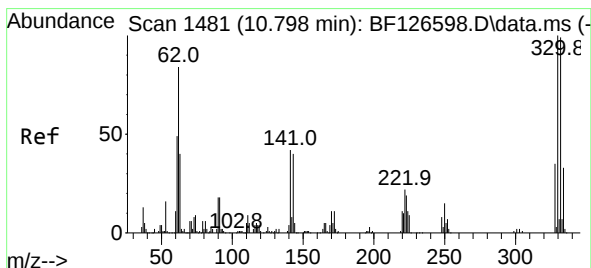
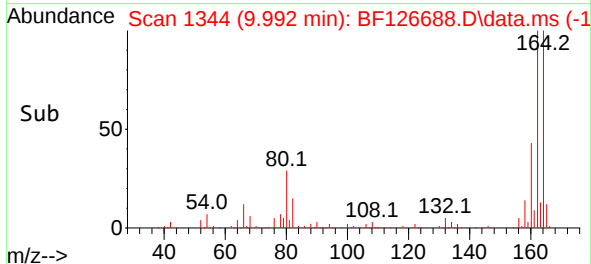
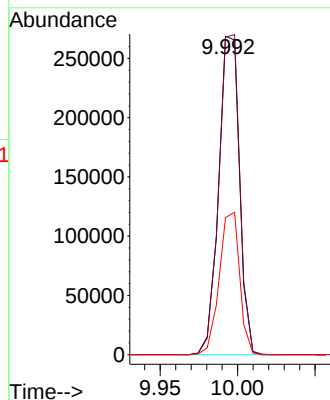
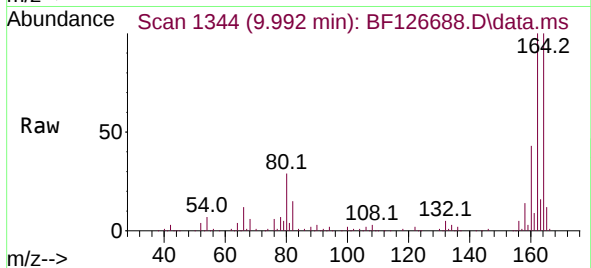
Tgt Ion:164 Resp: 251183

Ion Ratio Lower Upper

164 100

162 99.8 81.4 122.0

160 43.1 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 189.025 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126688.D

Acq: 26 Jan 2022 16:03

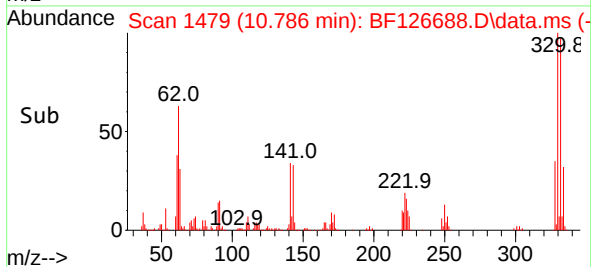
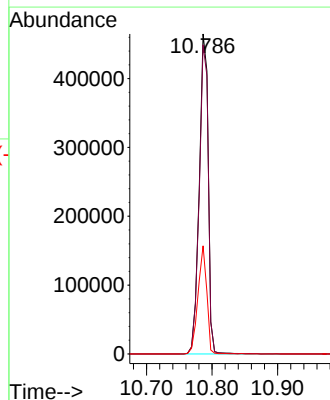
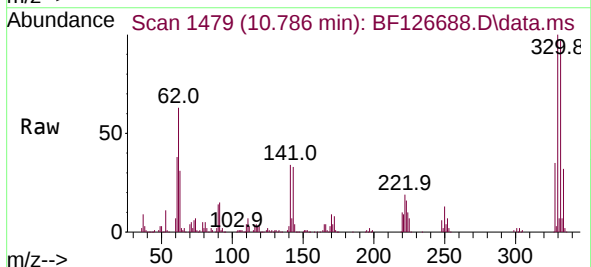
Tgt Ion:330 Resp: 444339

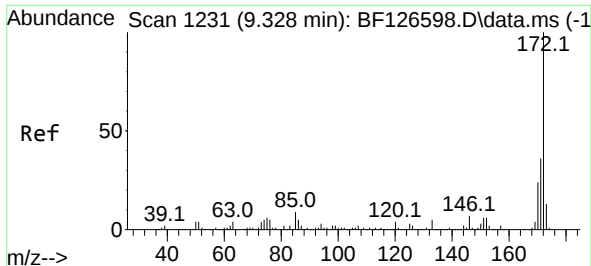
Ion Ratio Lower Upper

330 100

332 97.4 76.0 114.0

141 33.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 86.496 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126688.D

