

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126733.D
 Acq On : 28 Jan 2022 22:55
 Operator : CG/JU
 Sample : N1303-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-6

Quant Time: Jan 29 02:31:10 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)

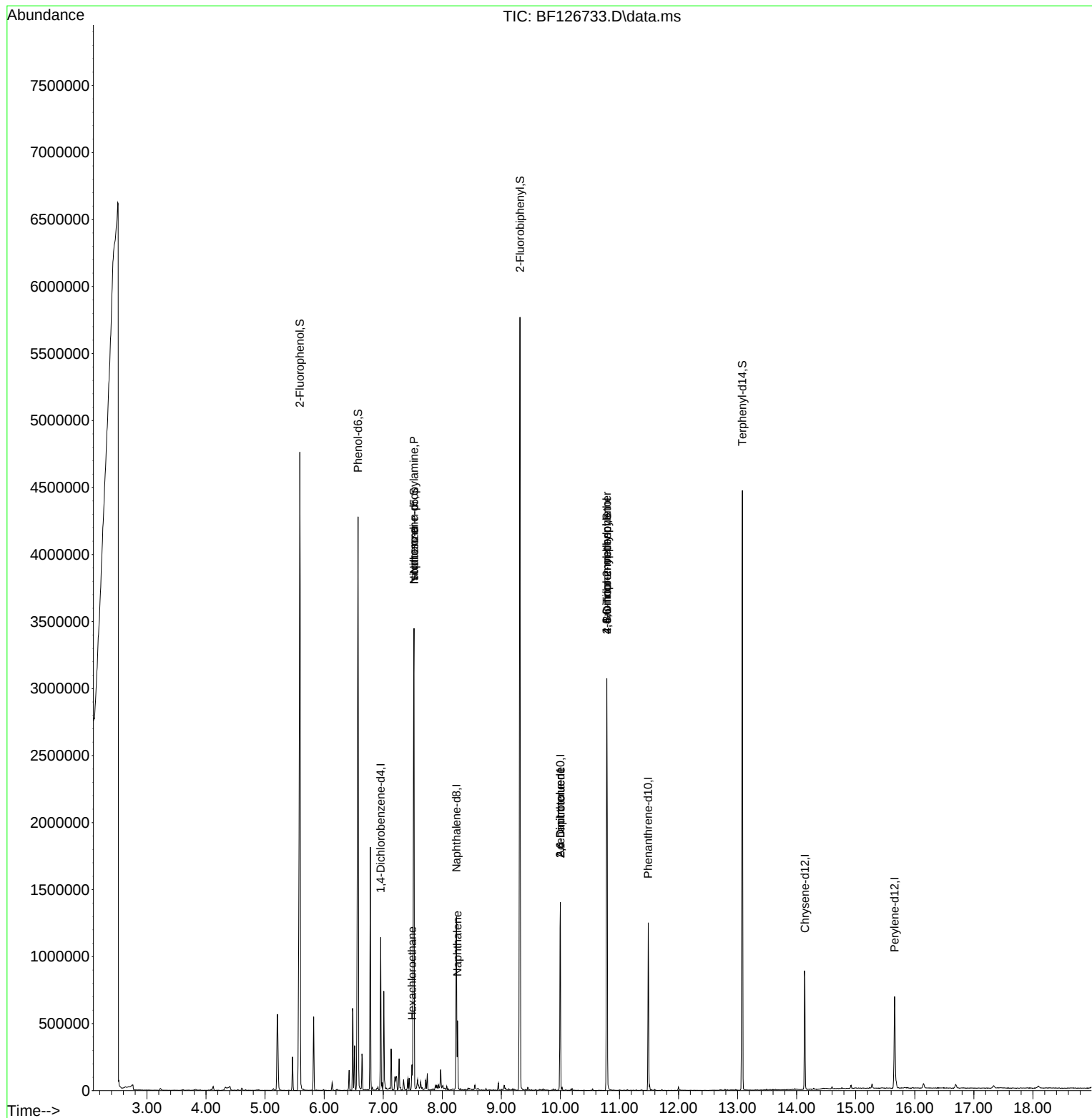
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	140295	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	531845	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	269518	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	388766	20.000	ng	0.00
76) Chrysene-d12	14.139	240	295079	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	297525	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1375469	129.012	ng	0.02
7) Phenol-d6	6.575	99	1668410	112.632	ng	0.00
23) Nitrobenzene-d5	7.522	82	1407057	103.552	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	345450	136.960	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1681744	95.563	ng	0.00
79) Terphenyl-d14	13.080	244	1508658	85.754	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	13592	Below Cal	#	1
18) Hexachloroethane	7.487	117	10636	2.403	ng	# 1
19) n-Nitroso-di-n-propyla...	7.522	70	186059	17.210	ng	# 67
25) Isophorone	7.522	82	1400447	53.145	ng	# 69
31) Naphthalene	8.257	128	187742	6.534	ng	# 98
51) 2,6-Dinitrotoluene	9.998	165	34388	10.411	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	34388	8.591	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	744	7.711	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	22749	5.077	ng	# 1

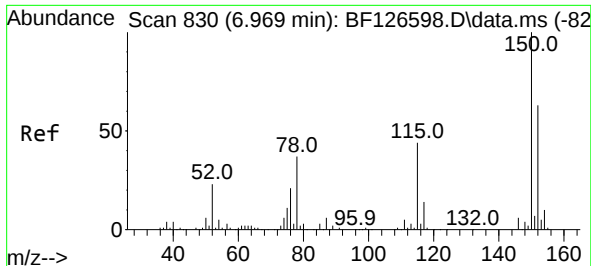
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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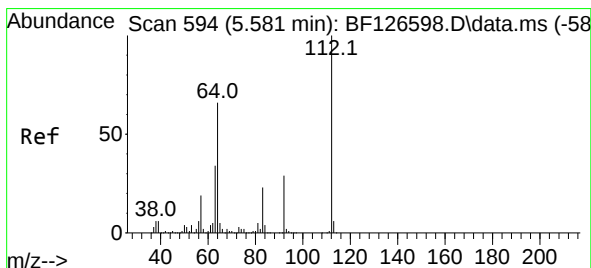
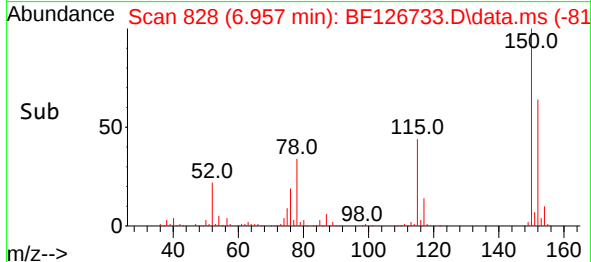
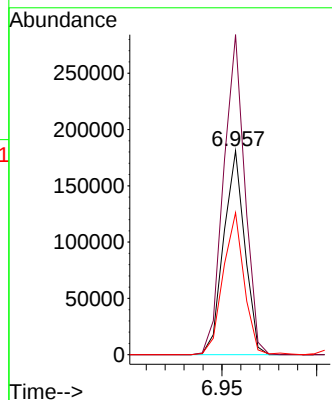
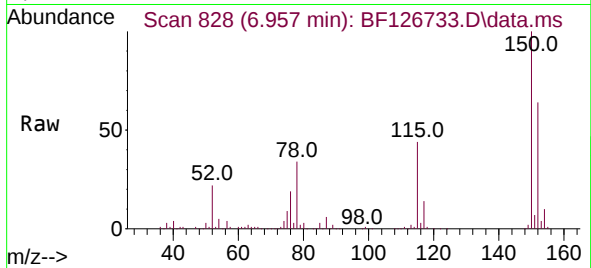




