

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128238.D
 Acq On : 13 May 2022 14:46
 Operator : CG\JU
 Sample : N2823-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-7

Quant Time: May 14 00:55:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

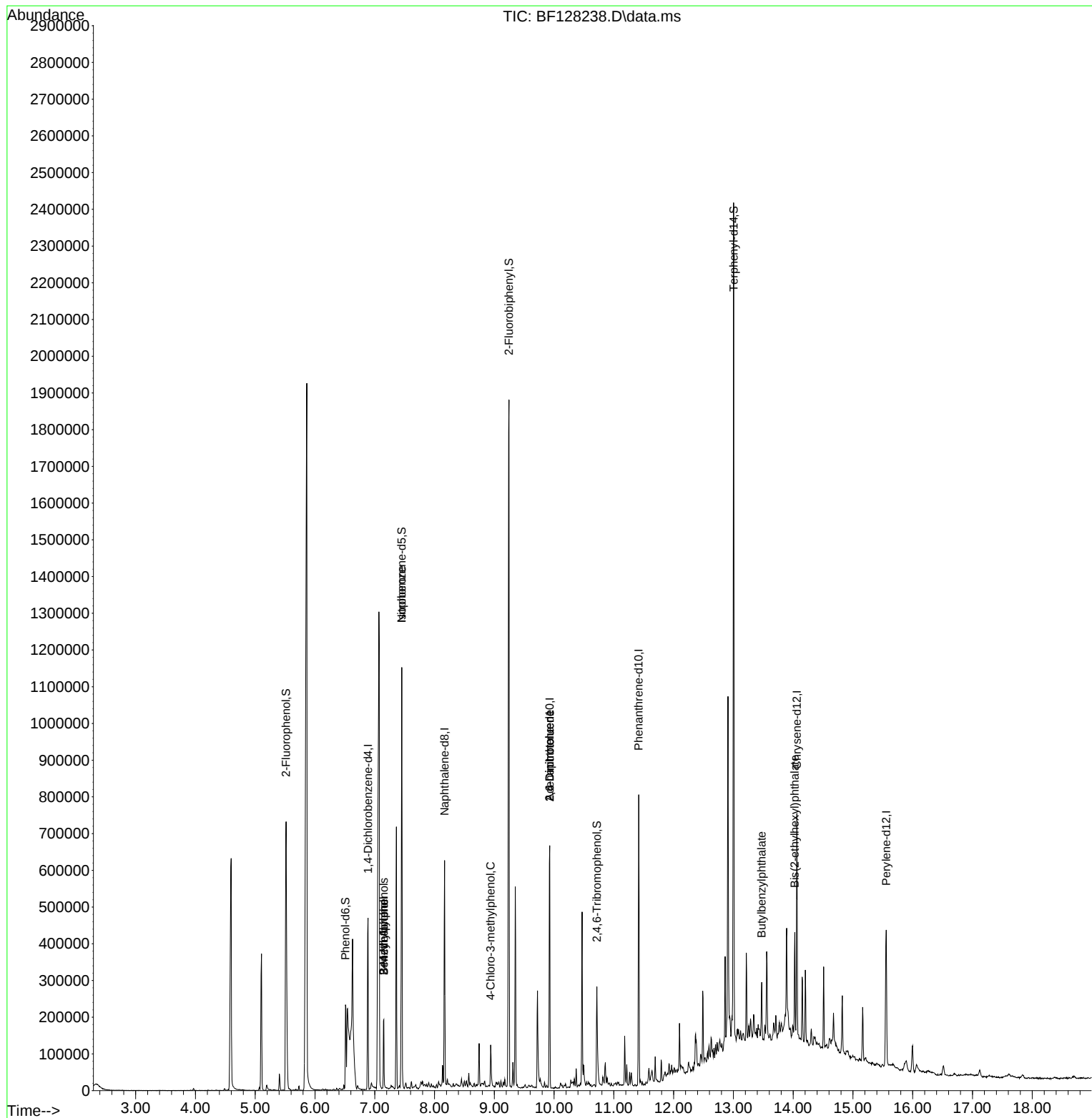
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	63022	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	244858	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	140931	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	260844	20.000	ng	0.00
76) Chrysene-d12	14.063	240	197925	20.000	ng	0.00
86) Perylene-d12	15.557	264	141724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	268956	68.032	ng	0.00
7) Phenol-d6	6.510	99	84403	16.142	ng	-0.02
23) Nitrobenzene-d5	7.451	82	357443	65.686	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	27105	16.770	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	598409	66.439	ng	0.00
79) Terphenyl-d14	13.004	244	727167	68.939	ng	0.00
Target Compounds						
9) Benzaldehyde	6.440	77	159	Below Cal	Qvalue	# 83
15) Benzyl Alcohol	7.151	79	15139	3.664 ng	#	1
17) 2-Methylphenol	7.151	107	28100	8.226 ng		96
20) 3+4-Methylphenols	7.151	107	28100	6.643 ng	#	66
25) Isophorone	7.451	82	357437	41.897 ng	#	68
36) 4-Chloro-3-methylphenol	8.939	107	11803	2.956 ng	#	21
51) 2,6-Dinitrotoluene	9.928	165	19113	9.580 ng	#	22
57) 2,4-Dinitrotoluene	9.928	165	19113	7.165 ng	#	26
80) Butylbenzylphthalate	13.474	149	14322	2.400 ng		91
84) Bis(2-ethylhexyl)phtha...	14.027	149	74583	9.252 ng		99

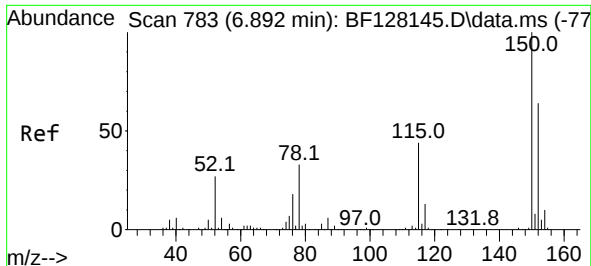
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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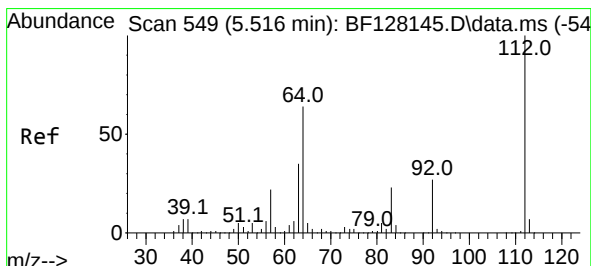
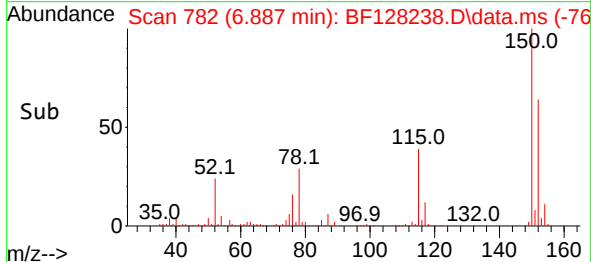
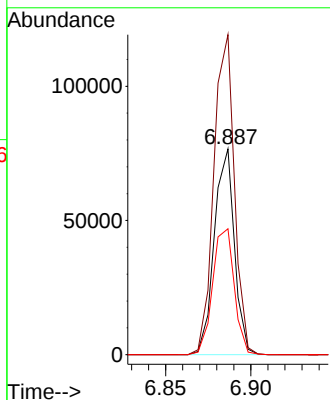
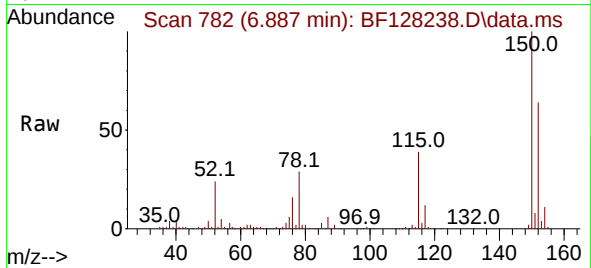




