

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124080.D
 Acq On : 26 May 2021 23:57
 Operator : JU/CG
 Sample : M2535-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-2D

Quant Time: May 27 04:54:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

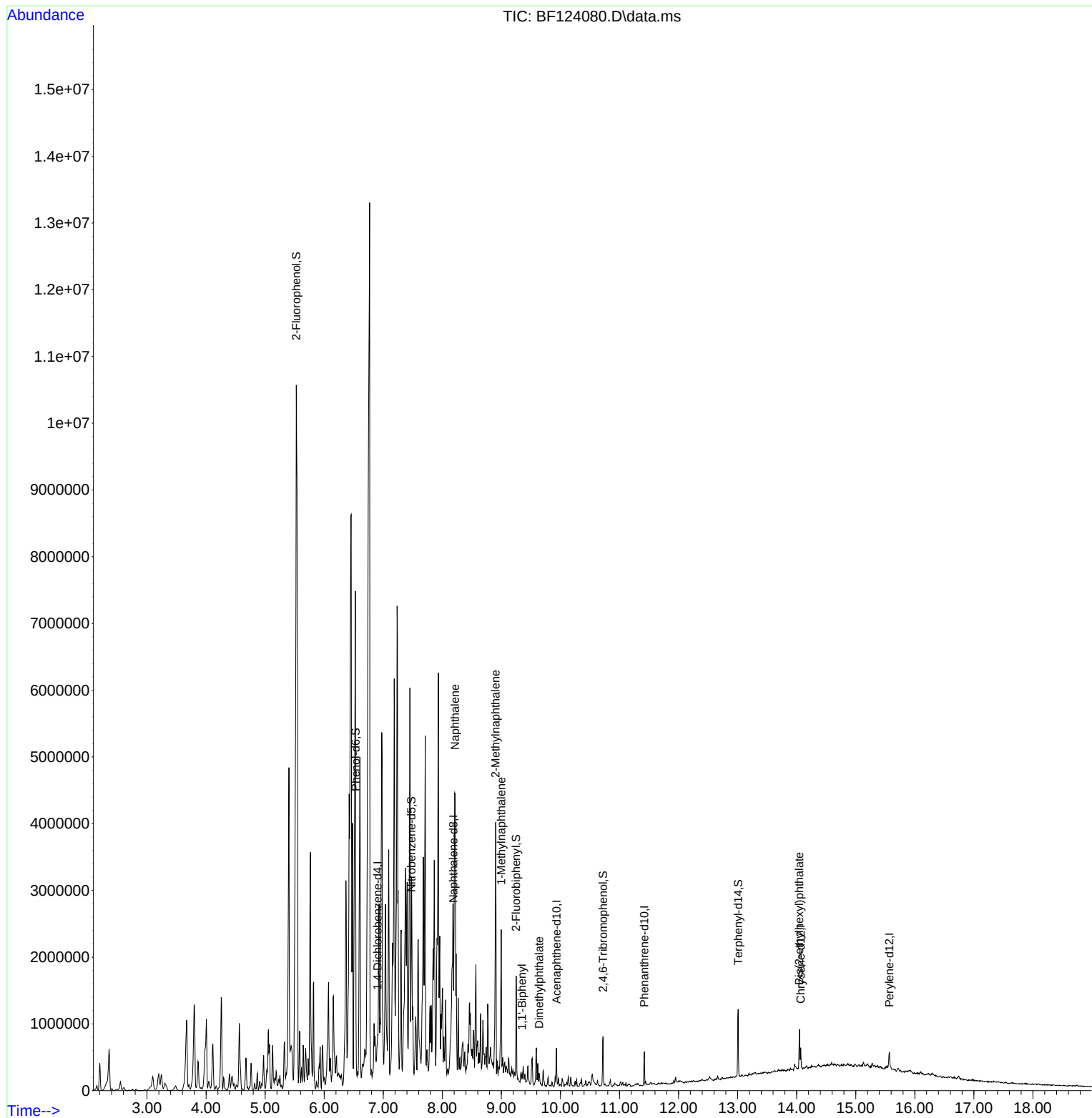
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	51760	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	194125	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	102202	20.00	ng	-0.01
64) Phenanthrene-d10	11.421	188	158146	20.00	ng	0.00
76) Chrysene-d12	14.068	240	106347	20.00	ng	0.00
86) Perylene-d12	15.568	264	104055	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	223825	60.71	ng	0.02
7) Phenol-d6	6.534	99	297619	62.23	ng	0.01
23) Nitrobenzene-d5	7.475	82	240919	53.47	ng	0.01
42) 2,4,6-Tribromophenol	10.721	330	80584	65.65	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	385583	46.43	ng	-0.01
79) Terphenyl-d14	13.010	244	295650	42.11	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.216	128	1699653	147.94	ng	97
37) 2-Methylnaphthalene	8.904	142	1083279	139.12	ng	98
38) 1-Methylnaphthalene	8.998	142	466903	64.26	ng	95
46) 1,1'-Biphenyl	9.351	154	22544	2.50	ng	86
50) Dimethylphthalate	9.639	163	37928	4.65	ng	# 97
84) Bis(2-ethylhexyl)phtha...	14.045	149	140397	26.87	ng	96

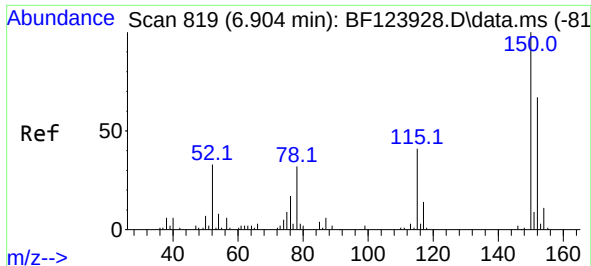
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124080.D
Acq On : 26 May 2021 23:57
Operator : JU/CG
Sample : M2535-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-2D

