

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124092.D
 Acq On : 27 May 2021 15:02
 Operator : JU/CG
 Sample : M2535-03DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-3DDL

Quant Time: May 27 15:38:57 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)

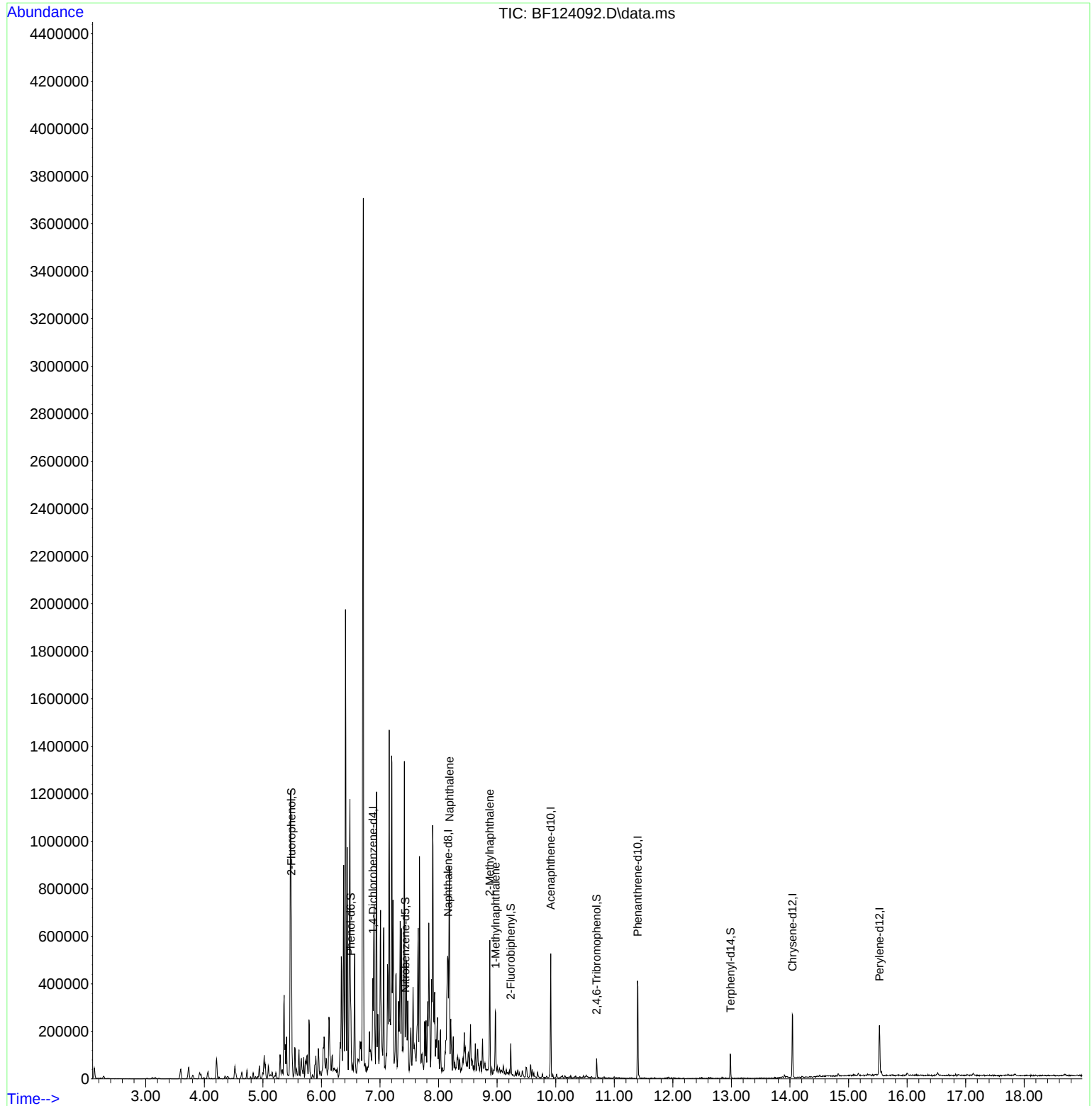
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	41023	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	148962	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	84912	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	143515	20.00	ng	0.00
76) Chrysene-d12	14.045	240	87783	20.00	ng	0.00
86) Perylene-d12	15.527	264	88332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	21349	7.31	ng	0.00
7) Phenol-d6	6.498	99	27895	7.36	ng	-0.01
23) Nitrobenzene-d5	7.434	82	22790	6.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	7838	7.69	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	33043	4.79	ng	0.00
79) Terphenyl-d14	12.986	244	31473	5.43	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.186	128	228882	25.96	ng	97
37) 2-Methylnaphthalene	8.875	142	115285	19.29	ng	99
38) 1-Methylnaphthalene	8.975	142	49878	8.95	ng	95

