

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127878.D
 Acq On : 25 Apr 2022 14:04
 Operator : CG\JU
 Sample : N2481-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GES-1R

Quant Time: Apr 25 16:56:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

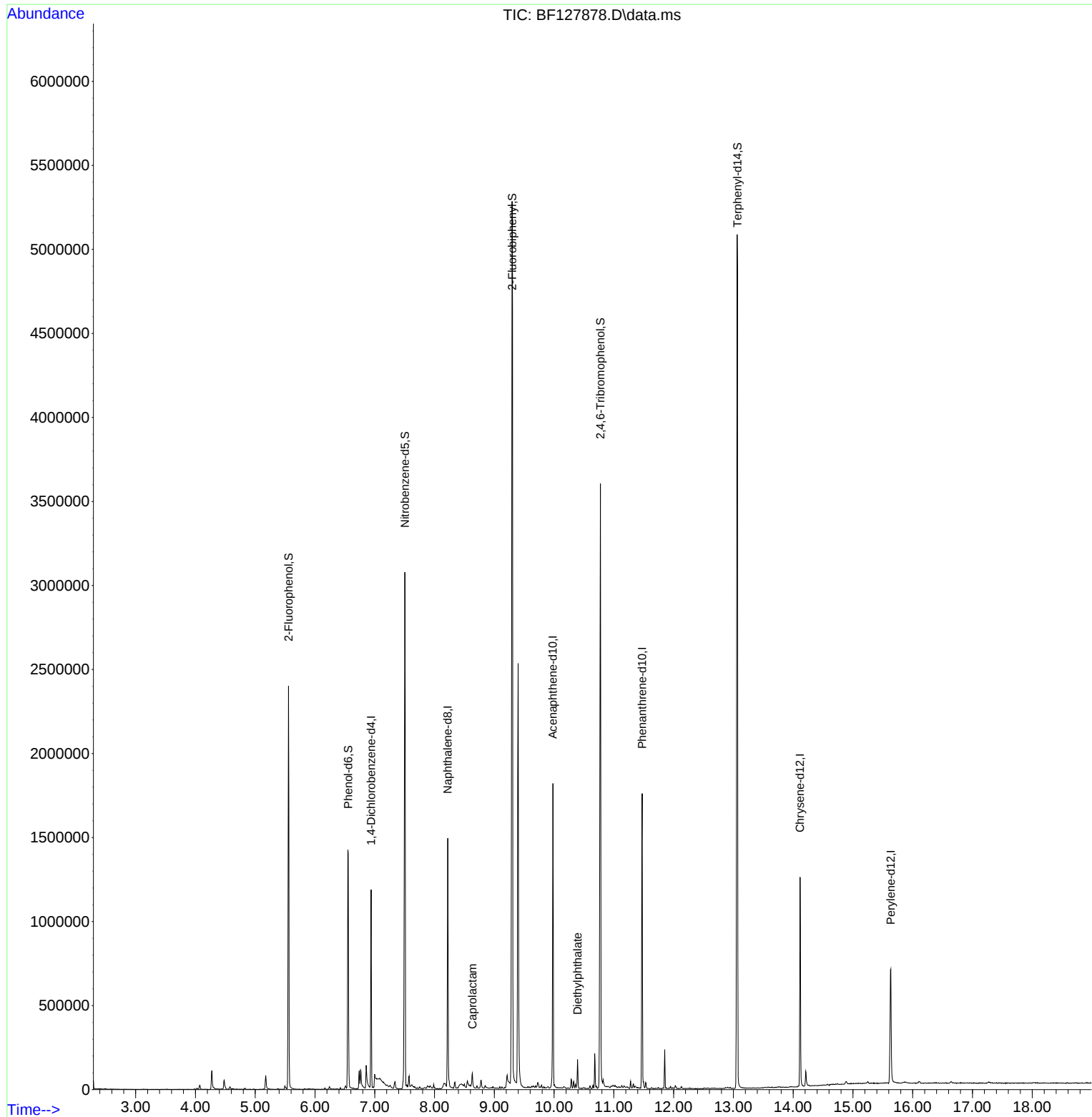
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	154393	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	613360	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	353304	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	642706	20.000	ng	0.00
76) Chrysene-d12	14.115	240	421347	20.000	ng	#-0.01
86) Perylene-d12	15.633	264	341104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	614057	63.349	ng	0.00
7) Phenol-d6	6.557	99	498997	39.673	ng	-0.01
23) Nitrobenzene-d5	7.504	82	1173166	89.942	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	448676	126.153	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1822340	87.260	ng	0.00
79) Terphenyl-d14	13.068	244	2131640	92.509	ng	0.00
Target Compounds						
35) Caprolactam	8.633	113	10533	3.501	ng	98
60) Diethylphthalate	10.392	149	51971	2.237	ng	99