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128238.D
Acq: 13 May 2022 14:46

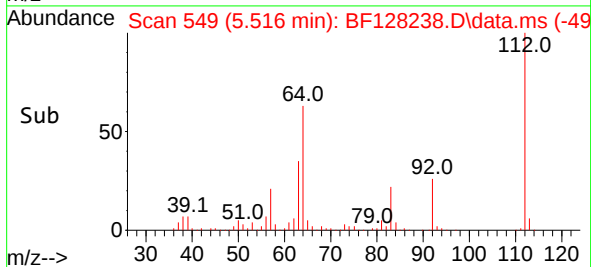
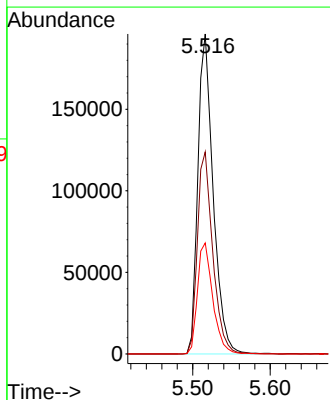
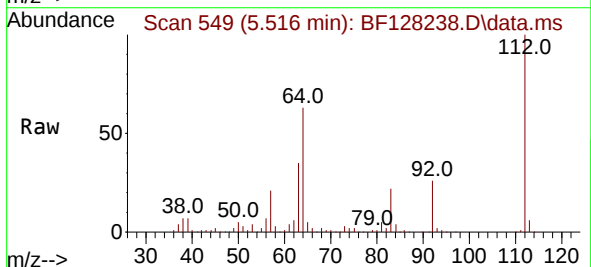
Instrument :
BNA_F
ClientSampleId :
SC-7

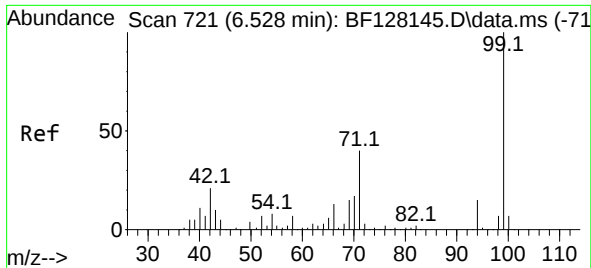
Tgt Ion:152 Resp: 63022
Ion Ratio Lower Upper
152 100
150 155.5 125.3 187.9
115 61.2 48.8 73.2



#5
2-Fluorophenol
Concen: 68.032 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF128238.D
Acq: 13 May 2022 14:46

Tgt Ion:112 Resp: 268956
Ion Ratio Lower Upper
112 100
64 63.2 49.5 74.3
63 34.7 26.3 39.5





#7

Phenol-d6

Concen: 16.142 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF128238.D

Acq: 13 May 2022 14:46

Instrument :

BNA_F

ClientSampleId :

SC-7

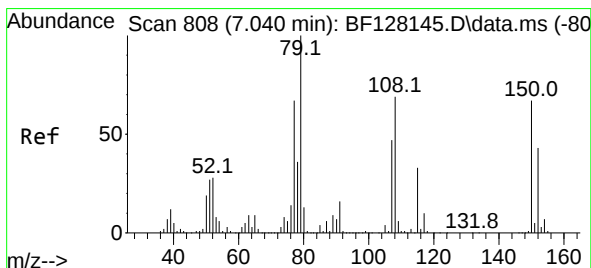
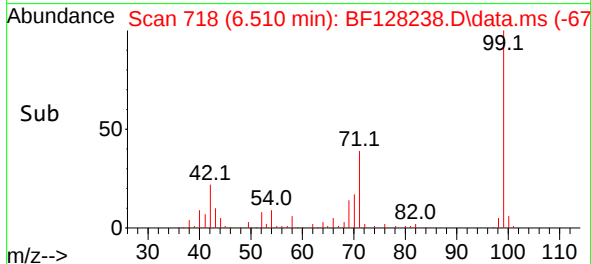
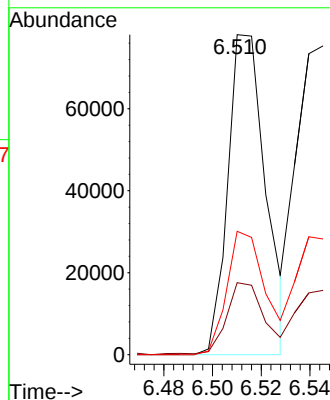
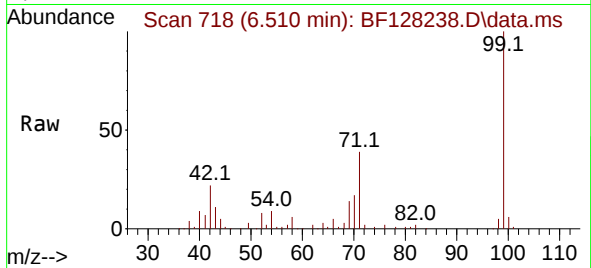
Tgt Ion: 99 Resp: 84403

