

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126732.D
 Acq On : 28 Jan 2022 22:28
 Operator : CG/JU
 Sample : N1303-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-5

Quant Time: Jan 29 02:30:55 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)

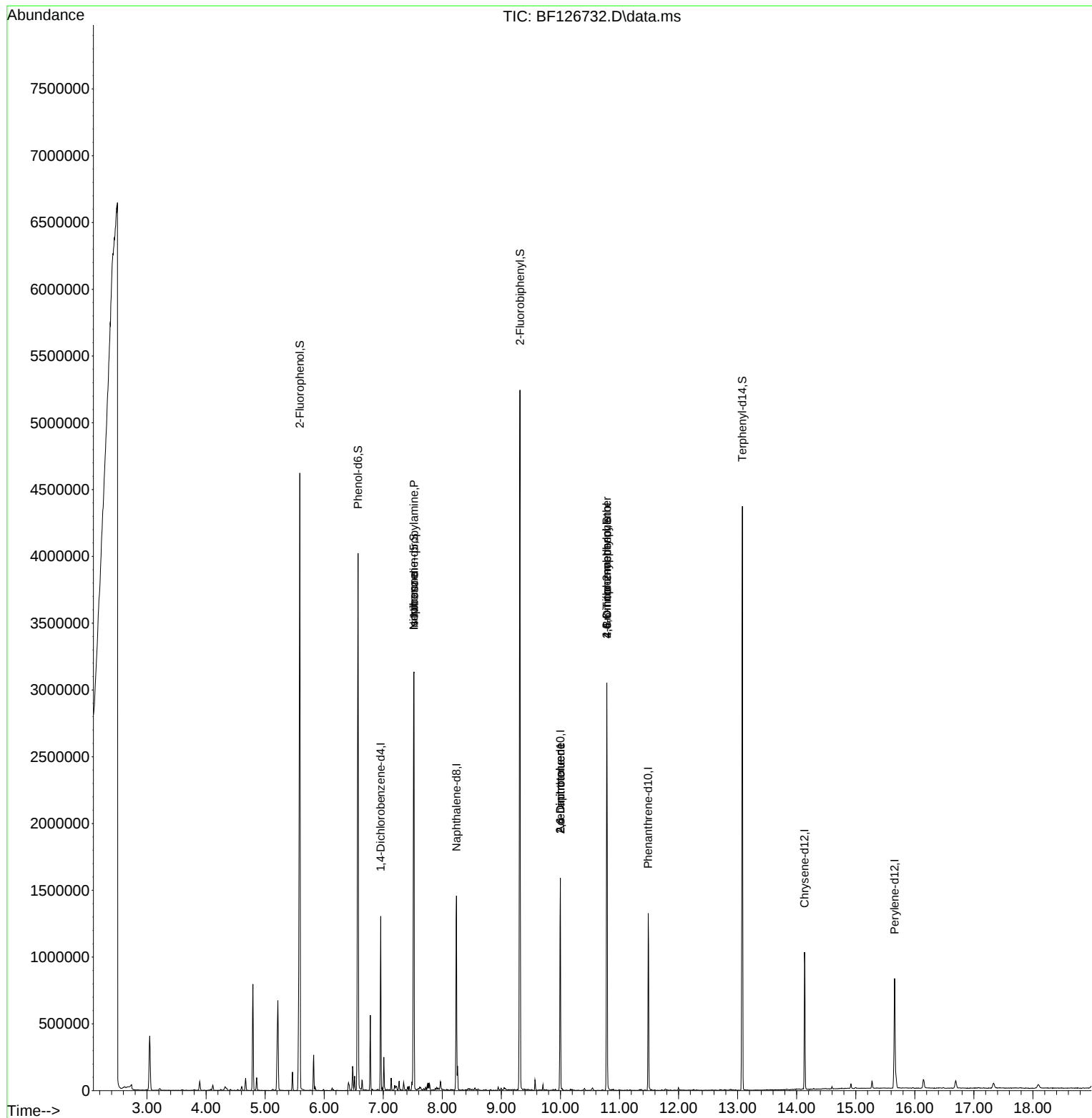
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	156697	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	594463	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	297630	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	427091	20.000	ng	# 0.00
76) Chrysene-d12	14.133	240	344069	20.000	ng	-0.01
86) Perylene-d12	15.657	264	355195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1274135	106.999	ng	0.02
7) Phenol-d6	6.575	99	1544552	93.356	ng	0.00
23) Nitrobenzene-d5	7.516	82	1310804	86.307	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	325228	116.764	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1582313	81.420	ng	0.00
79) Terphenyl-d14	13.080	244	1423625	69.399	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	4869	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.522	70	173200	14.344	ng	# 67
25) Isophorone	7.516	82	1305548	44.325	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	38105	10.446	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	38105	8.621	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	788	7.698	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	19654	3.993	ng	# 1