Acq: 26 Jan 2022 16:03

Instrument :

BNA_F

ClientSampleId :

C1-C2

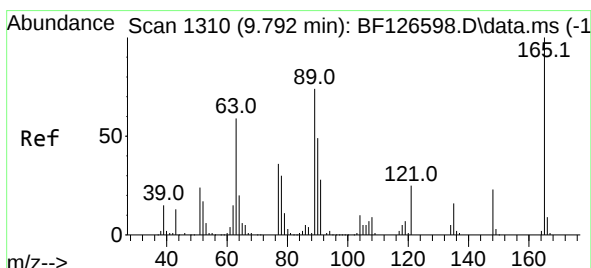
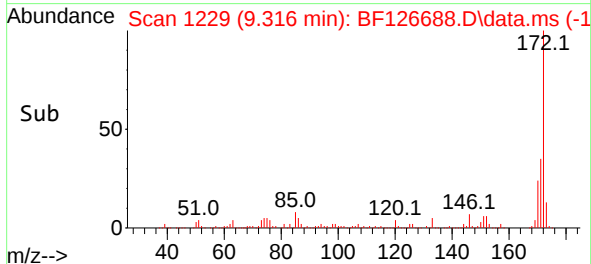
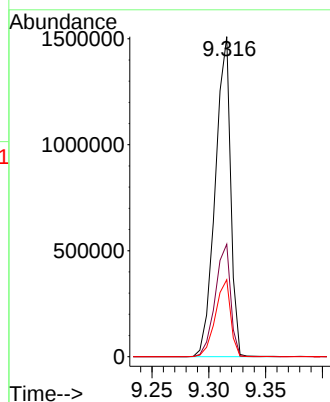
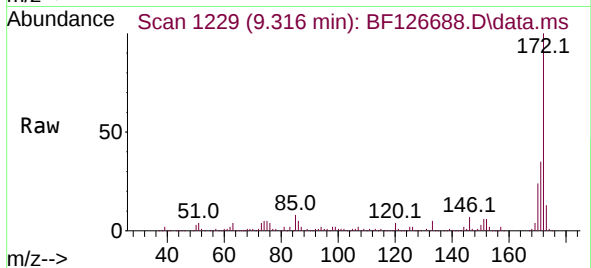
Tgt Ion:172 Resp: 1418640

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 24.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.110 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126688.D

Acq: 26 Jan 2022 16:03

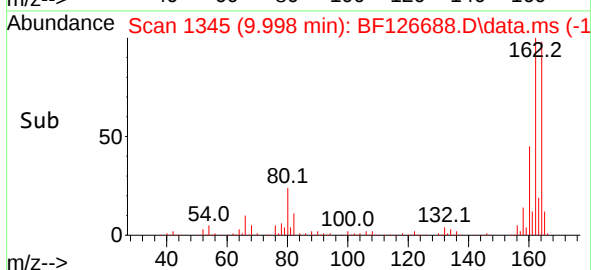
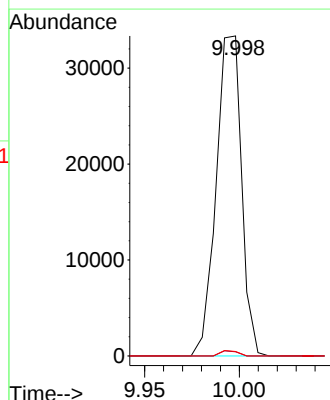
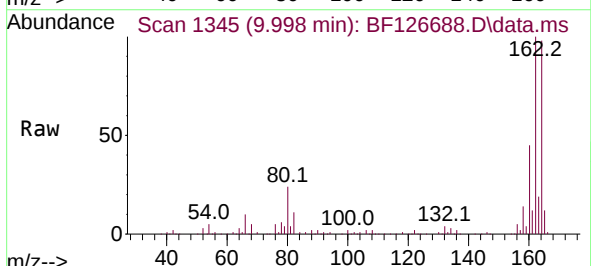
Tgt Ion:165 Resp: 31124