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF126733.D
 Acq: 28 Jan 2022 22:55

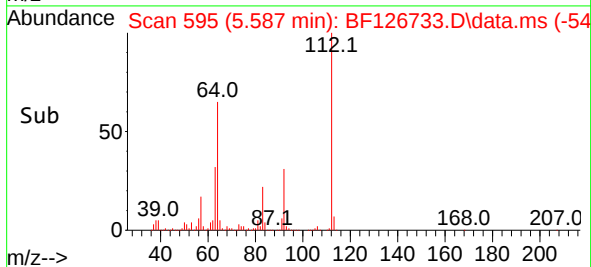
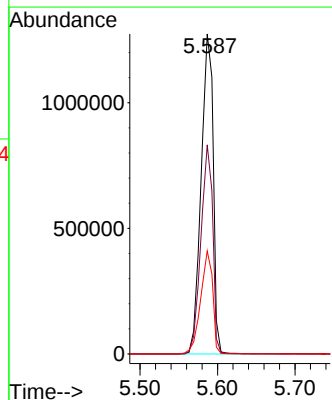
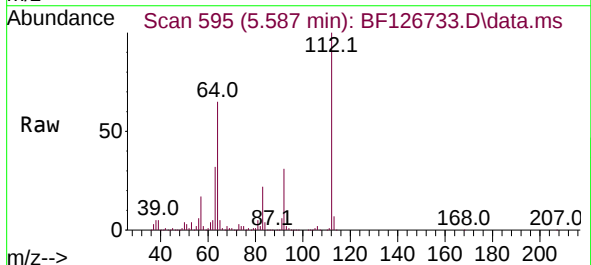
Instrument :
 BNA_F
 ClientSampleId :
 CC-6

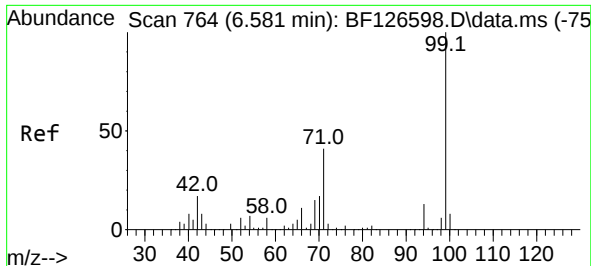
Tgt Ion:152 Resp: 140295
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.1 192.1
 115 69.6 56.7 85.1



#5
 2-Fluorophenol
 Concen: 129.012 ng
 RT: 5.587 min Scan# 595
 Delta R.T. 0.018 min
 Lab File: BF126733.D
 Acq: 28 Jan 2022 22:55

Tgt Ion:112 Resp: 1375469
 Ion Ratio Lower Upper
 112 100
 64 65.4 49.5 74.3
 63 32.2 23.9 35.9

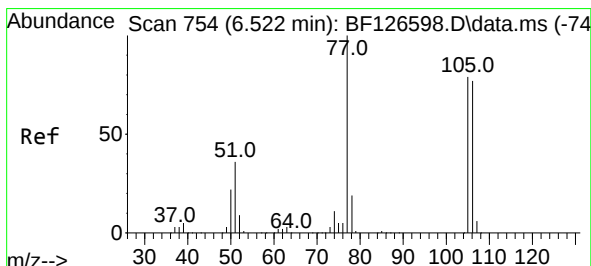
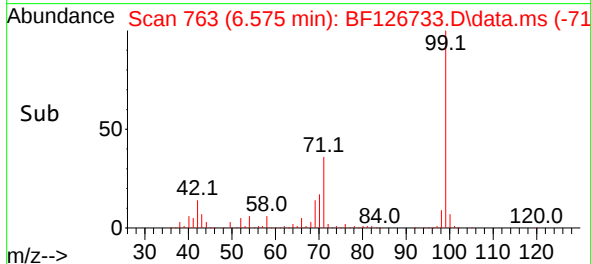
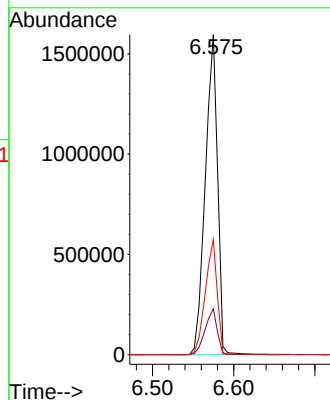
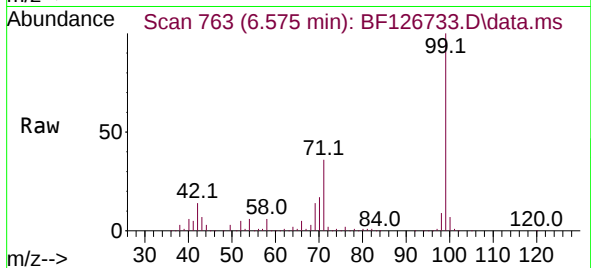




#7
Phenol-d6
Concen: 112.632 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