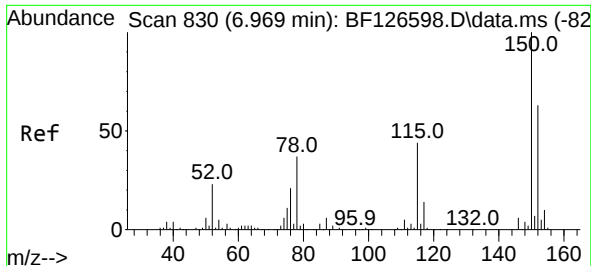
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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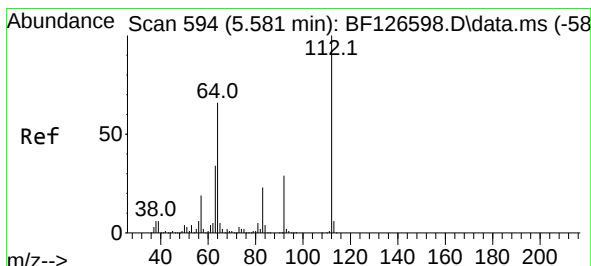
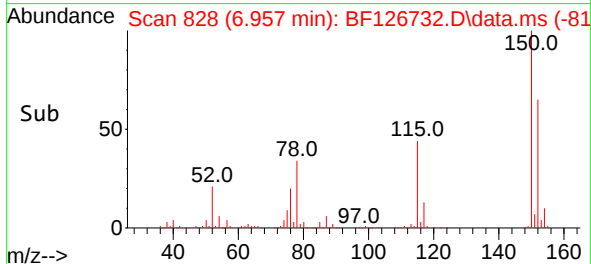
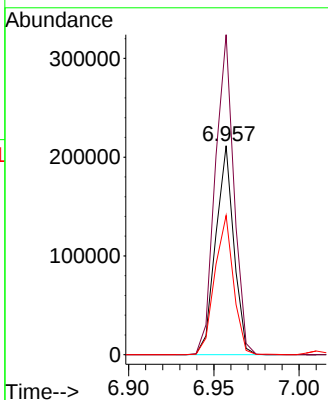
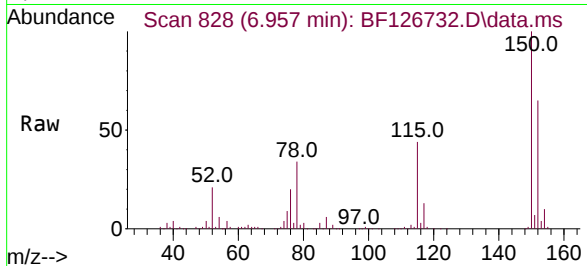




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF126732.D
 Acq: 28 Jan 2022 22:28

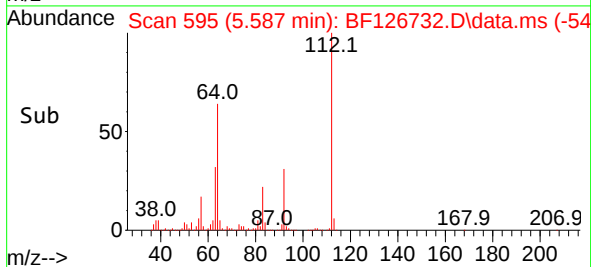
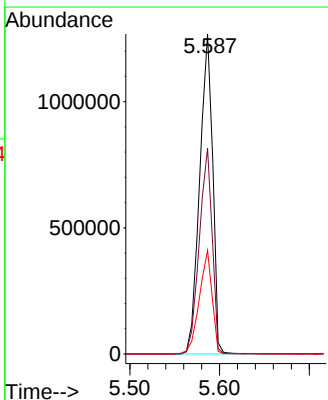
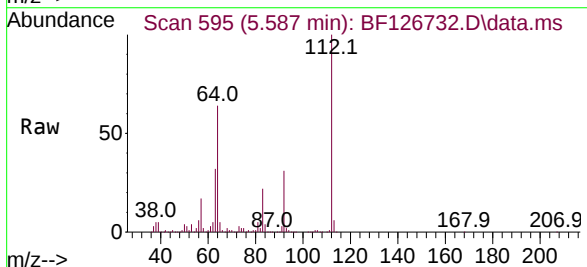
Instrument :
 BNA_F
 ClientSampleId :
 CC-5

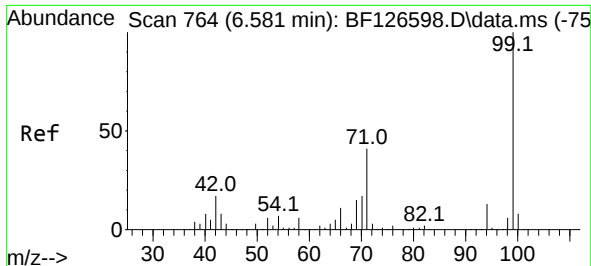
Tgt Ion:152 Resp: 156697
 Ion Ratio Lower Upper
 152 100
 150 153.1 128.1 192.1
 115 66.6 56.7 85.1



#5
 2-Fluorophenol
 Concen: 106.999 ng
 RT: 5.587 min Scan# 595
 Delta R.T. 0.018 min
 Lab File: BF126732.D
 Acq: 28 Jan 2022 22:28

Tgt Ion:112 Resp: 1274135
 Ion Ratio Lower Upper
 112 100
 64 64.3 49.5 74.3
 63 32.4 23.9 35.9





#7

Phenol-d6

Concen: 93.356 ng

RT: 6.575 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF126732.D

Acq: 28 Jan 2022 22:28

Instrument :

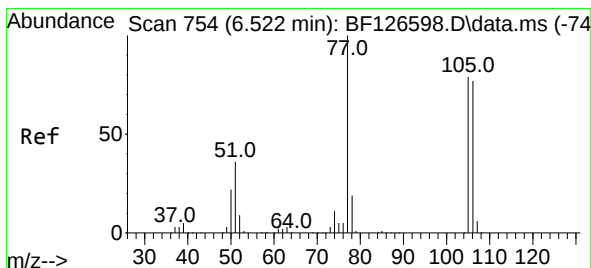
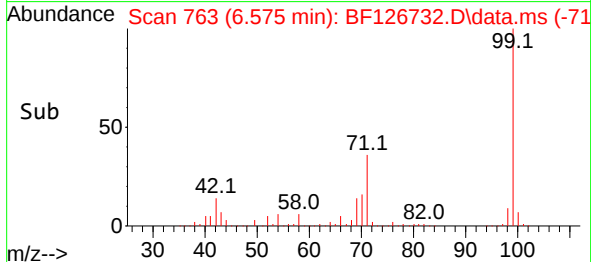
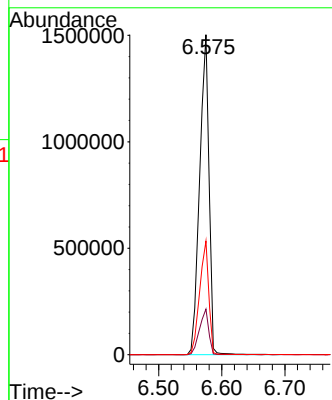
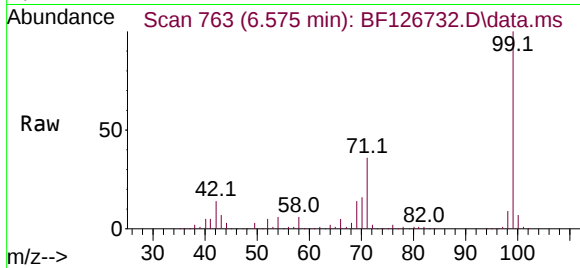
BNA_F

