

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128038.D
 Acq On : 02 May 2022 21:03
 Operator : CG\JU
 Sample : N2637-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-10

Quant Time: May 03 07:29:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

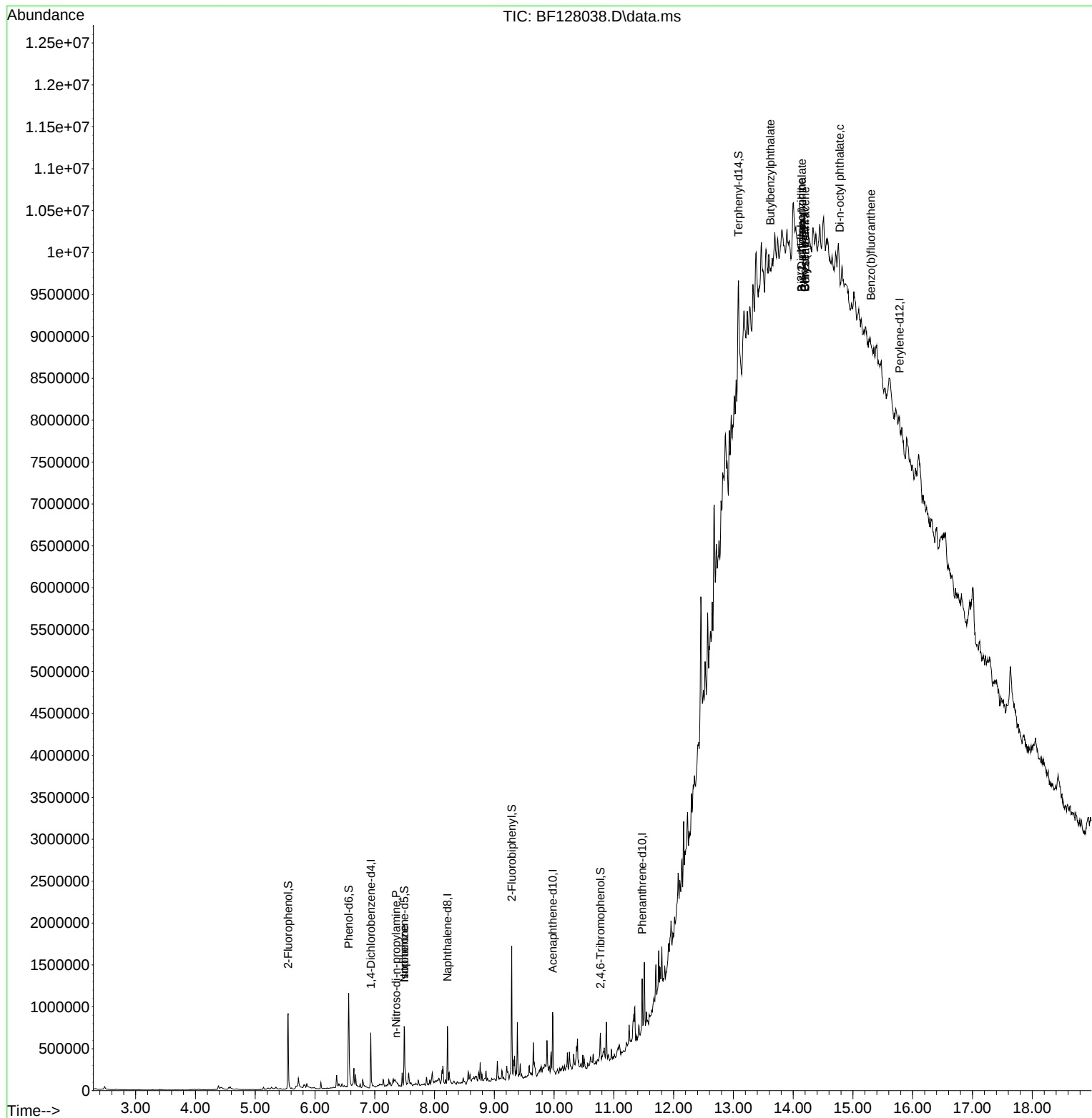
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	77348	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	262704	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	132052	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	224839	20.000	ng	0.00
76) Chrysene-d12	14.192	240	60221	20.000	ng	# 0.08
86) Perylene-d12	15.780	264	73744	20.000	ng	# 0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	258071	53.143	ng	0.00
7) Phenol-d6	6.563	99	355251	56.378	ng	0.00
23) Nitrobenzene-d5	7.492	82	218518	39.115	ng	-0.01
42) 2,4,6-Tribromophenol	10.774	330	38237	28.764	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	389462	49.895	ng	0.00
79) Terphenyl-d14	13.086	244	225917	68.598	ng	0.03
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	11451	2.969	ng	# 58
25) Isophorone	7.492	82	218749	23.265	ng	# 68
80) Butylbenzylphthalate	13.621	149	10744	5.639	ng	# 56
81) Benzo(a)anthracene	14.204	228	32999	8.221	ng	# 48
82) 3,3'-Dichlorobenzidine	14.139	252	7646	5.999	ng	# 1
83) Chrysene	14.204	228	33091	8.632	ng	# 54
84) Bis(2-ethylhexyl)phtha...	14.145	149	83350	32.986	ng	# 73
85) Di-n-octyl phthalate	14.780	149	22028	5.625	ng	# 69
88) Benzo(b)fluoranthene	15.304	252	12299	2.655	ng	# 1

