

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124091.D
 Acq On : 27 May 2021 14:30
 Operator : JU/CG
 Sample : M2535-01DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-1DDL

Quant Time: May 27 14:50:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 13:12:25 2021
 Response via : Initial Calibration

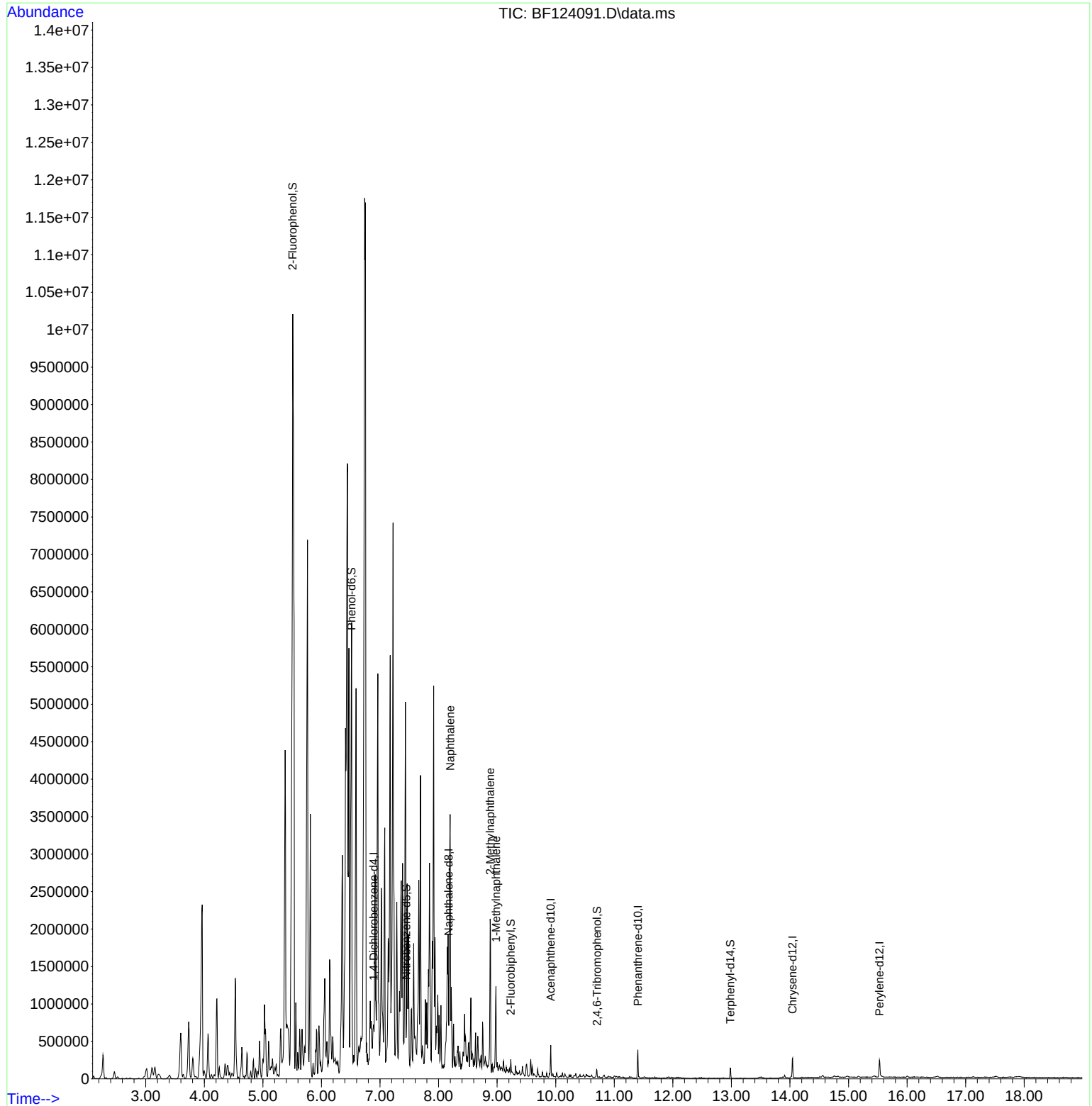
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	30773	20.00	ng	0.01
21) Naphthalene-d8	8.169	136	121983	20.00	ng	# 0.00
39) Acenaphthene-d10	9.916	164	68103	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	117982	20.00	ng	# 0.00
76) Chrysene-d12	14.045	240	82261	20.00	ng	0.00
86) Perylene-d12	15.527	264	91350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	27040	12.34	ng	0.02
7) Phenol-d6	6.510	99	43863	15.43	ng	0.00
23) Nitrobenzene-d5	7.451	82	41251	14.57	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	10721	13.11	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	42363	7.65	ng	0.00
79) Terphenyl-d14	12.980	244	44000	8.10	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.198	128	1198295	165.99	ng	97
37) 2-Methylnaphthalene	8.880	142	537581	109.87	ng	95
38) 1-Methylnaphthalene	8.980	142	226976	49.71	ng	97