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

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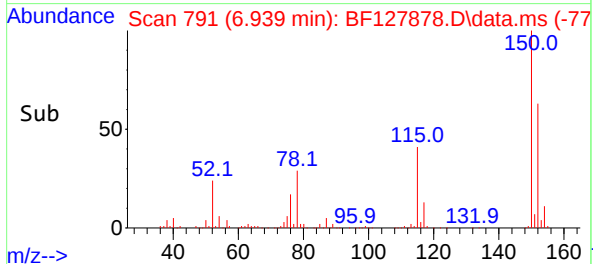
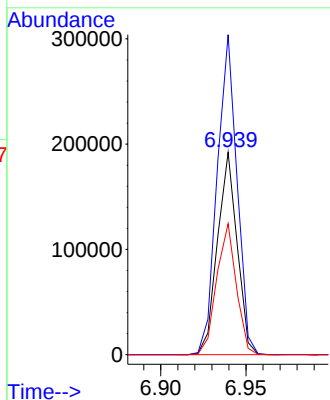
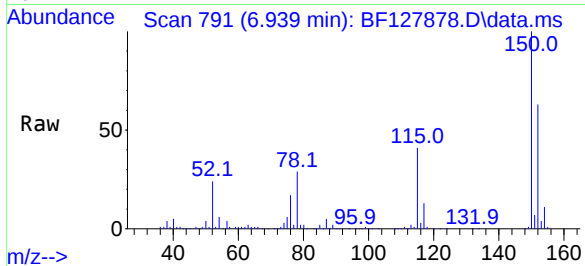




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF127878.D
Acq: 25 Apr 2022 14:04

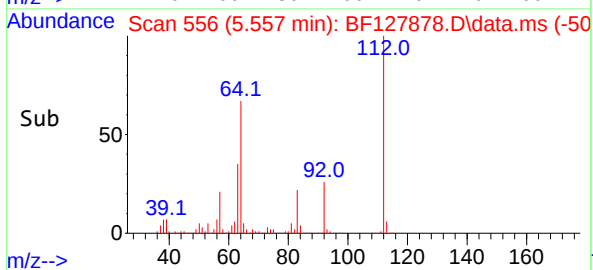
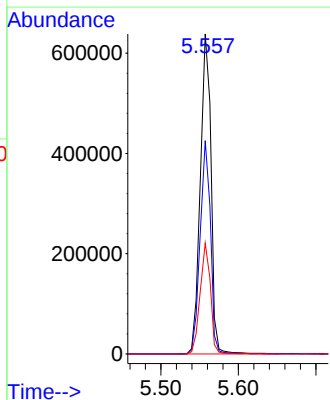
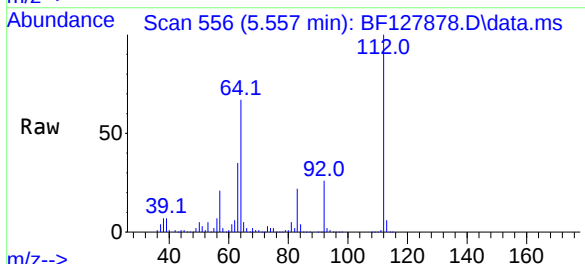
Instrument :
BNA_F
ClientSampleId :
GES-1R

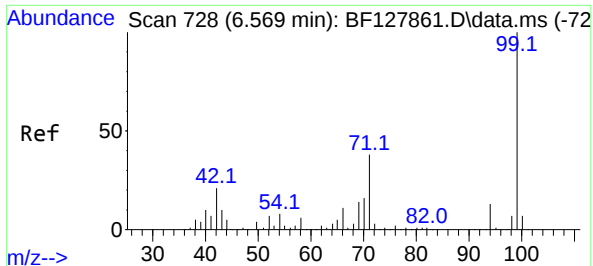
Tgt Ion:152 Resp: 154393
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 64.7 48.8 73.2



#5
2-Fluorophenol
Concen: 63.349 ng
RT: 5.557 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF127878.D
Acq: 25 Apr 2022 14:04