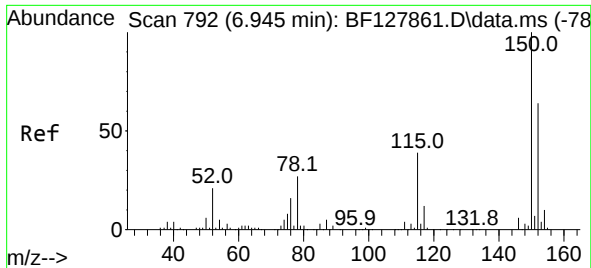
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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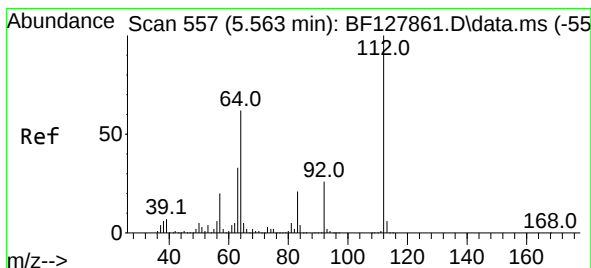
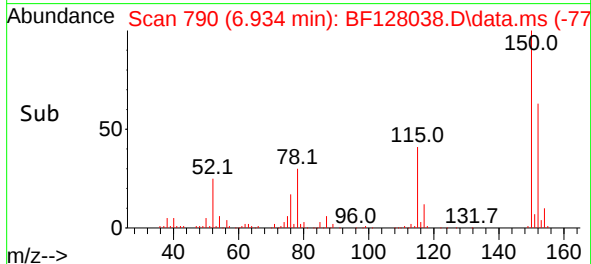
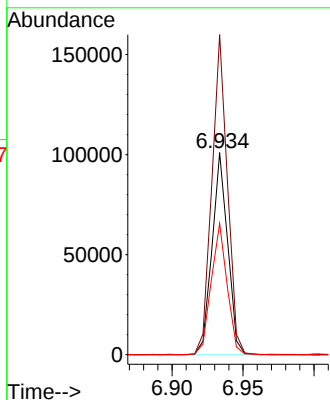
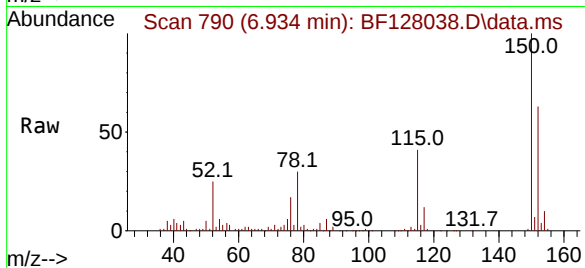




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF128038.D
Acq: 02 May 2022 21:03

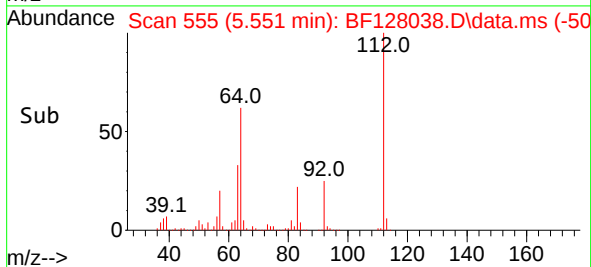
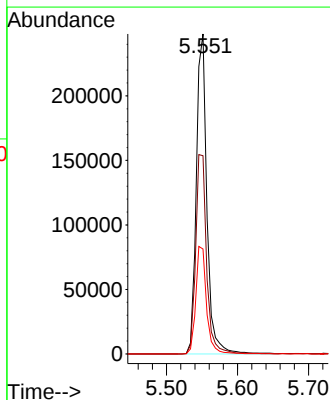
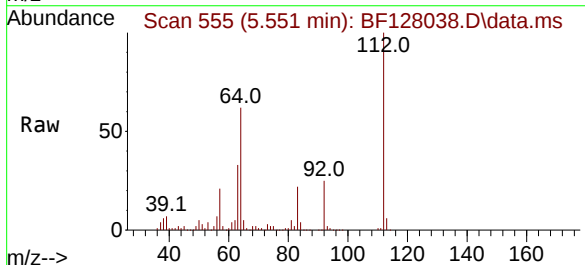
Instrument :
BNA_F
ClientSampleId :
DS-10

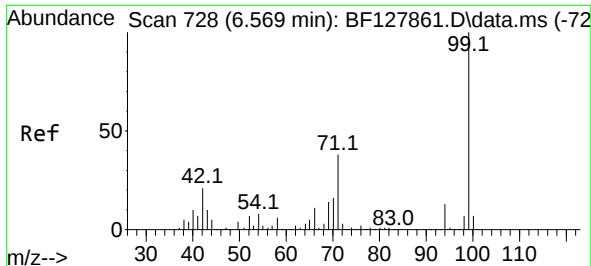
Tgt Ion:152 Resp: 77348
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 65.0 48.8 73.2



#5
2-Fluorophenol
Concen: 53.143 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF128038.D
Acq: 02 May 2022 21:03

Tgt Ion:112 Resp: 258071
Ion Ratio Lower Upper
112 100
64 61.9 49.5 74.3
63 32.8 26.3 39.5





#7

Phenol-d6

Concen: 56.378 ng

RT: 6.563 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF128038.D

Acq: 02 May 2022 21:03

Instrument :

BNA_F

ClientSampleId :

DS-10

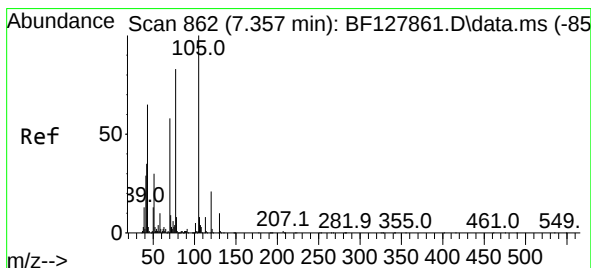
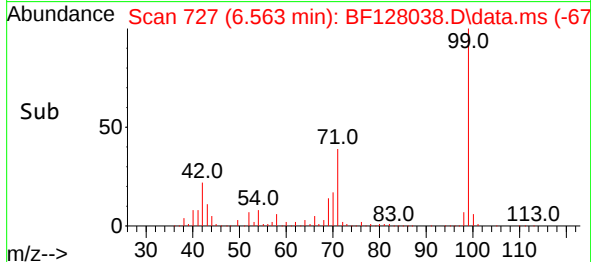
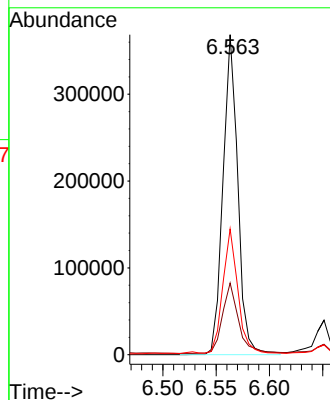
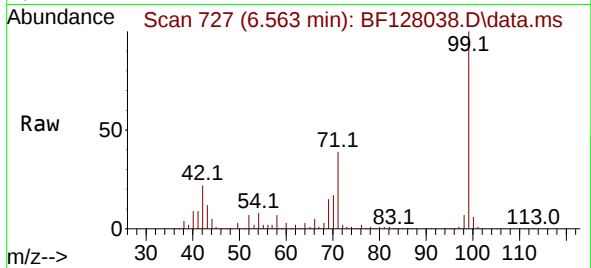
Tgt Ion: 99 Resp: 355251