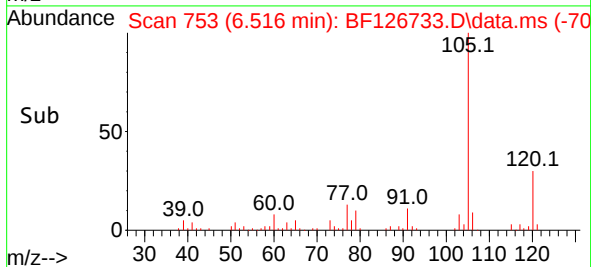
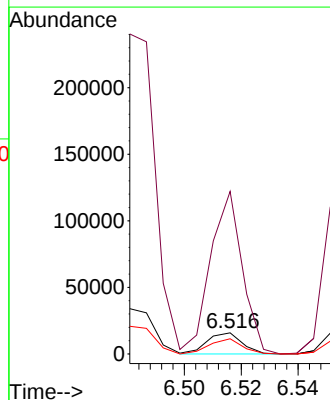
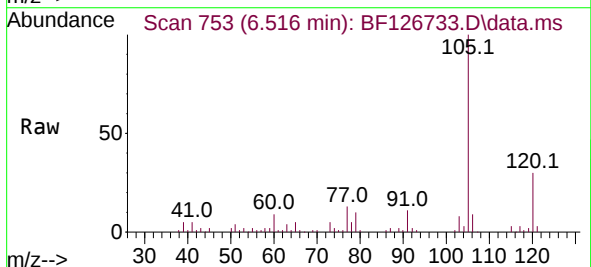
Instrument :
BNA_F
ClientSampleId :
CC-6

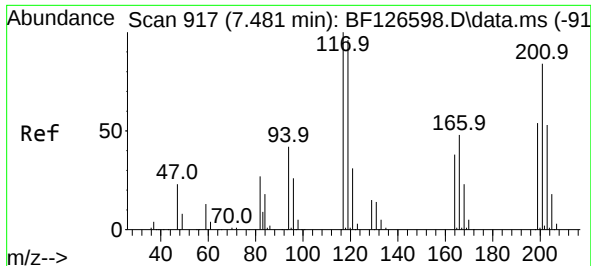
Tgt Ion: 99 Resp: 1668410
Ion Ratio Lower Upper
99 100
42 14.3 14.2 21.4
71 36.0 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

Tgt Ion: 77 Resp: 13592
Ion Ratio Lower Upper
77 100
105 767.5 74.9 114.9#
106 72.0 72.4 112.4#

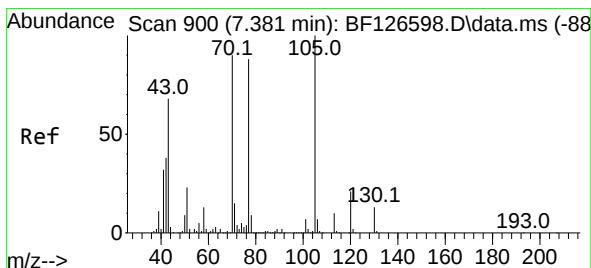
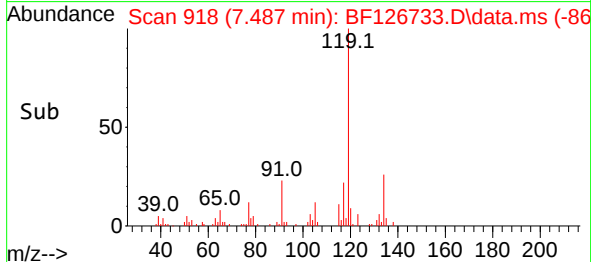
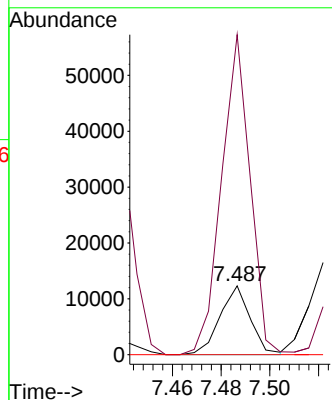
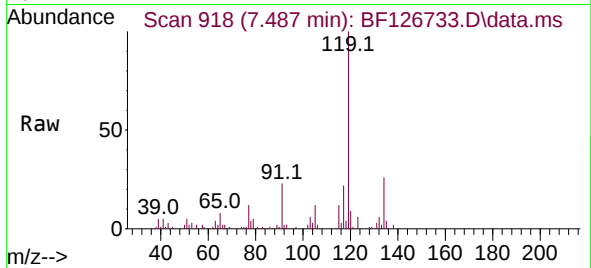




#18
Hexachloroethane
Concen: 2.403 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.018 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

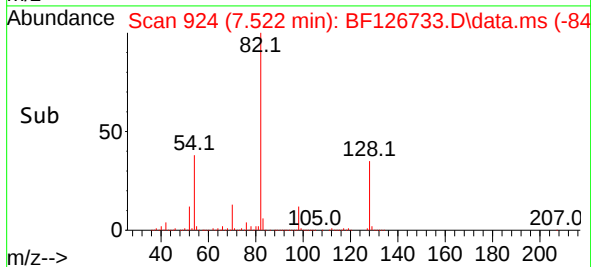
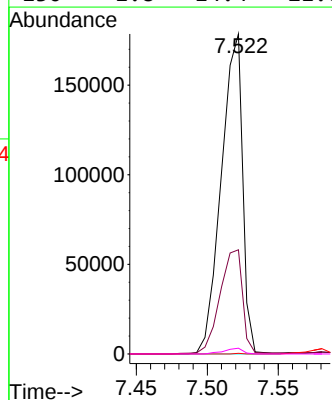
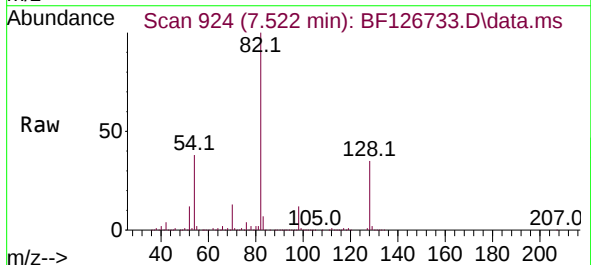
Instrument :
BNA_F
ClientSampleId :
CC-6

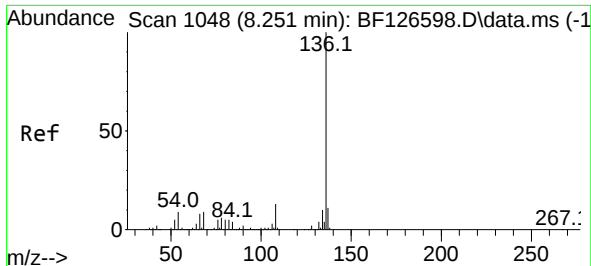
Tgt Ion:117 Resp: 10636
Ion Ratio Lower Upper
117 100
119 464.8 75.4 113.0#
201 0.0 56.8 85.2#



#19
n-Nitroso-di-n-propylamine
Concen: 17.210 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.153 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