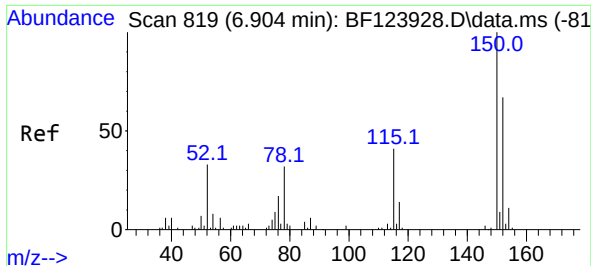
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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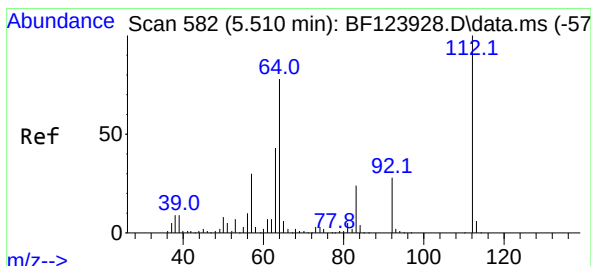
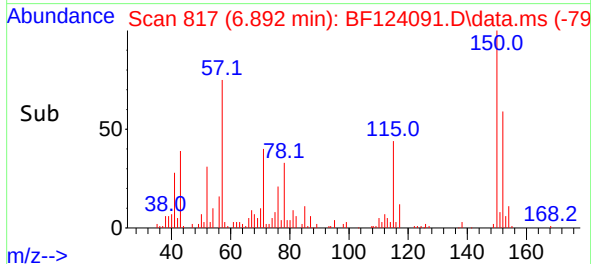
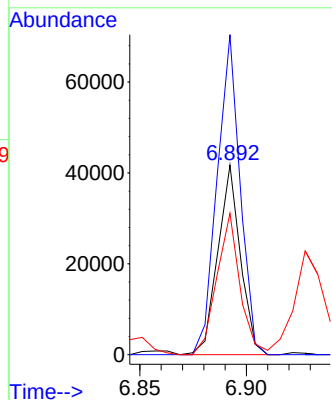
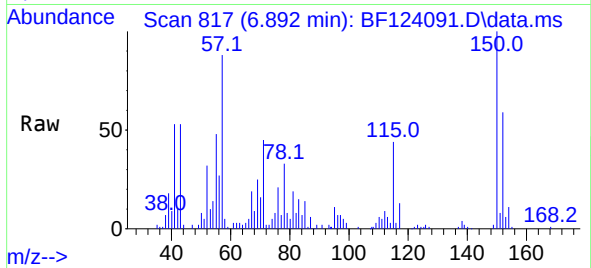




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.011 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

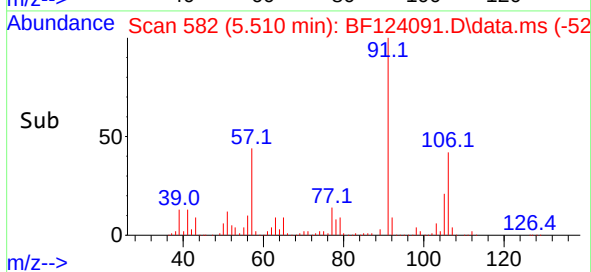
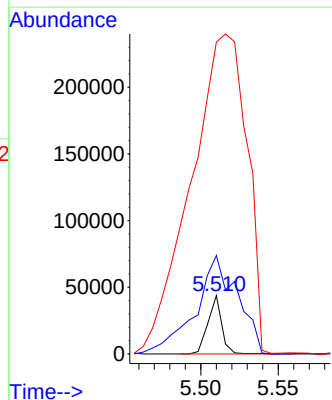
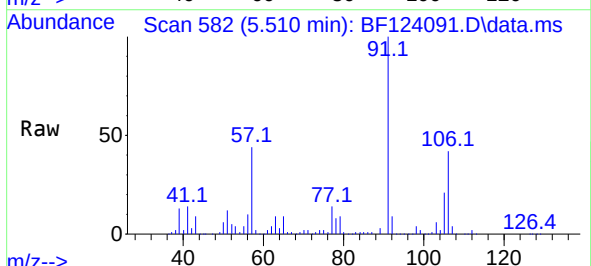
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL

