

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128022.D
 Acq On : 02 May 2022 13:22
 Operator : CG\JU
 Sample : N2637-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-6

Quant Time: May 02 14:38:46 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)

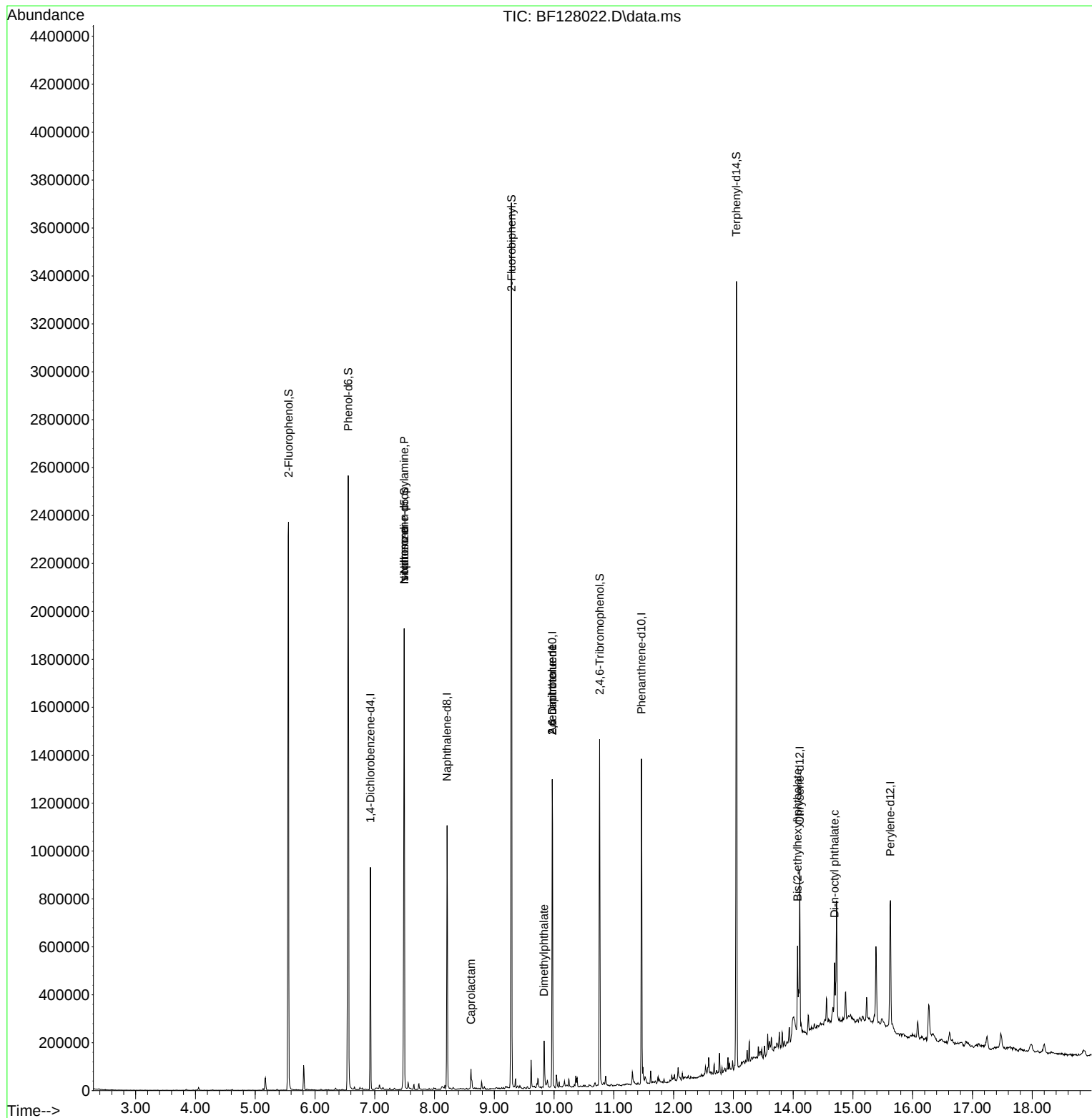
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	112836	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	441659	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	264390	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	478018	20.000	ng	0.00
76) Chrysene-d12	14.110	240	225230	20.000	ng	0.00
86) Perylene-d12	15.627	264	224409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	647251	91.365	ng	0.00
7) Phenol-d6	6.557	99	886479	96.438	ng	0.00
23) Nitrobenzene-d5	7.492	82	641668	68.319	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	155448	58.405	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1117111	71.480	ng	0.00
79) Terphenyl-d14	13.051	244	1177148	95.568	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	87756	15.596	ng	# 79
25) Isophorone	7.492	82	639736	40.470	ng	# 68
35) Caprolactam	8.610	113	6461	2.983	ng	97
50) Dimethylphthalate	9.833	163	47621	2.686	ng	# 94
51) 2,6-Dinitrotoluene	9.969	165	34887	9.087	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	34887	6.860	ng	# 26
84) Bis(2-ethylhexyl)phtha...	14.074	149	162557	17.201	ng	97
85) Di-n-octyl phthalate	14.692	149	230295	15.725	ng	# 85