Quant Time: May 27 04:54:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

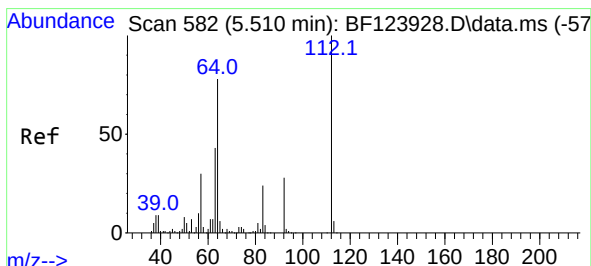
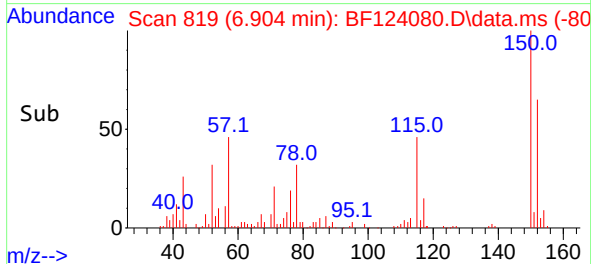
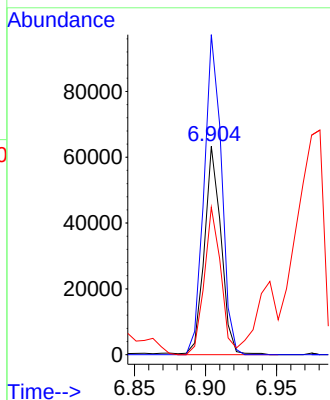
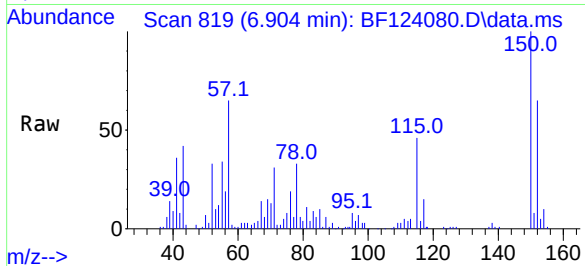




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

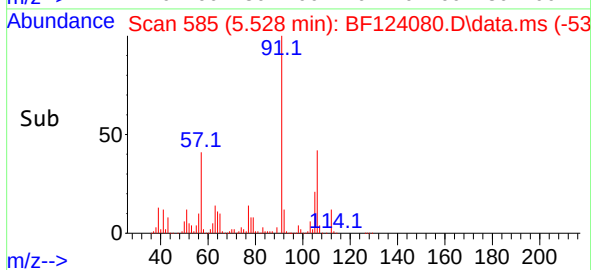
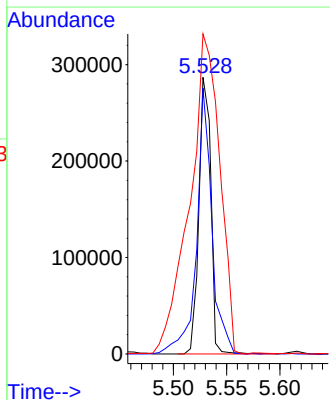
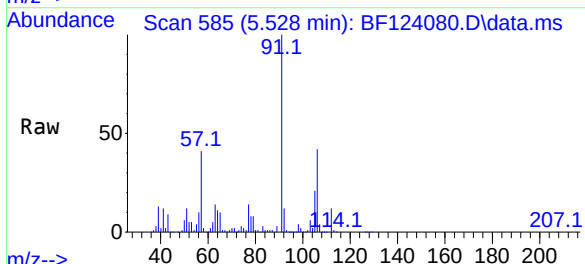
Instrument :
BNA_F
ClientSampleID :
GHOST-2D

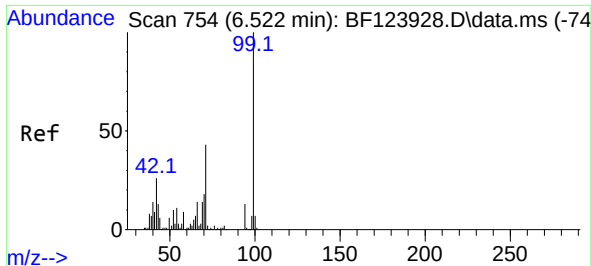
Tgt Ion:152 Resp: 51760
Ion Ratio Lower Upper
152 100
150 153.6 127.0 190.6
115 70.8 54.3 81.5



#5
2-Fluorophenol
Concen: 60.71 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

Tgt Ion:112 Resp: 223825
Ion Ratio Lower Upper
112 100
64 96.1 61.4 92.0#
63 115.7 33.0 49.4#