Tgt Ion: 70 Resp: 186059
Ion Ratio Lower Upper
70 100
42 32.6 45.8 68.8#
101 0.2 6.9 10.3#
130 1.8 14.4 21.6#

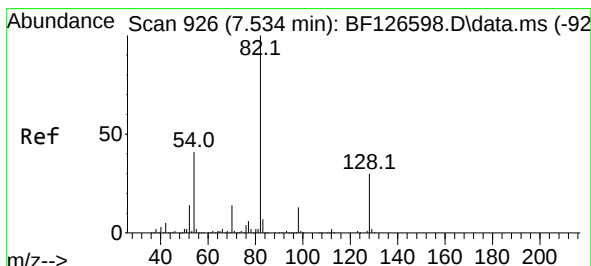
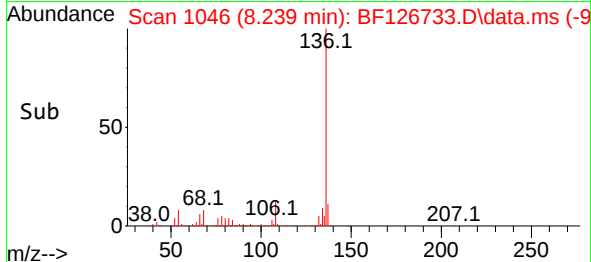
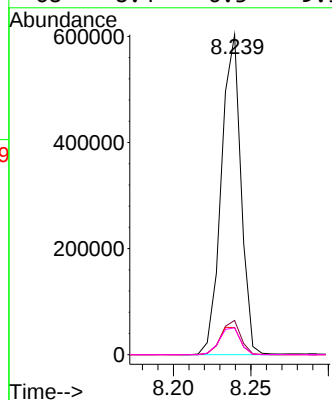
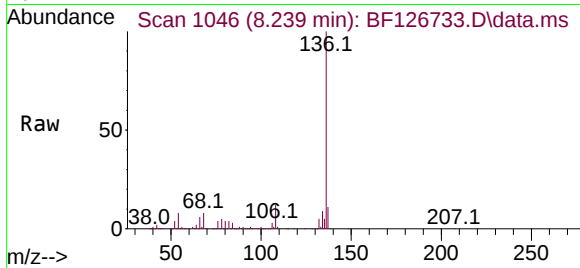




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

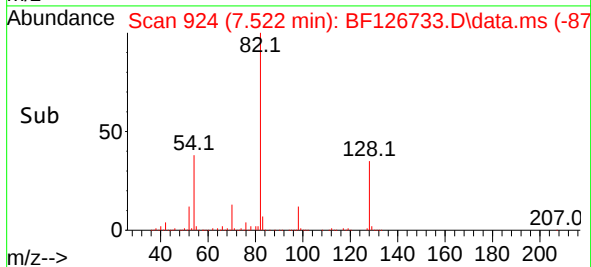
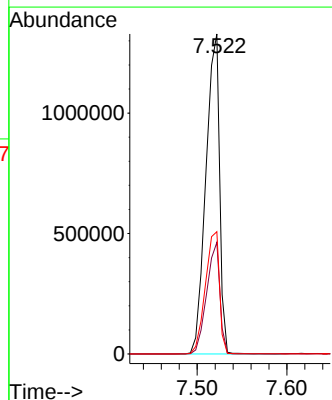
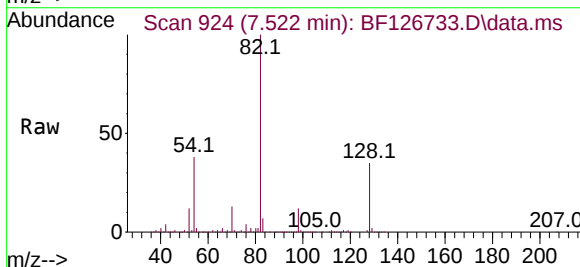
Instrument :
BNA_F
ClientSampleId :
CC-6

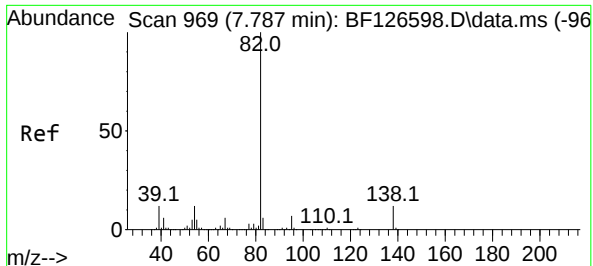
Tgt Ion:	136	Resp:	531845
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.5	7.8	11.6
68	8.4	6.3	9.5



#23
Nitrobenzene-d5
Concen: 103.552 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.000 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

Tgt Ion:	82	Resp:	1407057
Ion	Ratio	Lower	Upper
82	100		
128	34.9	32.7	49.1
54	38.2	41.7	62.5

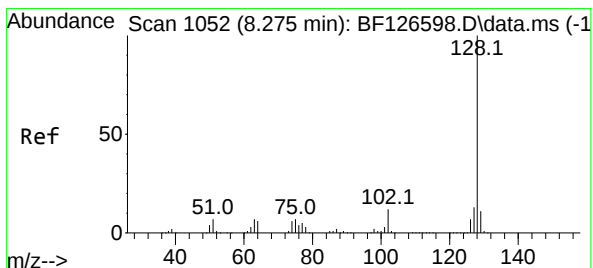
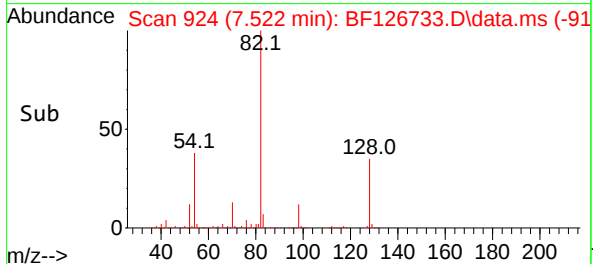
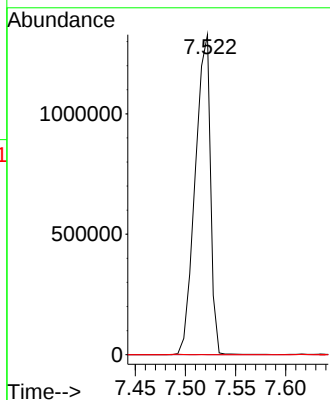
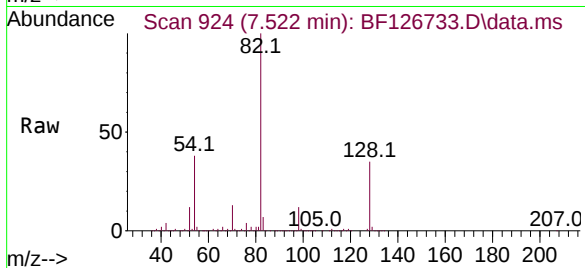