Ion Ratio Lower Upper

99 100

42 22.5 16.6 24.8

71 38.5 30.0 45.0



#15

Benzyl Alcohol

Concen: 3.664 ng

RT: 7.151 min Scan# 827

Delta R.T. 0.118 min

Lab File: BF128238.D

Acq: 13 May 2022 14:46

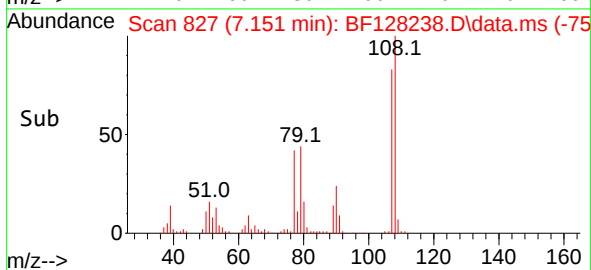
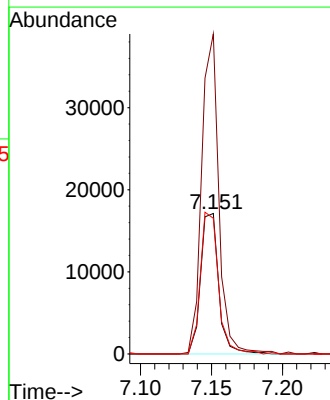
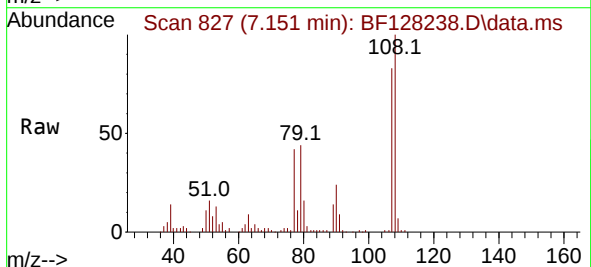
Tgt Ion: 79 Resp: 15139

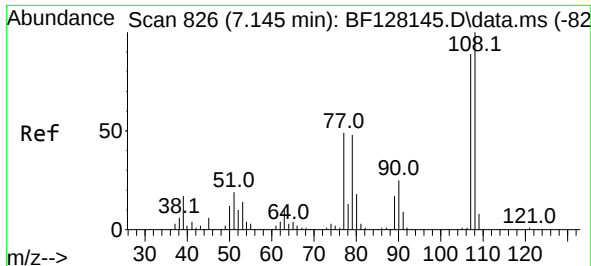
Ion Ratio Lower Upper

79 100

108 227.7 57.0 85.6#

77 96.5 50.2 75.4#





#17

2-Methylphenol

Concen: 8.226 ng

RT: 7.151 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF128238.D

Acq: 13 May 2022 14:46

Instrument :

BNA_F

ClientSampleId :

SC-7

Tgt Ion:107 Resp: 28100

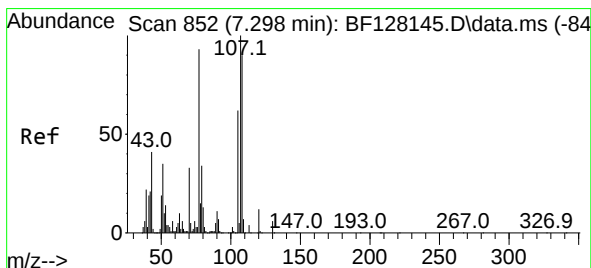
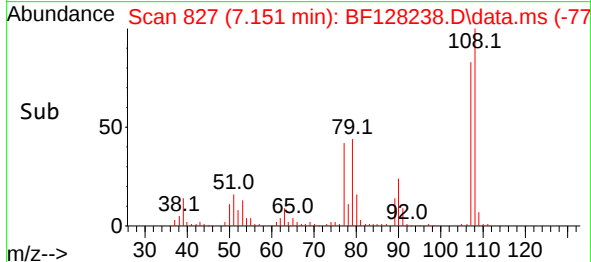
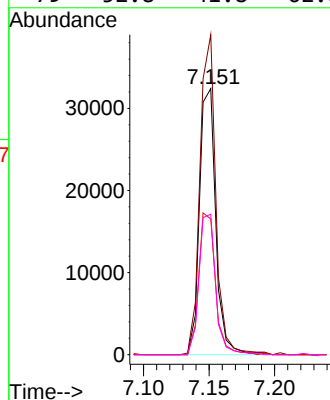
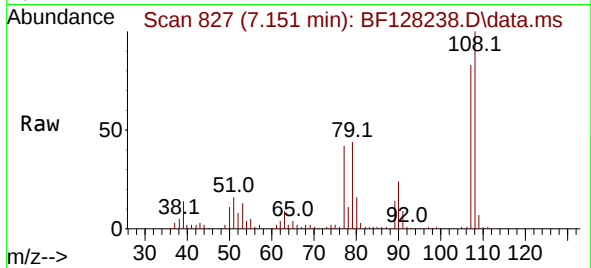
Ion Ratio Lower Upper

107 100

108 120.3 90.2 135.2

77 51.0 41.9 62.9

79 52.8 41.8 62.8



#20

3+4-Methylphenols

Concen: 6.643 ng

RT: 7.151 min Scan# 827

Delta R.T. -0.147 min

Lab File: BF128238.D

Acq: 13 May 2022 14:46

Tgt Ion:107 Resp: 28100

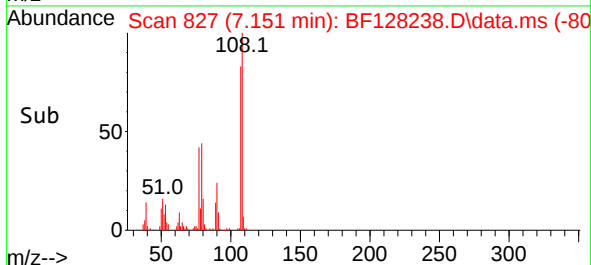
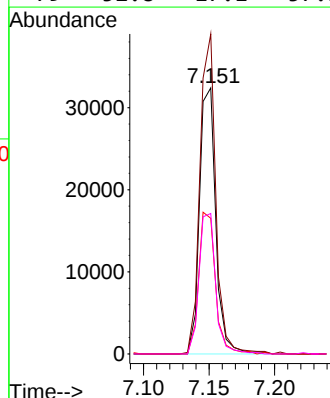
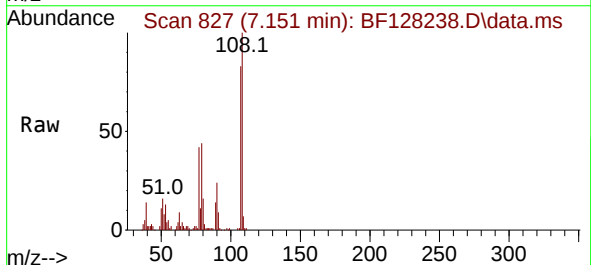
Ion Ratio Lower Upper