Ion Ratio Lower Upper

99 100

42 22.4 16.6 24.8

71 39.3 30.0 45.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.969 ng

RT: 7.357 min Scan# 862

Delta R.T. 0.012 min

Lab File: BF128038.D

Acq: 02 May 2022 21:03

Tgt Ion: 70 Resp: 11451

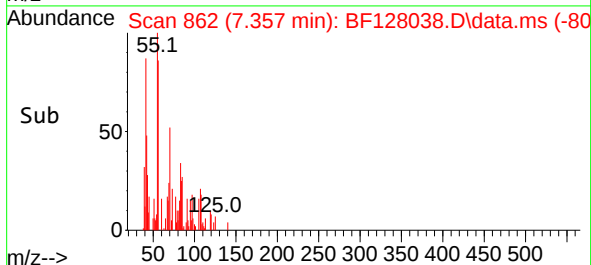
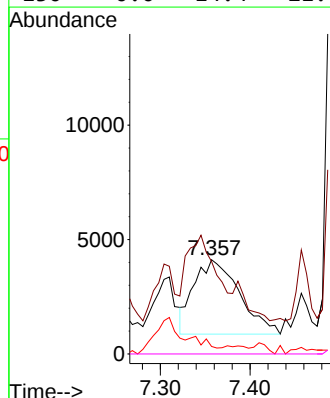
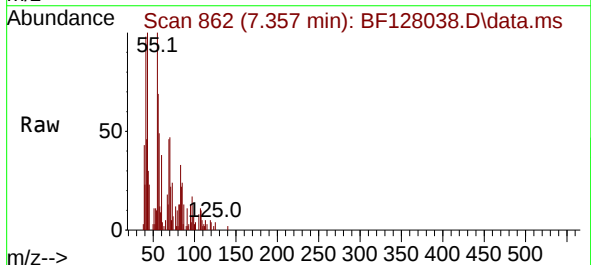
Ion Ratio Lower Upper

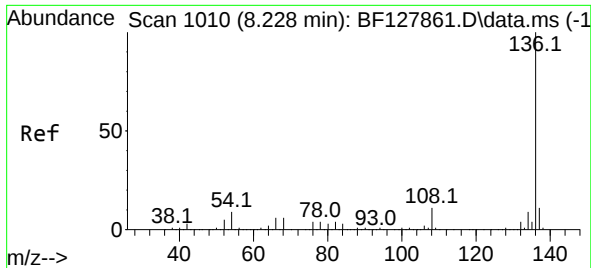
70 100

42 98.2 48.7 73.1#

101 8.0 7.2 10.8

130 0.0 14.4 21.6#

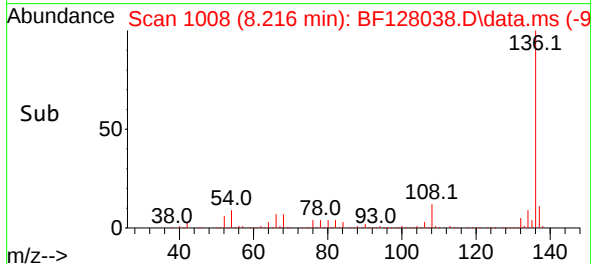
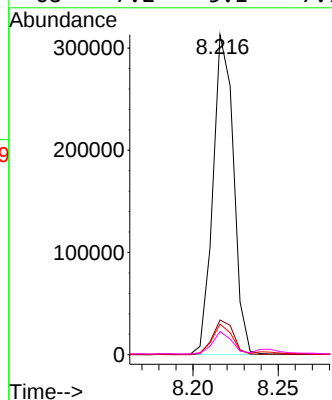
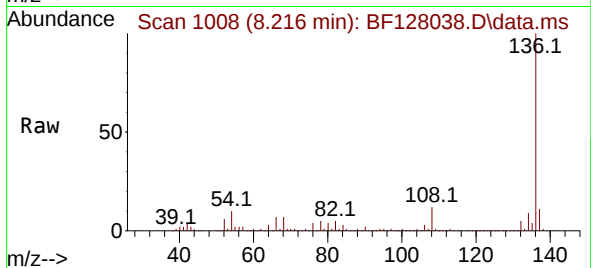




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF128038.D
Acq: 02 May 2022 21:03

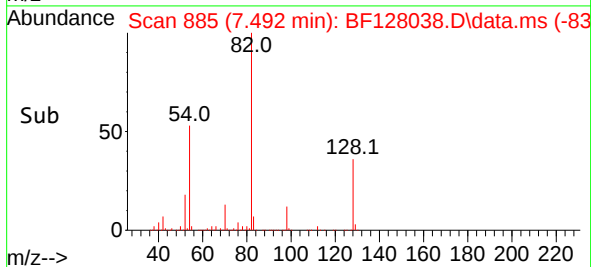
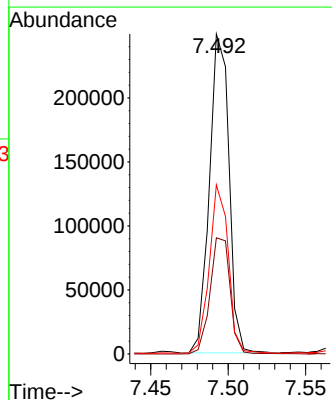
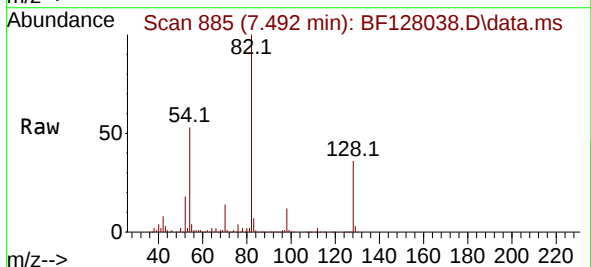
Instrument :
BNA_F
ClientSampleId :
DS-10

Tgt Ion:136	Resp: 262704
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 9.5	6.8 10.2
68 7.2	5.1 7.7



#23
Nitrobenzene-d5
Concen: 39.115 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF128038.D
Acq: 02 May 2022 21:03

Tgt Ion: 82	Resp: 218518
Ion Ratio	Lower Upper
82 100	
128 36.3	30.0 45.0
54 52.8	41.3 61.9