#25
Isophorone
Concen: 53.145 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

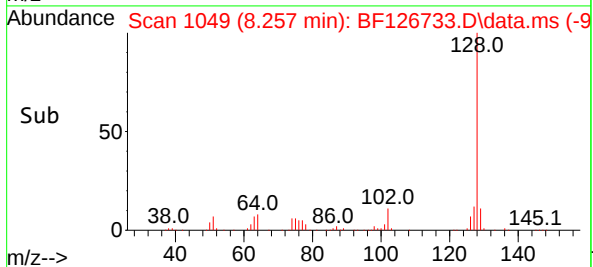
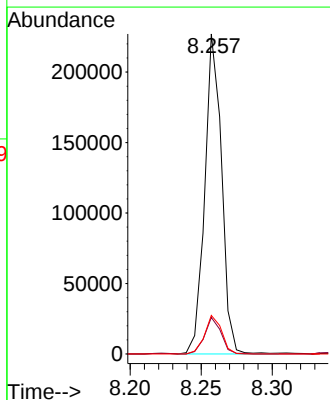
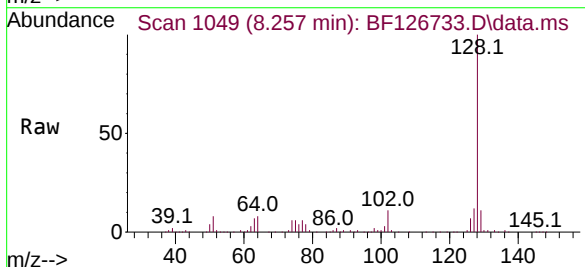
Instrument :
BNA_F
ClientSampleId :
CC-6

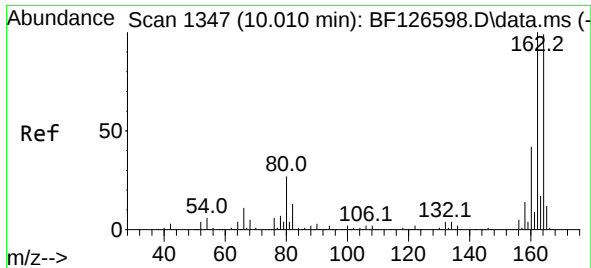
Tgt Ion: 82 Resp: 1400447
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#31
Naphthalene
Concen: 6.534 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

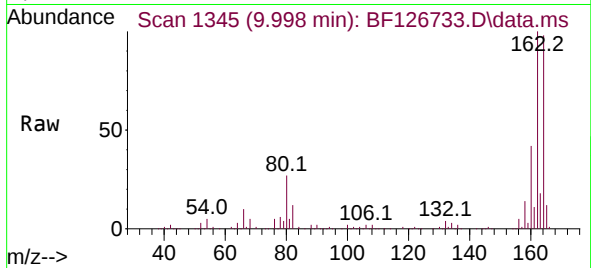
Tgt Ion: 128 Resp: 187742
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 12.1 10.3 15.5



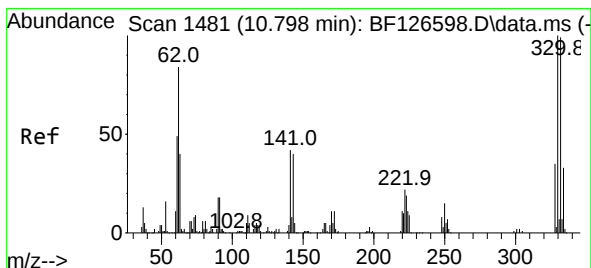
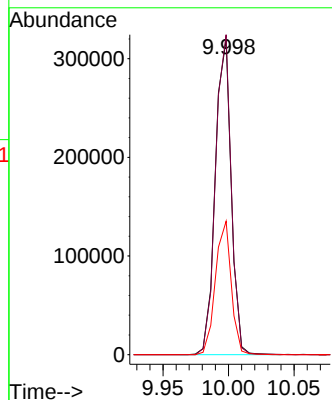
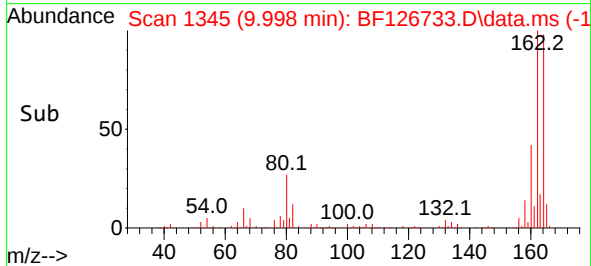


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

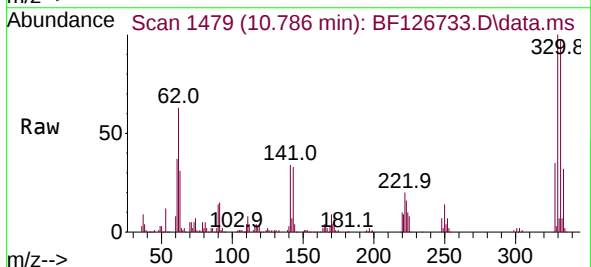
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BNA_F
ClientSampleId :
CC-6



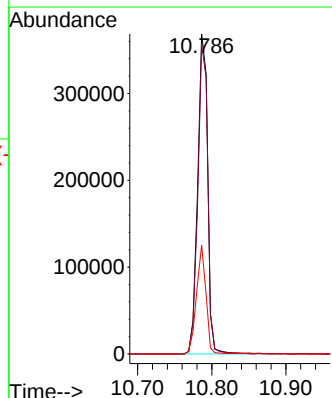
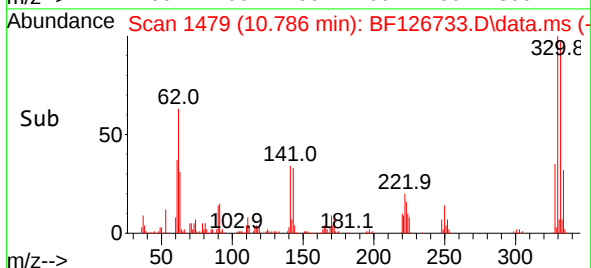
Tgt Ion:164 Resp: 269518
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 42.4 36.6 54.8