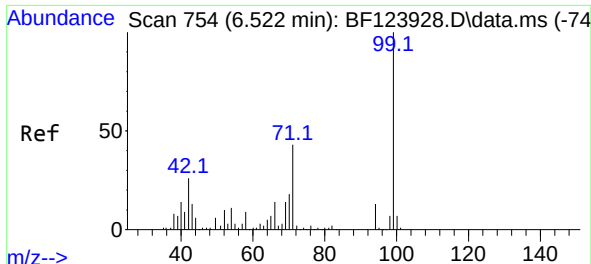
Tgt Ion:152 Resp: 30773
Ion Ratio Lower Upper
152 100
150 168.8 127.0 190.6
115 74.5 54.3 81.5



#5
2-Fluorophenol
Concen: 12.34 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion:112 Resp: 27040
Ion Ratio Lower Upper
112 100
64 168.5 61.4 92.0#
63 534.0 33.0 49.4#

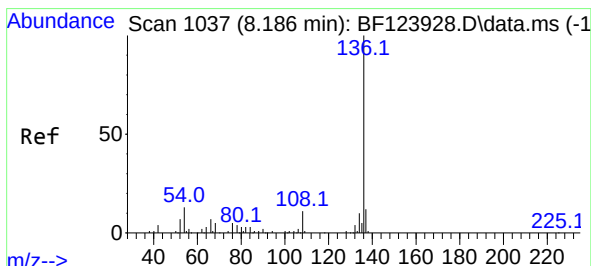
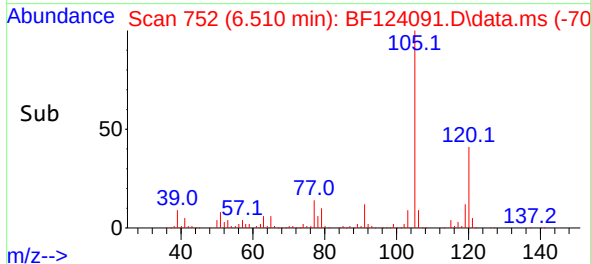
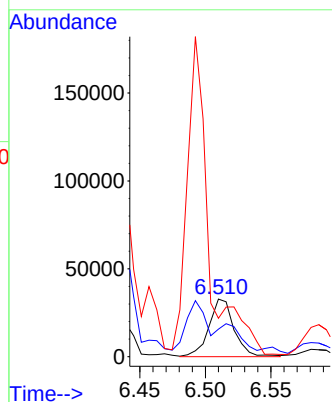
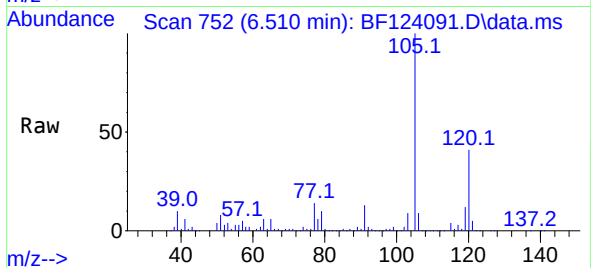




#7
Phenol-d6
Concen: 15.43 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

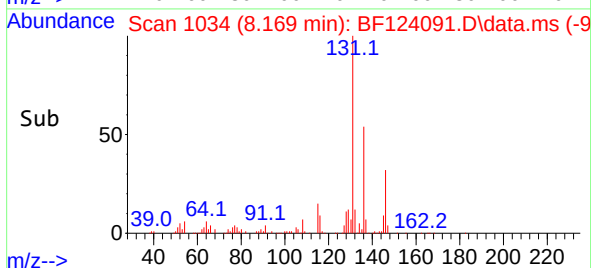
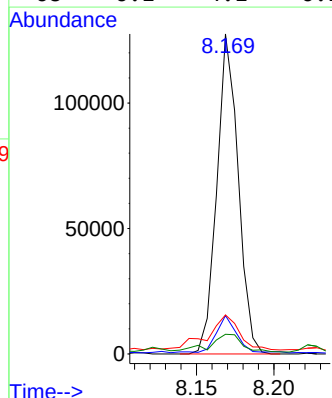
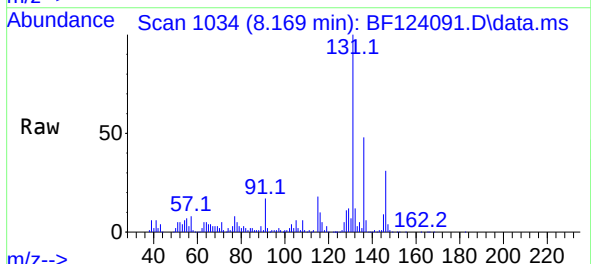
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL