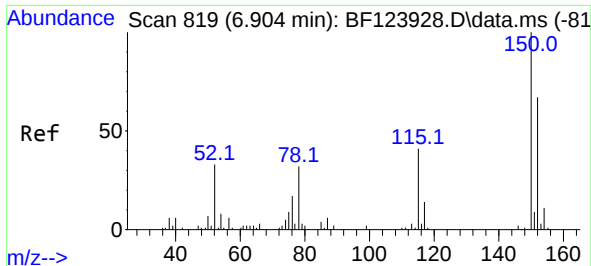
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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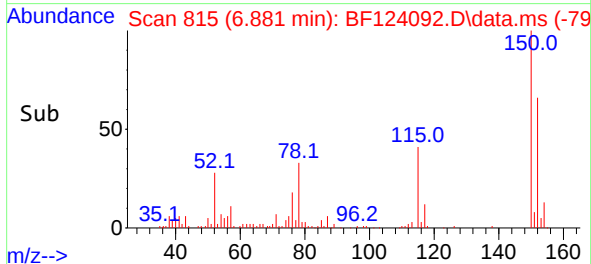
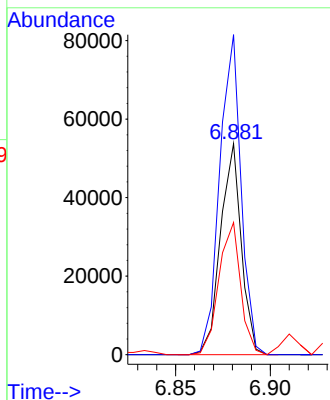
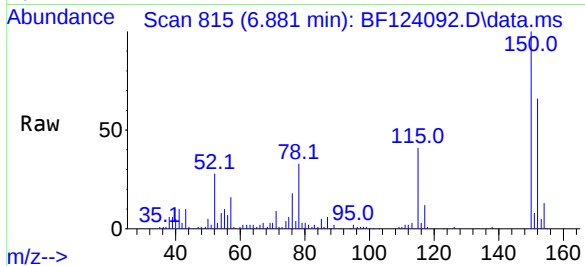




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

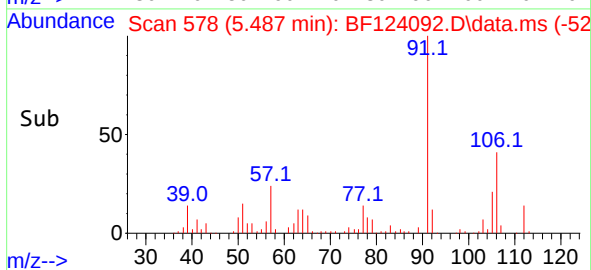
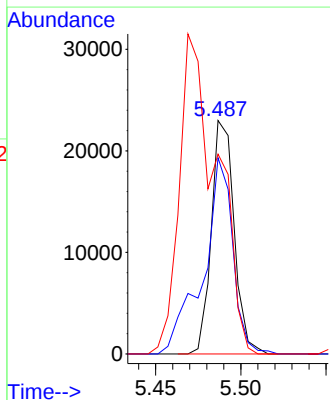
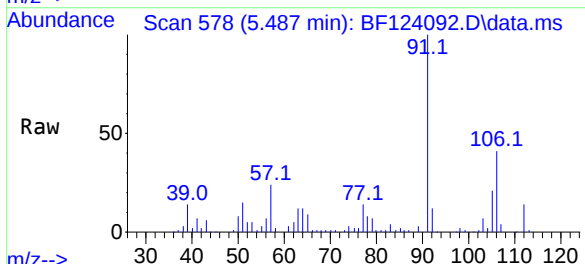
Instrument :
BNA_F
ClientSampleId :
GHOST-3DDL

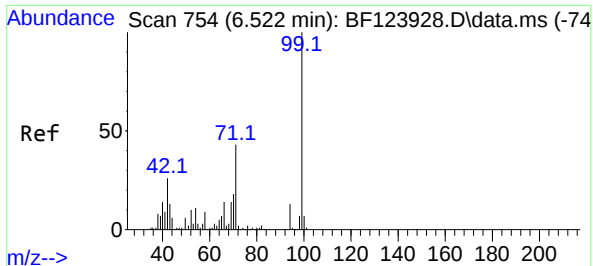
Tgt Ion:152 Resp: 41023
Ion Ratio Lower Upper
152 100
150 151.6 127.0 190.6
115 62.6 54.3 81.5



#5
2-Fluorophenol
Concen: 7.31 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