ClientSampleId :

CC-5

Tgt Ion: 99 Resp: 1544552

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.2	21.4
71	35.5	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 753

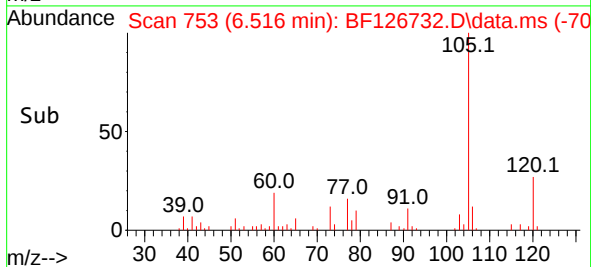
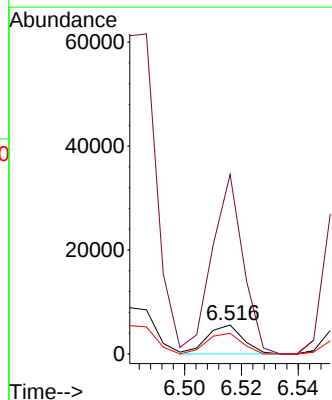
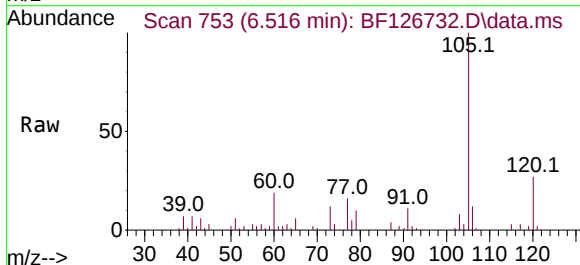
Delta R.T. 0.006 min

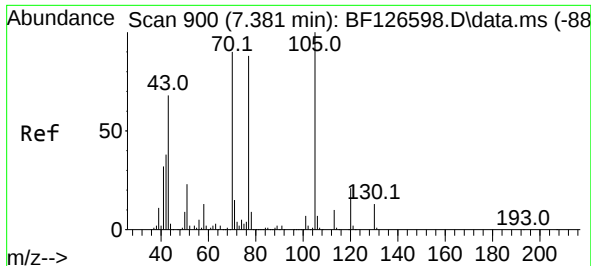
Lab File: BF126732.D

Acq: 28 Jan 2022 22:28

Tgt Ion: 77 Resp: 4869

Ion	Ratio	Lower	Upper
77	100		
105	620.2	74.9	114.9#
106	71.6	72.4	112.4#

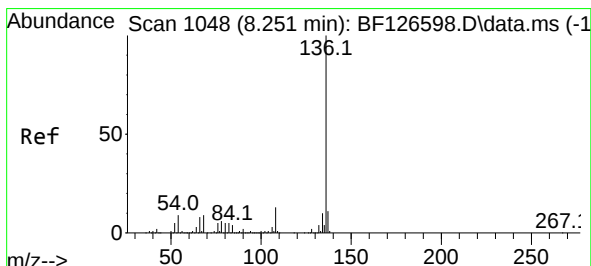
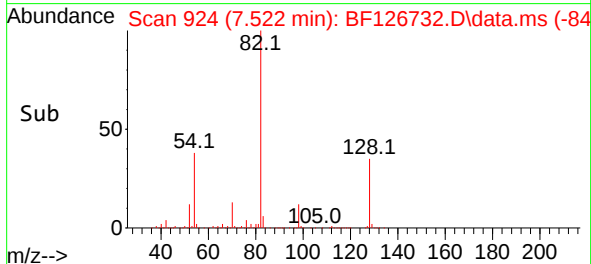
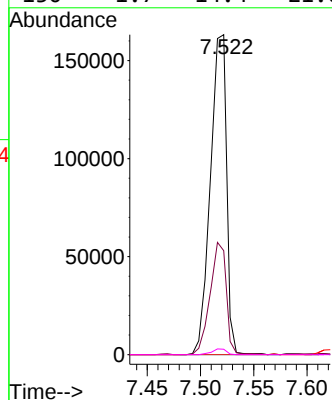
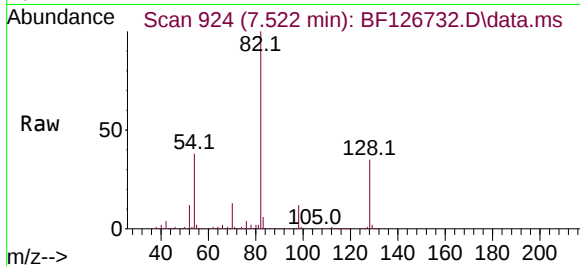




#19
n-Nitroso-di-n-propylamine
Concen: 14.344 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126732.D
Acq: 28 Jan 2022 22:28