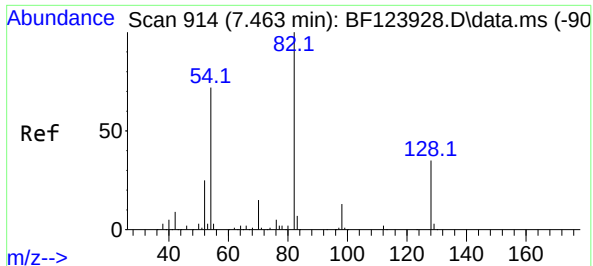
Tgt Ion: 99 Resp: 43863
Ion Ratio Lower Upper
99 100
42 47.8 19.8 29.8#
71 66.7 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.006 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion: 136 Resp: 121983
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 12.2 9.8 14.6
68 6.1 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 14.57 ng

RT: 7.451 min Scan# 912

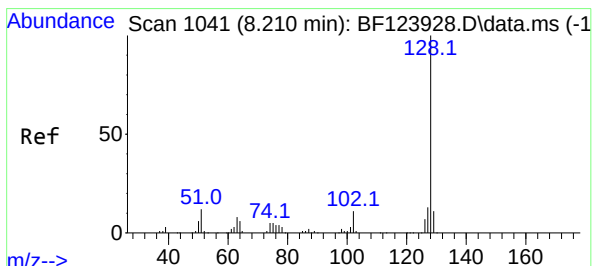
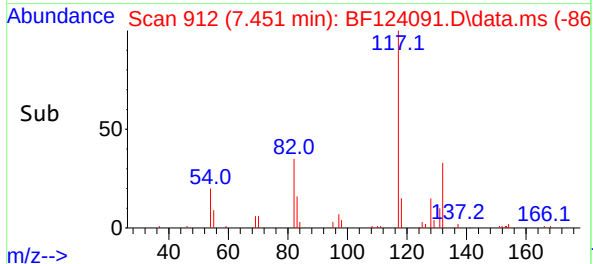
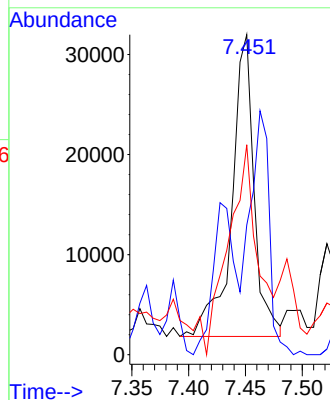
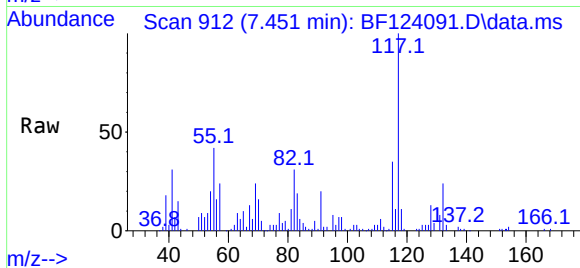
Delta R.T. 0.006 min

Lab File: BF124091.D

Acq: 27 May 2021 14:30

Tgt Ion:	82	Resp:	41251
Ion	Ratio	Lower	Upper
82	100		
128	40.5	29.4	44.2
54	65.6	54.1	81.1

Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL



#31

Naphthalene

Concen: 165.99 ng

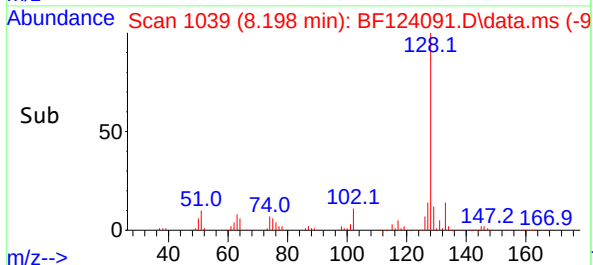
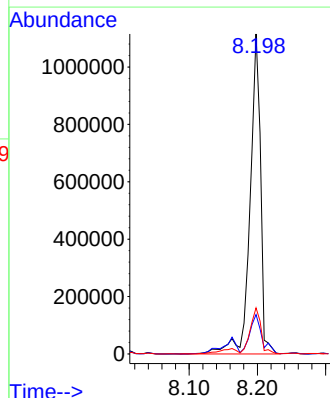
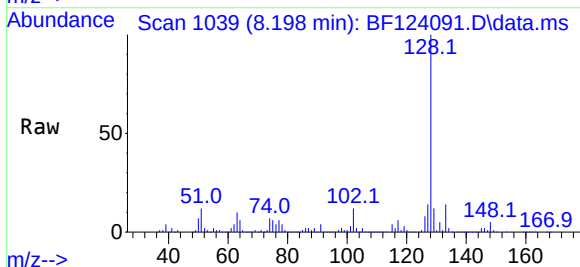
RT: 8.198 min Scan# 1039