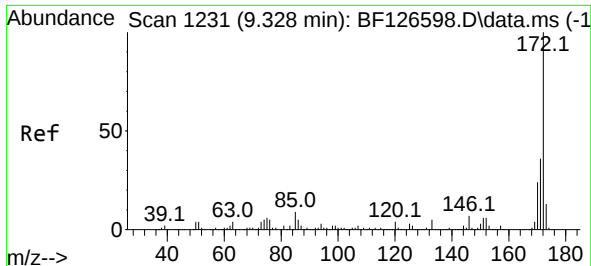


#42
2,4,6-Tribromophenol
Concen: 136.960 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55



Tgt Ion:330 Resp: 345450
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 32.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 95.563 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126733.D

Acq: 28 Jan 2022 22:55

Instrument :

BNA_F

ClientSampleId :

CC-6

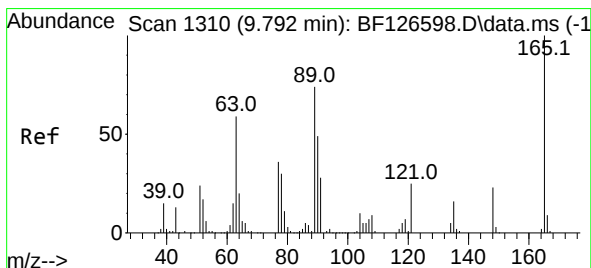
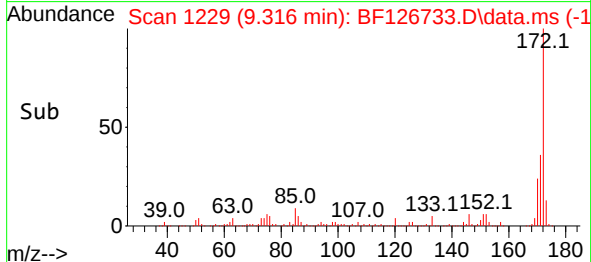
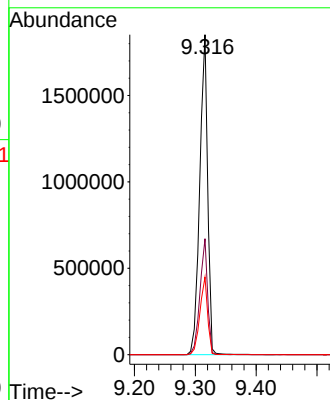
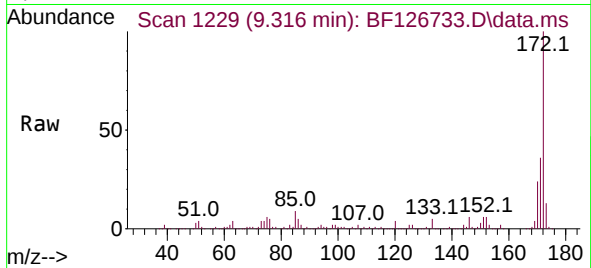
Tgt Ion:172 Resp: 1681744

Ion Ratio Lower Upper

172 100

171 36.3 28.3 42.5

170 24.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.411 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126733.D

Acq: 28 Jan 2022 22:55

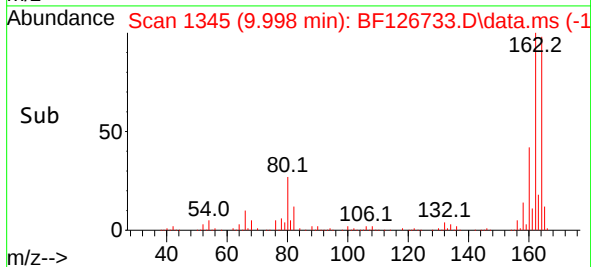
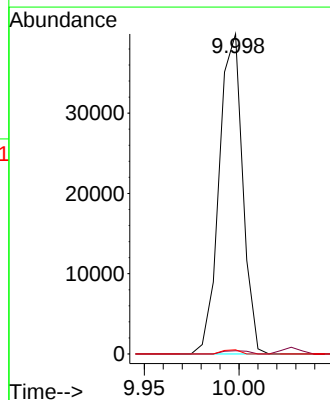
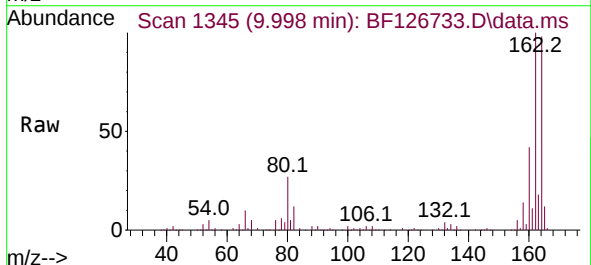
Tgt Ion:165 Resp: 34388

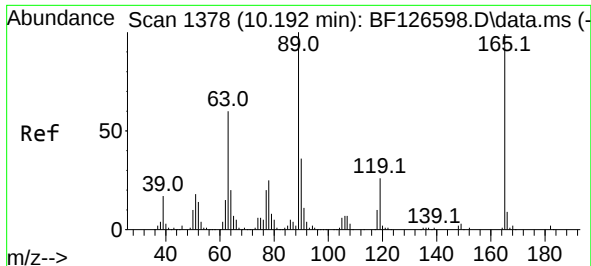
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.3 50.5 75.7#

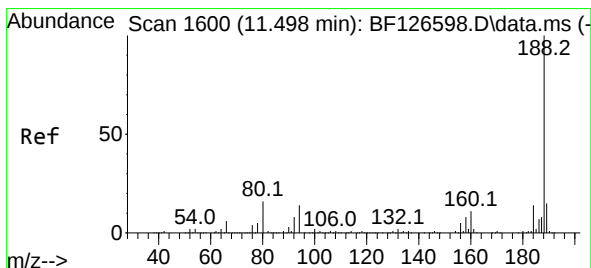
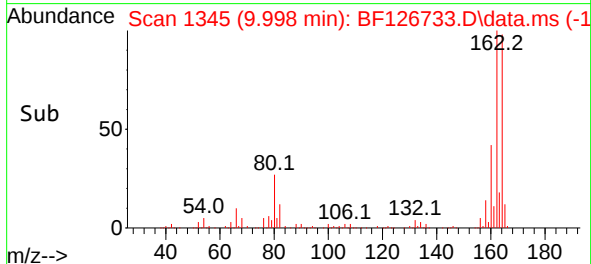
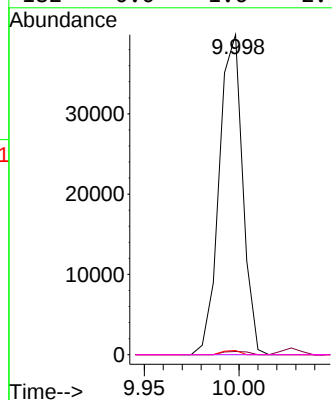
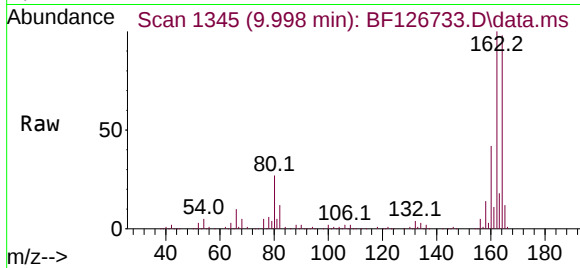