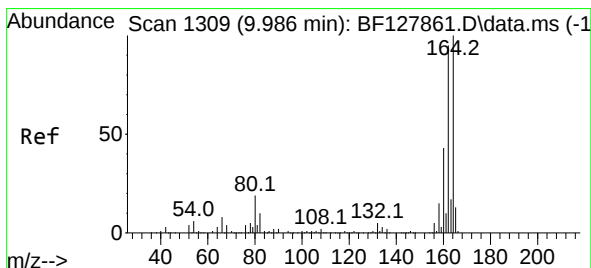
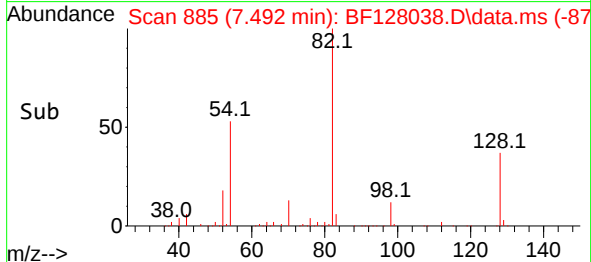
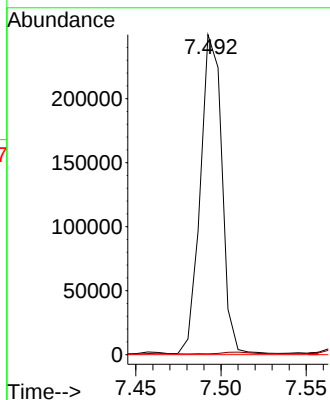
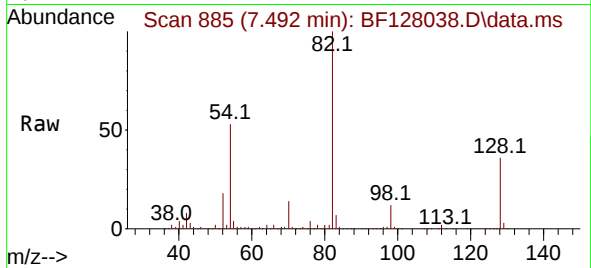




#25
Isophorone
Concen: 23.265 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128038.D
Acq: 02 May 2022 21:03

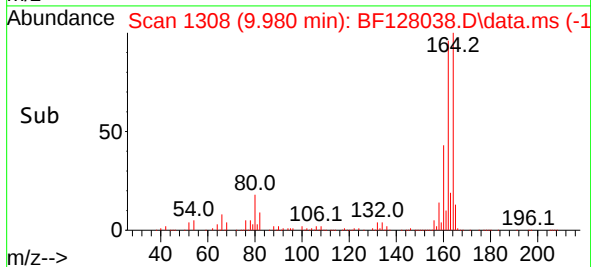
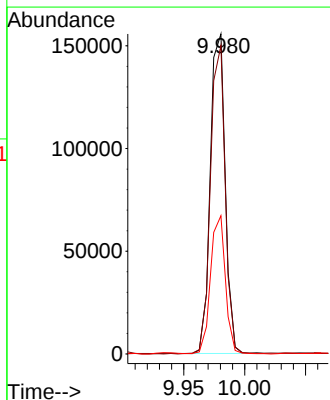
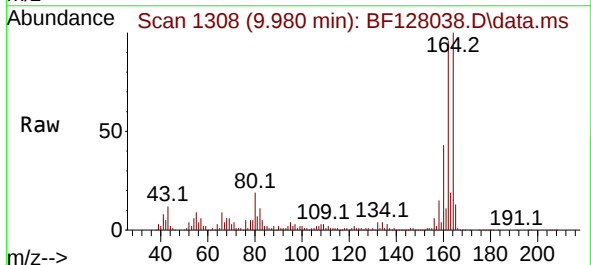
Instrument :
BNA_F
ClientSampleId :
DS-10

Tgt Ion: 82 Resp: 218749
Ion Ratio Lower Upper
82 100
95 0.3 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF128038.D
Acq: 02 May 2022 21:03

Tgt Ion:164 Resp: 132052
Ion Ratio Lower Upper
164 100
162 96.4 76.0 114.0
160 43.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 28.764 ng

RT: 10.774 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF128038.D

Acq: 02 May 2022 21:03

Instrument :

BNA_F

ClientSampleId :

DS-10

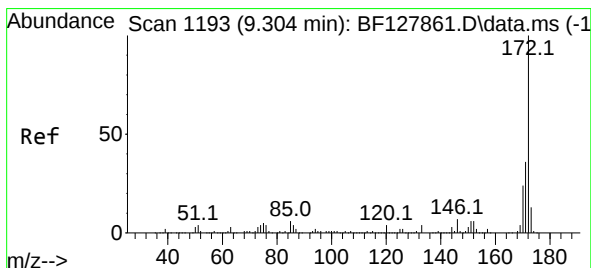
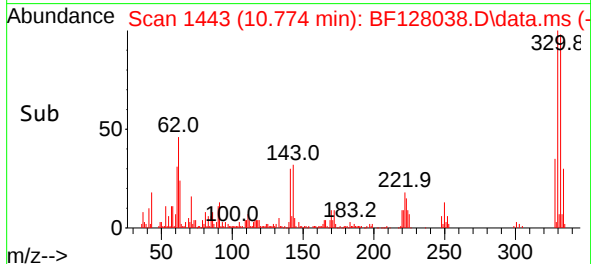
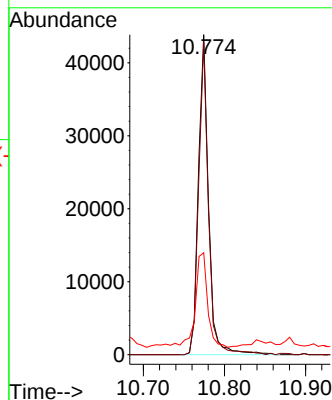
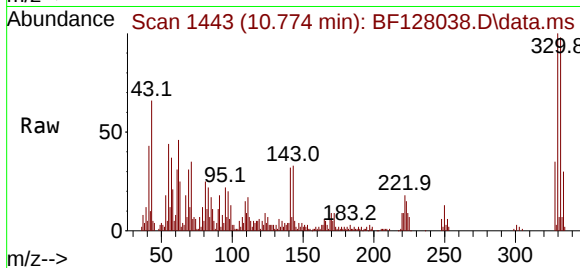
Tgt Ion:330 Resp: 38237

Ion Ratio Lower Upper

330 100

332 94.7 79.0 118.4

141 37.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 49.895 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF128038.D

Acq: 02 May 2022 21:03

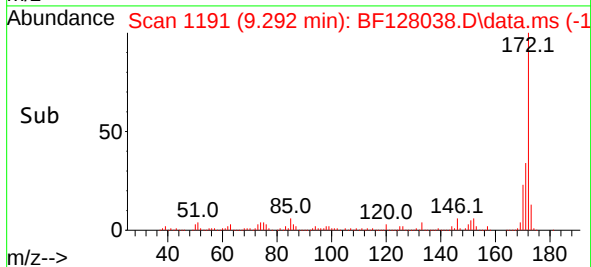
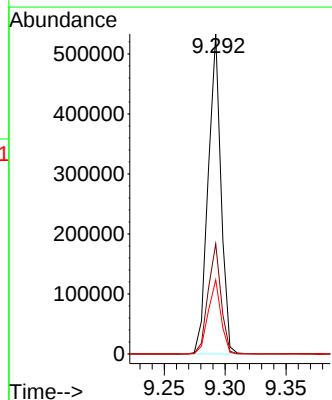
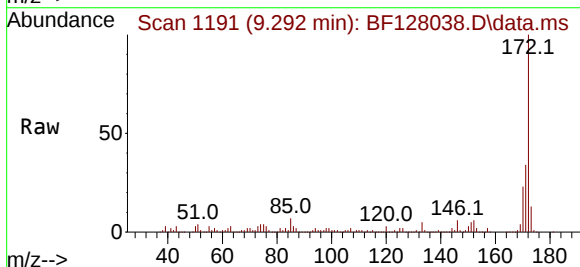
Tgt Ion:172 Resp: 389462