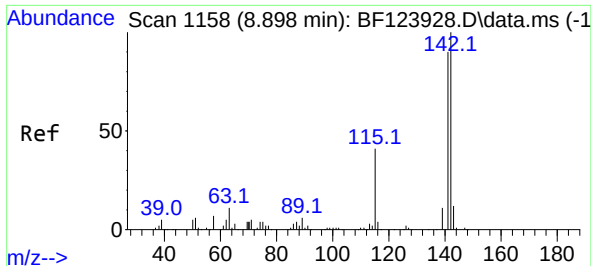
Delta R.T. 0.012 min

Lab File: BF124091.D

Acq: 27 May 2021 14:30

Tgt Ion:	128	Resp:	1198295
Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.9	13.3
127	14.4	10.8	16.2

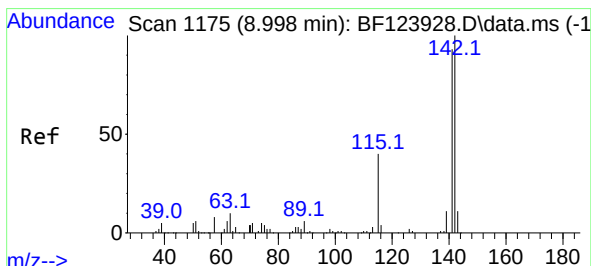
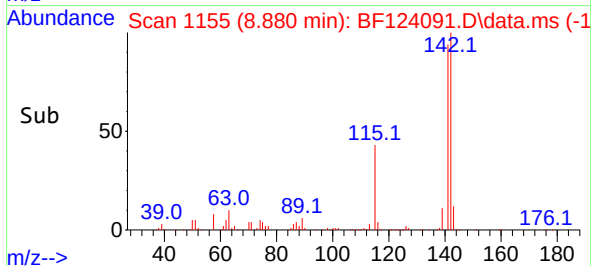
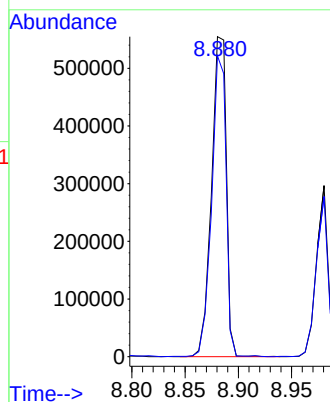
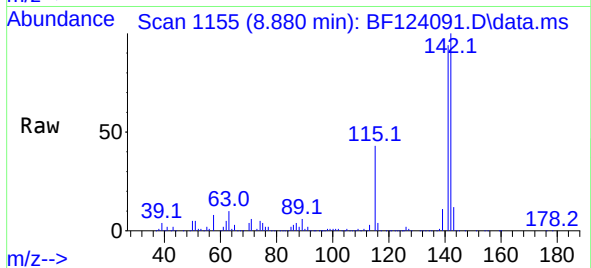




#37
2-Methylnaphthalene
Concen: 109.87 ng
RT: 8.880 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

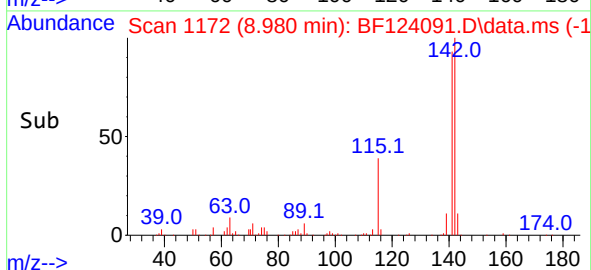
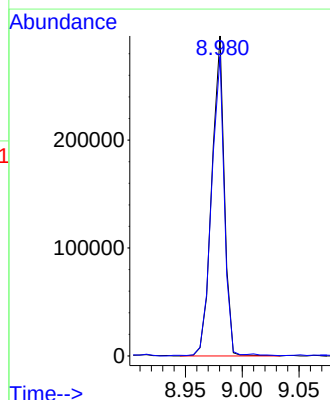
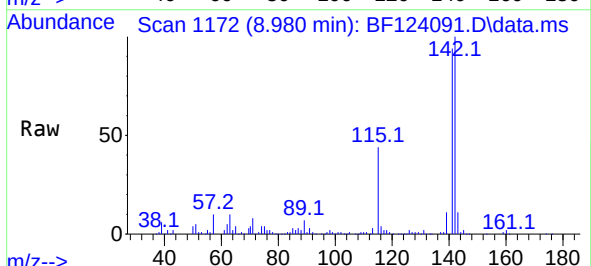
Instrument :
BNA_F
ClientSampleID :
GHOST-1DDL

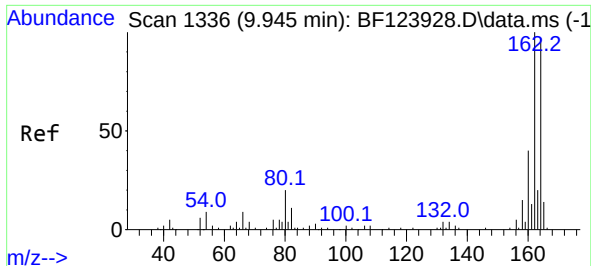
Tgt Ion:142 Resp: 537581
Ion Ratio Lower Upper
142 100
141 94.0 71.8 107.6