Tgt Ion:112 Resp: 21349
Ion Ratio Lower Upper
112 100
64 84.0 61.4 92.0
63 85.6 33.0 49.4#

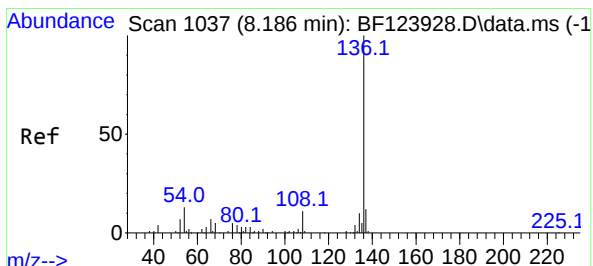
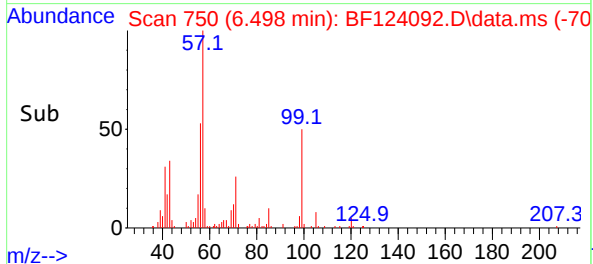
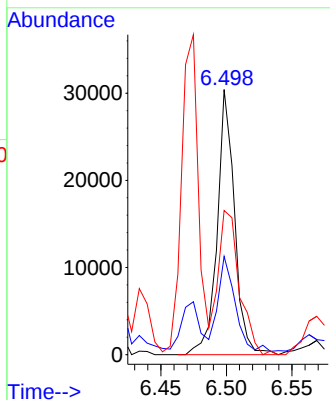
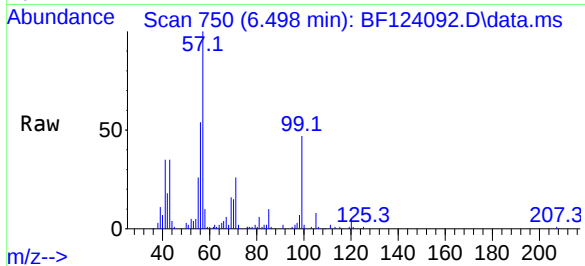




#7
Phenol-d6
Concen: 7.36 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

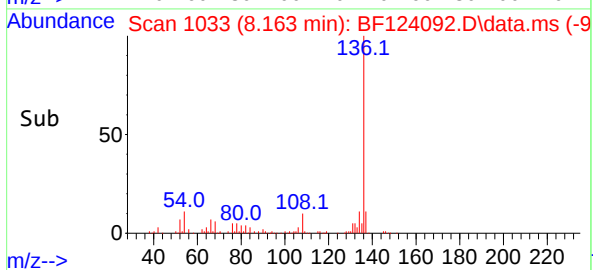
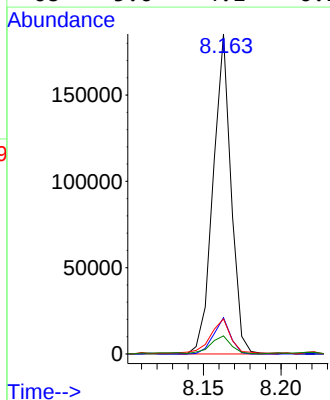
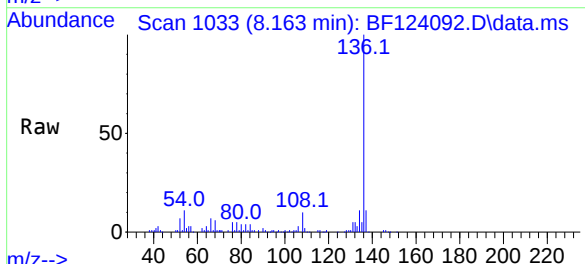
Instrument :
BNA_F
ClientSampleId :
GHOST-3DDL

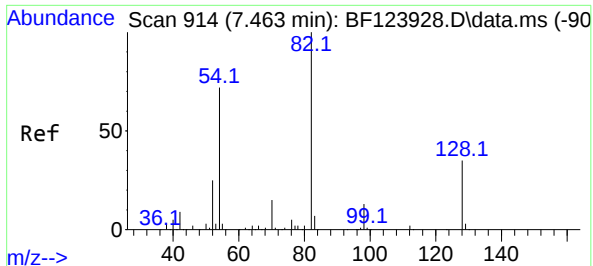
Tgt Ion: 99 Resp: 27895
Ion Ratio Lower Upper
99 100
42 37.0 19.8 29.8#
71 54.4 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

Tgt Ion: 136 Resp: 148962
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 11.0 9.8 14.6
68 5.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 6.59 ng