Tgt Ion:112 Resp: 614057
Ion Ratio Lower Upper
112 100
64 66.6 49.5 74.3
63 34.7 26.3 39.5

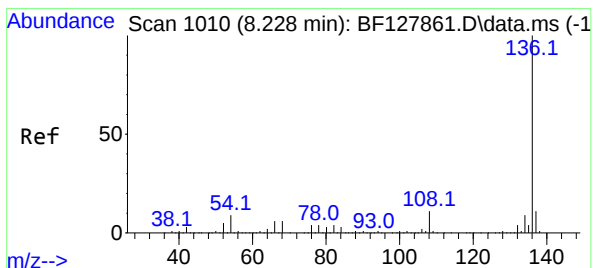
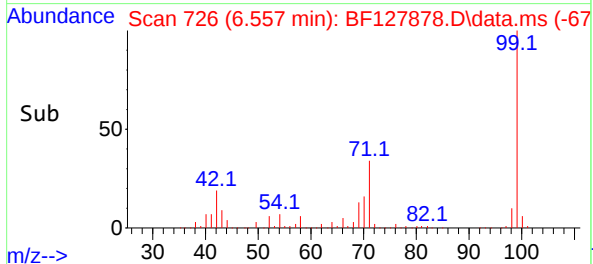
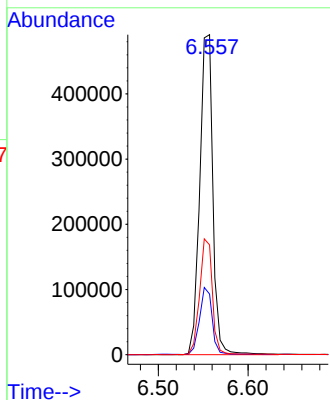
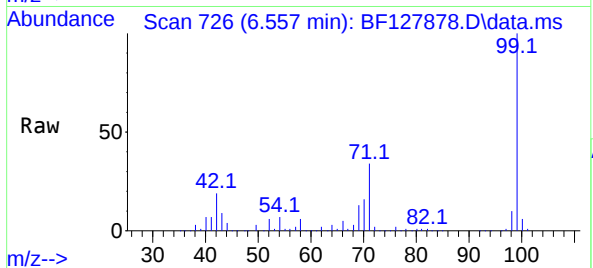




#7
Phenol-d6
Concen: 39.673 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127878.D
Acq: 25 Apr 2022 14:04

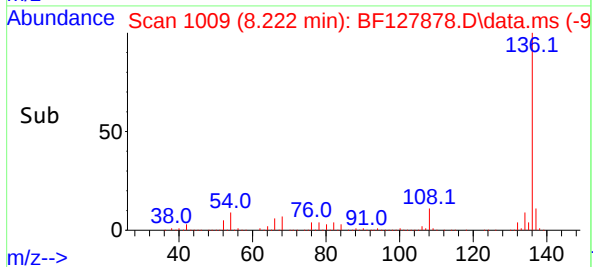
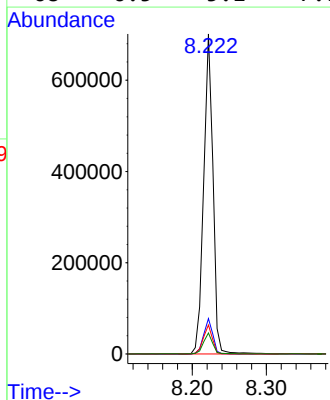
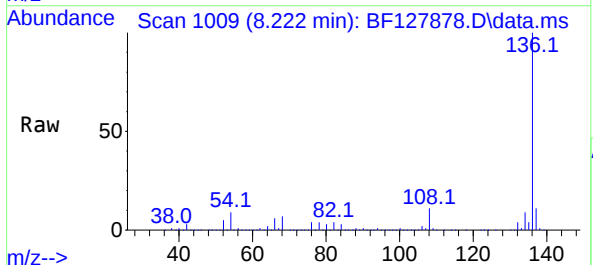
Instrument :
BNA_F
ClientSampleId :
GES-1R