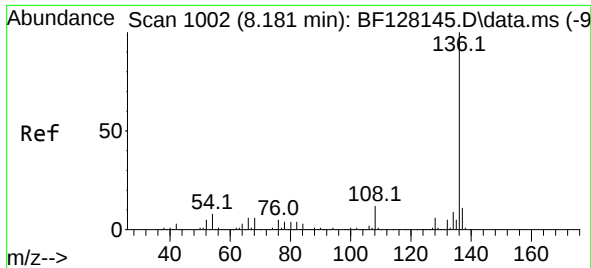
107 100

108 120.3 73.4 113.4#

77 51.0 71.1 111.1#

79 52.8 17.1 57.1



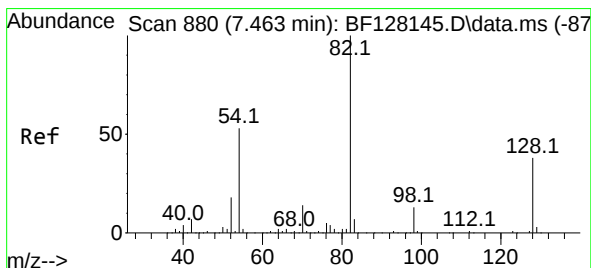
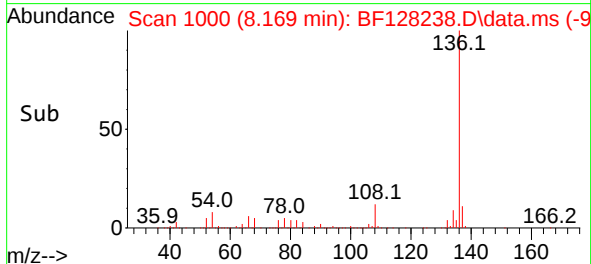
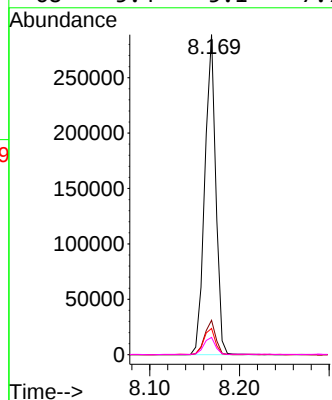
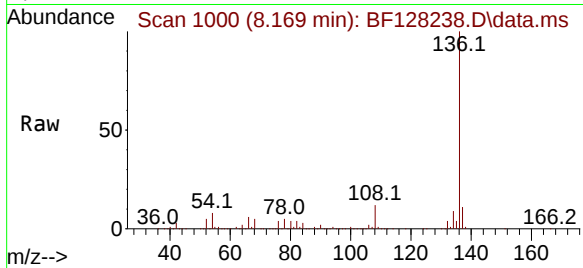


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128238.D
Acq: 13 May 2022 14:46

Instrument :
BNA_F
ClientSampleId :
SC-7

Tgt Ion:136 Resp: 244858

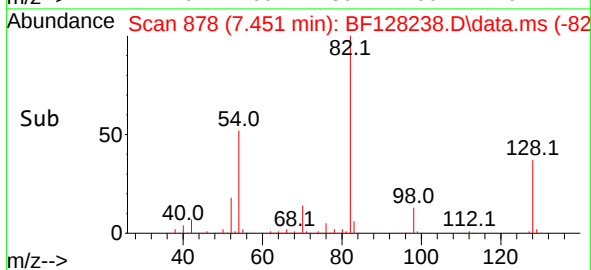
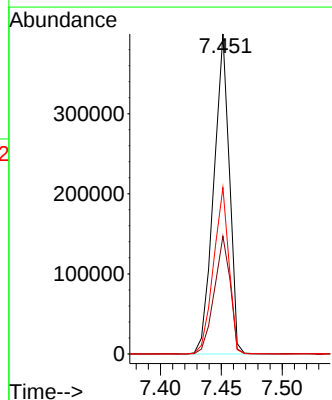
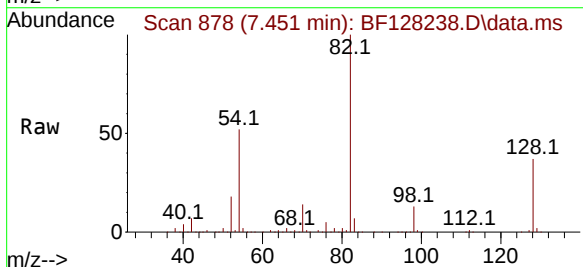
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.2	6.8	10.2
68	5.4	5.1	7.7

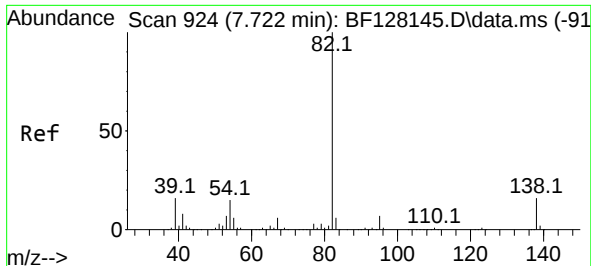


#23
Nitrobenzene-d5
Concen: 65.686 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128238.D
Acq: 13 May 2022 14:46

Tgt Ion: 82 Resp: 357443

Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.0	45.0
54	52.0	41.3	61.9

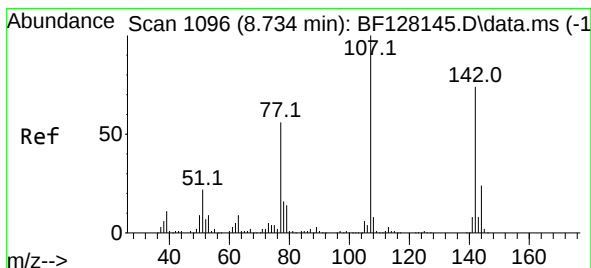
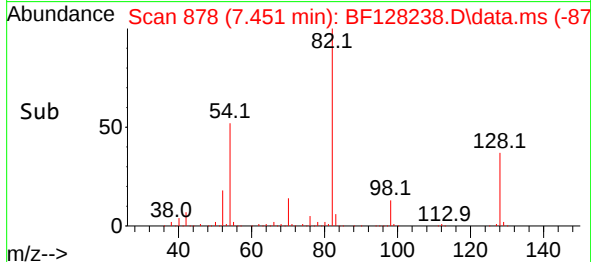
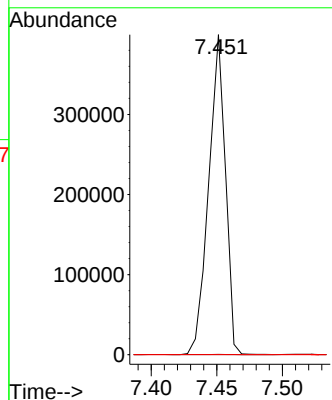
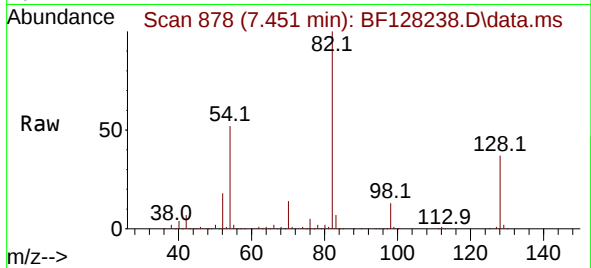