RT: 7.434 min Scan# 909

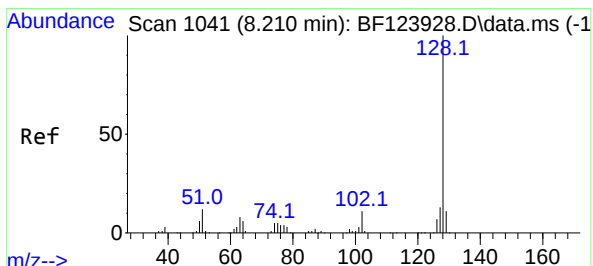
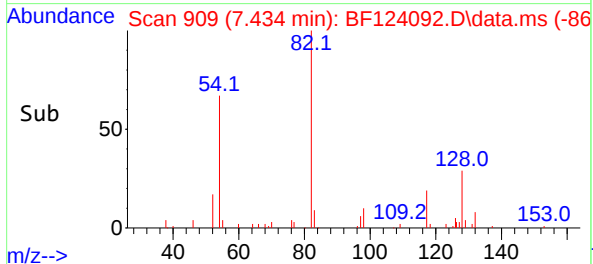
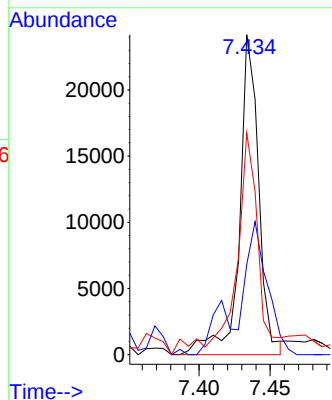
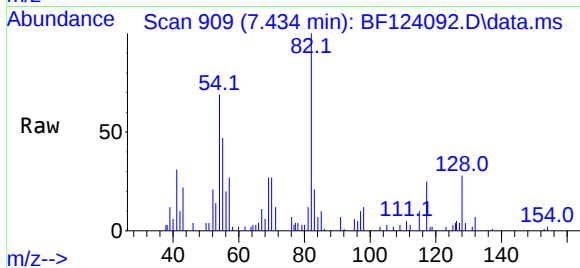
Delta R.T. -0.012 min

Lab File: BF124092.D

Acq: 27 May 2021 15:02

Tgt Ion:	82	Resp:	22790
Ion	Ratio	Lower	Upper
82	100		
128	28.2	29.4	44.2#
54	69.3	54.1	81.1

Instrument :
BNA_F
ClientSampleId :
GHOST-3DDL



#31

Naphthalene

Concen: 25.96 ng

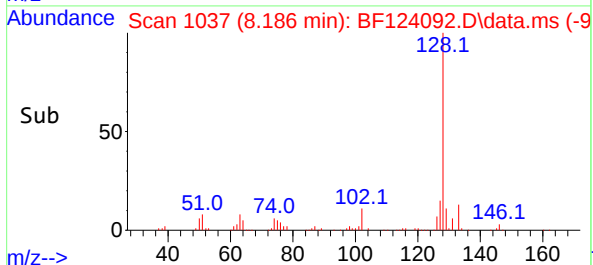
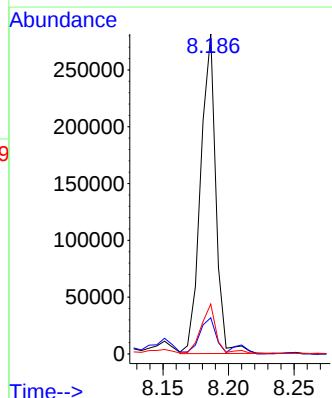
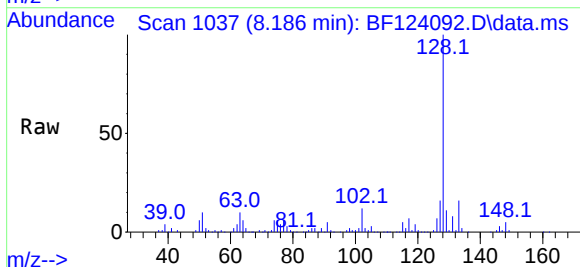
RT: 8.186 min Scan# 1037

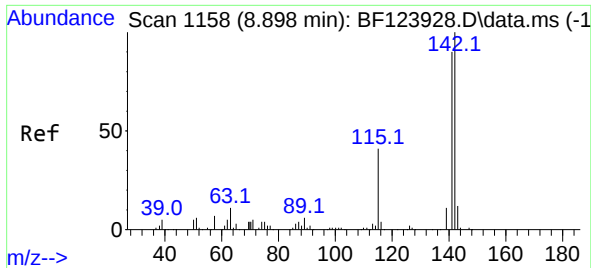
Delta R.T. -0.000 min

Lab File: BF124092.D

Acq: 27 May 2021 15:02

Tgt Ion:	128	Resp:	228882
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	15.6	10.8	16.2