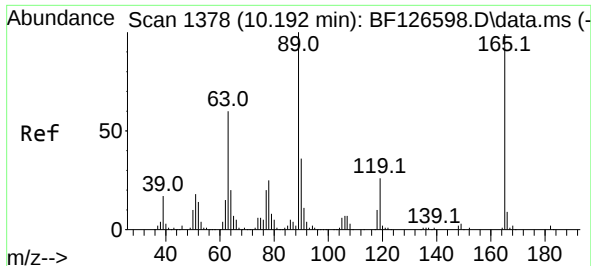
Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

89 1.4 50.5 75.7#

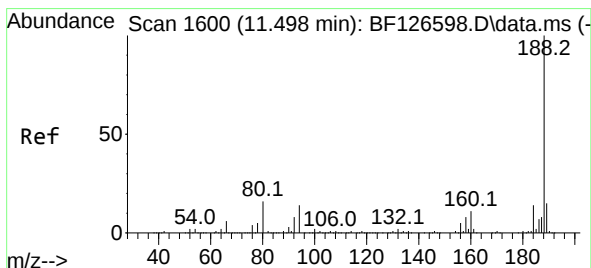
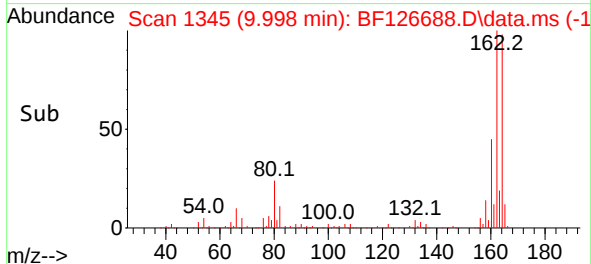
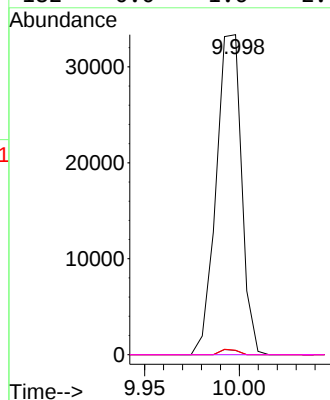
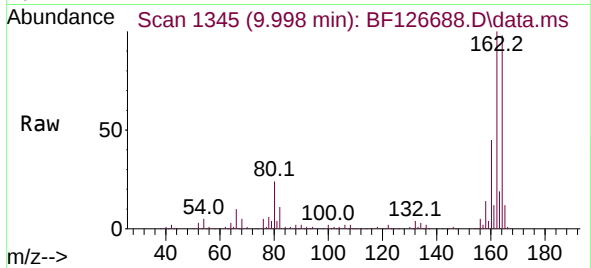




#57
2,4-Dinitrotoluene
Concen: 8.343 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126688.D
Acq: 26 Jan 2022 16:03

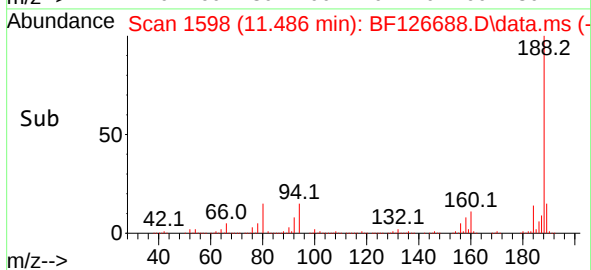
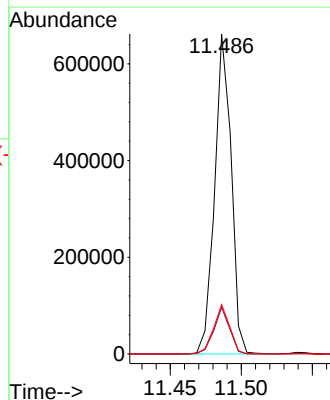
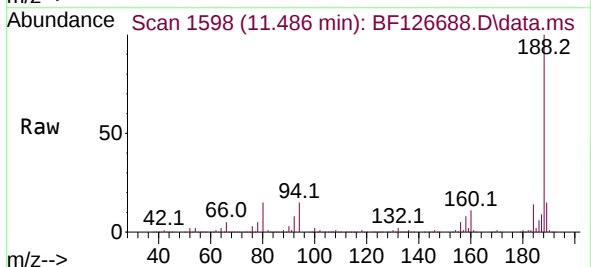
Instrument :
BNA_F
ClientSampleId :
C1-C2