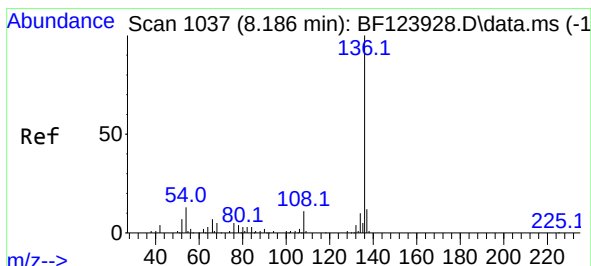
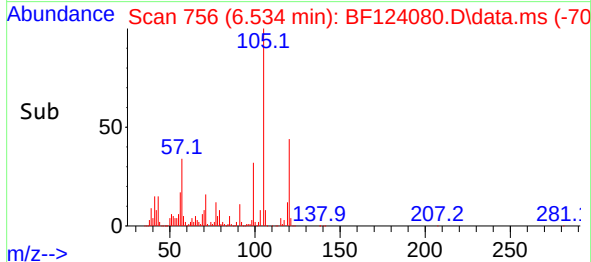
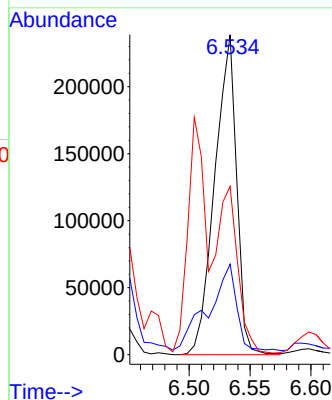
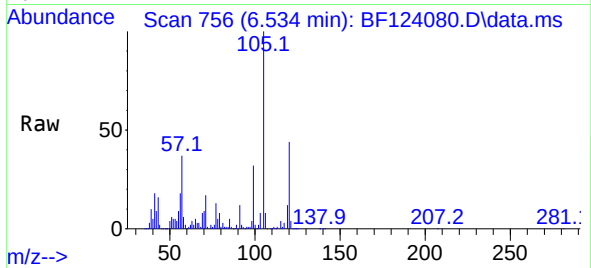




#7
Phenol-d6
Concen: 62.23 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

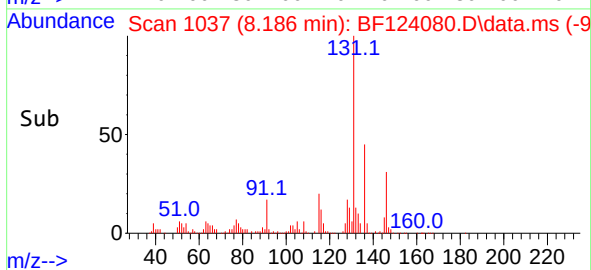
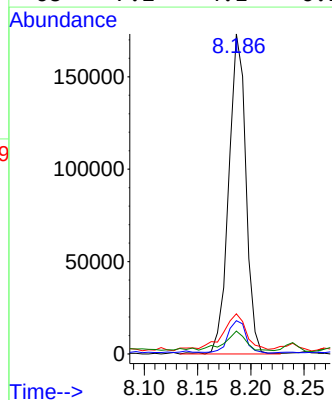
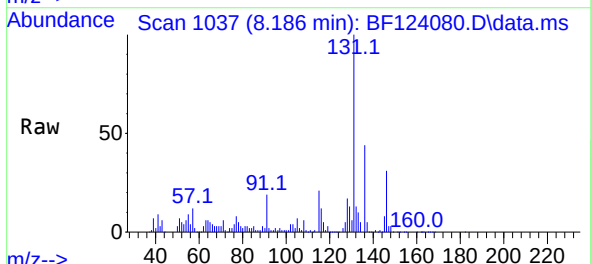
Instrument :
BNA_F
ClientSampled :
GHOST-2D

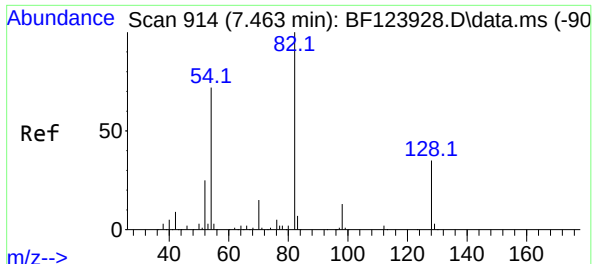
Tgt Ion: 99 Resp: 297619
Ion Ratio Lower Upper
99 100
42 28.3 19.8 29.8
71 52.6 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

Tgt Ion: 136 Resp: 194125
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 12.6 9.8 14.6
68 7.2 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 53.47 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.012 min

Lab File: BF124080.D

Acq: 26 May 2021 23:57

Instrument :

BNA_F

ClientSampled :

GHOST-2D

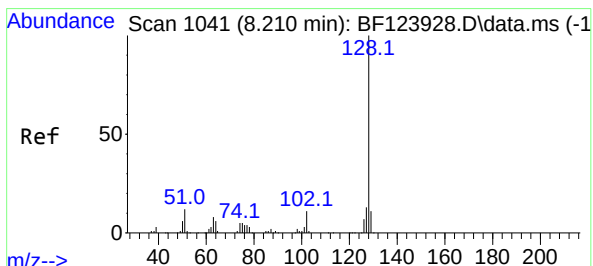
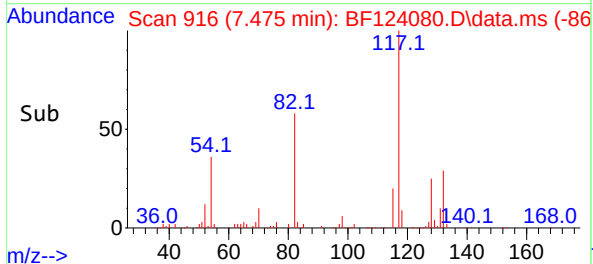
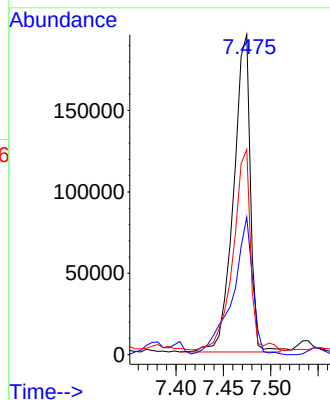
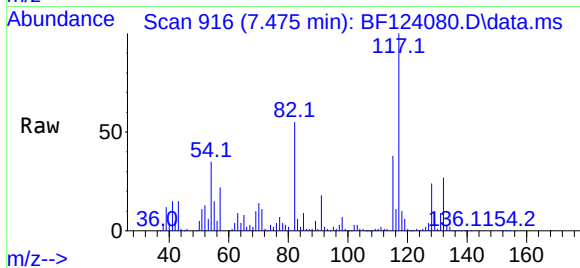
Tgt Ion: 82 Resp: 240919