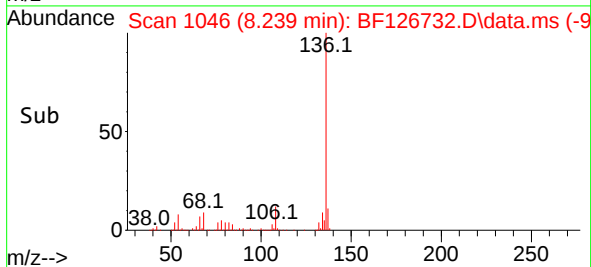
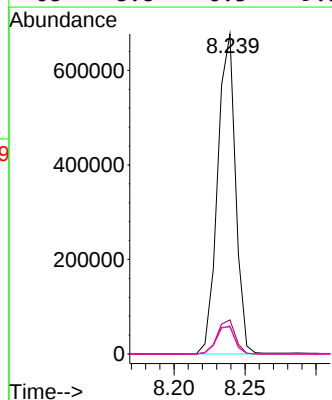
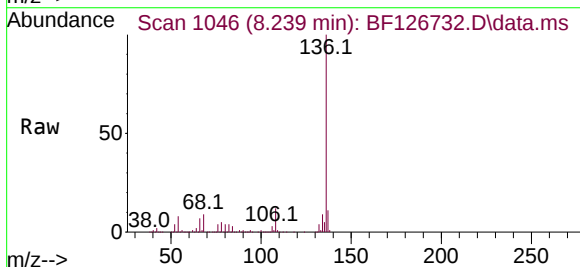
Instrument :
BNA_F
ClientSampleId :
CC-5

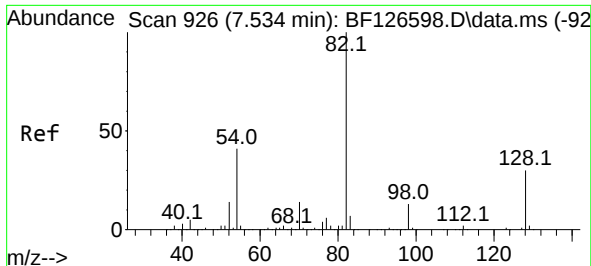
Tgt Ion: 70 Resp: 173200
Ion Ratio Lower Upper
70 100
42 32.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126732.D
Acq: 28 Jan 2022 22:28

Tgt Ion: 136 Resp: 594463
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 7.8 11.6
68 8.8 6.3 9.5





#23

Nitrobenzene-d5

Concen: 86.307 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126732.D

Acq: 28 Jan 2022 22:28

Instrument :

BNA_F

ClientSampleId :

CC-5

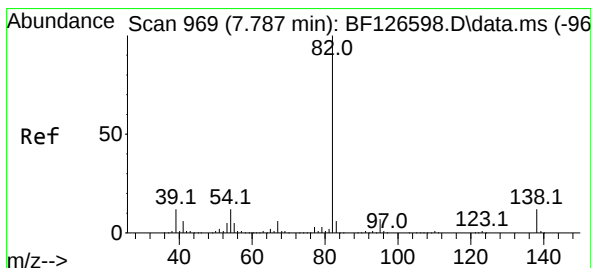
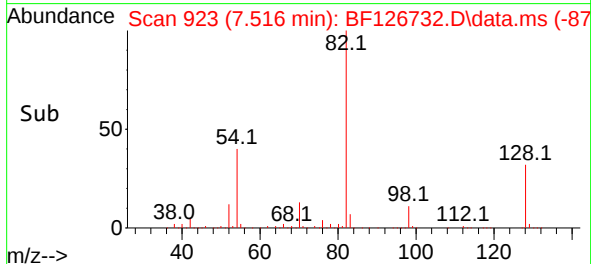
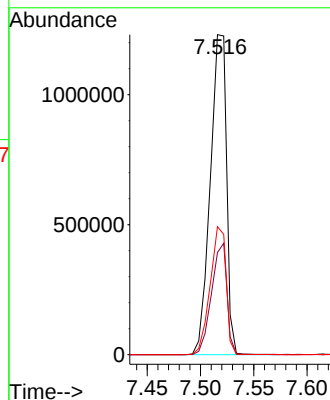
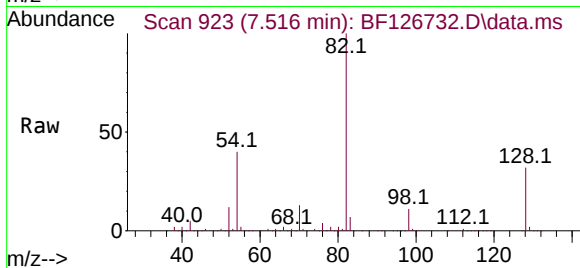
Tgt Ion: 82 Resp: 1310804

Ion Ratio Lower Upper

82 100

128 32.0 32.7 49.1#

54 40.0 41.7 62.5#



#25

Isophorone

Concen: 44.325 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.265 min

Lab File: BF126732.D

Acq: 28 Jan 2022 22:28

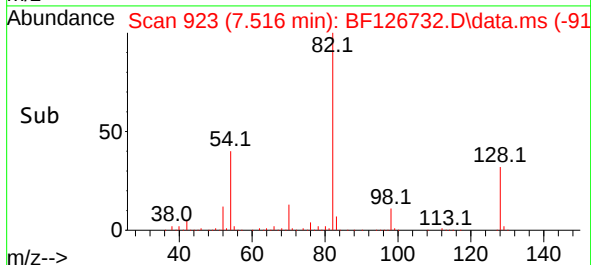
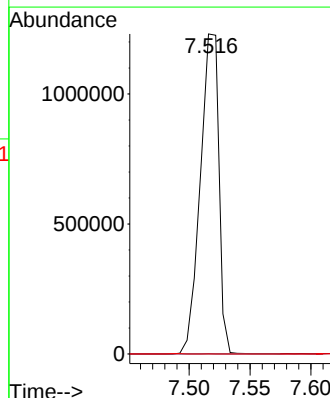
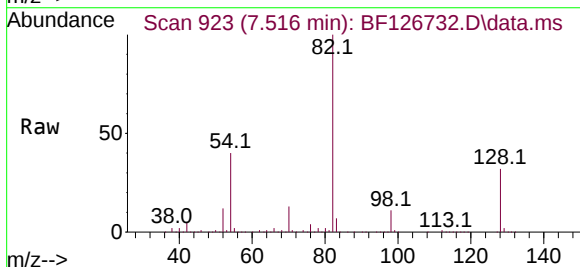
Tgt Ion: 82 Resp: 1305548