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

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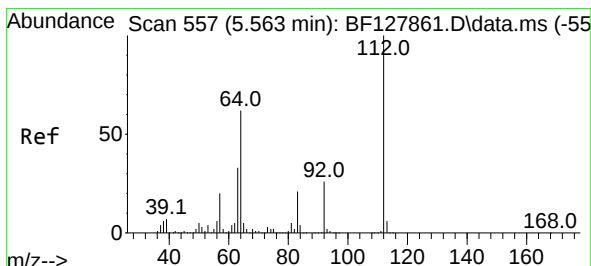
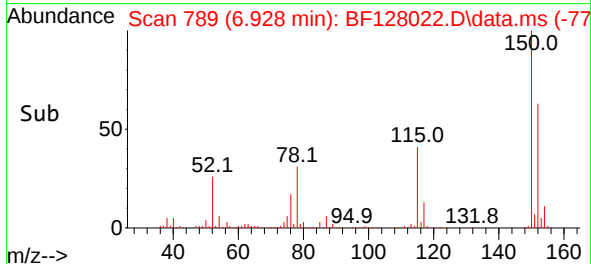
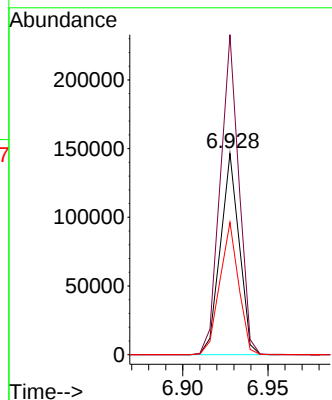
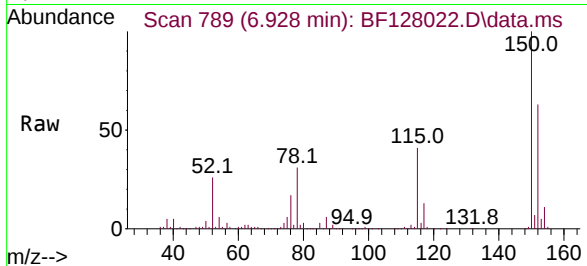




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

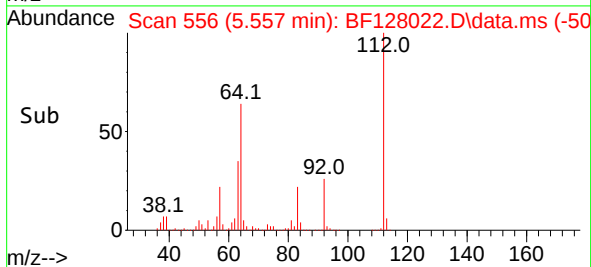
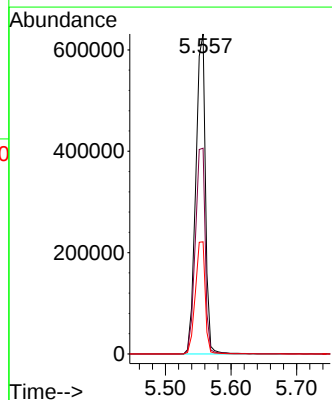
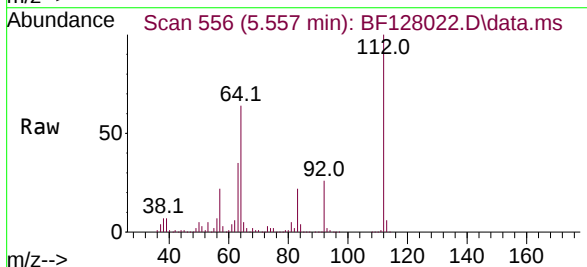
Instrument :
BNA_F
ClientSampleId :
DS-6

Tgt Ion:152 Resp: 112836
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 65.7 48.8 73.2



#5
2-Fluorophenol
Concen: 91.365 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

Tgt Ion:112 Resp: 647251
Ion Ratio Lower Upper
112 100
64 64.3 49.5 74.3
63 35.0 26.3 39.5

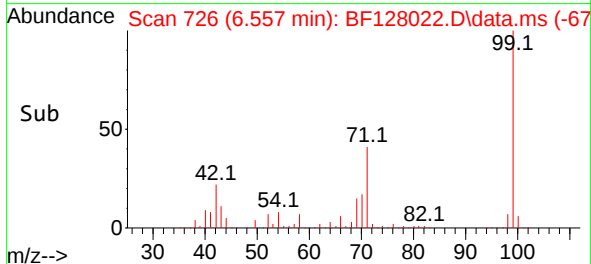
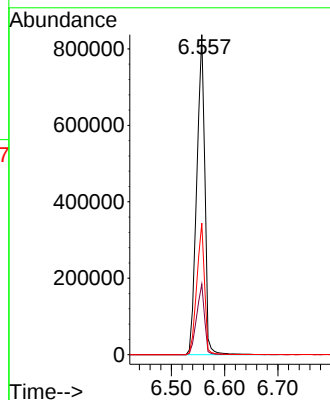
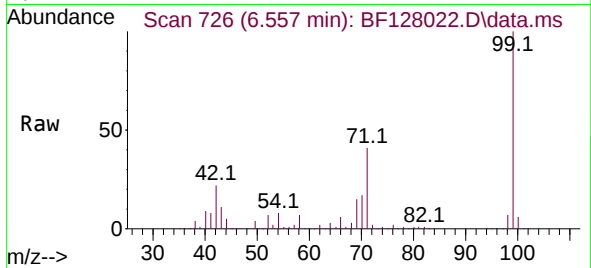




#7
Phenol-d6
Concen: 96.438 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

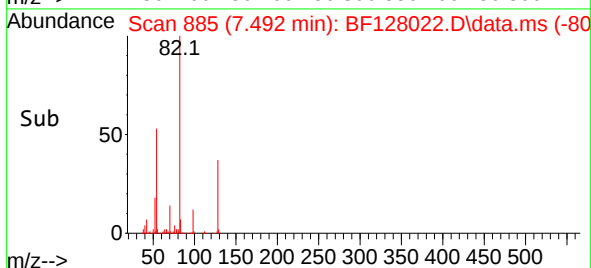
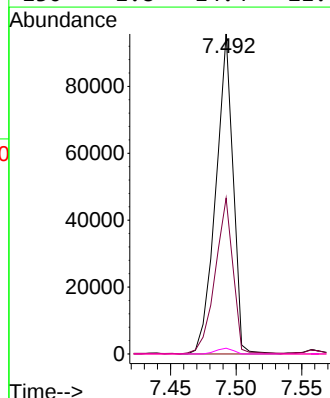
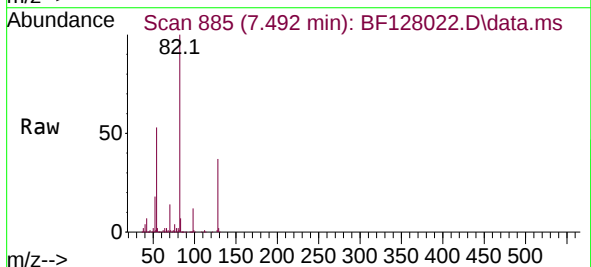
Instrument :
BNA_F
ClientSampleId :
DS-6