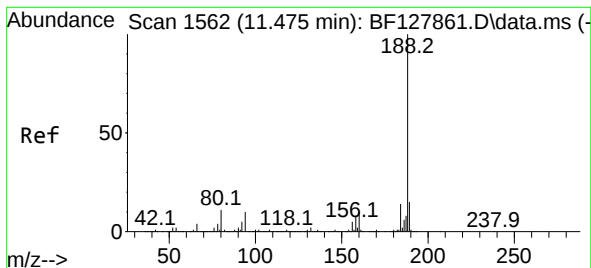
Ion Ratio Lower Upper

172 100

171 34.4 28.6 42.8

170 23.1 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.474 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128038.D

Acq: 02 May 2022 21:03

Instrument :

BNA_F

ClientSampleId :

DS-10

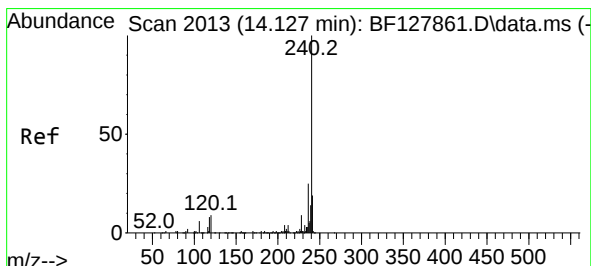
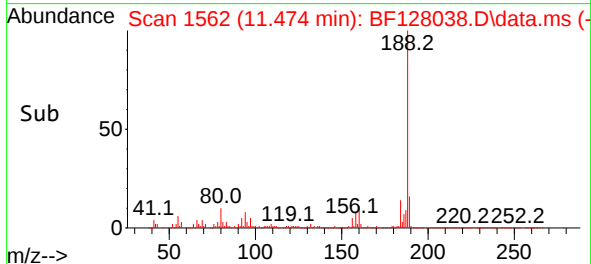
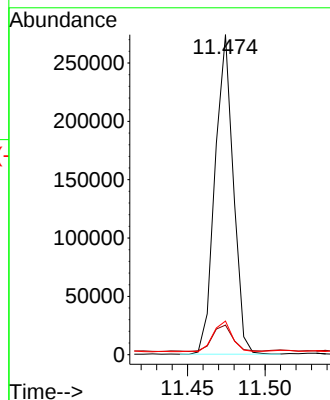
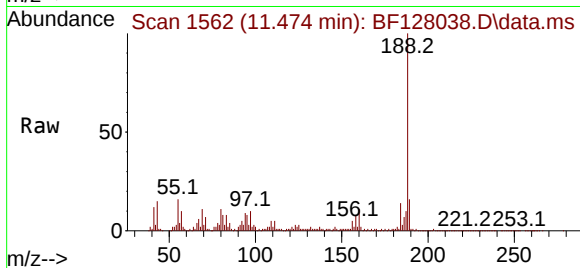
Tgt Ion:188 Resp: 224839

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 10.5 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.192 min Scan# 2024

Delta R.T. 0.076 min

Lab File: BF128038.D

Acq: 02 May 2022 21:03

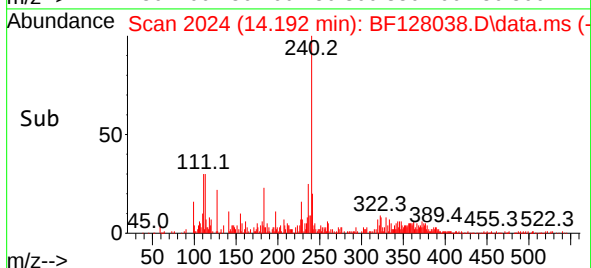
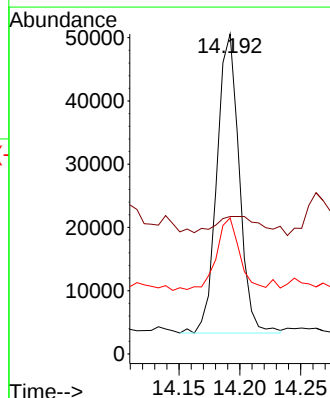
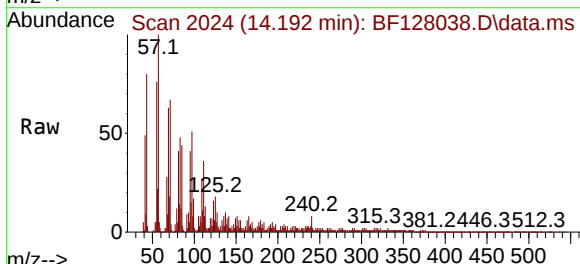
Tgt Ion:240 Resp: 60221