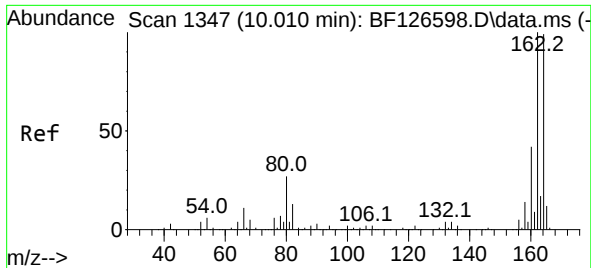
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

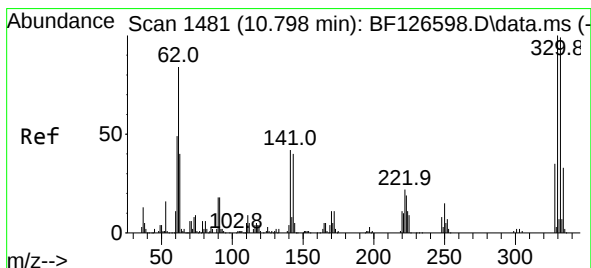
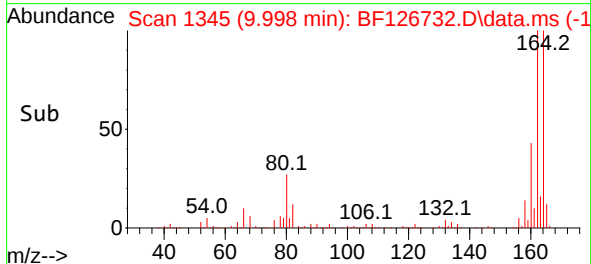
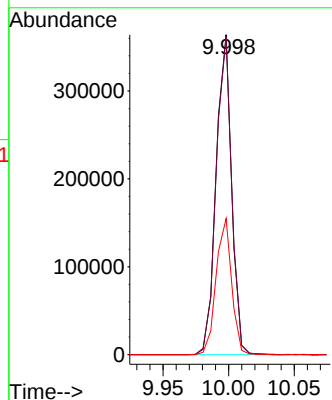
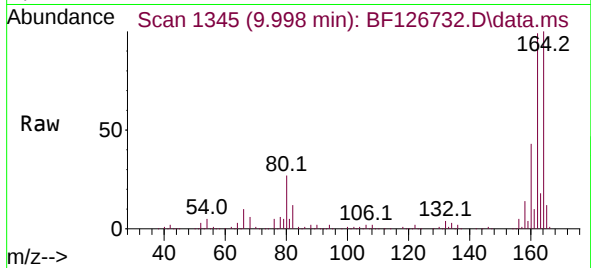




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126732.D
Acq: 28 Jan 2022 22:28

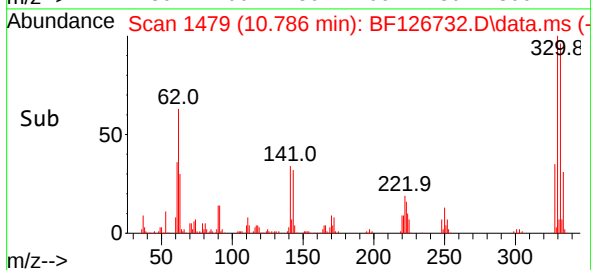
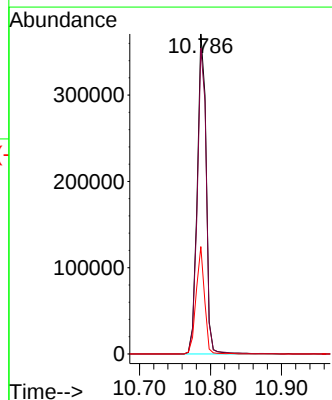
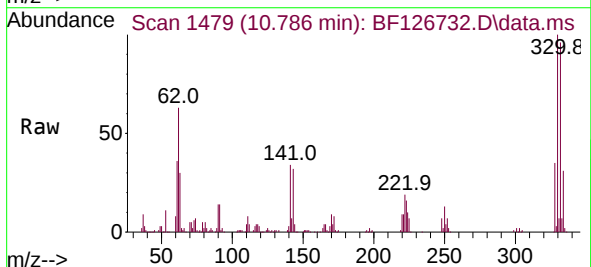
Instrument :
BNA_F
ClientSampleId :
CC-5

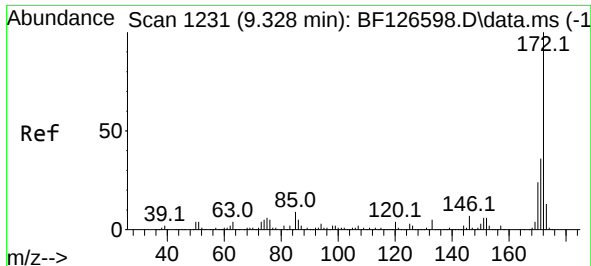
Tgt Ion:164 Resp: 297630
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 42.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 116.764 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126732.D
Acq: 28 Jan 2022 22:28

Tgt Ion:330 Resp: 325228
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 31.6 30.1 45.1

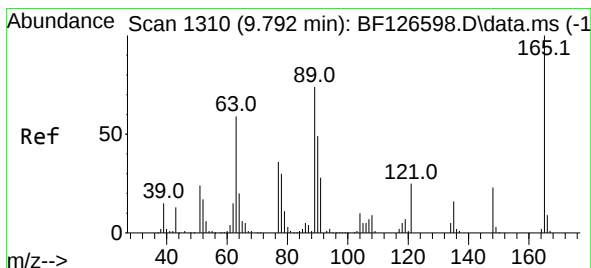
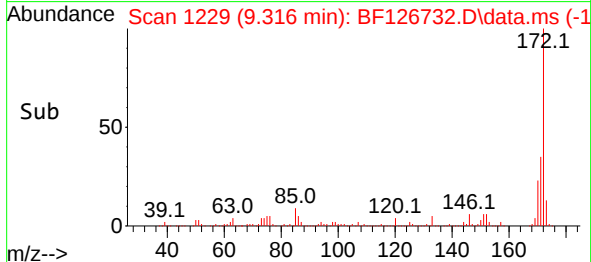
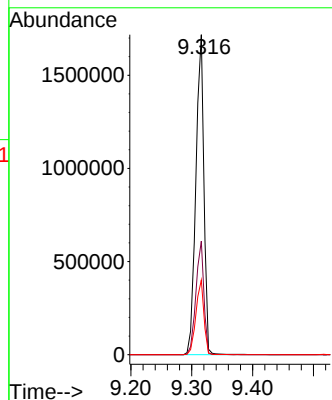
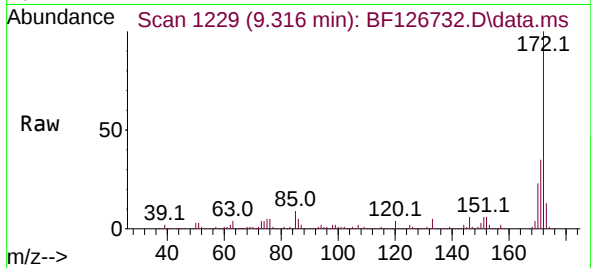