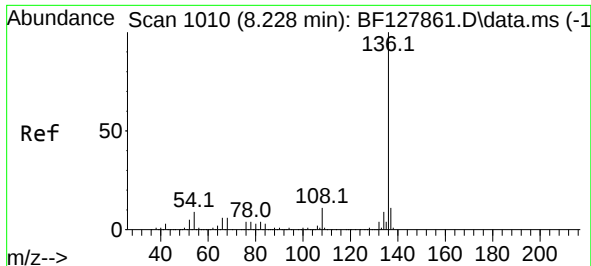
Tgt Ion: 99 Resp: 886479
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 41.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.596 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

Tgt Ion: 70 Resp: 87756
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

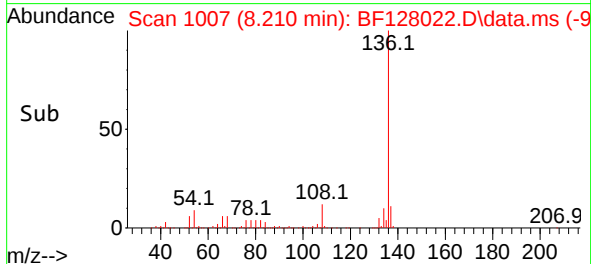
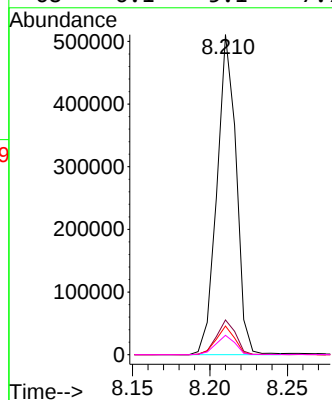
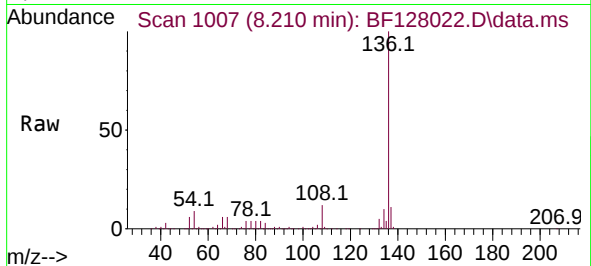




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

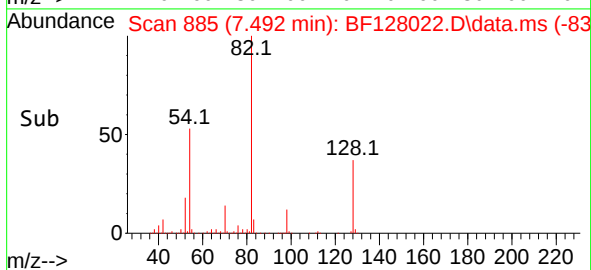
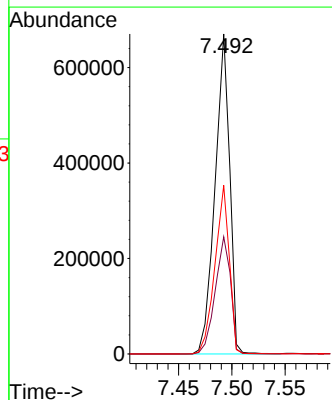
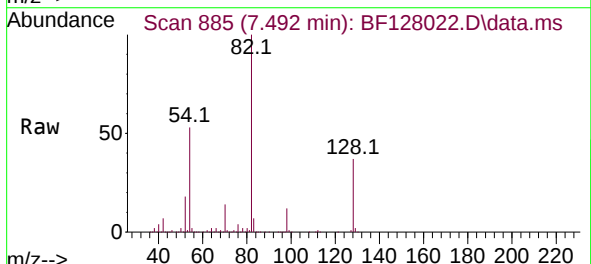
Instrument :
BNA_F
ClientSampleId :
DS-6

Tgt Ion:136	Resp:	441659	
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.9	6.8	10.2
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 68.319 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

Tgt Ion: 82	Resp: 641668
Ion Ratio	Lower Upper
82 100	
128 36.6	30.0 45.0
54 52.7	41.3 61.9

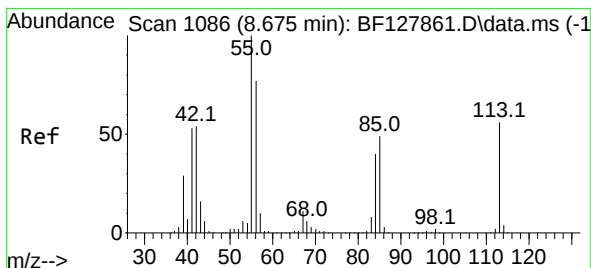
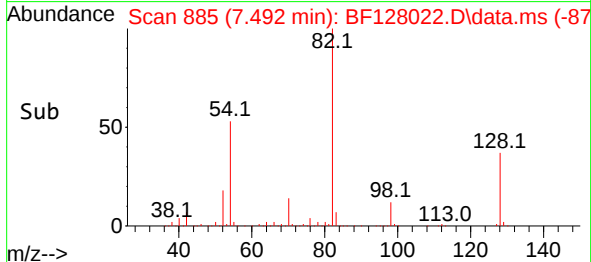
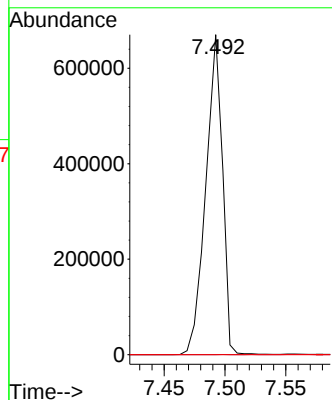
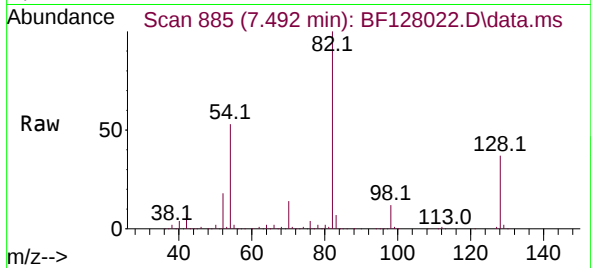