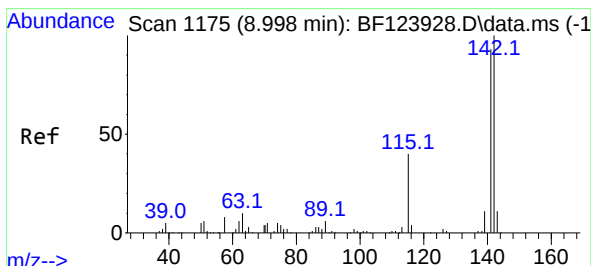
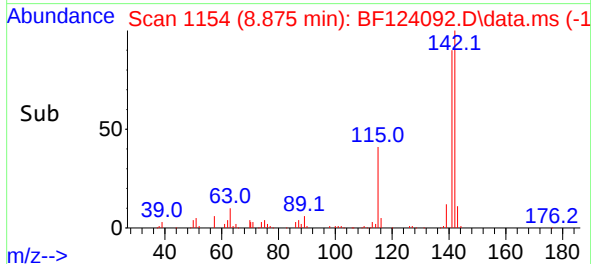
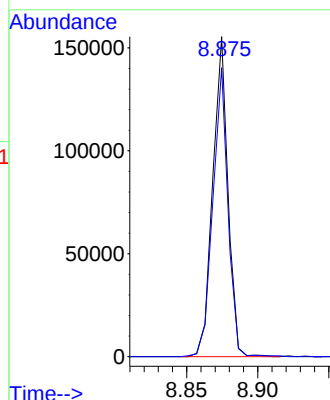
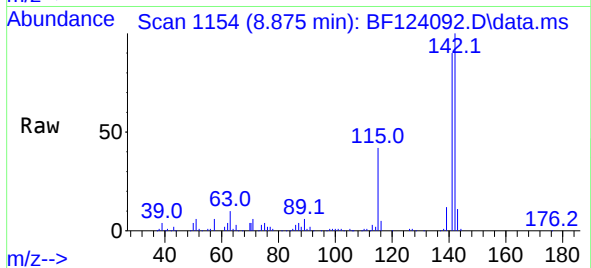




#37
2-Methylnaphthalene
Concen: 19.29 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

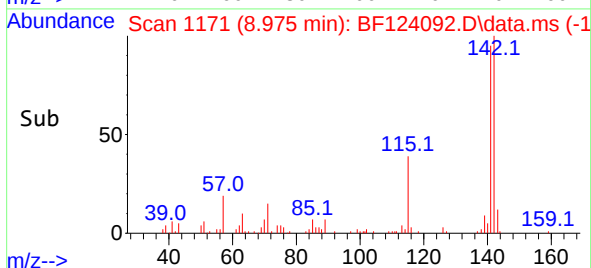
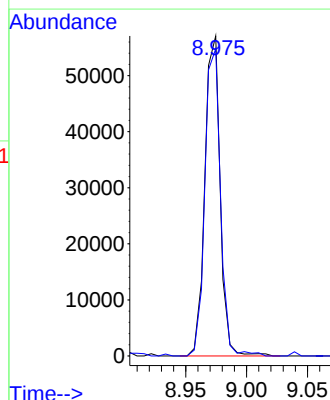
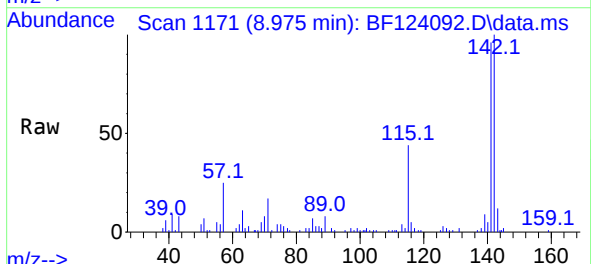
Instrument :
BNA_F
ClientSampleId :
GHOST-3DDL

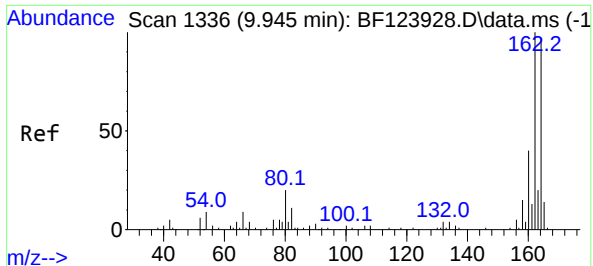
Tgt Ion:142 Resp: 115285
Ion Ratio Lower Upper
142 100
141 90.3 71.8 107.6