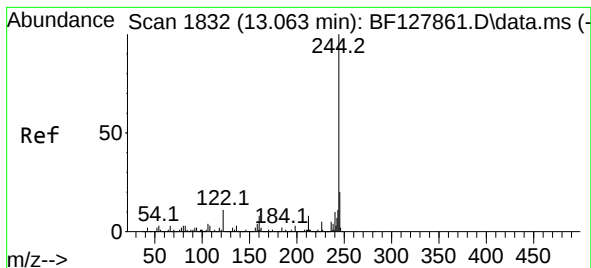
Ion Ratio Lower Upper

240 100

120 42.9 7.0 10.6#

236 42.5 20.3 30.5#





#79

Terphenyl-d14

Concen: 68.598 ng

RT: 13.086 min Scan# 11

Delta R.T. 0.029 min

Lab File: BF128038.D

Acq: 02 May 2022 21:03

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DS-10

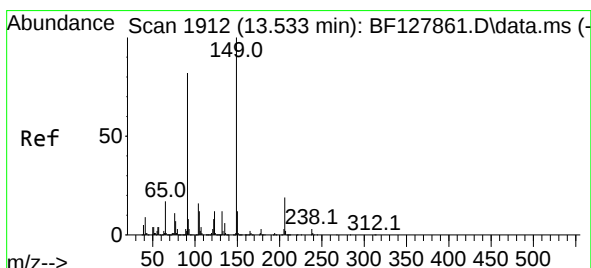
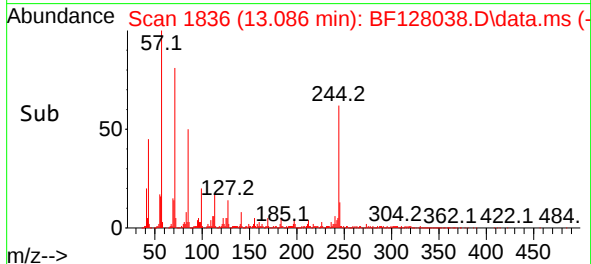
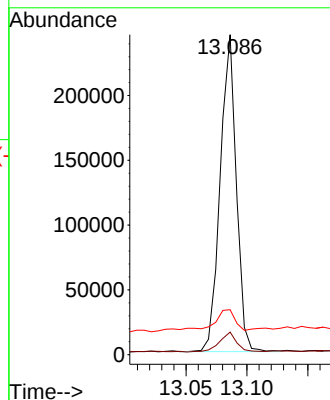
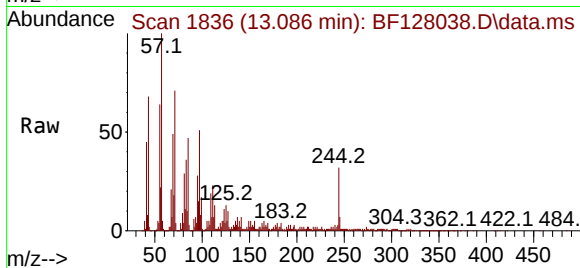
Tgt Ion:244 Resp: 225917

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.4

122 14.0 8.6 12.8#



#80

Butylbenzylphthalate

Concen: 5.639 ng

RT: 13.621 min Scan# 1927

Delta R.T. 0.094 min

Lab File: BF128038.D

Acq: 02 May 2022 21:03

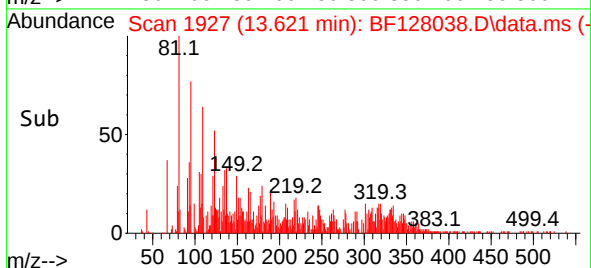
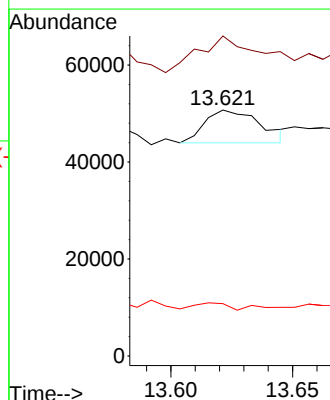
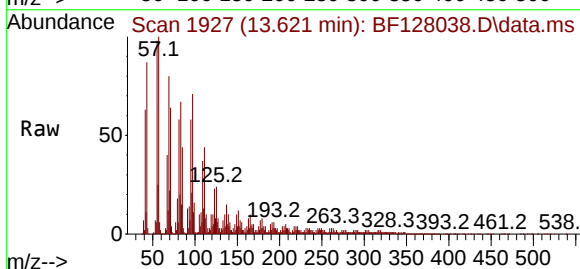
Tgt Ion:149 Resp: 10744

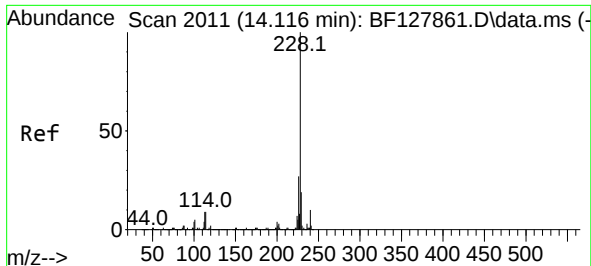
Ion Ratio Lower Upper

149 100

91 130.1 65.8 98.6#

206 21.3 15.4 23.2

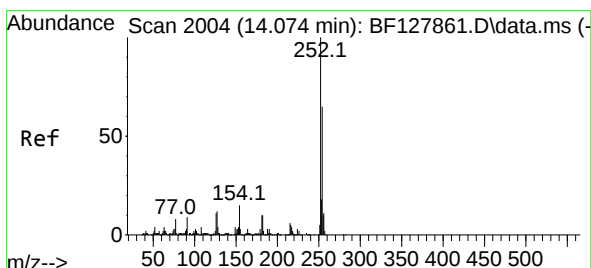
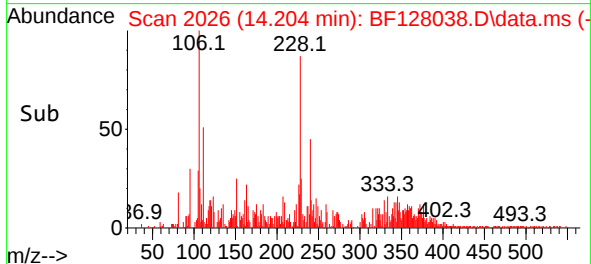
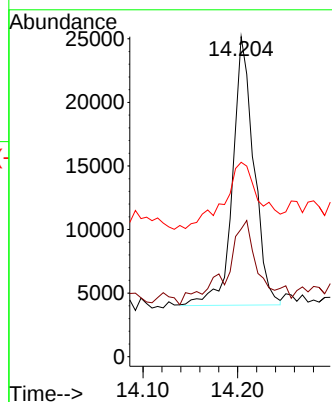
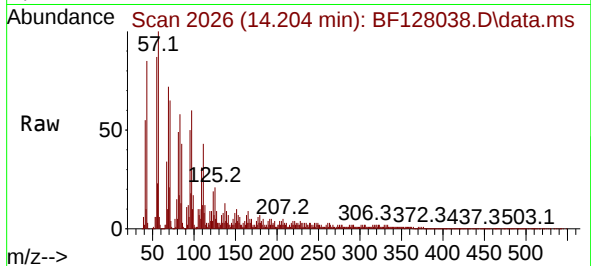




#81
Benzo(a)anthracene
Concen: 8.221 ng
RT: 14.204 min Scan# 2015
Delta R.T. 0.100 min
Lab File: BF128038.D
Acq: 02 May 2022 21:03