#25
Isophorone
Concen: 40.470 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

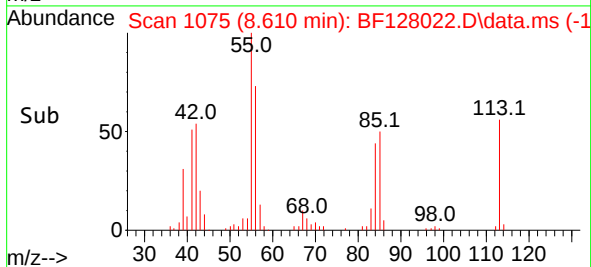
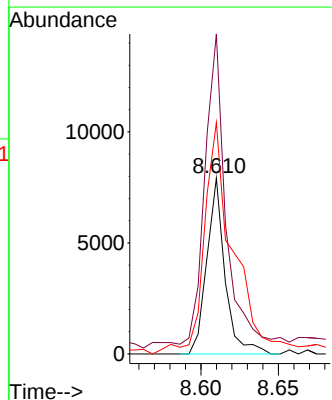
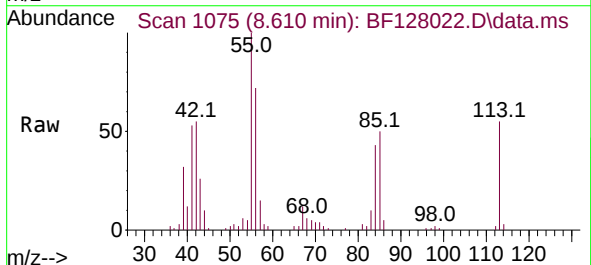
Instrument :
BNA_F
ClientSampleId :
DS-6

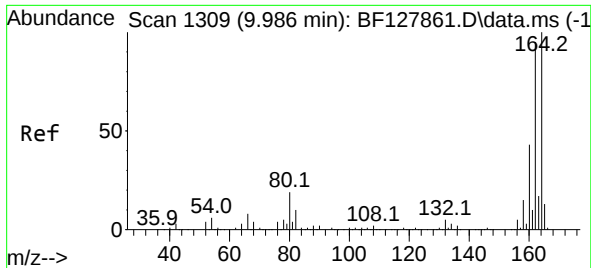
Tgt Ion: 82 Resp: 639736
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#35
Caprolactam
Concen: 2.983 ng
RT: 8.610 min Scan# 1075
Delta R.T. -0.059 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

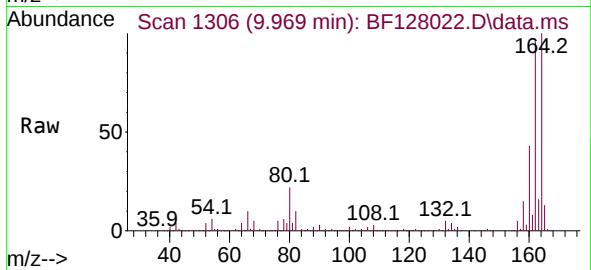
Tgt Ion: 113 Resp: 6461
Ion Ratio Lower Upper
113 100
55 181.9 157.4 197.4
56 131.5 116.1 156.1



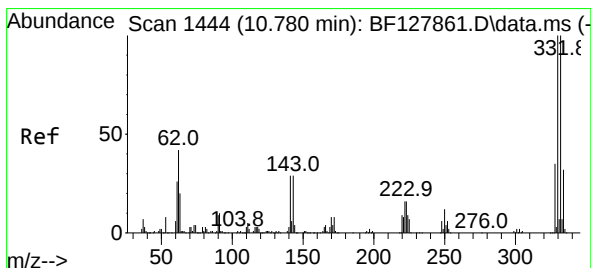
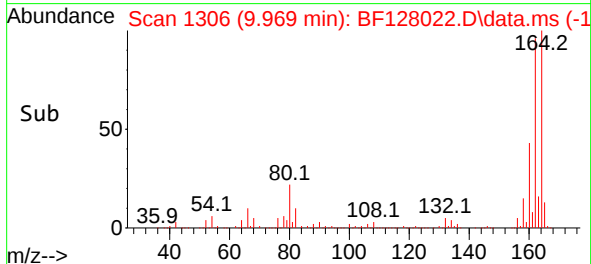
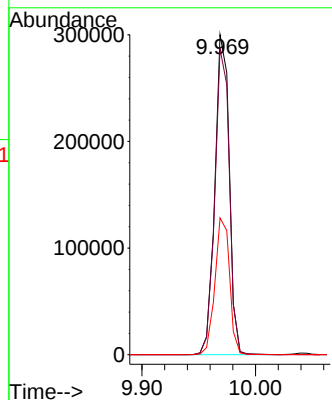