Ion Ratio Lower Upper

82 100

128 42.9 29.4 44.2

54 64.1 54.1 81.1



#31

Naphthalene

Concen: 147.94 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.006 min

Lab File: BF124080.D

Acq: 26 May 2021 23:57

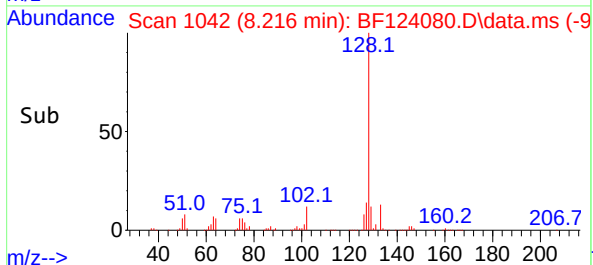
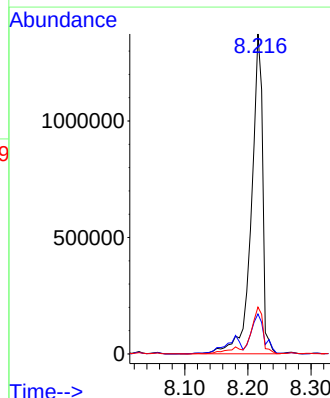
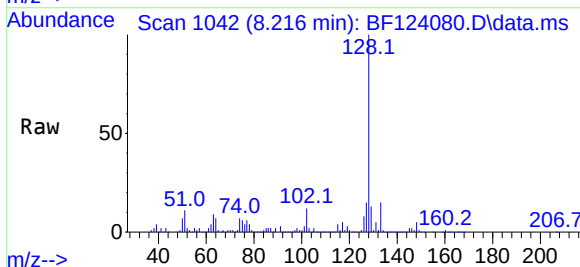
Tgt Ion:128 Resp: 1699653

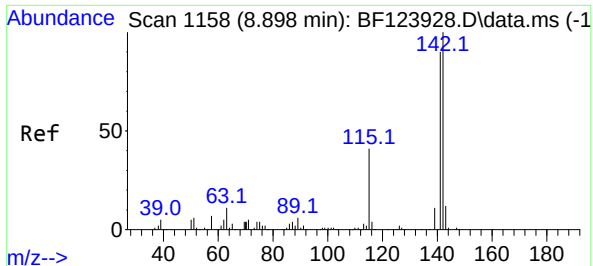
Ion Ratio Lower Upper

128 100

129 12.5 8.9 13.3

127 14.7 10.8 16.2

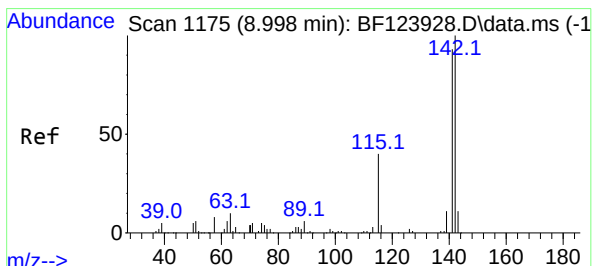
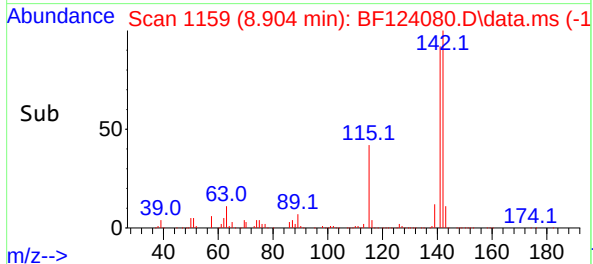
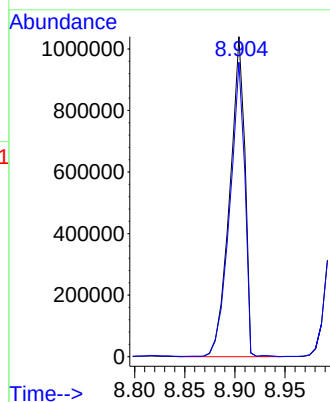
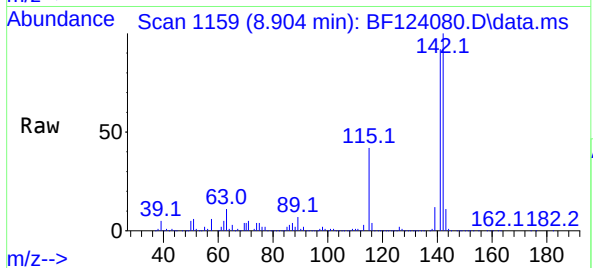




#37
2-Methylnaphthalene
Concen: 139.12 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