#38
1-Methylnaphthalene
Concen: 8.95 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

Tgt Ion:142 Resp: 49878
Ion Ratio Lower Upper
142 100
141 96.0 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: BF124092.D

Acq: 27 May 2021 15:02

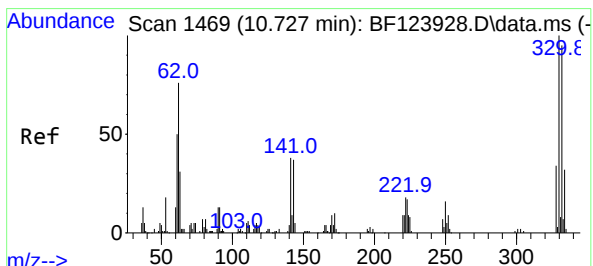
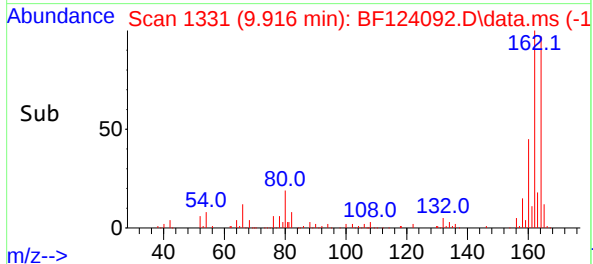
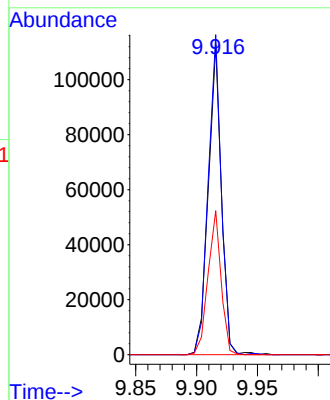
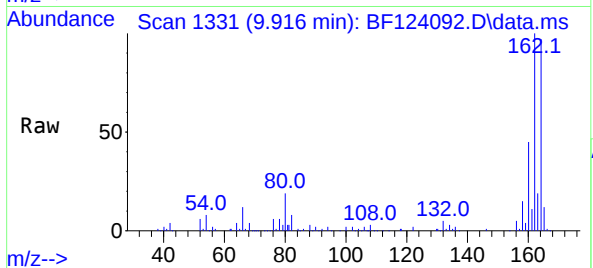
Tgt Ion:164 Resp: 84912

Ion Ratio Lower Upper

164 100

162 103.1 80.7 121.1

160 46.4 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 7.69 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF124092.D

Acq: 27 May 2021 15:02

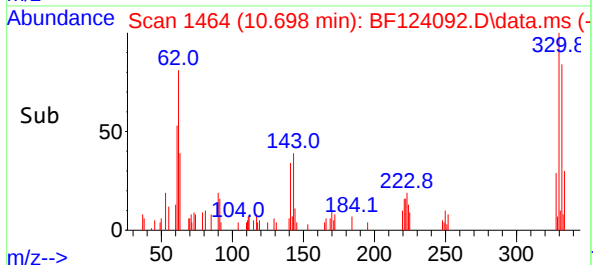
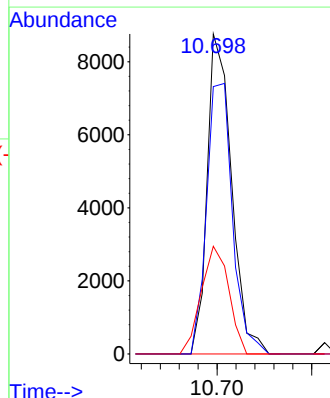
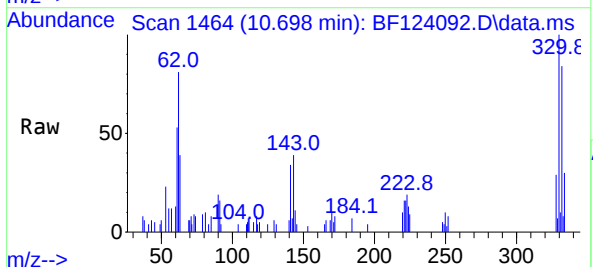
Tgt Ion:330 Resp: 7838