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

Instrument :
BNA_F
ClientSampleId :
DS-6

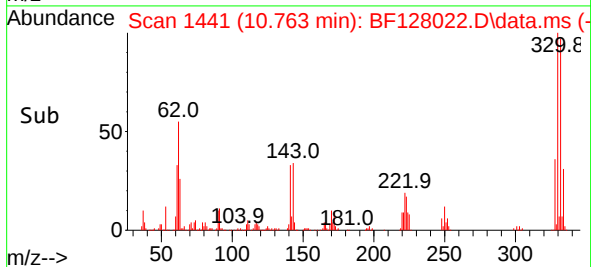
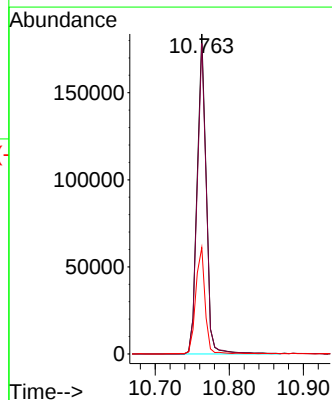
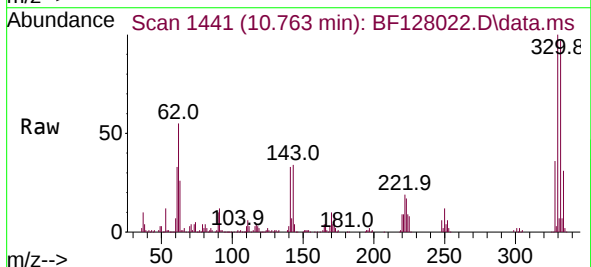


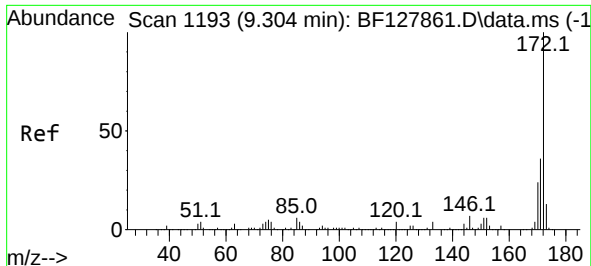
Tgt Ion:164 Resp: 264390
Ion Ratio Lower Upper
164 100
162 95.6 76.0 114.0
160 42.7 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 58.405 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

Tgt Ion:330 Resp: 155448
Ion Ratio Lower Upper
330 100
332 97.3 79.0 118.4
141 34.9 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 71.480 ng

RT: 9.286 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF128022.D

Acq: 02 May 2022 13:22

Instrument :

BNA_F

ClientSampleId :

DS-6

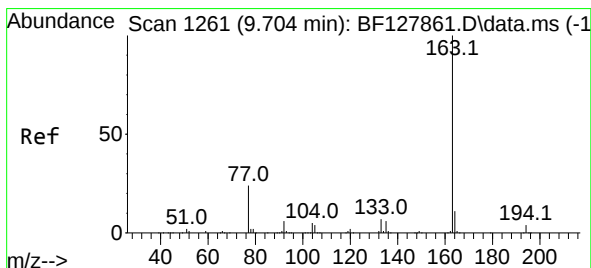
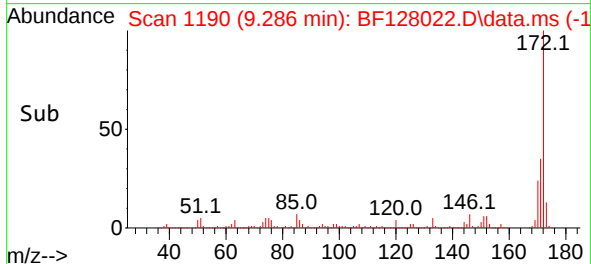
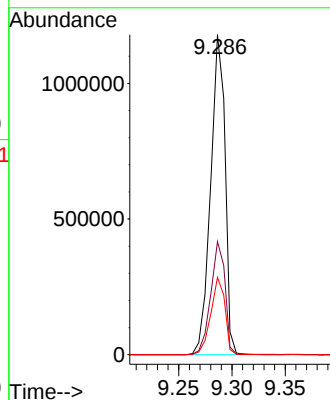
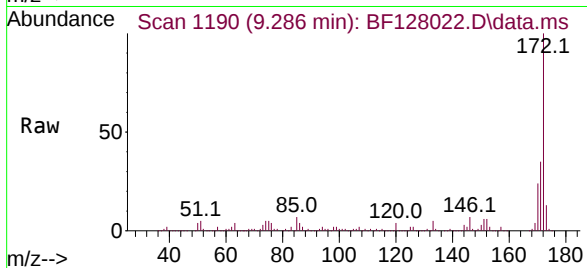
Tgt Ion:172 Resp: 1117111

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 24.1 19.1 28.7



#50

Dimethylphthalate

Concen: 2.686 ng

RT: 9.833 min Scan# 1283

Delta R.T. 0.135 min

Lab File: BF128022.D

Acq: 02 May 2022 13:22

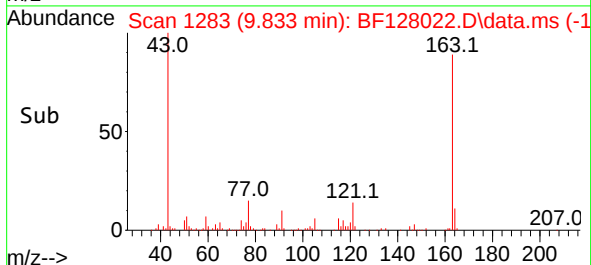
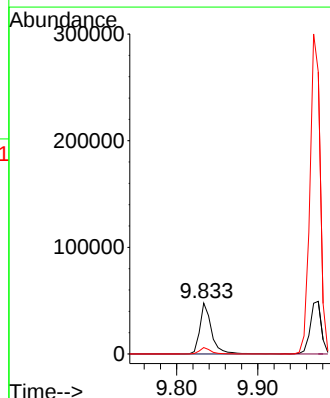
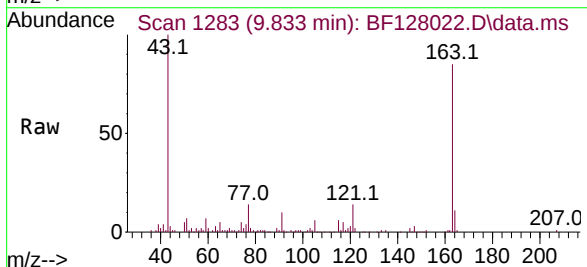
Tgt Ion:163 Resp: 47621