#45
2-Fluorobiphenyl
Concen: 81.420 ng
RT: 9.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126732.D
Acq: 28 Jan 2022 22:28

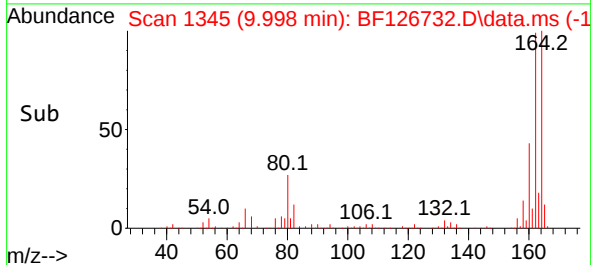
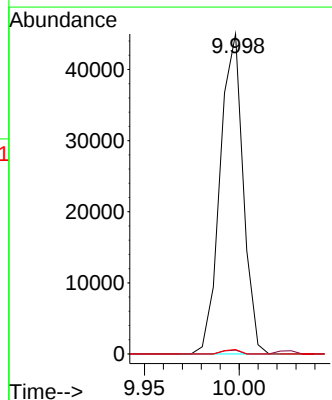
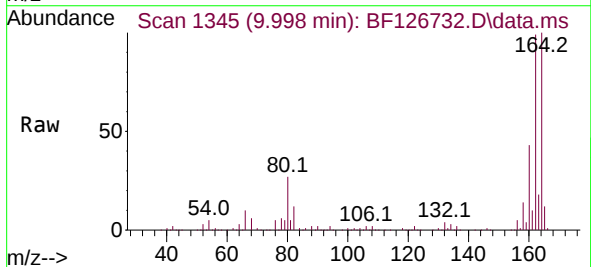
Instrument :
BNA_F
ClientSampleId :
CC-5

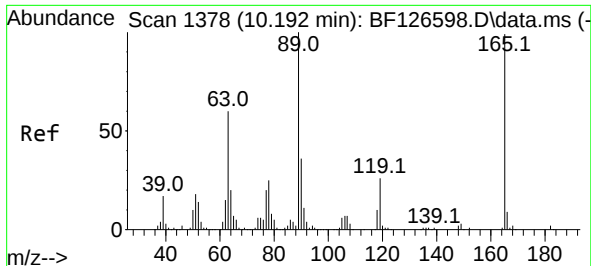
Tgt Ion:172 Resp: 1582313
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 10.446 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.218 min
Lab File: BF126732.D
Acq: 28 Jan 2022 22:28

Tgt Ion:165 Resp: 38105
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.4 50.5 75.7#

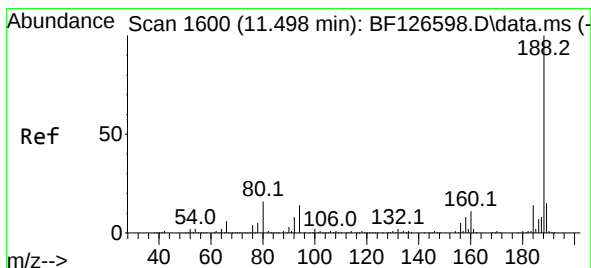
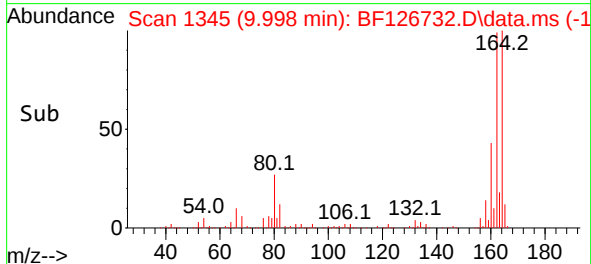
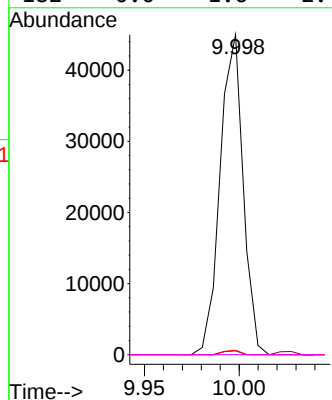
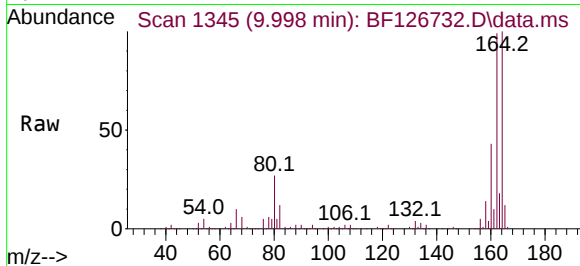




#57
2,4-Dinitrotoluene
Concen: 8.621 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126732.D
Acq: 28 Jan 2022 22:28