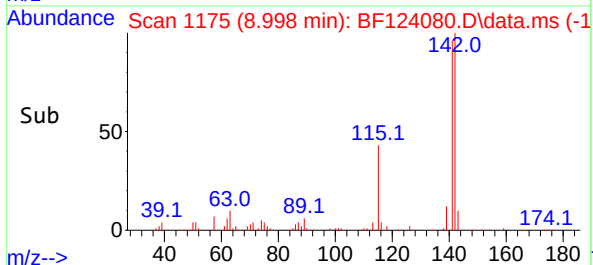
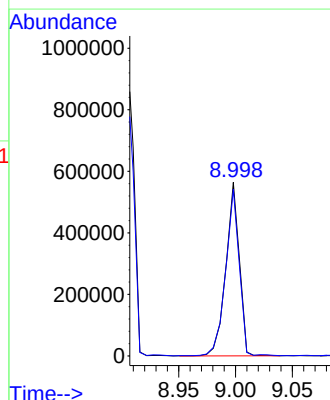
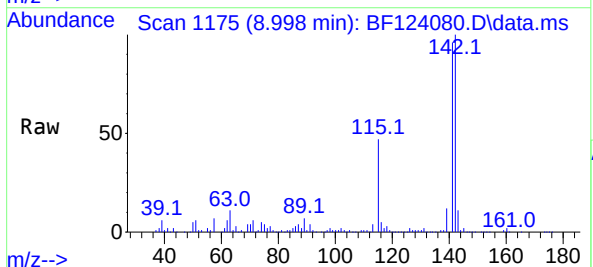
Instrument :
BNA_F
ClientSampled :
GHOST-2D

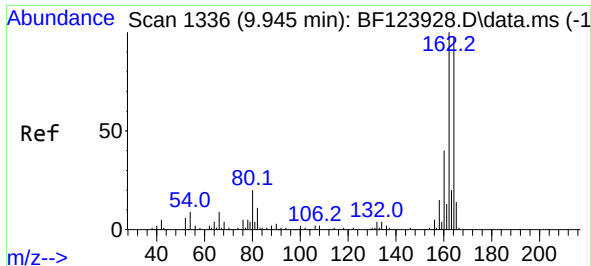
Tgt Ion:142 Resp: 1083279
Ion Ratio Lower Upper
142 100
141 92.0 71.8 107.6



#38
1-Methylnaphthalene
Concen: 64.26 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

Tgt Ion:142 Resp: 466903
Ion Ratio Lower Upper
142 100
141 96.1 72.8 109.2

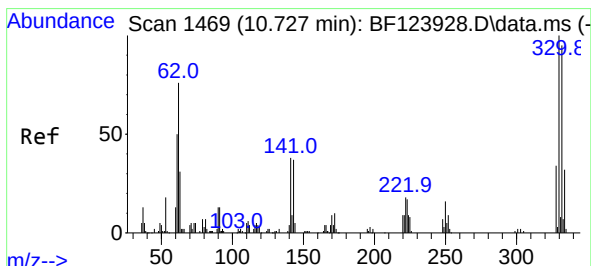
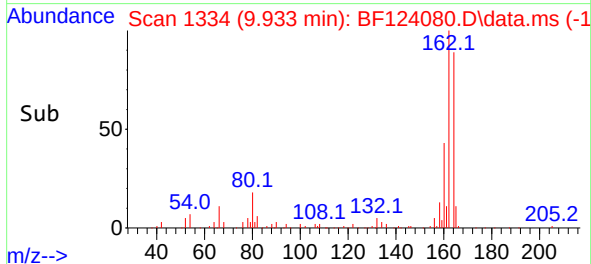
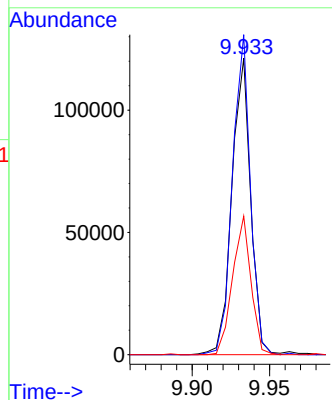
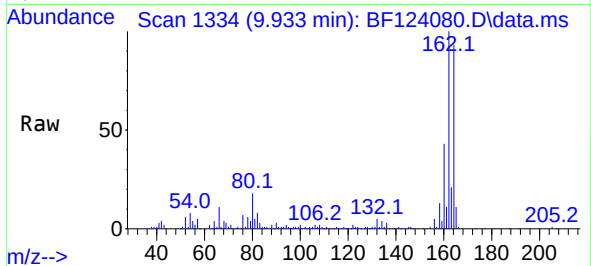




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

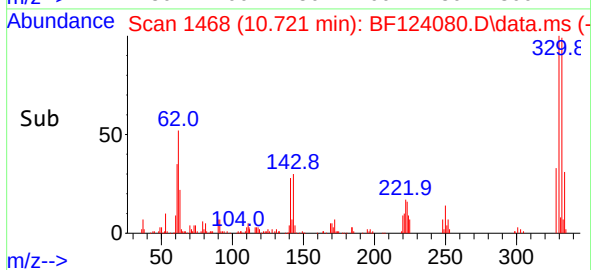
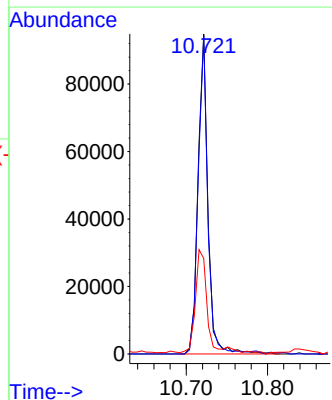
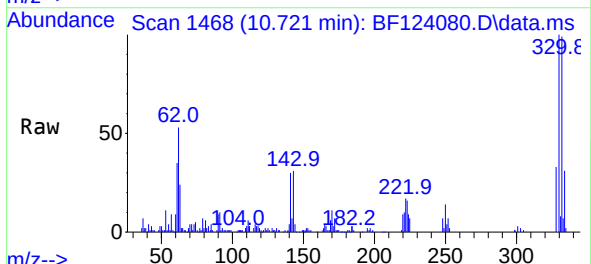
Instrument :
BNA_F
ClientSampleId :
GHOST-2D