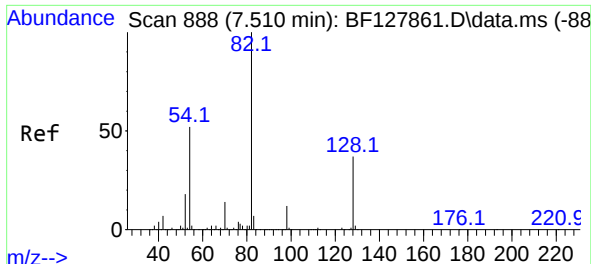
Tgt Ion: 99 Resp: 498997
Ion Ratio Lower Upper
99 100
42 19.0 16.6 24.8
71 34.3 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127878.D
Acq: 25 Apr 2022 14:04

Tgt Ion: 136 Resp: 613360
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.1 6.8 10.2
68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 89.942 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127878.D

Acq: 25 Apr 2022 14:04

Instrument :

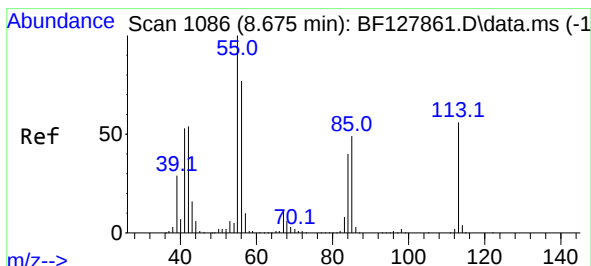
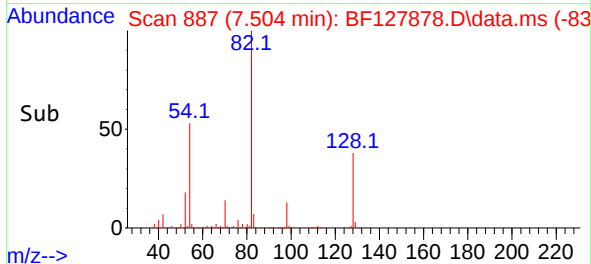
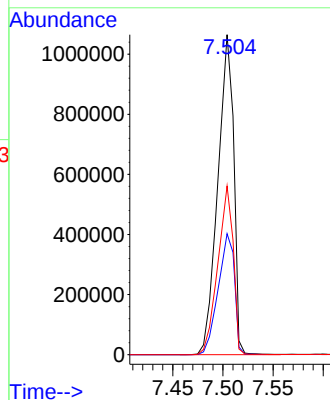
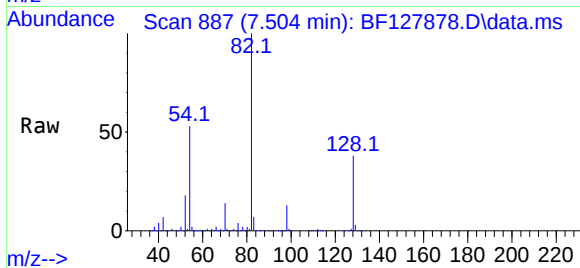
BNA_F

ClientSampleId :

GES-1R

Tgt Ion: 82 Resp: 1173166

Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.0	45.0
54	52.7	41.3	61.9



#35

Caprolactam

Concen: 3.501 ng

RT: 8.633 min Scan# 1079

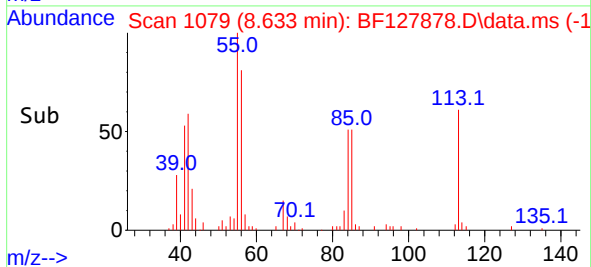
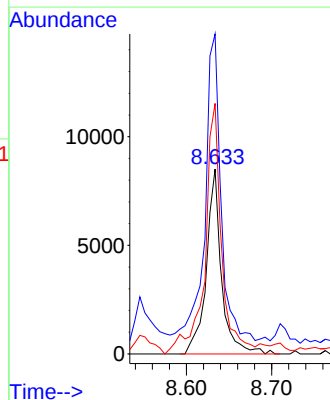
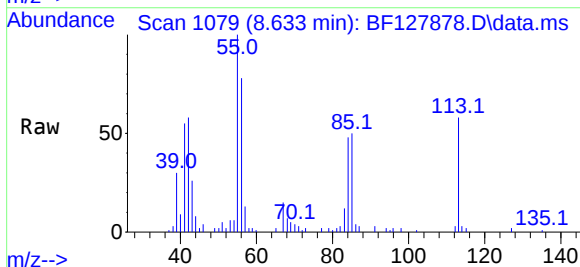
Delta R.T. -0.041 min