#25
Isophorone
Concen: 41.897 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128238.D
Acq: 13 May 2022 14:46

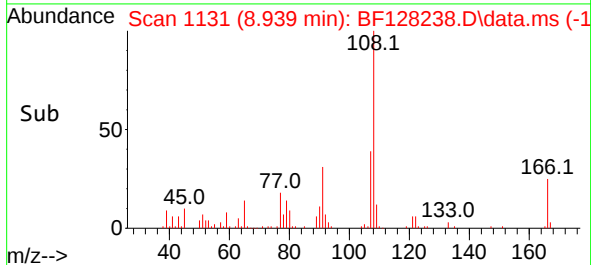
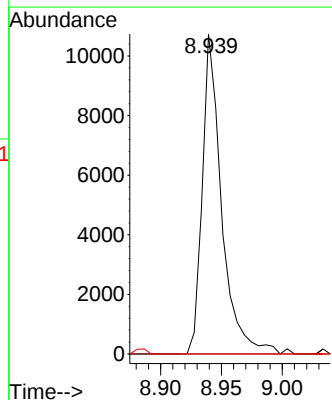
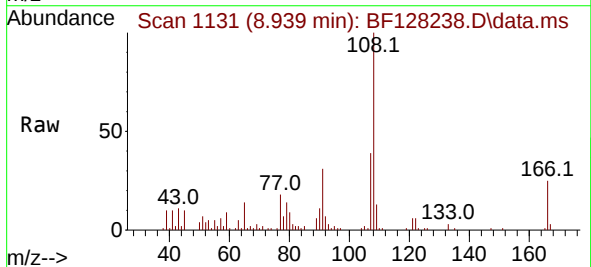
Instrument :
BNA_F
ClientSampleId :
SC-7

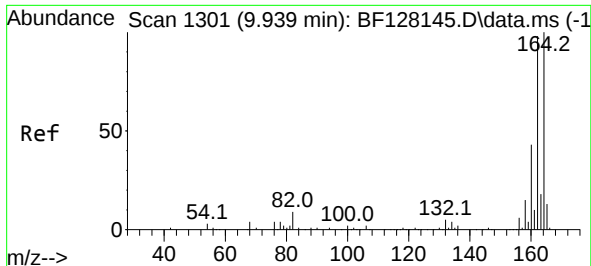
Tgt Ion: 82 Resp: 357437
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#36
4-Chloro-3-methylphenol
Concen: 2.956 ng
RT: 8.939 min Scan# 1131
Delta R.T. 0.212 min
Lab File: BF128238.D
Acq: 13 May 2022 14:46

Tgt Ion: 107 Resp: 11803
Ion Ratio Lower Upper
107 100
144 0.0 20.2 30.4#
142 0.0 61.5 92.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128238.D

Acq: 13 May 2022 14:46

Instrument :

BNA_F

ClientSampleId :

SC-7

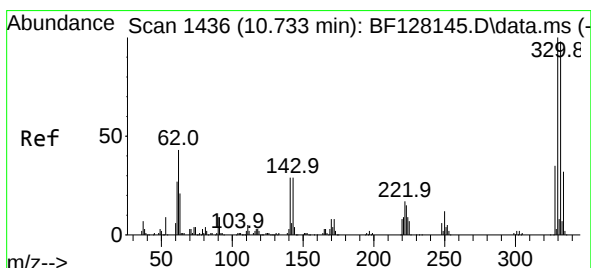
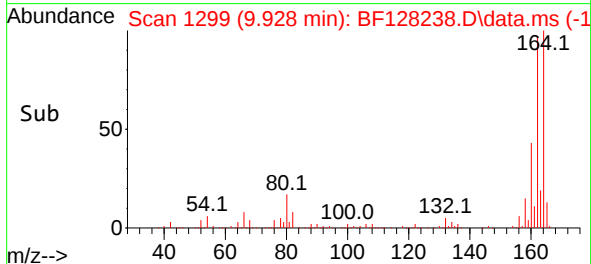
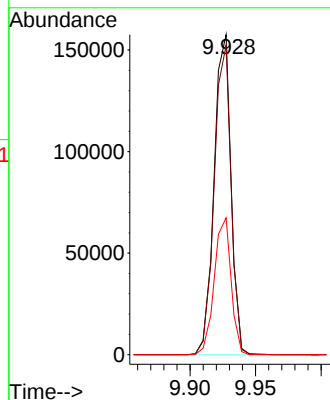
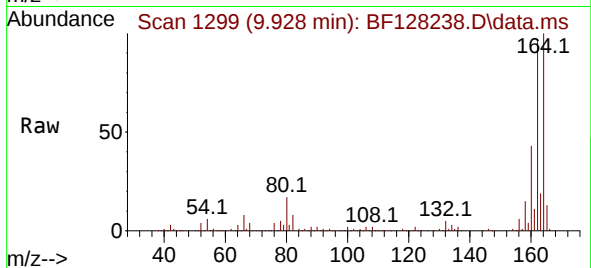
Tgt Ion:164 Resp: 140931

Ion Ratio Lower Upper

164 100

162 96.8 76.0 114.0

160 42.7 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 16.770 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128238.D

Acq: 13 May 2022 14:46

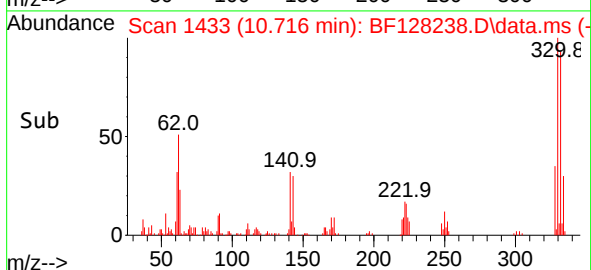
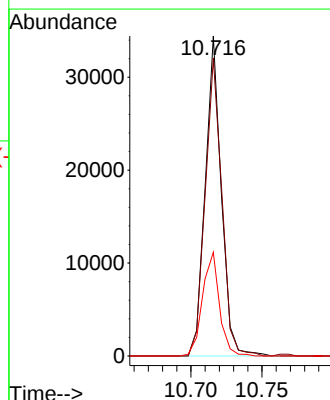
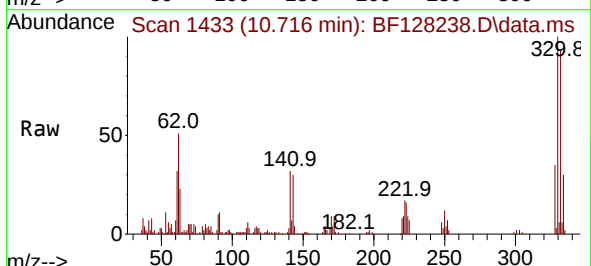
Tgt Ion:330 Resp: 27105