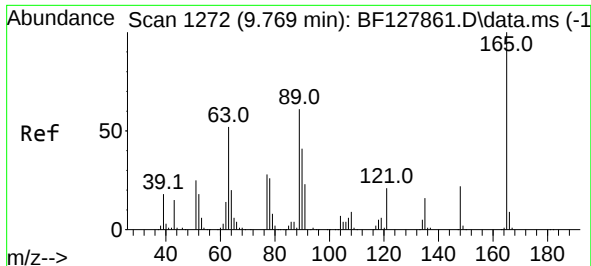
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 12.5 8.6 13.0

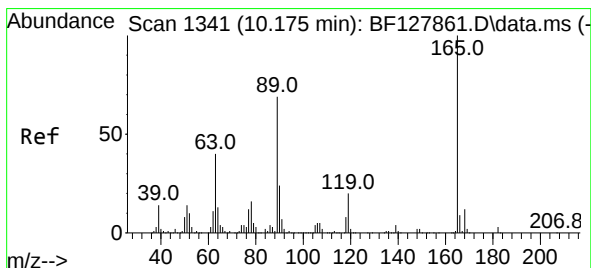
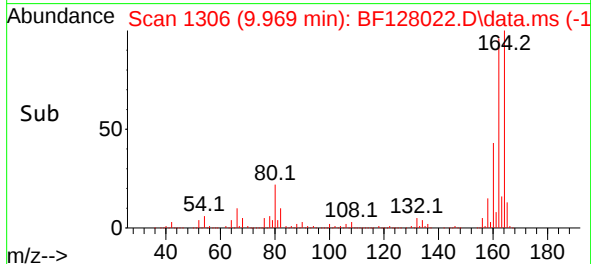
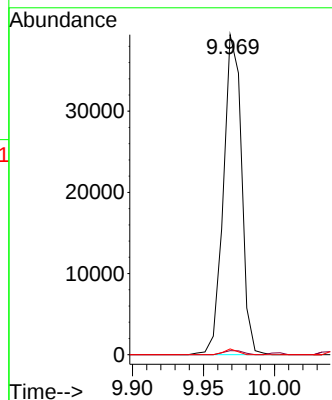
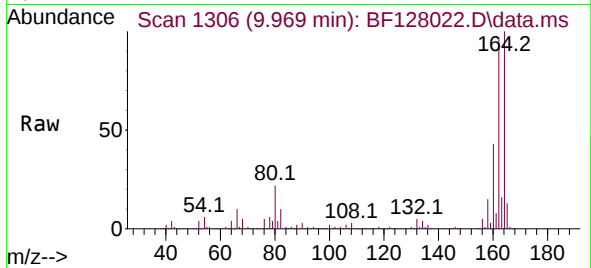




#51
2,6-Dinitrotoluene
Concen: 9.087 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

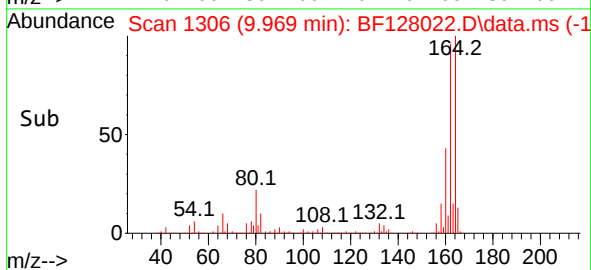
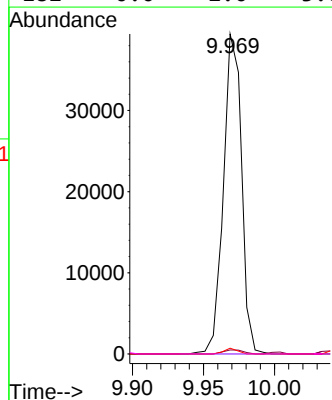
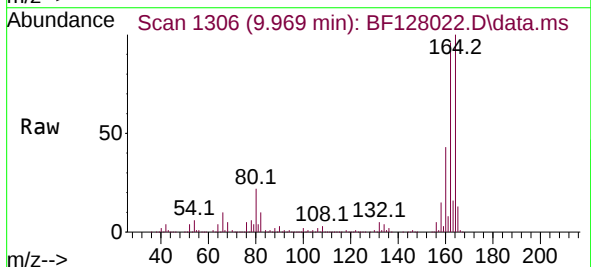
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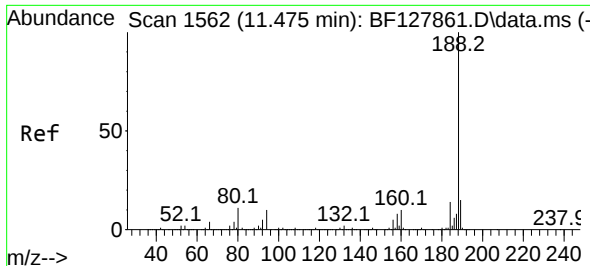
Tgt Ion:165 Resp: 34887
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.8 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.860 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

Tgt Ion:165 Resp: 34887
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.8 55.2 82.8#
182 0.0 2.0 3.0#