#38
1-Methylnaphthalene
Concen: 49.71 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion:142 Resp: 226976
Ion Ratio Lower Upper
142 100
141 93.7 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF124091.D

Acq: 27 May 2021 14:30

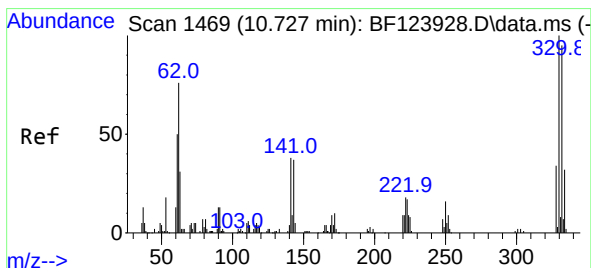
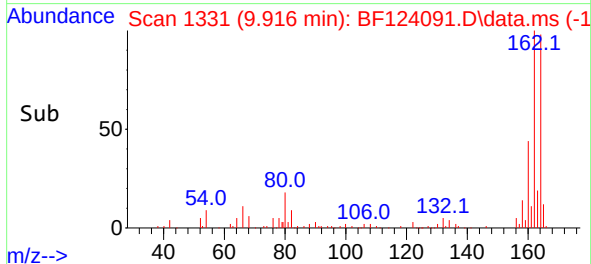
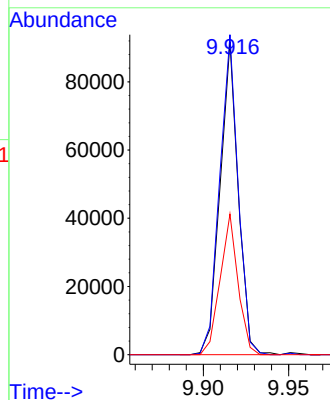
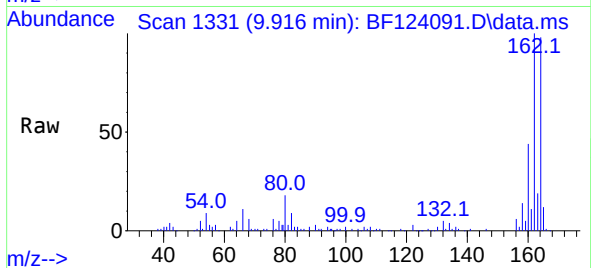
Tgt Ion:164 Resp: 68103

Ion Ratio Lower Upper

164 100

162 102.3 80.7 121.1

160 44.9 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 13.11 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.000 min

Lab File: BF124091.D

Acq: 27 May 2021 14:30

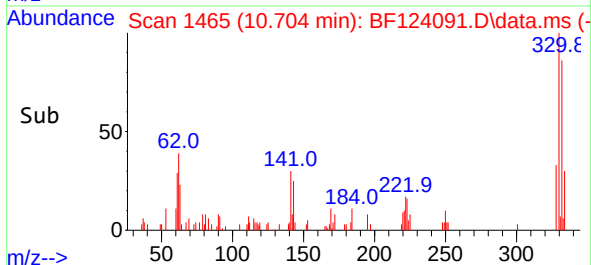
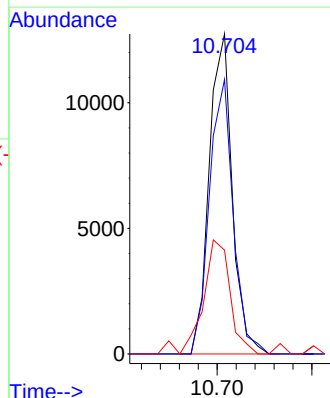
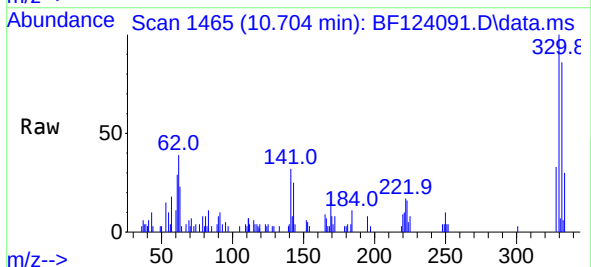
Tgt Ion:330 Resp: 10721