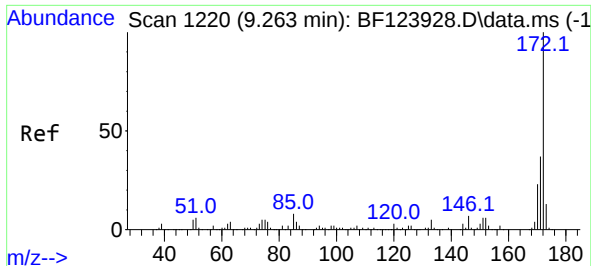
Ion Ratio Lower Upper

330 100

332 90.2 77.1 115.7

141 38.1 27.9 41.9

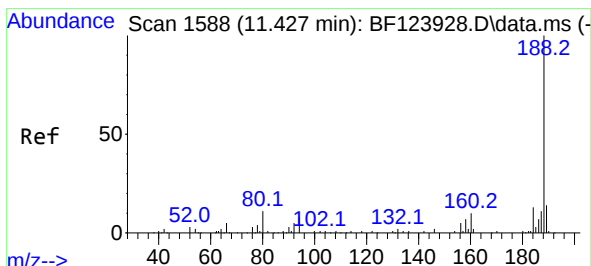
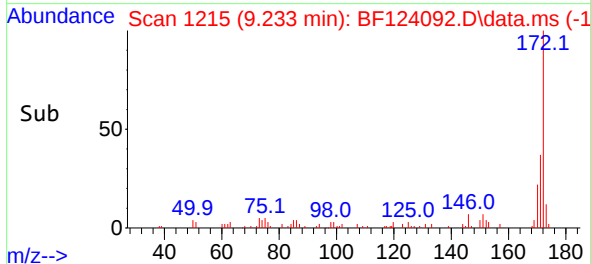
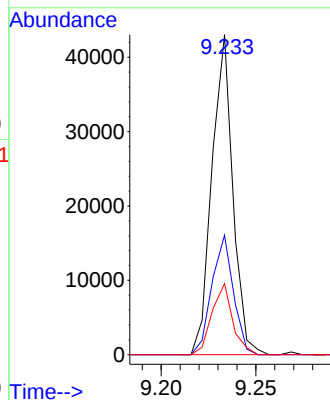
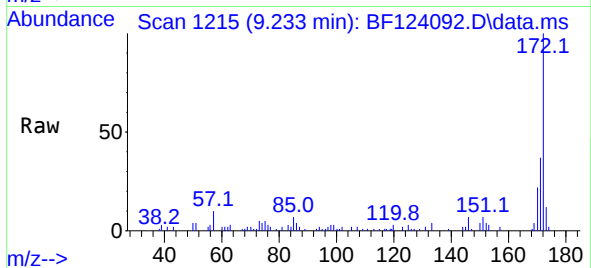




#45
2-Fluorobiphenyl
Concen: 4.79 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

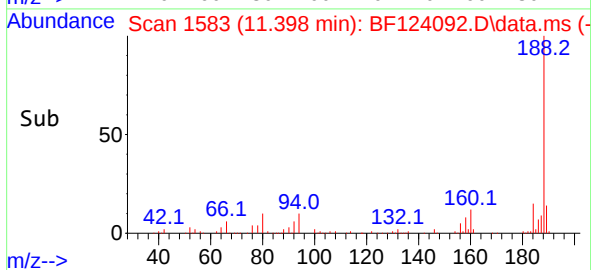
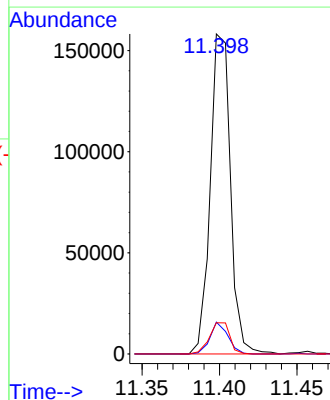
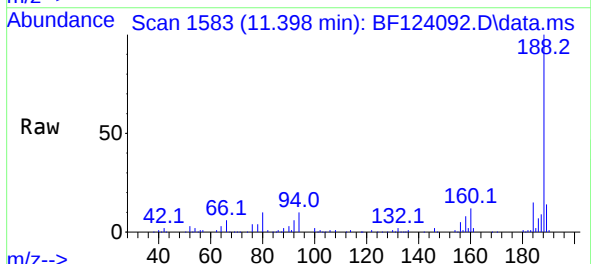
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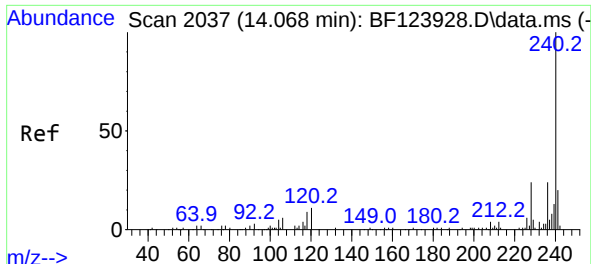
Tgt Ion:172 Resp: 33043
Ion Ratio Lower Upper
172 100
171 37.3 28.1 42.1
170 22.2 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

Tgt Ion:188 Resp: 143515
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 9.8 8.2 12.2