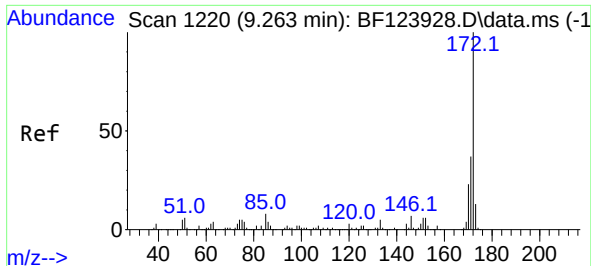
Tgt Ion:164 Resp: 102202
Ion Ratio Lower Upper
164 100
162 107.9 80.7 121.1
160 46.8 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 65.65 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

Tgt Ion:330 Resp: 80584
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 36.2 27.9 41.9





#45

2-Fluorobiphenyl

Concen: 46.43 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF124080.D

Acq: 26 May 2021 23:57

Tgt Ion:172 Resp: 385583

Ion Ratio Lower Upper

172 100

171 37.6 28.1 42.1

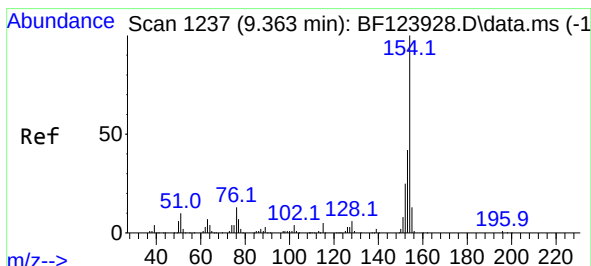
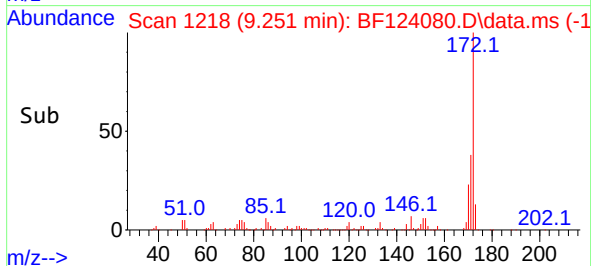
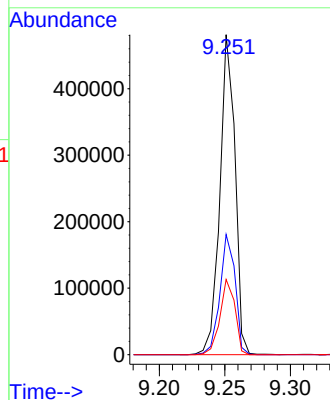
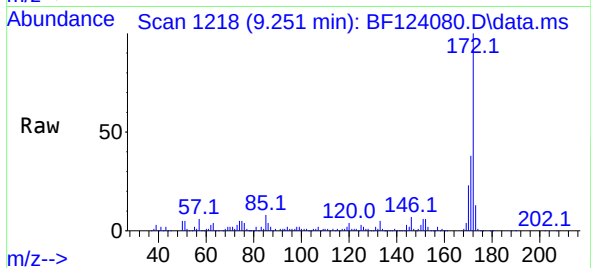
170 23.5 19.2 28.8

Instrument :

BNA_F

ClientSampled :

GHOST-2D



#46

1,1'-Biphenyl

Concen: 2.50 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF124080.D

Acq: 26 May 2021 23:57

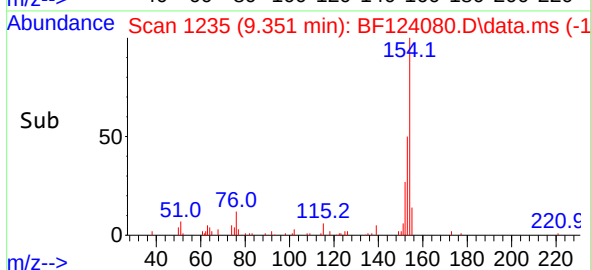
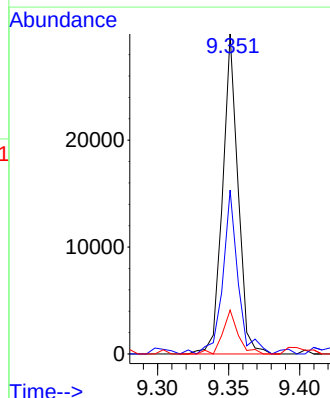
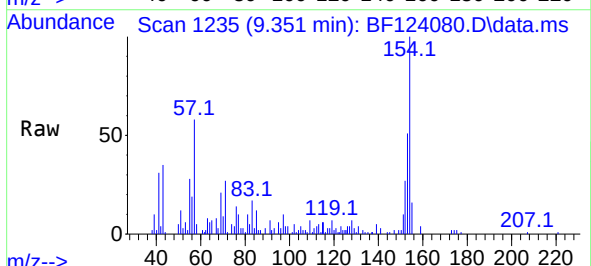
Tgt Ion:154 Resp: 22544