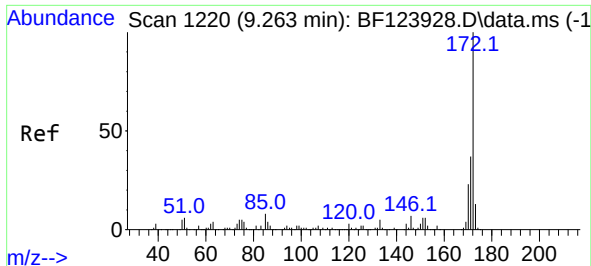
Ion Ratio Lower Upper

330 100

332 88.8 77.1 115.7

141 42.4 27.9 41.9#

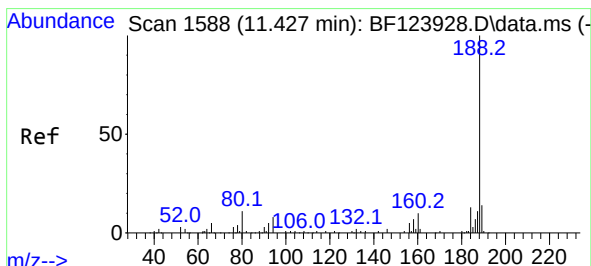
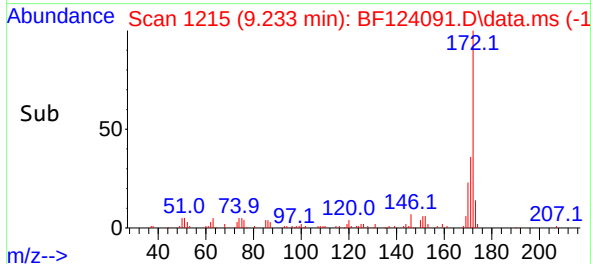
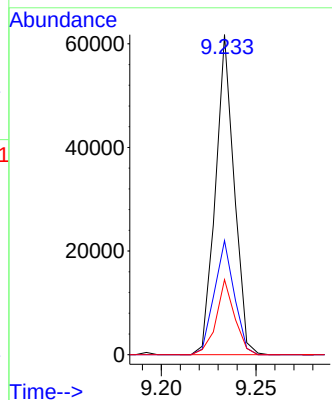
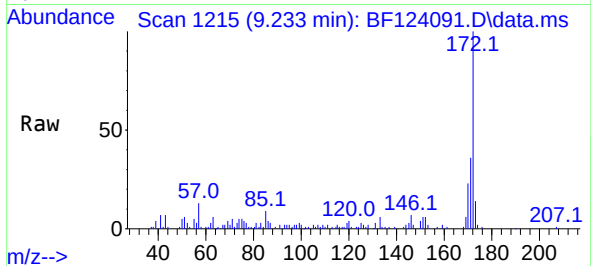




#45
2-Fluorobiphenyl
Concen: 7.65 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

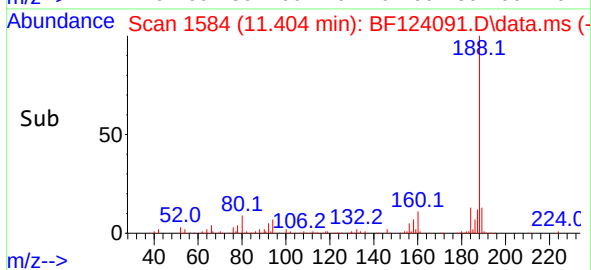
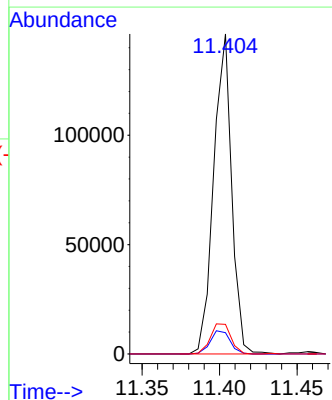
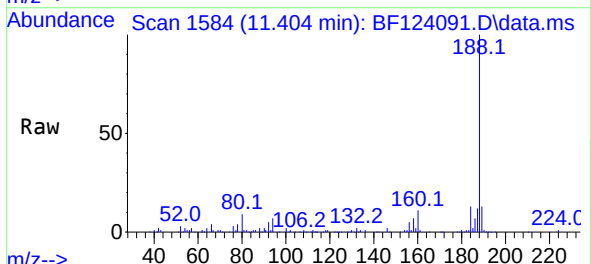
Instrument :
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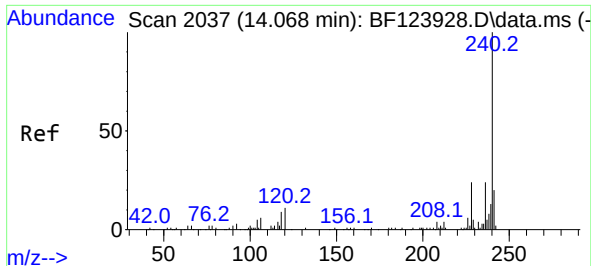
Tgt Ion:172	Resp:	42363
Ion Ratio	Lower	Upper
172	100	
171	35.7	28.1 42.1
170	23.5	19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion:188	Resp:	117982
Ion Ratio	Lower	Upper
188	100	
94	6.7	6.9 10.3#
80	9.3	8.2 12.2