#57
2,4-Dinitrotoluene
Concen: 8.591 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

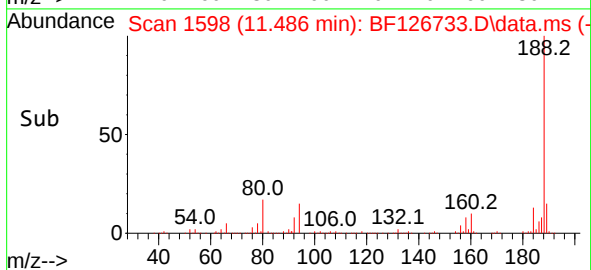
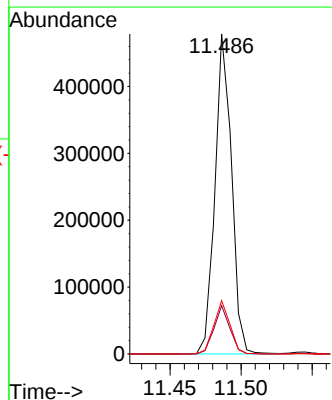
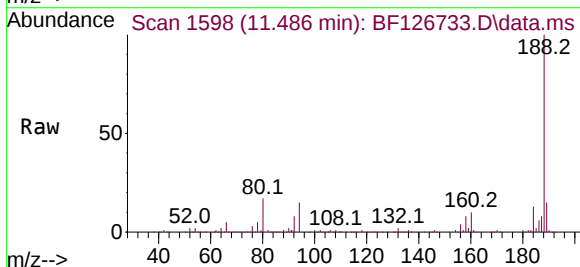
Instrument :
BNA_F
ClientSampleId :
CC-6

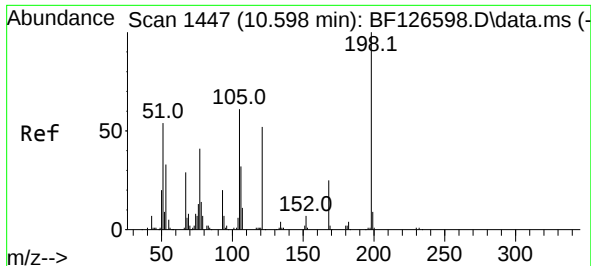
Tgt Ion:165 Resp: 34388
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126733.D
Acq: 28 Jan 2022 22:55

Tgt Ion:188 Resp: 388766
Ion Ratio Lower Upper
188 100
94 15.1 10.1 15.1
80 16.6 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.711 ng

RT: 10.786 min Scan# 1447

Delta R.T. 0.194 min

Lab File: BF126733.D

Acq: 28 Jan 2022 22:55

Instrument :

BNA_F

ClientSampleId :

CC-6

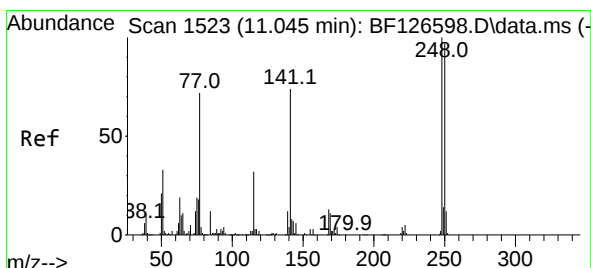
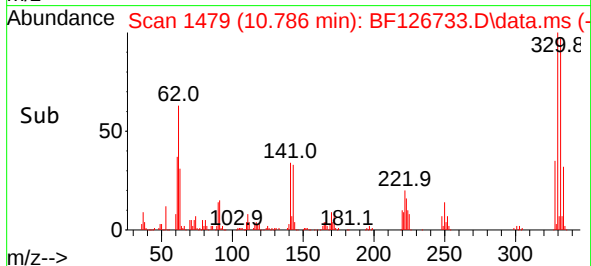
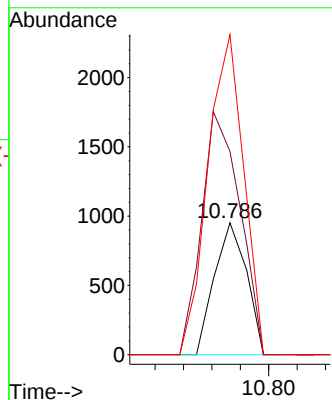
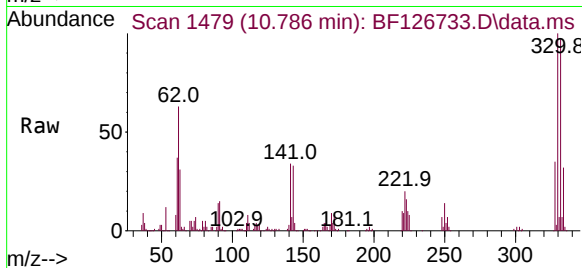
Tgt Ion:198 Resp: 744