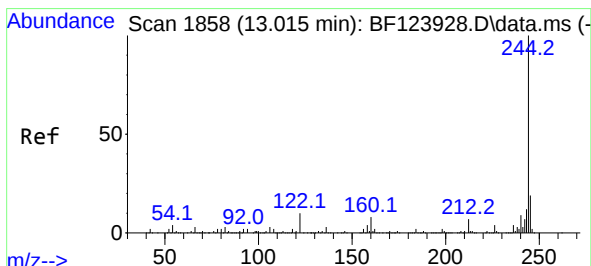
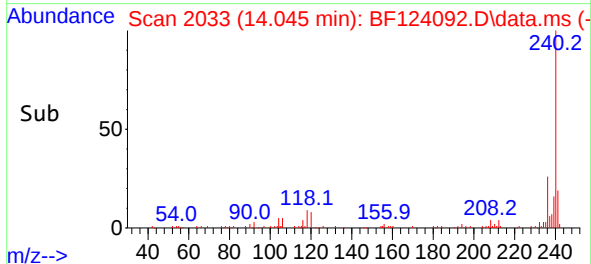
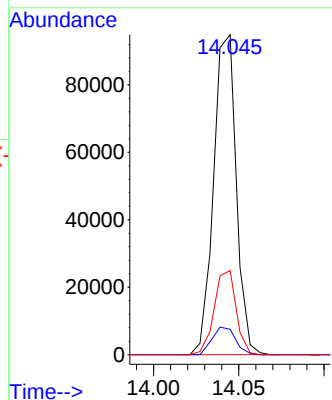
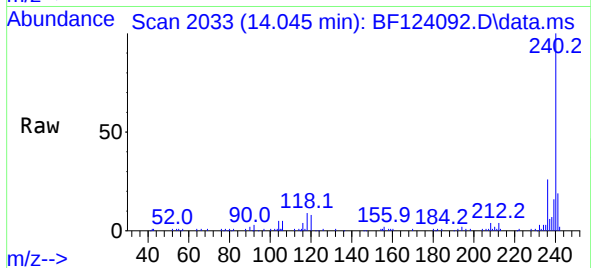




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

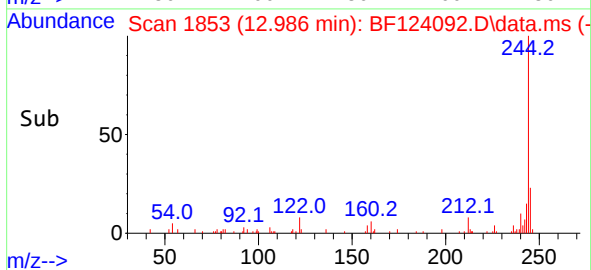
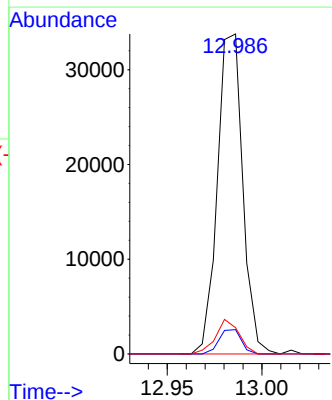
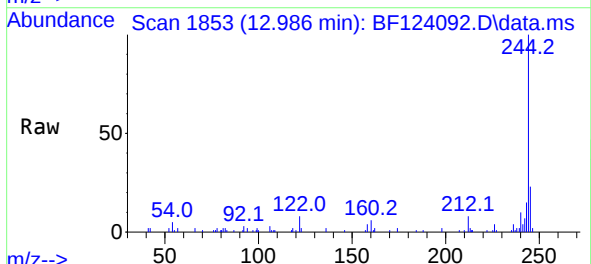
Instrument :
BNA_F
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GHOST-3DDL

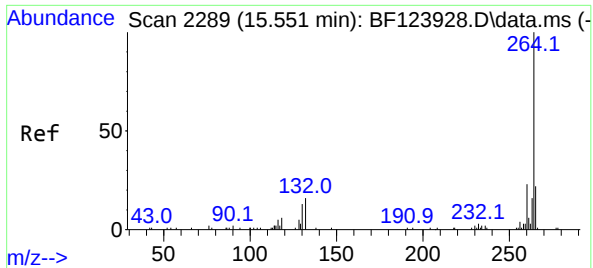
Tgt Ion:240 Resp: 87783
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 26.3 19.0 28.4



#79
Terphenyl-d14
Concen: 5.43 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

Tgt Ion:244 Resp: 31473
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 8.2 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: BF124092.D
 Acq: 27 May 2021 15:02

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-3DDL

Tgt Ion:	264	Resp:	88332
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.9	17.8	26.8