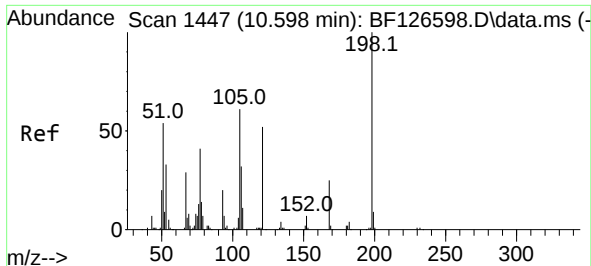
Tgt Ion:165 Resp: 31124
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126688.D
Acq: 26 Jan 2022 16:03

Tgt Ion:188 Resp: 534666
Ion Ratio Lower Upper
188 100
94 14.6 10.1 15.1
80 15.5 11.8 17.6

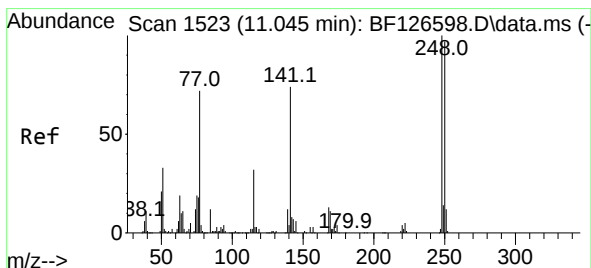
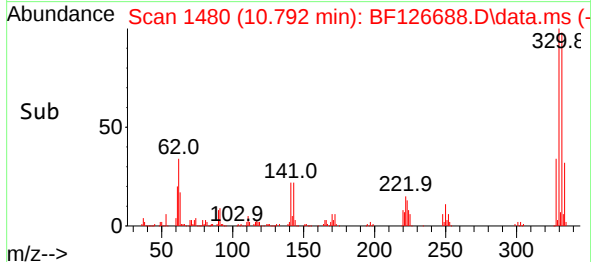
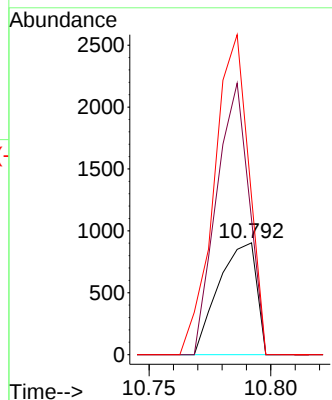
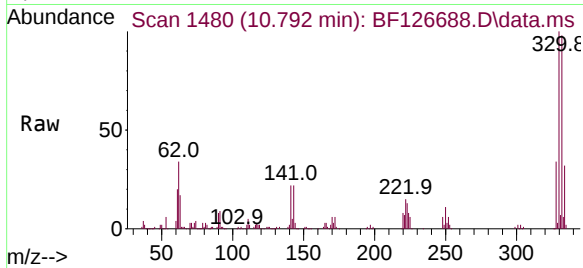




#65
4,6-Dinitro-2-methylphenol
Concen: 7.695 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126688.D
Acq: 26 Jan 2022 16:03

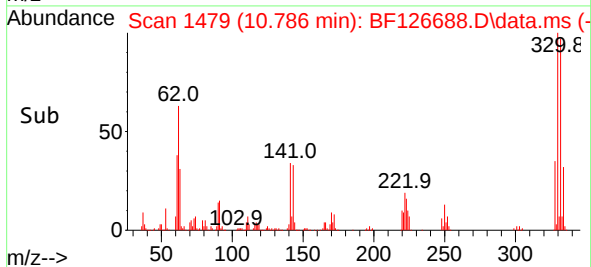
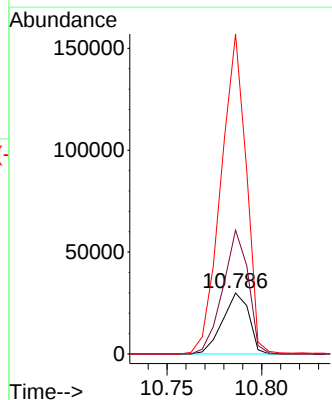
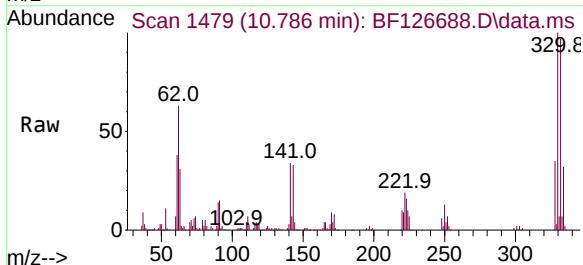
Instrument :
BNA_F
ClientSampleId :
C1-C2