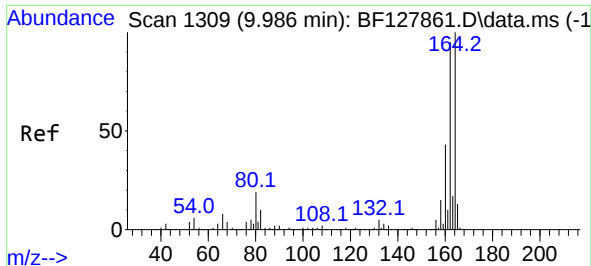
Lab File: BF127878.D

Acq: 25 Apr 2022 14:04

Tgt Ion: 113 Resp: 10533

Ion	Ratio	Lower	Upper
113	100		
55	173.0	157.4	197.4
56	135.4	116.1	156.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127878.D

Acq: 25 Apr 2022 14:04

Instrument :

BNA_F

ClientSampleId :

GES-1R

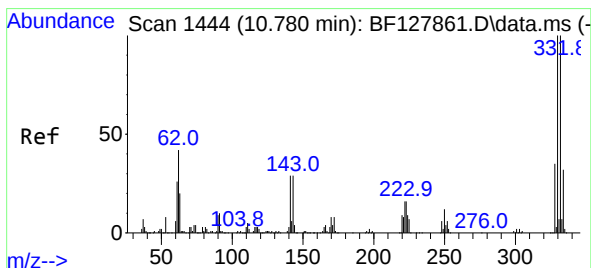
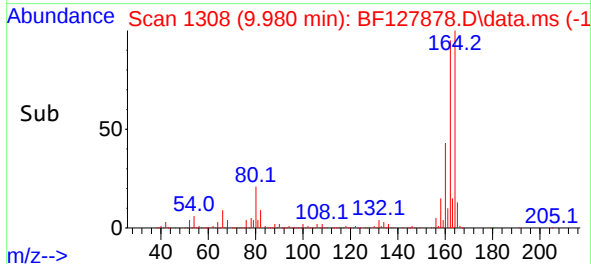
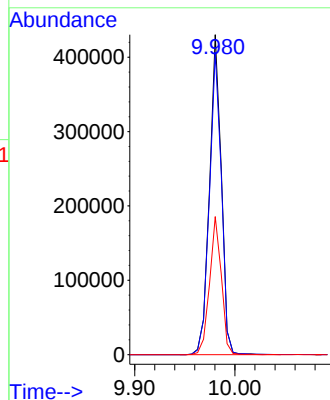
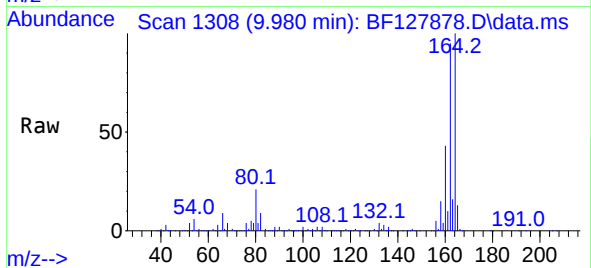
Tgt Ion:164 Resp: 353304

Ion Ratio Lower Upper

164 100

162 94.6 76.0 114.0

160 43.1 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 126.153 ng

RT: 10.774 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF127878.D

Acq: 25 Apr 2022 14:04

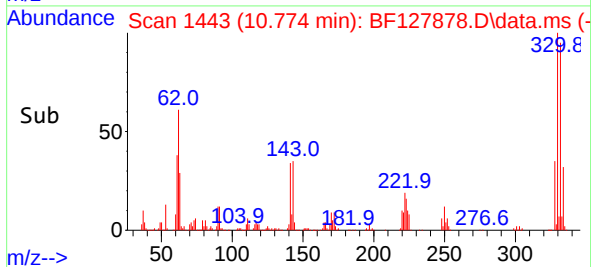
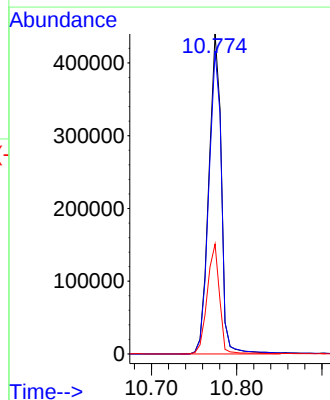
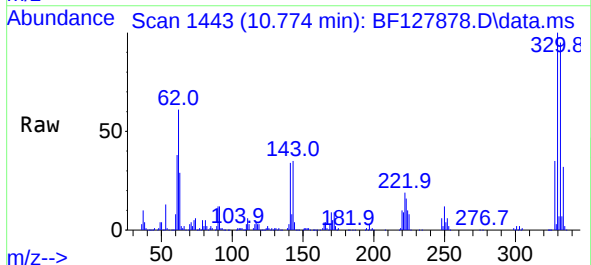
Tgt Ion:330 Resp: 448676