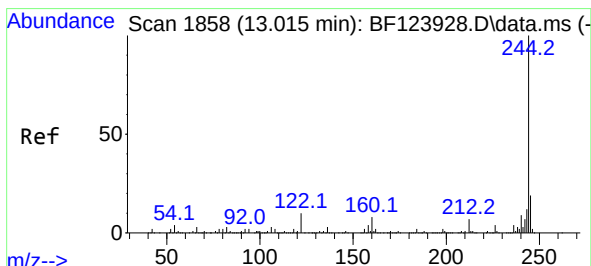
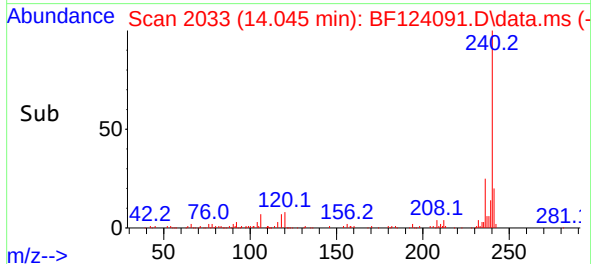
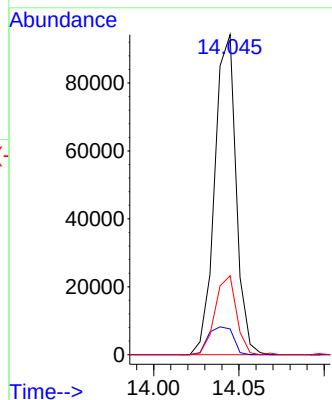
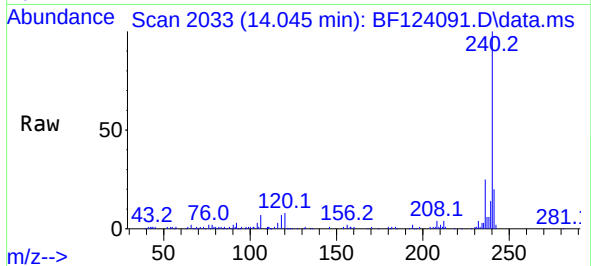




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

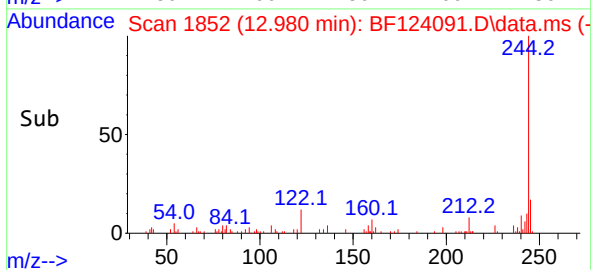
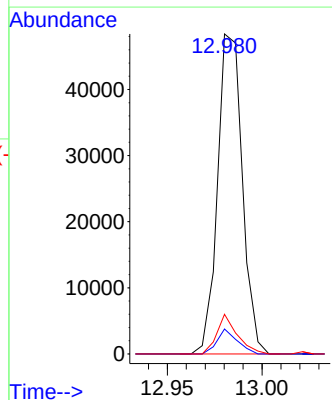
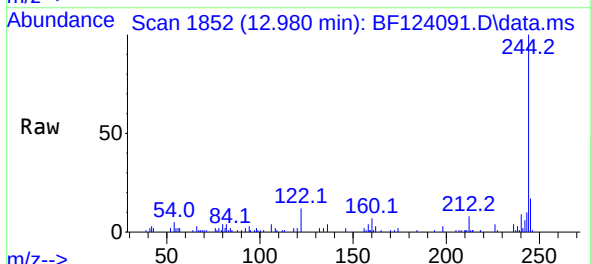
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL

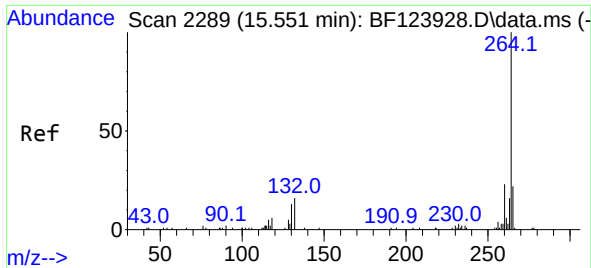
Tgt Ion:240 Resp: 82261
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 24.7 19.0 28.4



#79
Terphenyl-d14
Concen: 8.10 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion:244 Resp: 44000
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 12.4 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: BF124091.D
 Acq: 27 May 2021 14:30

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-1DDL

Tgt Ion:	264	Resp:	91350
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	20.7	17.8	26.8