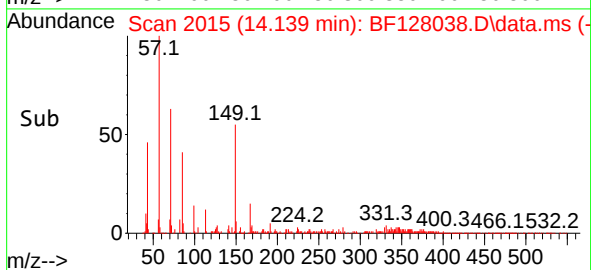
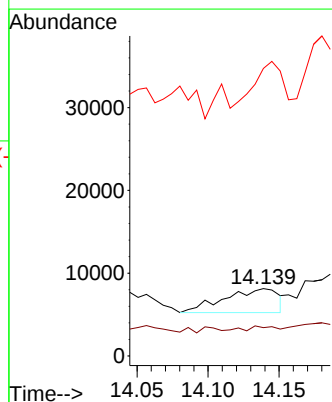
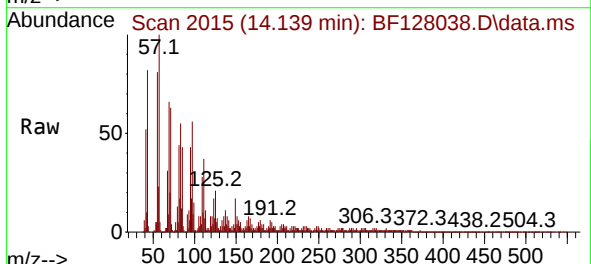
Instrument :
BNA_F
ClientSampleId :
DS-10

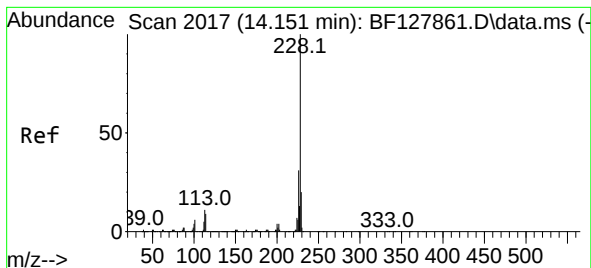
Tgt Ion:228 Resp: 32999
Ion Ratio Lower Upper
228 100
226 39.9 21.7 32.5#
229 60.7 15.4 23.2#



#82
3,3'-Dichlorobenzidine
Concen: 5.999 ng
RT: 14.139 min Scan# 2015
Delta R.T. 0.076 min
Lab File: BF128038.D
Acq: 02 May 2022 21:03

Tgt Ion:252 Resp: 7646
Ion Ratio Lower Upper
252 100
254 42.0 51.6 77.4#
126 427.1 8.8 13.2#





#83

Chrysene

Concen: 8.632 ng

RT: 14.204 min Scan# 2016

Delta R.T. 0.065 min

Lab File: BF128038.D

Acq: 02 May 2022 21:03

Instrument :

BNA_F

ClientSampleId :

DS-10

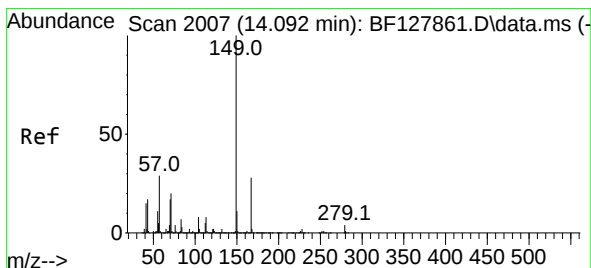
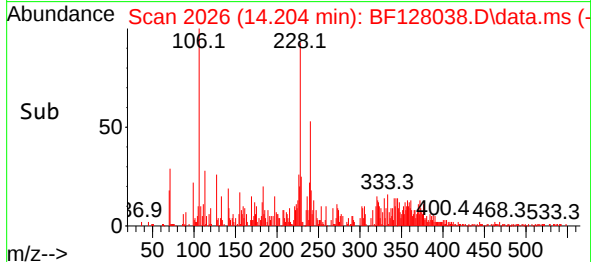
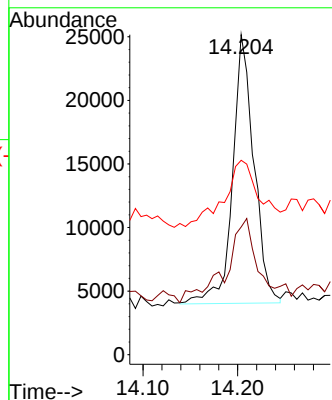
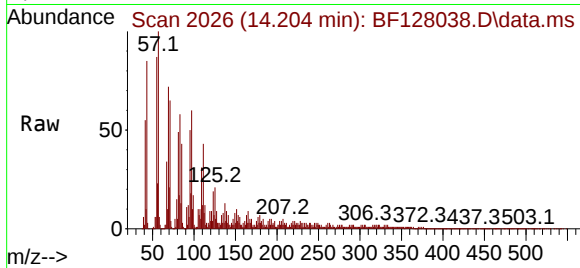
Tgt Ion:228 Resp: 33091

Ion Ratio Lower Upper

228 100

226 39.9 24.4 36.6#

229 60.7 15.8 23.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.986 ng

RT: 14.145 min Scan# 2016

Delta R.T. 0.065 min

Lab File: BF128038.D

Acq: 02 May 2022 21:03

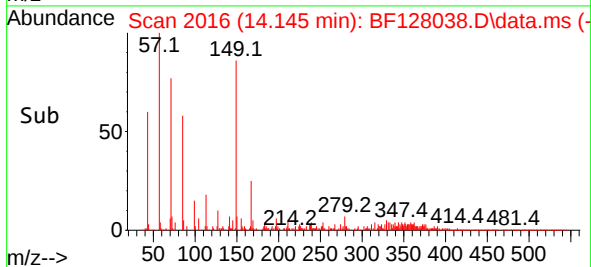
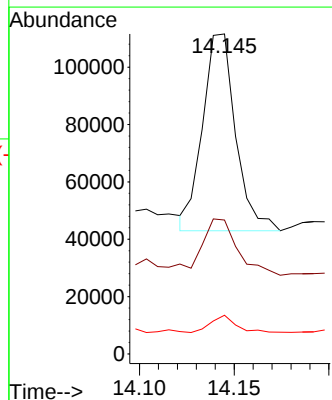
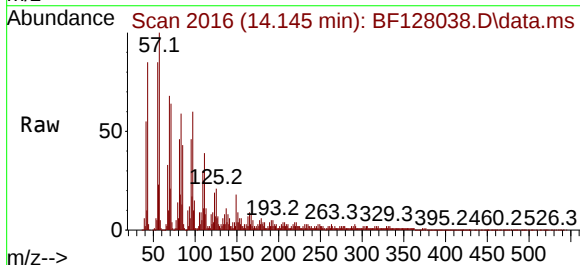
Tgt Ion:149 Resp: 83350