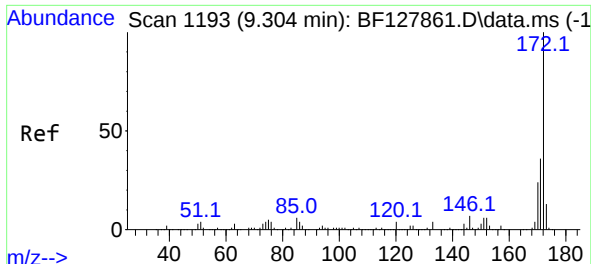
Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.4

141 33.9 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 87.260 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127878.D

Acq: 25 Apr 2022 14:04

Instrument :

BNA_F

ClientSampleId :

GES-1R

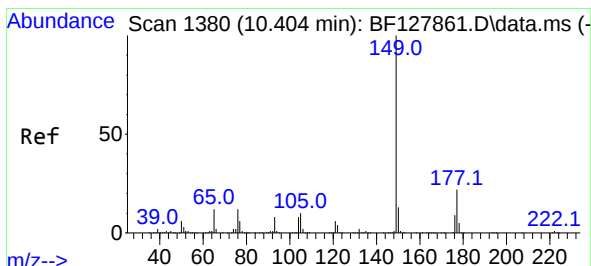
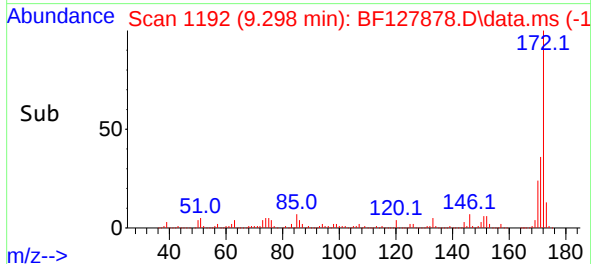
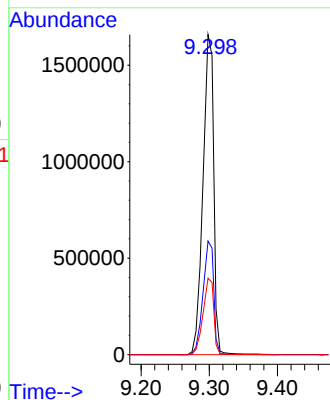
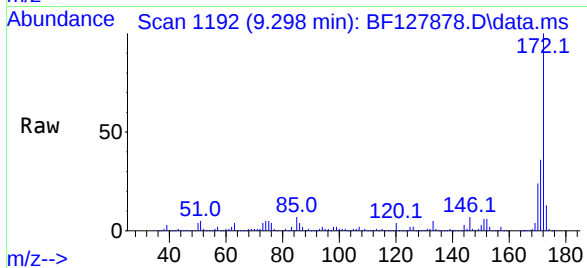
Tgt Ion:172 Resp: 1822340