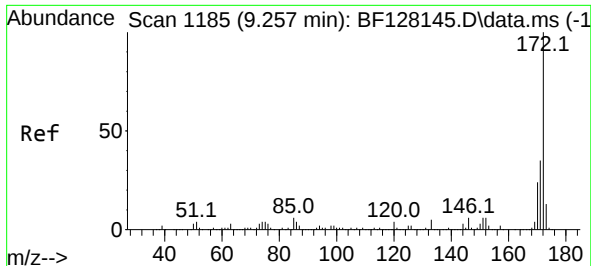
Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 34.2 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 66.439 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128238.D

Acq: 13 May 2022 14:46

Instrument :

BNA_F

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SC-7

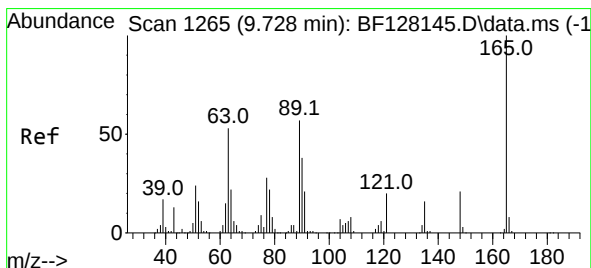
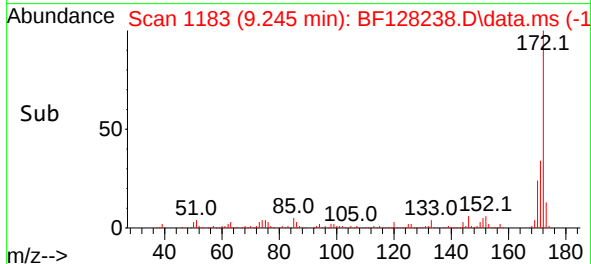
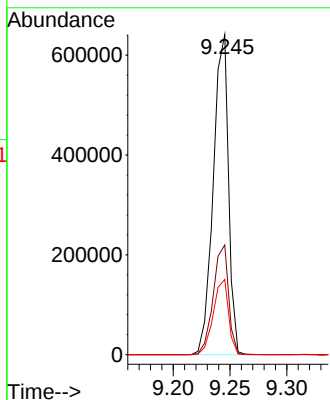
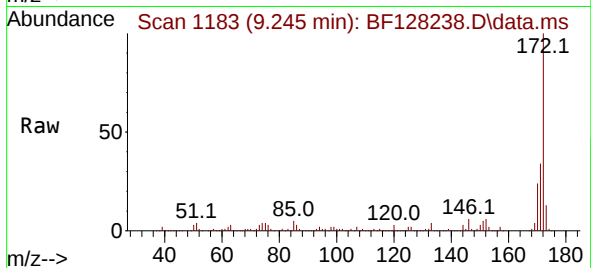
Tgt Ion:172 Resp: 598409

Ion Ratio Lower Upper

172 100

171 34.3 28.6 42.8

170 23.5 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.580 ng

RT: 9.928 min Scan# 1299

Delta R.T. 0.206 min

Lab File: BF128238.D

Acq: 13 May 2022 14:46

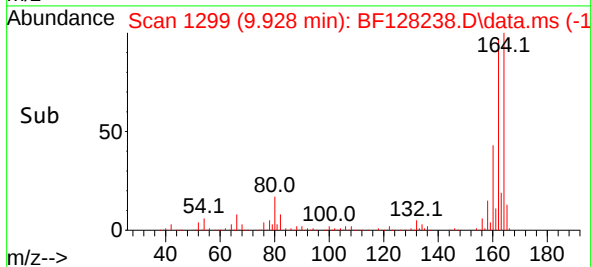
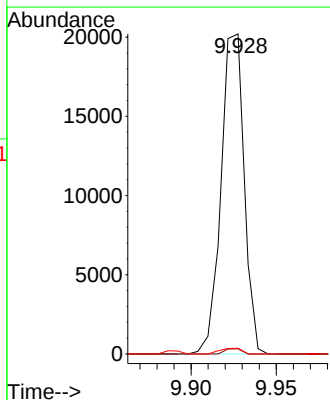
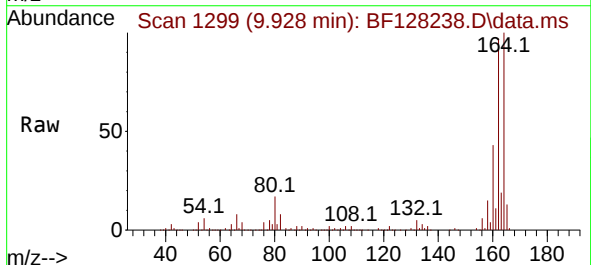
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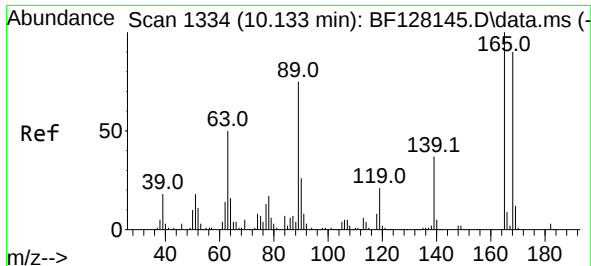
Ion Ratio Lower Upper

165 100

63 1.6 49.5 74.3#

89 1.8 49.0 73.4#

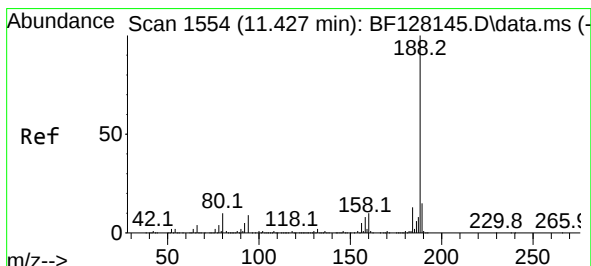
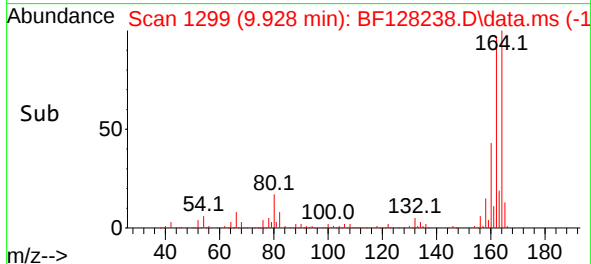
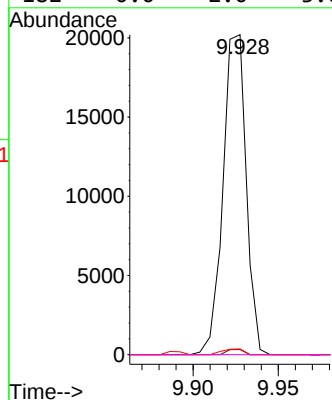
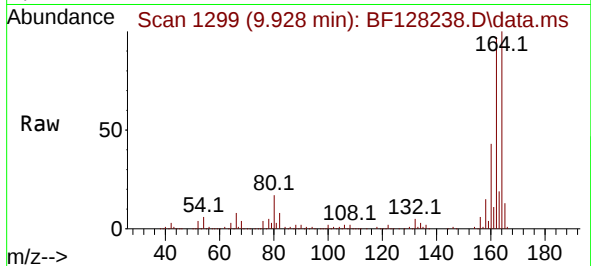