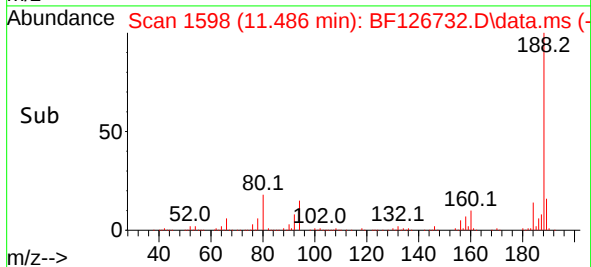
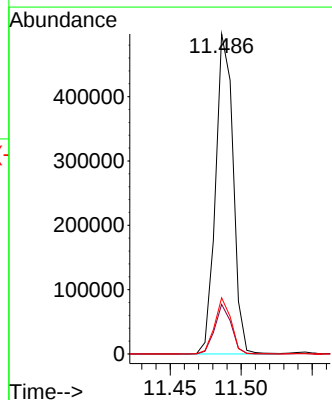
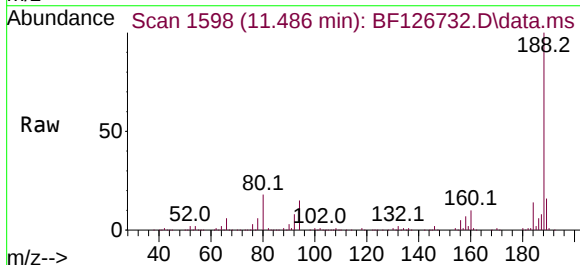
Instrument :
BNA_F
ClientSampleId :
CC-5

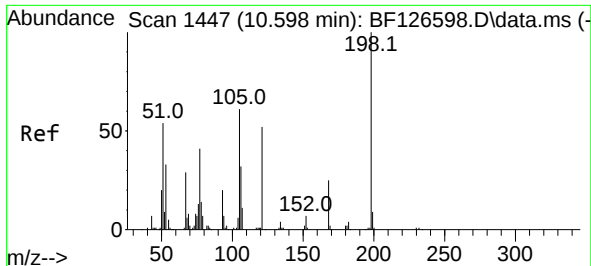
Tgt Ion:165	Resp:	38105
Ion Ratio	Lower	Upper
165	100	
63	1.2	43.0 64.6#
89	1.4	71.0 106.4#
182	0.0	1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126732.D
Acq: 28 Jan 2022 22:28

Tgt Ion:188	Resp:	427091
Ion Ratio	Lower	Upper
188	100	
94	15.5	10.1 15.1#
80	17.6	11.8 17.6

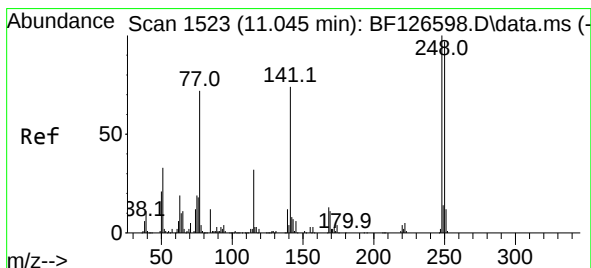
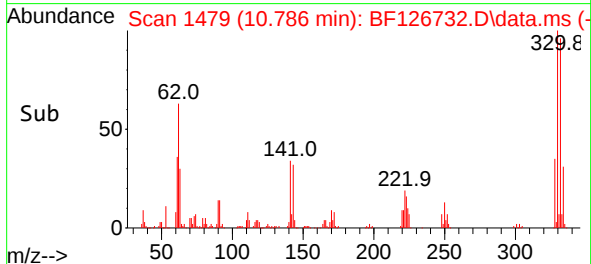
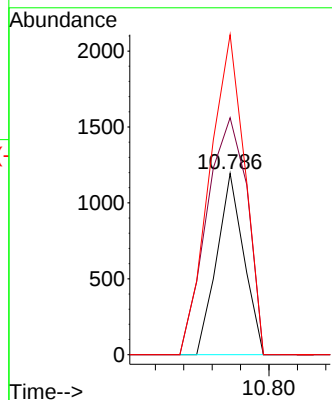
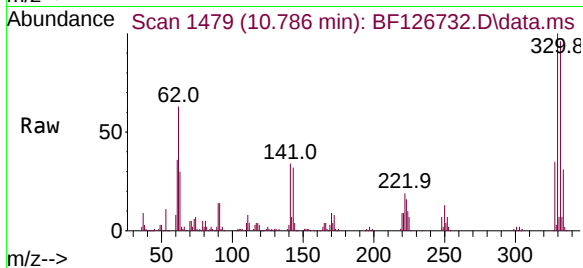




#65
4,6-Dinitro-2-methylphenol
Concen: 7.698 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126732.D
Acq: 28 Jan 2022 22:28

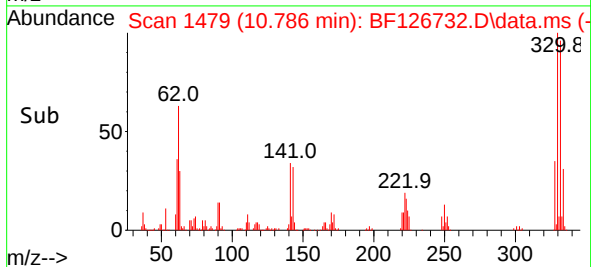
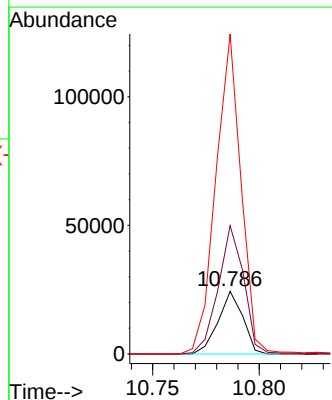
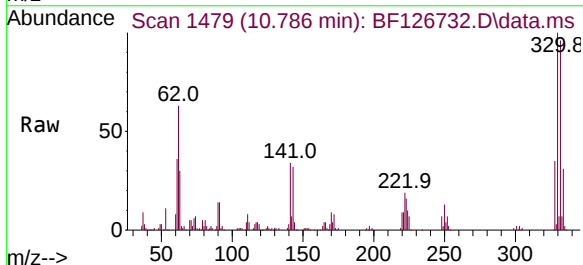
Instrument :
BNA_F
ClientSampleId :
CC-5