Ion Ratio Lower Upper

198 100

51 154.1 32.0 72.0#

105 242.6 32.7 72.7#



#67

4-Bromophenyl-phenylether

Concen: 5.077 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.247 min

Lab File: BF126733.D

Acq: 28 Jan 2022 22:55

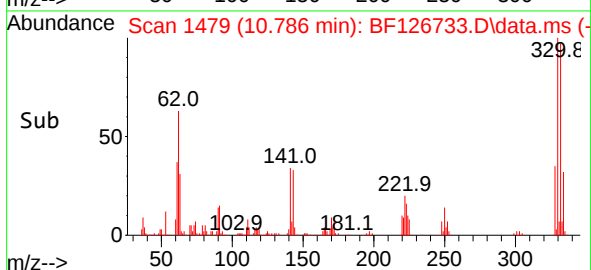
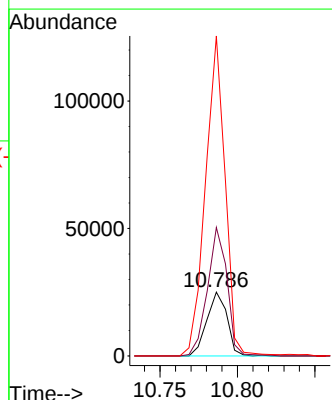
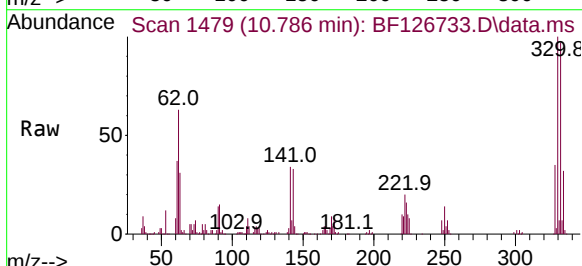
Tgt Ion:248 Resp: 22749

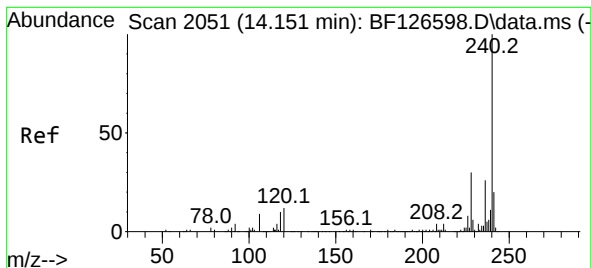
Ion Ratio Lower Upper

248 100

250 201.6 76.2 114.4#

141 501.8 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BF126733.D

Acq: 28 Jan 2022 22:55

Instrument :

BNA_F

ClientSampleId :

CC-6

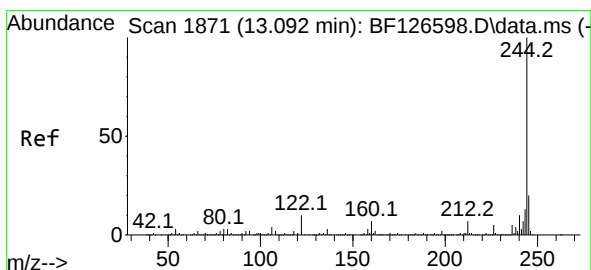
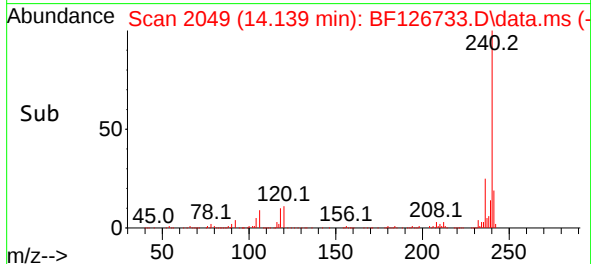
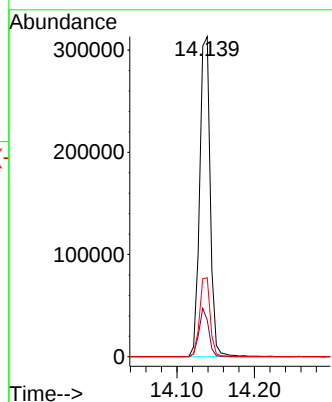
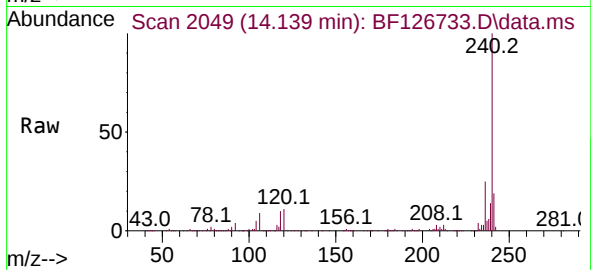
Tgt Ion:240 Resp: 295079

Ion Ratio Lower Upper

240 100

120 11.4 14.4 21.6#

236 24.7 20.5 30.7



#79

Terphenyl-d14

Concen: 85.754 ng

RT: 13.080 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BF126733.D

Acq: 28 Jan 2022 22:55

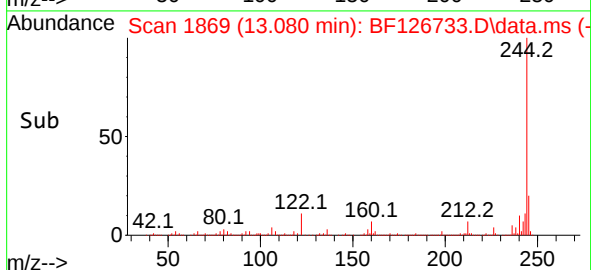
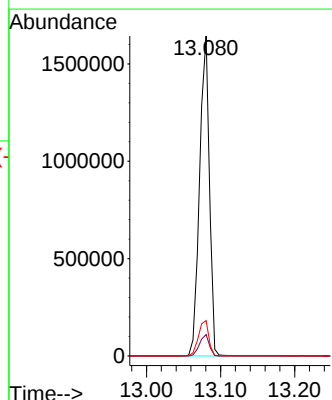
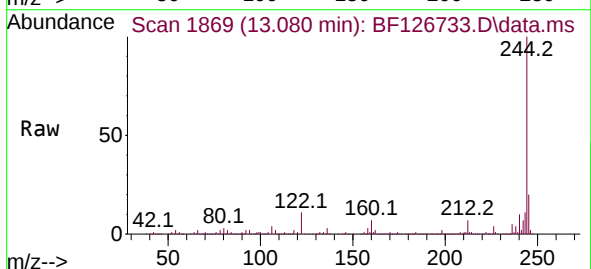
Tgt Ion:244 Resp: 1508658

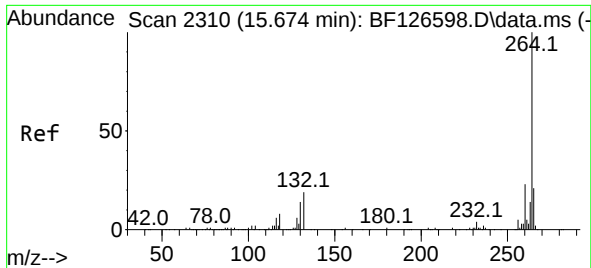
Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

122 11.0 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: BF126733.D
Acq: 28 Jan 2022 22:55

Instrument :
BNA_F
ClientSampleId :
CC-6

Tgt Ion:264 Resp: 297525
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 22.4 17.4 26.2