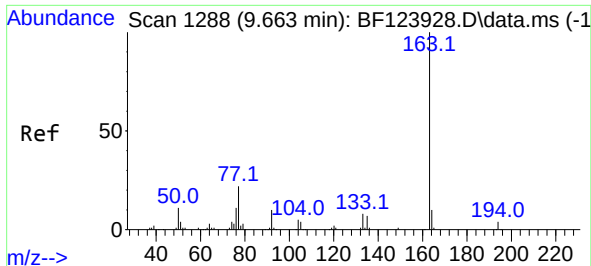
Ion Ratio Lower Upper

154 100

153 51.2 20.7 60.7

76 13.7 0.0 31.7

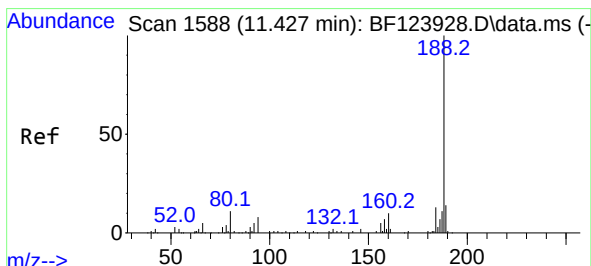
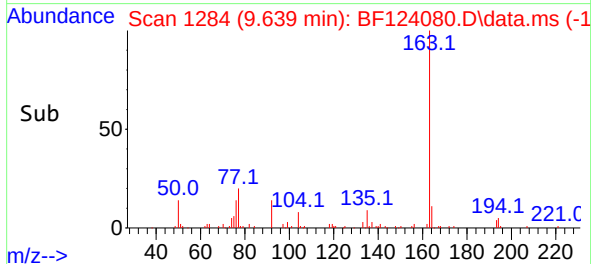
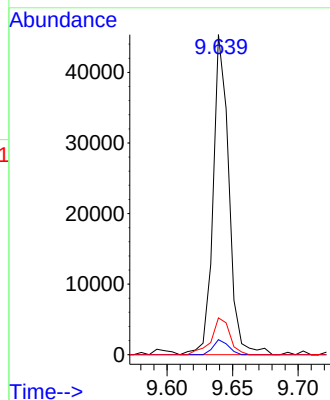
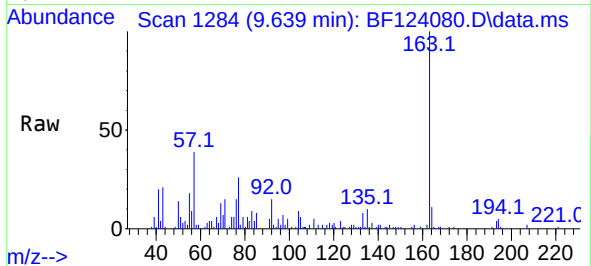




#50
Dimethylphthalate
Concen: 4.65 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

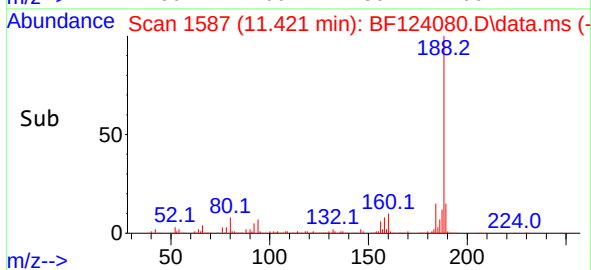
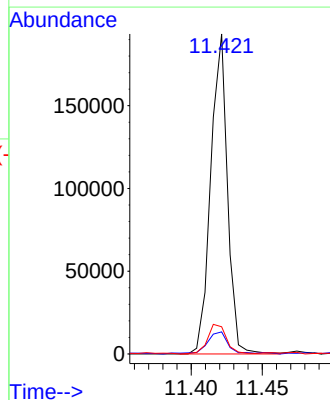
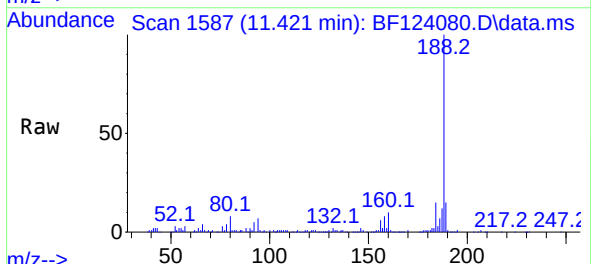
Instrument :
BNA_F
ClientSampleId :
GHOST-2D

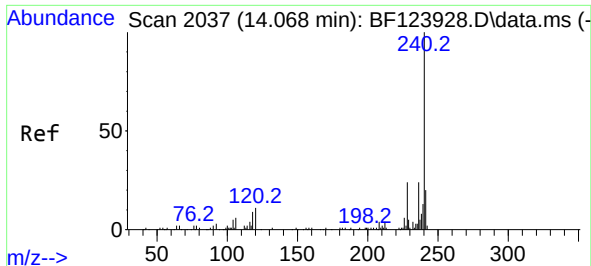
Tgt Ion:163 Resp: 37928
Ion Ratio Lower Upper
163 100
194 4.7 3.1 4.7#
164 11.5 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

Tgt Ion:188 Resp: 158146
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 8.5 8.2 12.2

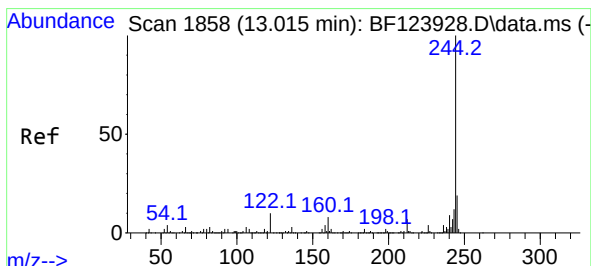
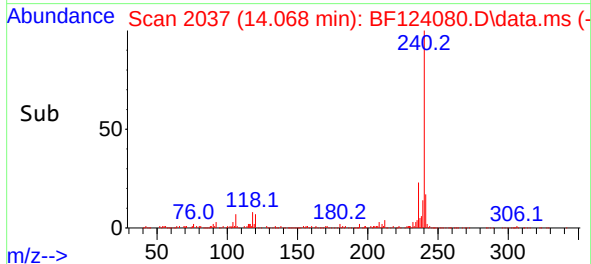
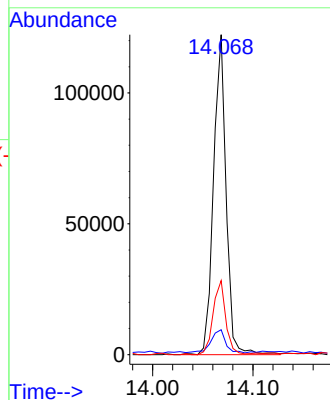
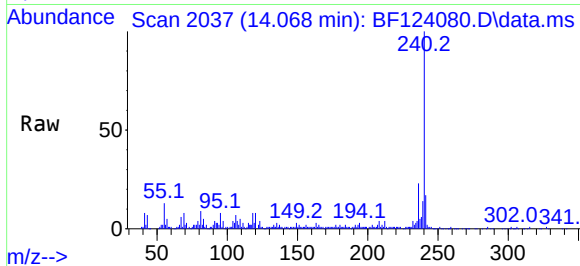