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.9 19.1 28.7



#60

Diethylphthalate

Concen: 2.237 ng

RT: 10.392 min Scan# 1378

Delta R.T. -0.012 min

Lab File: BF127878.D

Acq: 25 Apr 2022 14:04

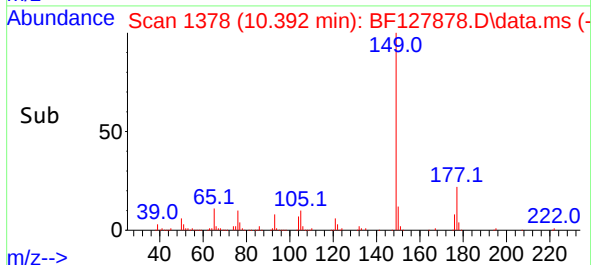
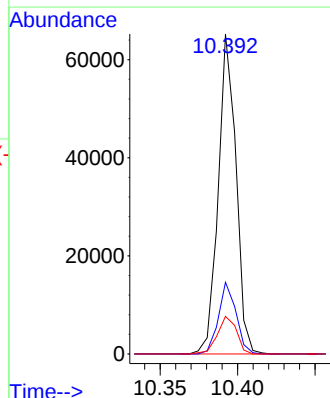
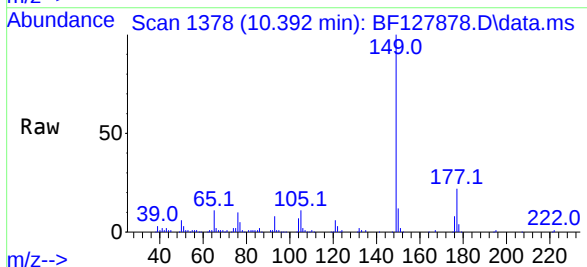
Tgt Ion:149 Resp: 51971

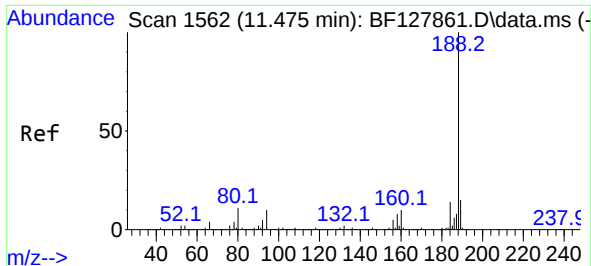
Ion Ratio Lower Upper

149 100

177 22.4 17.8 26.8

150 11.8 10.2 15.2

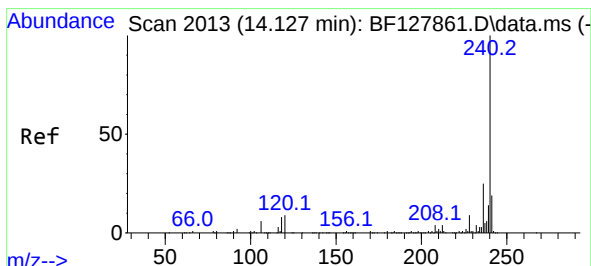
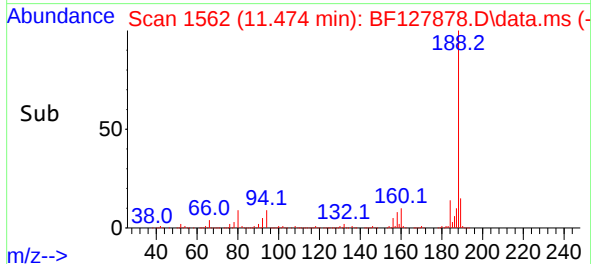
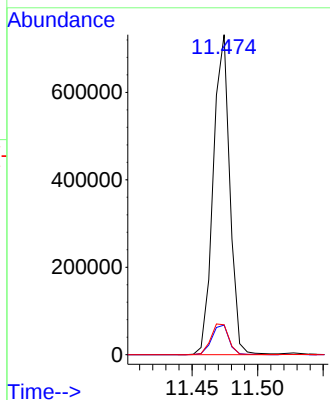
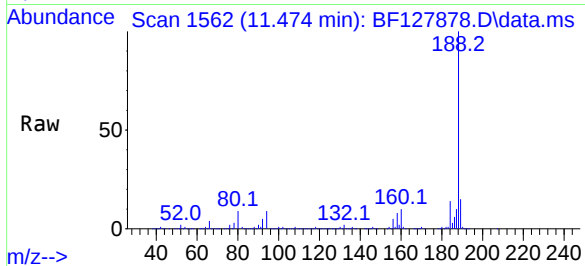




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127878.D
Acq: 25 Apr 2022 14:04