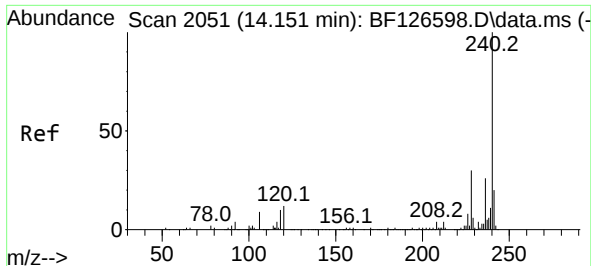
Tgt Ion:198 Resp: 975
Ion Ratio Lower Upper
198 100
51 120.8 32.0 72.0#
105 141.0 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.699 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126688.D
Acq: 26 Jan 2022 16:03

Tgt Ion:248 Resp: 28953
Ion Ratio Lower Upper
248 100
250 203.3 76.2 114.4#
141 525.5 66.2 99.4#

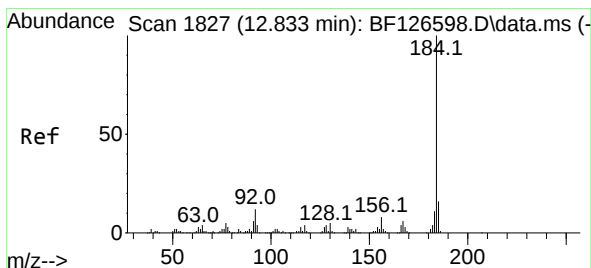
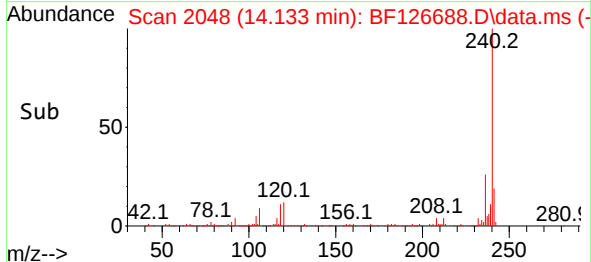
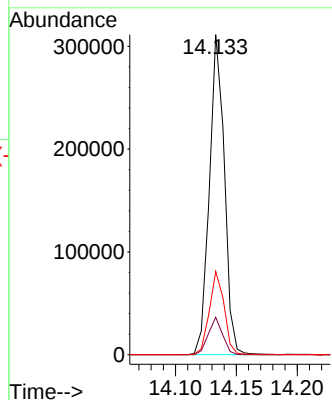
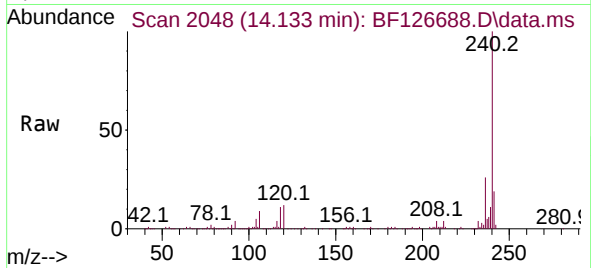




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126688.D
Acq: 26 Jan 2022 16:03