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

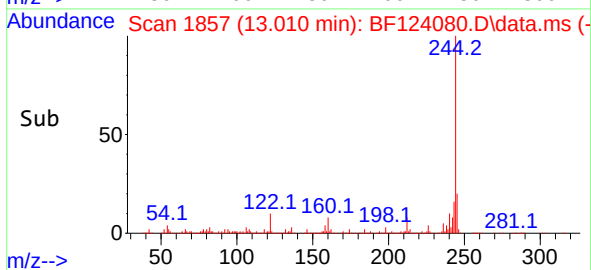
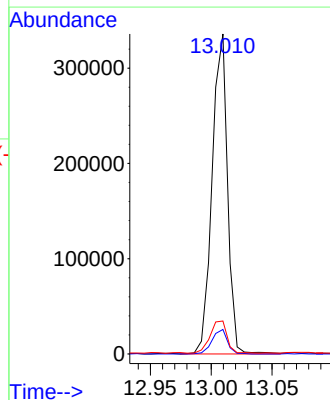
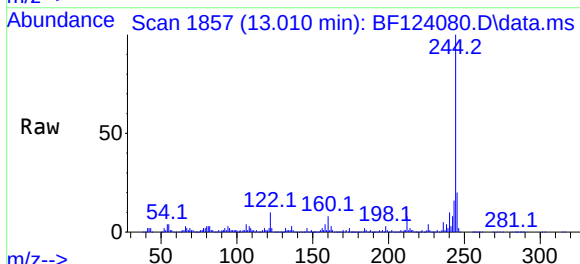
Instrument :
BNA_F
ClientSampleId :
GHOST-2D

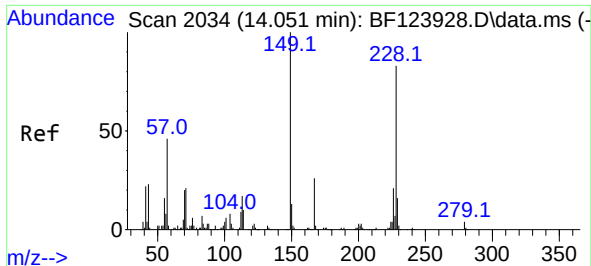
Tgt Ion:240 Resp: 106347
Ion Ratio Lower Upper
240 100
120 7.8 7.2 10.8
236 23.1 19.0 28.4



#79
Terphenyl-d14
Concen: 42.11 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

Tgt Ion:244 Resp: 295650
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 10.3 9.7 14.5

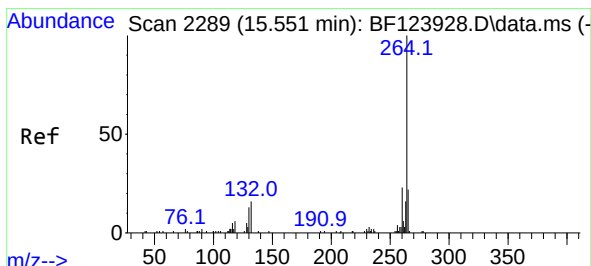
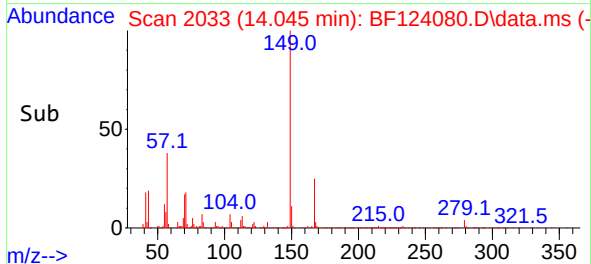
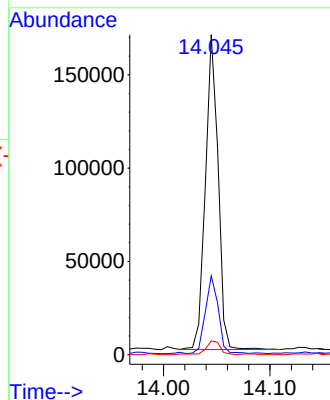
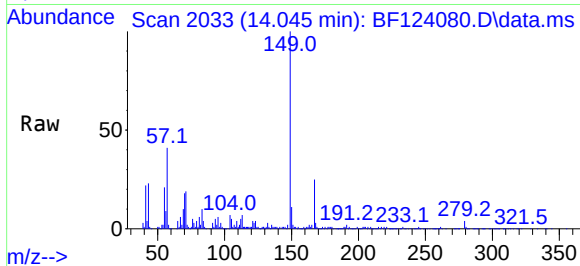




#84
Bis(2-ethylhexyl)phthalate
Concen: 26.87 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

Instrument :
BNA_F
ClientSampleId :
GHOST-2D

Tgt Ion:149 Resp: 140397
Ion Ratio Lower Upper
149 100
167 24.6 21.8 32.6
279 4.3 3.3 4.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF124080.D
Acq: 26 May 2021 23:57

Tgt Ion:264 Resp: 104055
Ion Ratio Lower Upper
264 100
260 21.9 18.7 28.1
265 22.7 17.8 26.8