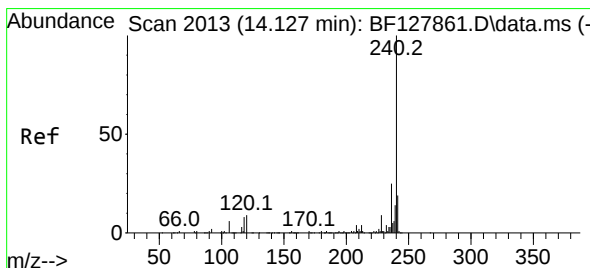
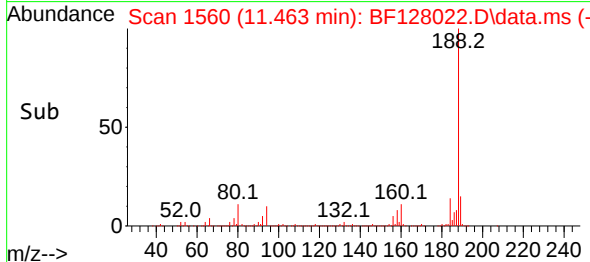
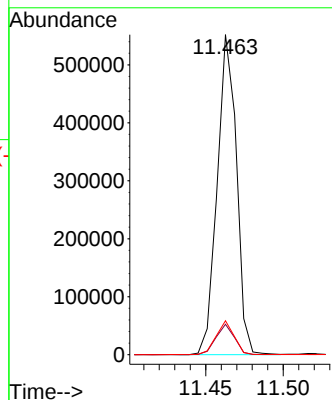
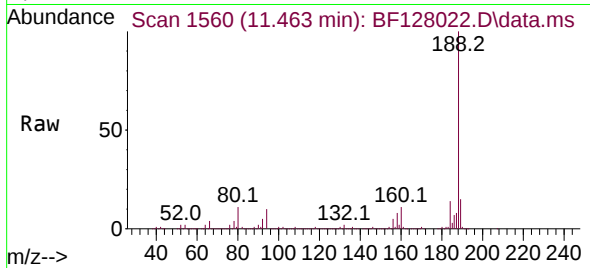




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

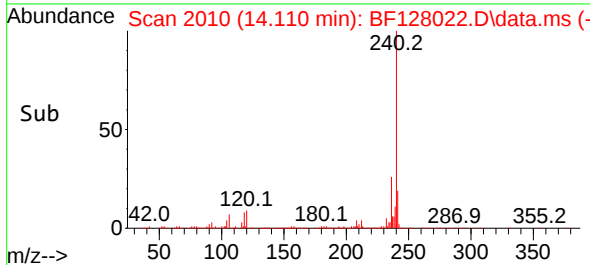
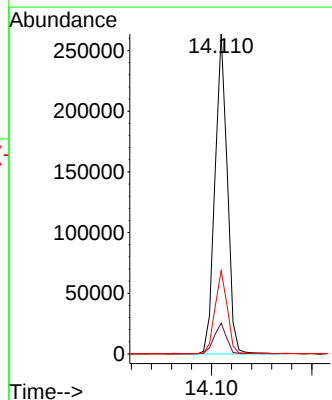
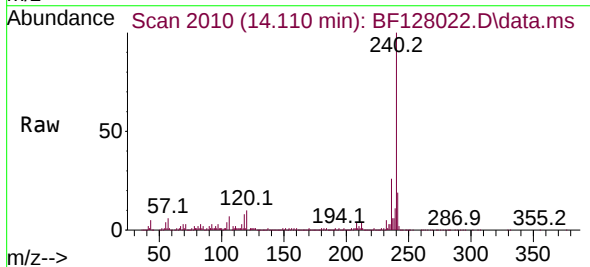
Instrument :
BNA_F
ClientSampleId :
DS-6

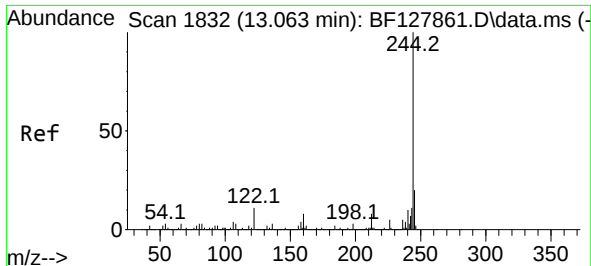
Tgt Ion:188 Resp: 478018
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.6 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF128022.D
Acq: 02 May 2022 13:22

Tgt Ion:240 Resp: 225230
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 26.0 20.3 30.5

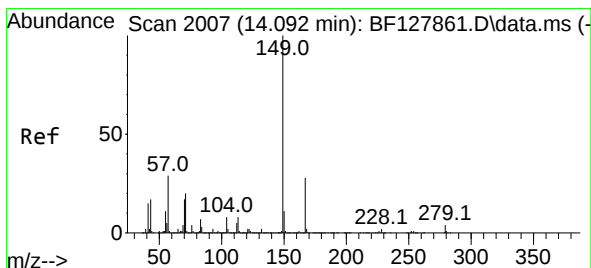
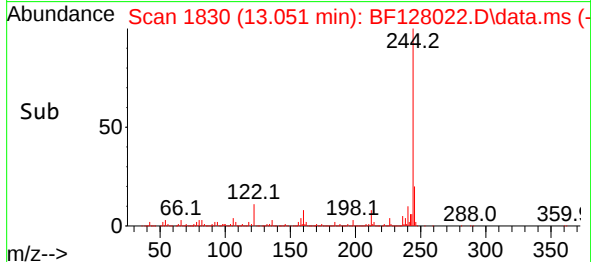
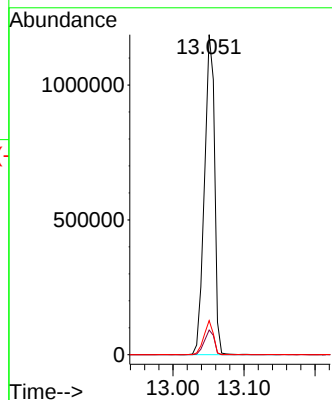
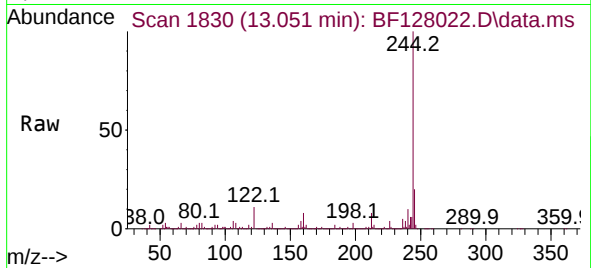