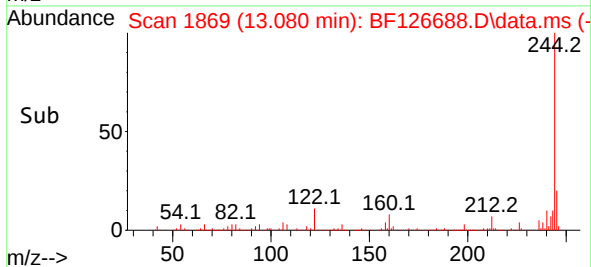
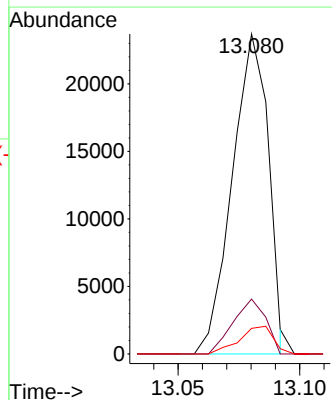
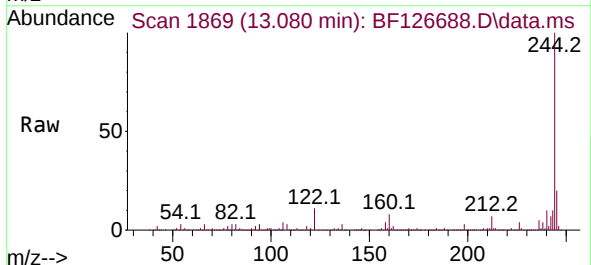
Instrument :
BNA_F
ClientSampleId :
C1-C2

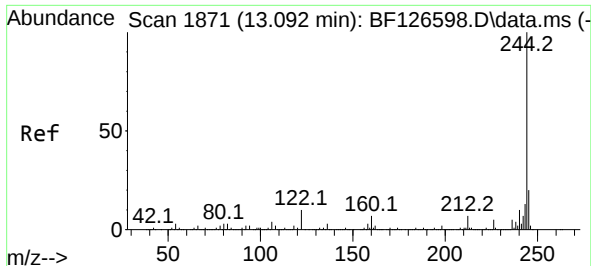
Tgt Ion:240 Resp: 265678
Ion Ratio Lower Upper
240 100
120 11.7 14.4 21.6#
236 26.0 20.5 30.7



#77
Benzidine
Concen: 2.667 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.253 min
Lab File: BF126688.D
Acq: 26 Jan 2022 16:03

Tgt Ion:184 Resp: 24446
Ion Ratio Lower Upper
184 100
185 17.1 11.8 17.8
183 8.0 8.2 12.2#

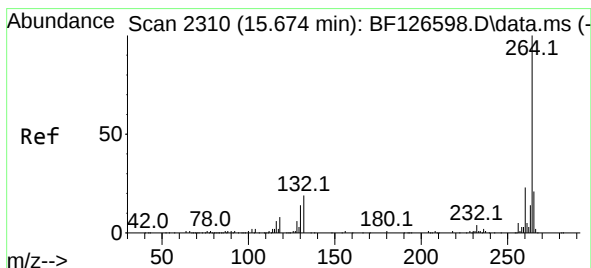
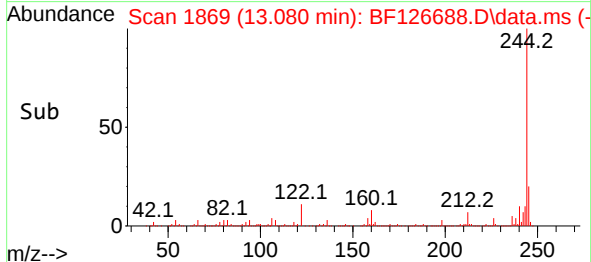
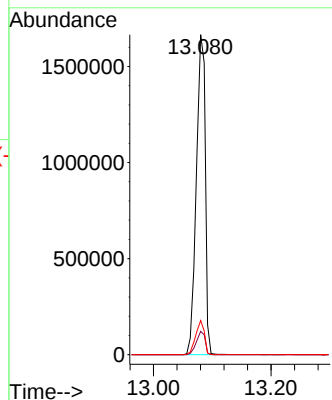
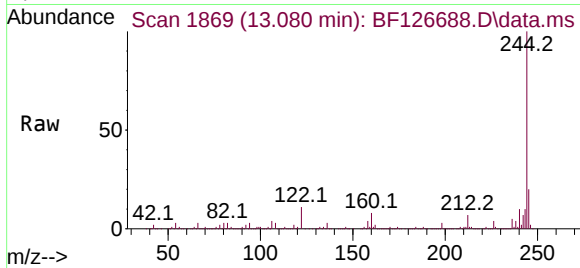




#79
 Terphenyl-d14
 Concen: 110.894 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126688.D
 Acq: 26 Jan 2022 16:03

Instrument :
 BNA_F
 ClientSampleId :
 C1-C2

Tgt Ion:244 Resp: 1756563
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 10.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF126688.D
 Acq: 26 Jan 2022 16:03

Tgt Ion:264 Resp: 291425
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.7 17.4 26.2