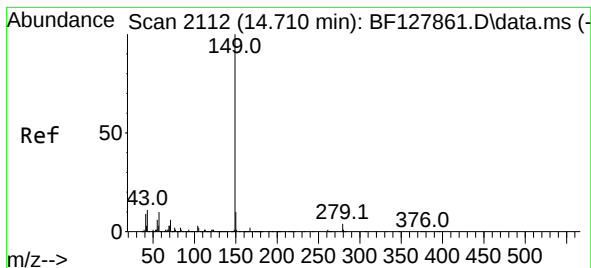
Ion Ratio Lower Upper

149 100

167 41.9 22.0 33.0#

279 12.1 3.4 5.0#





#85

Di-n-octyl phthalate

Concen: 5.625 ng

RT: 14.780 min Scan# 2112

Delta R.T. 0.082 min

Lab File: BF128038.D

Acq: 02 May 2022 21:03

Instrument :

BNA_F

ClientSampleId :

DS-10

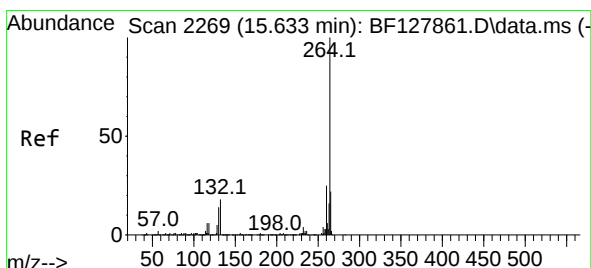
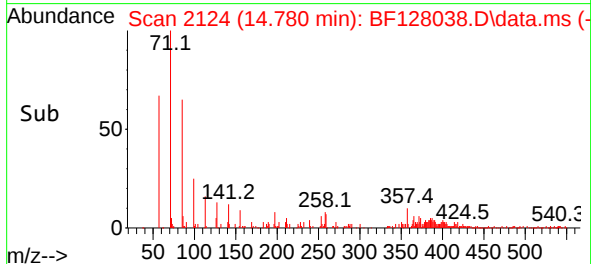
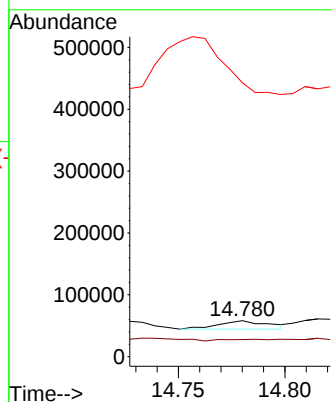
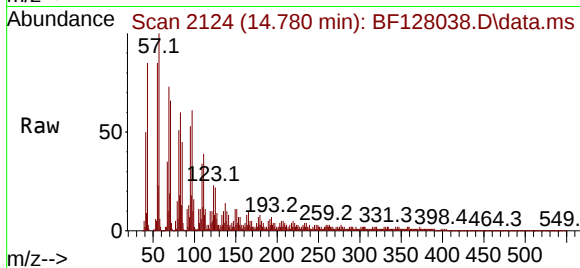
Tgt Ion:149 Resp: 22028

Ion Ratio Lower Upper

149 100

167 19.0 1.3 1.9#

43 0.0 8.9 13.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.780 min Scan# 2294

Delta R.T. 0.159 min

Lab File: BF128038.D

Acq: 02 May 2022 21:03

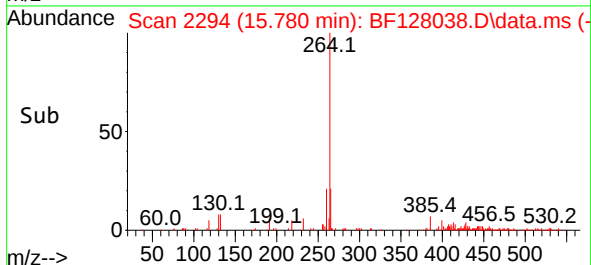
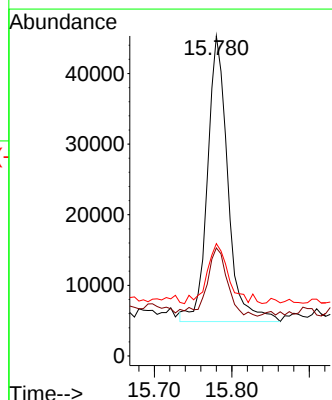
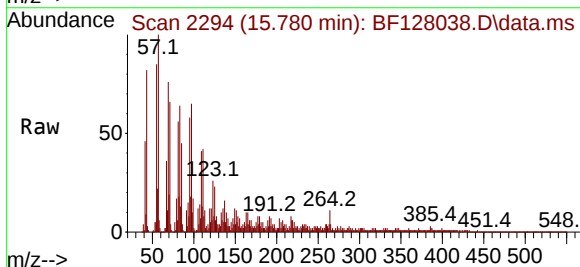
Tgt Ion:264 Resp: 73744

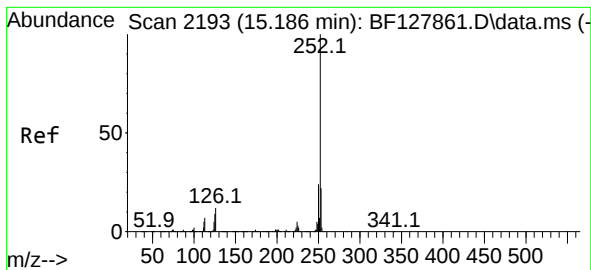
Ion Ratio Lower Upper

264 100

260 33.8 20.1 30.1#

265 35.1 17.5 26.3#





#88

Benzo(b)fluoranthene

Concen: 2.655 ng

RT: 15.304 min Scan# 21

Delta R.T. 0.129 min

Lab File: BF128038.D

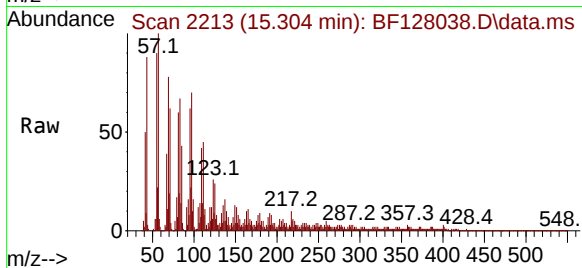
Acq: 02 May 2022 21:03

Instrument :

BNA_F

ClientSampleId :

DS-10



Tgt Ion:252 Resp: 12299

Ion Ratio Lower Upper

252 100

253 111.7 17.4 26.2#

125 950.8 7.4 11.2#