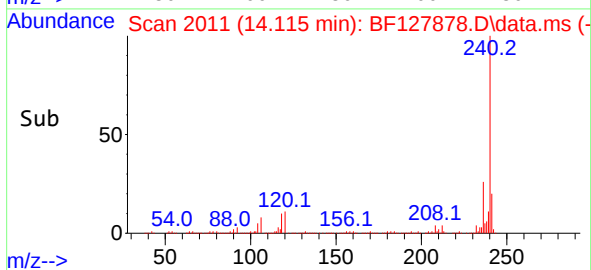
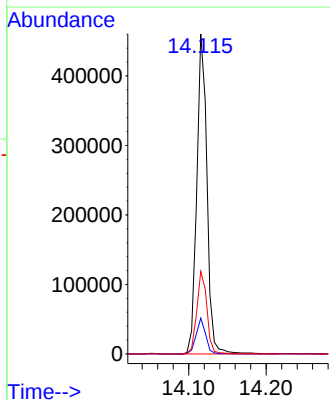
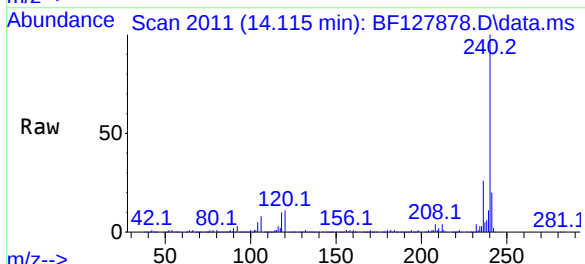
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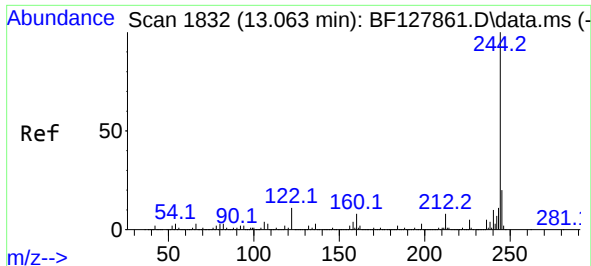
Tgt Ion:188 Resp: 642706
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF127878.D
Acq: 25 Apr 2022 14:04

Tgt Ion:240 Resp: 421347
Ion Ratio Lower Upper
240 100
120 11.2 7.0 10.6#
236 25.8 20.3 30.5

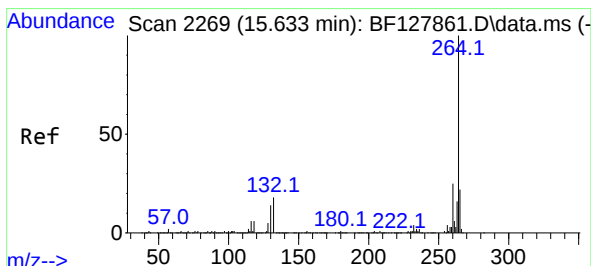
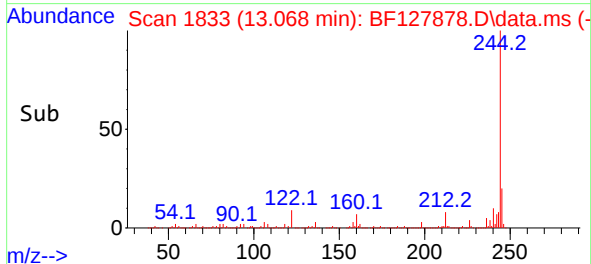
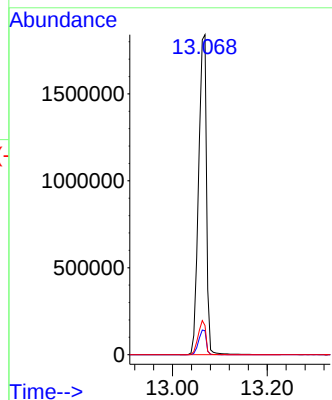
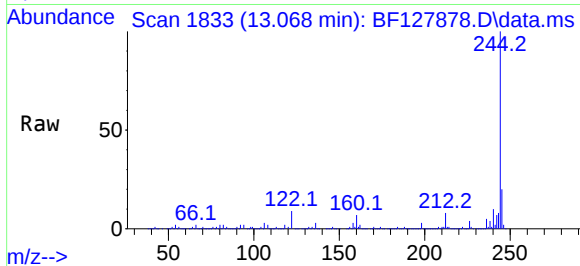




#79
 Terphenyl-d14
 Concen: 92.509 ng
 RT: 13.068 min Scan# 1832
 Delta R.T. 0.006 min
 Lab File: BF127878.D
 Acq: 25 Apr 2022 14:04

Instrument :
 BNA_F
 ClientSampleId :
 GES-1R

Tgt Ion:244 Resp: 2131640
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BF127878.D
 Acq: 25 Apr 2022 14:04

Tgt Ion:264 Resp: 341104
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.6 17.5 26.3