#57
2,4-Dinitrotoluene
Concen: 7.165 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128238.D
Acq: 13 May 2022 14:46

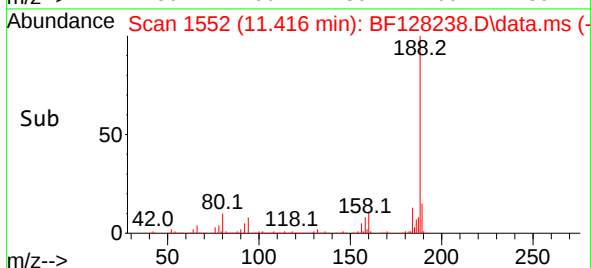
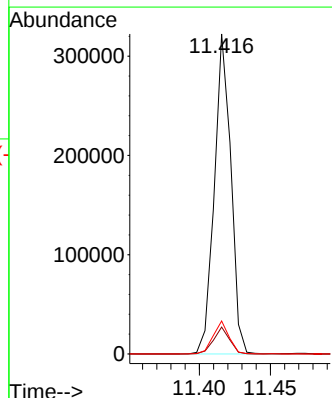
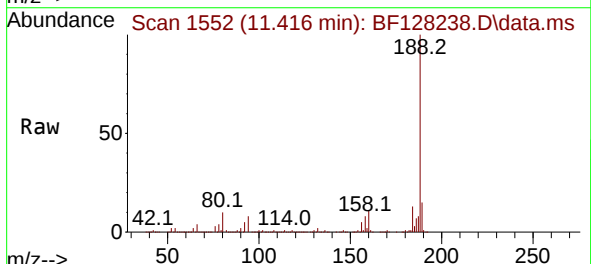
Instrument :
BNA_F
ClientSampleId :
SC-7

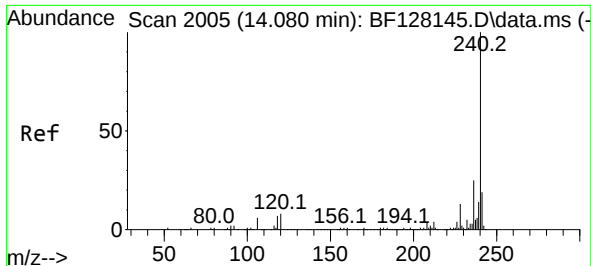
Tgt Ion:165 Resp: 19113
Ion Ratio Lower Upper
165 100
63 1.6 32.6 49.0#
89 1.8 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF128238.D
Acq: 13 May 2022 14:46

Tgt Ion:188 Resp: 260844
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 10.3 8.9 13.3

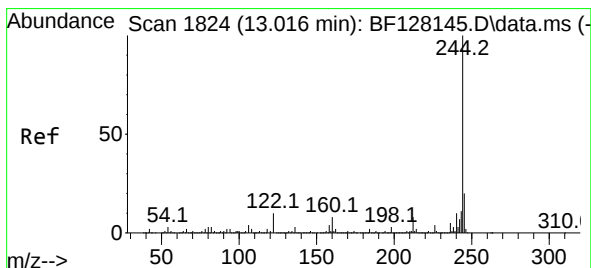
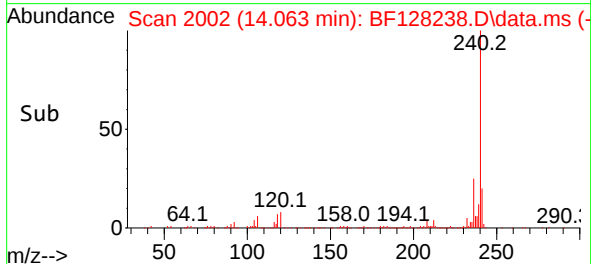
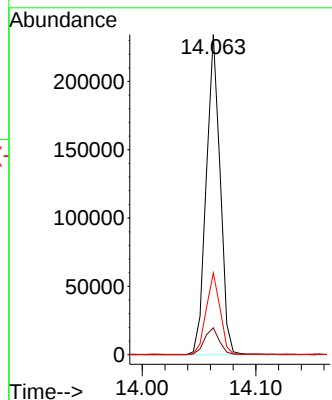
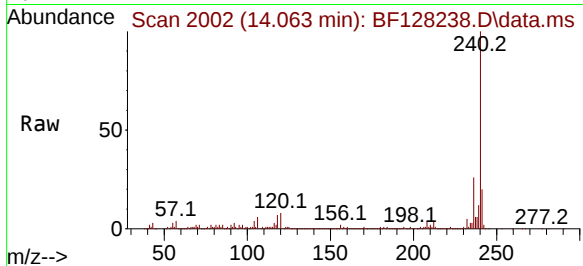




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128238.D
Acq: 13 May 2022 14:46

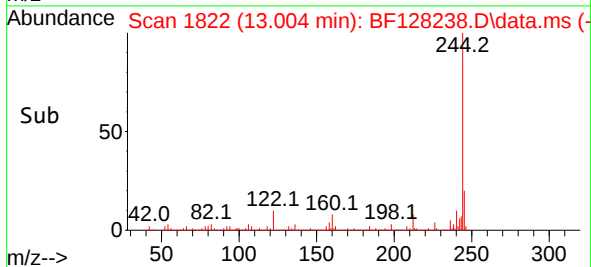
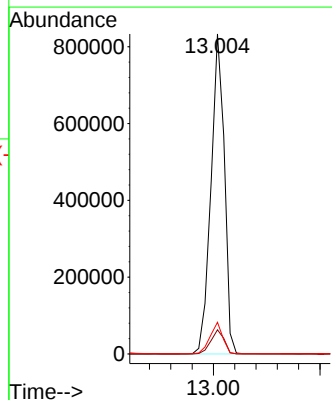
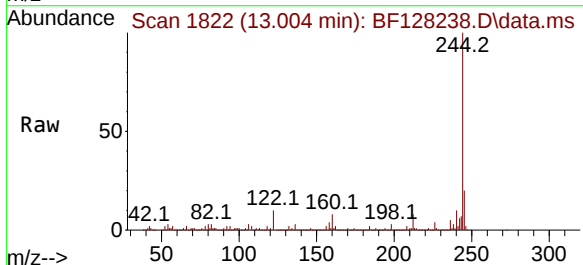
Instrument :
BNA_F
ClientSampleId :
SC-7