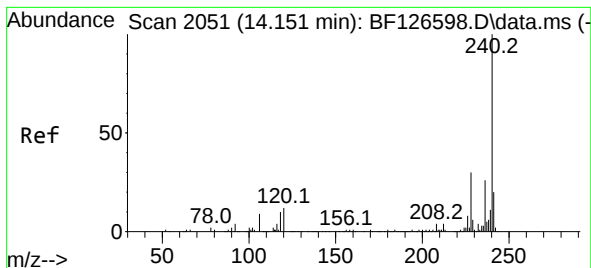
Tgt Ion:198 Resp: 788
Ion Ratio Lower Upper
198 100
51 130.7 32.0 72.0#
105 176.5 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.993 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126732.D
Acq: 28 Jan 2022 22:28

Tgt Ion:248 Resp: 19654
Ion Ratio Lower Upper
248 100
250 204.8 76.2 114.4#
141 510.9 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.012 min

Lab File: BF126732.D

Acq: 28 Jan 2022 22:28

Instrument :

BNA_F

ClientSampleId :

CC-5

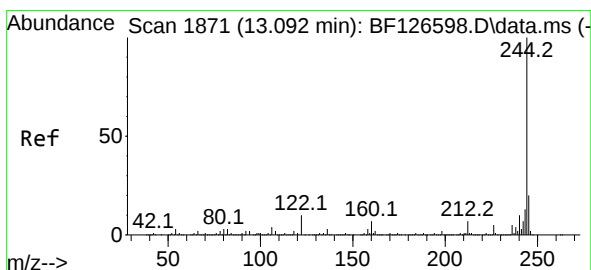
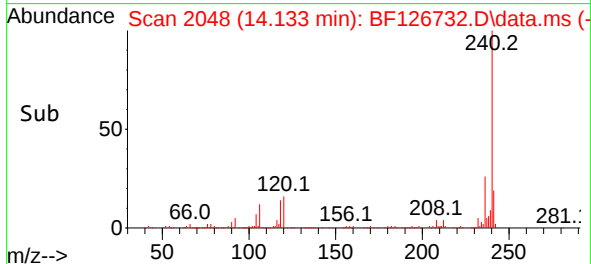
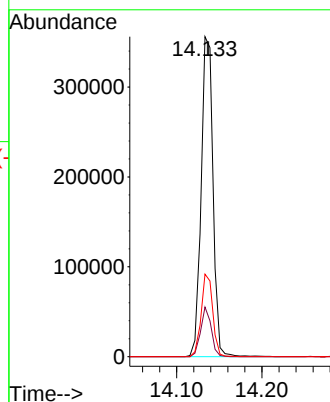
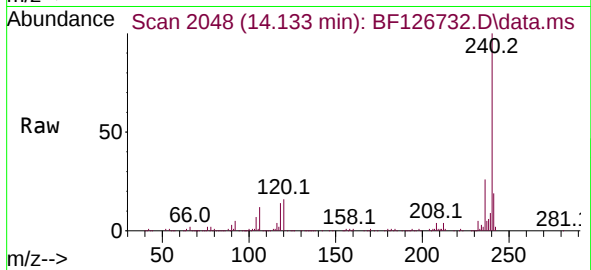
Tgt Ion:240 Resp: 344069

Ion Ratio Lower Upper

240 100

120 15.5 14.4 21.6

236 25.8 20.5 30.7



#79

Terphenyl-d14

Concen: 69.399 ng

RT: 13.080 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BF126732.D

Acq: 28 Jan 2022 22:28

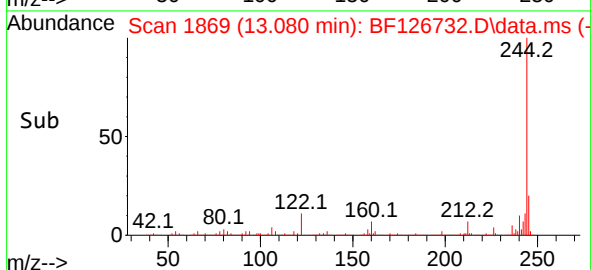
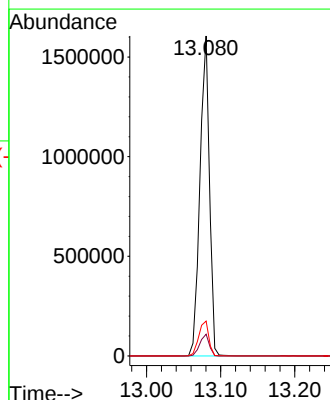
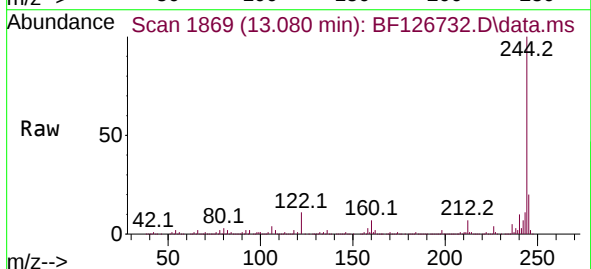
Tgt Ion:244 Resp: 1423625

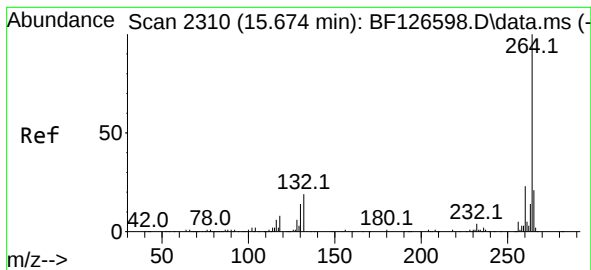
Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

122 10.9 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126732.D
 Acq: 28 Jan 2022 22:28

Instrument :
 BNA_F
 ClientSampleId :
 CC-5

Tgt Ion:264 Resp: 355195
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.4 26.2