#79
 Terphenyl-d14
 Concen: 95.568 ng
 RT: 13.051 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF128022.D
 Acq: 02 May 2022 13:22

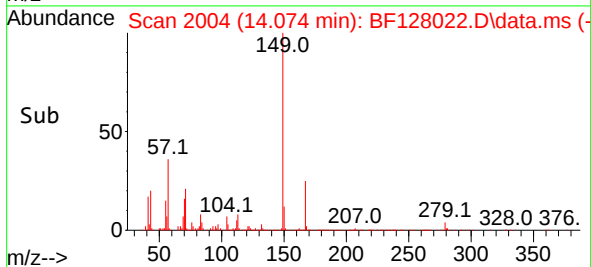
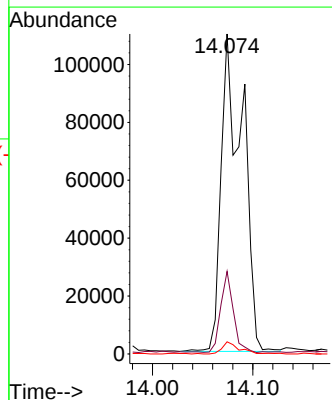
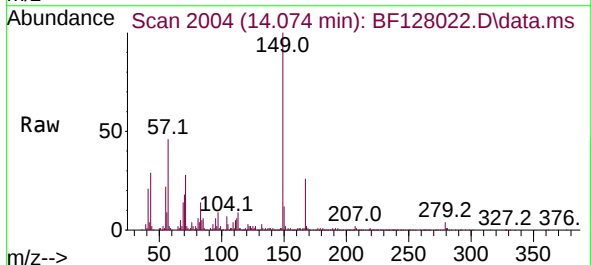
Instrument :
 BNA_F
 ClientSampleId :
 DS-6

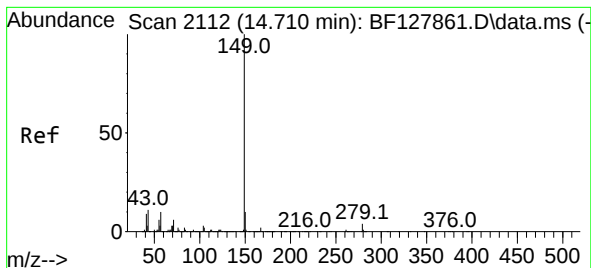
Tgt Ion:244 Resp: 1177148
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.6 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 17.201 ng
 RT: 14.074 min Scan# 2004
 Delta R.T. -0.006 min
 Lab File: BF128022.D
 Acq: 02 May 2022 13:22

Tgt Ion:149 Resp: 162557
 Ion Ratio Lower Upper
 149 100
 167 25.8 22.0 33.0
 279 3.8 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 15.725 ng

RT: 14.692 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BF128022.D

Acq: 02 May 2022 13:22

Instrument :

BNA_F

ClientSampleId :

DS-6

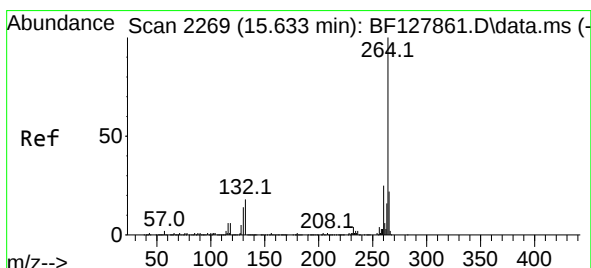
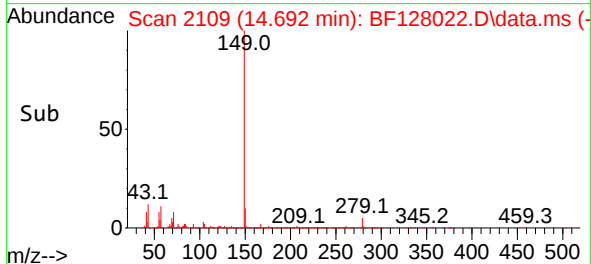
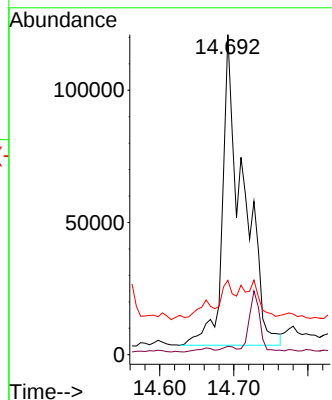
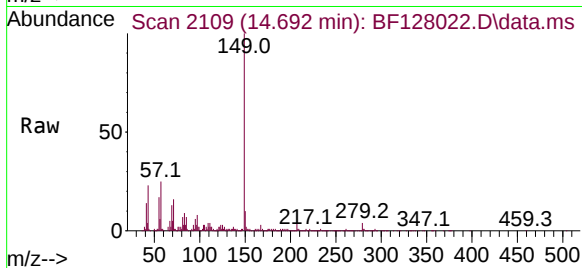
Tgt Ion:149 Resp: 230295

Ion Ratio Lower Upper

149 100

167 1.0 1.3 1.9#

43 4.7 8.9 13.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2268

Delta R.T. 0.006 min

Lab File: BF128022.D

Acq: 02 May 2022 13:22

Tgt Ion:264 Resp: 224409

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 21.8 17.5 26.3