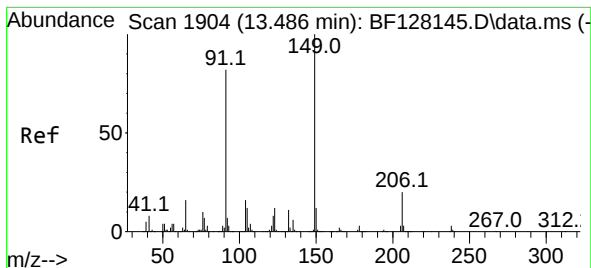
Tgt Ion:240 Resp: 197925
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 68.939 ng
RT: 13.004 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF128238.D
Acq: 13 May 2022 14:46

Tgt Ion:244 Resp: 727167
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 9.9 8.6 12.8





#80

Butylbenzylphthalate

Concen: 2.400 ng

RT: 13.474 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BF128238.D

Acq: 13 May 2022 14:46

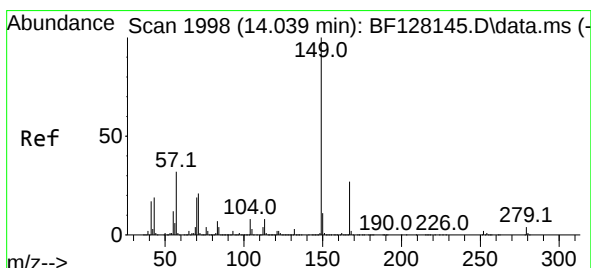
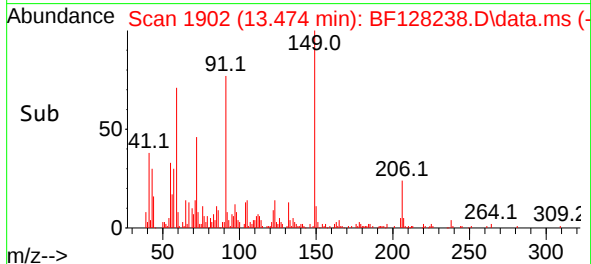
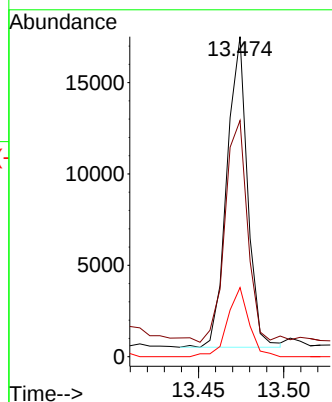
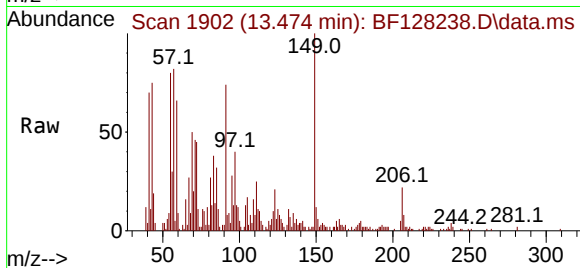
Instrument :

BNA_F

ClientSampleId :

SC-7

Tgt Ion:149	Resp:	14322
Ion Ratio	Lower	Upper
149	100	
91	73.8	65.8 98.6
206	21.6	15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.252 ng

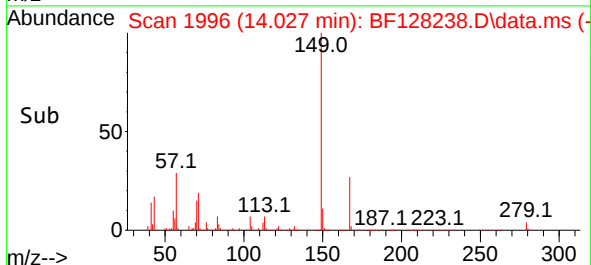
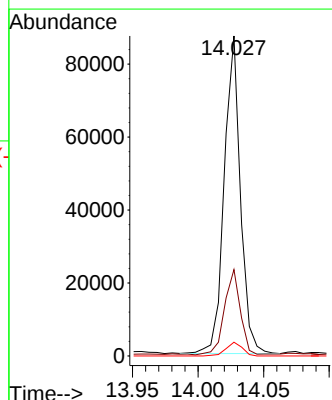
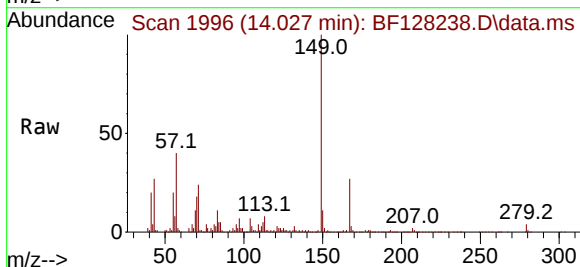
RT: 14.027 min Scan# 1996

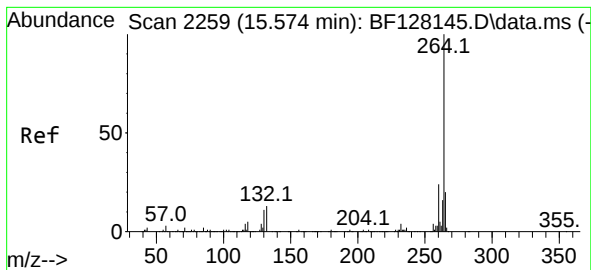
Delta R.T. 0.000 min

Lab File: BF128238.D

Acq: 13 May 2022 14:46

Tgt Ion:149	Resp:	74583
Ion Ratio	Lower	Upper
149	100	
167	27.0	22.0 33.0
279	4.3	3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128238.D

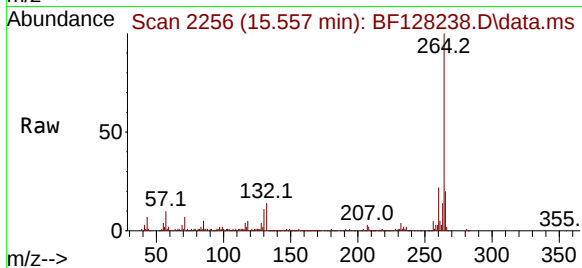
Acq: 13 May 2022 14:46

Instrument :

BNA_F

ClientSampleId :

SC-7



Tgt Ion:264 Resp: 141724

Ion Ratio Lower Upper

264 100

260 22.4 20.1 30.1

265 20.4 17.5 26.3

