

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125634.D
 Acq On : 24 Sep 2021 22:23
 Operator : JU/CG
 Sample : M3916-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-4

Quant Time: Sep 25 03:02:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	197876	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	818549	20.00	ng	# 0.00
39) Acenaphthene-d10	9.922	164	418864	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	682767	20.00	ng	0.00
76) Chrysene-d12	14.039	240	358814	20.00	ng	0.00
86) Perylene-d12	15.515	264	421174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	864948	72.02	ng	0.00
7) Phenol-d6	6.504	99	1091550	67.60	ng	0.00
23) Nitrobenzene-d5	7.439	82	649372	55.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	241675	61.88	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1383400	54.55	ng	-0.01
79) Terphenyl-d14	12.986	244	1115437	53.83	ng	0.00

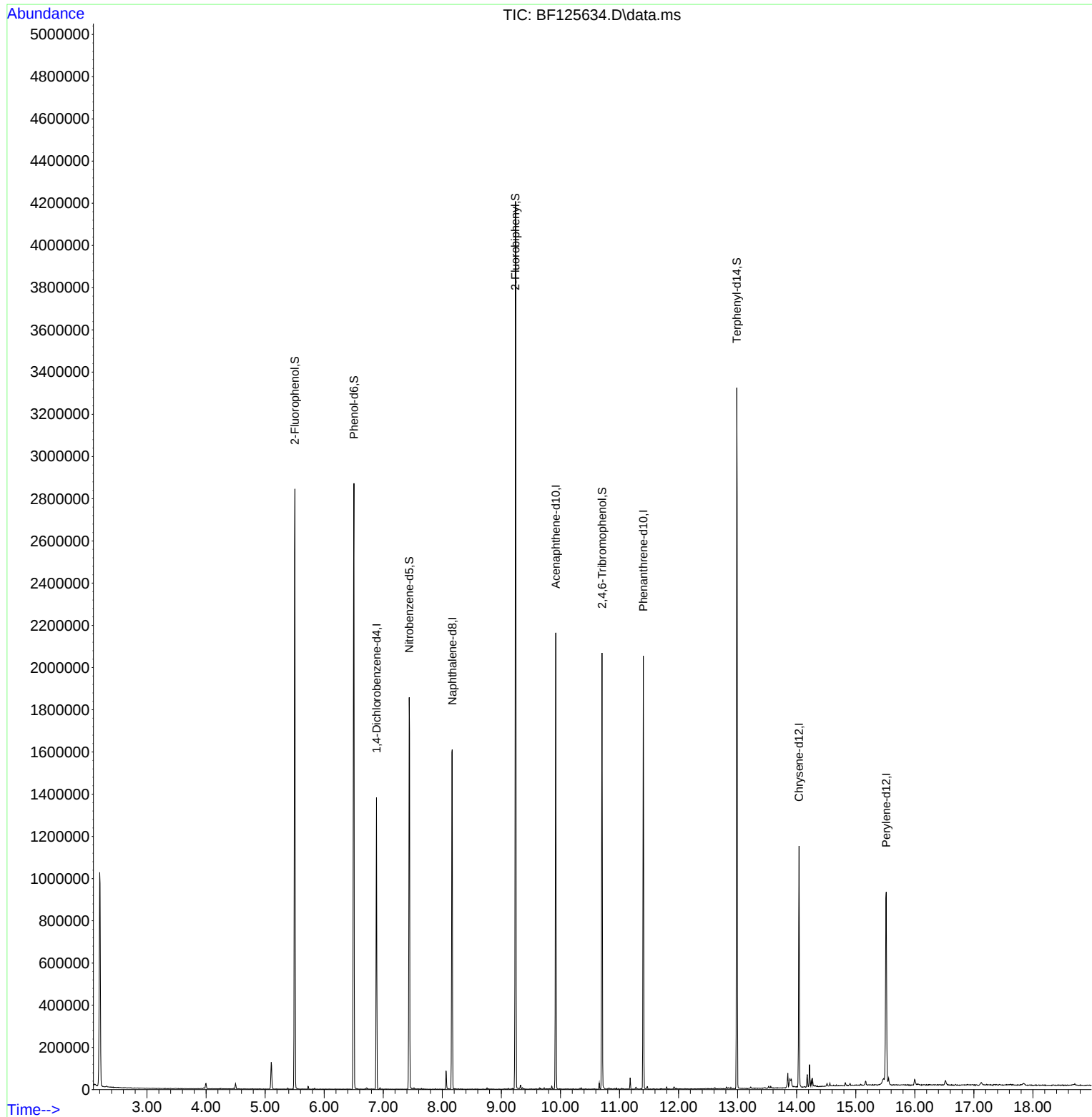
Target Compounds	Qvalue

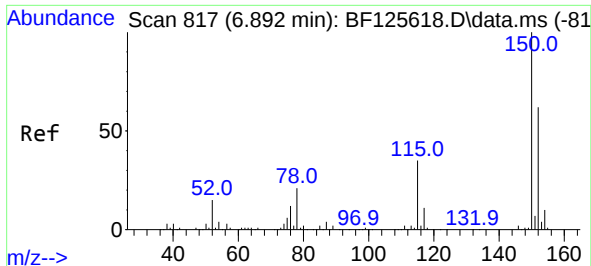
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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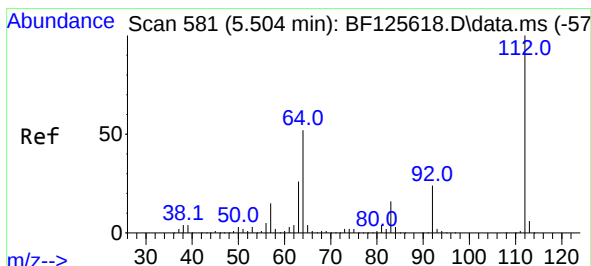
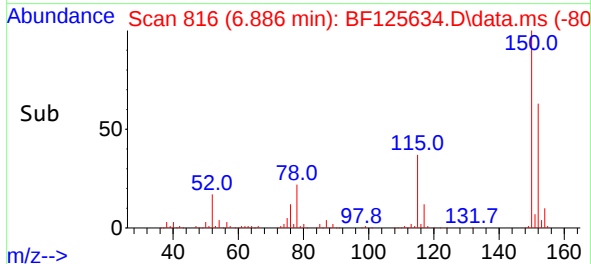
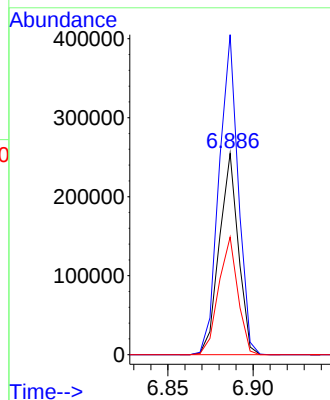
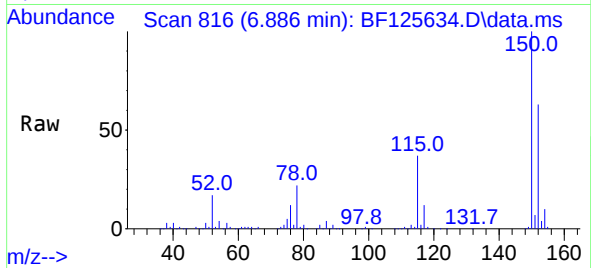




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

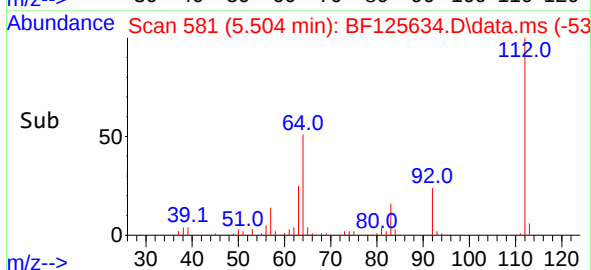
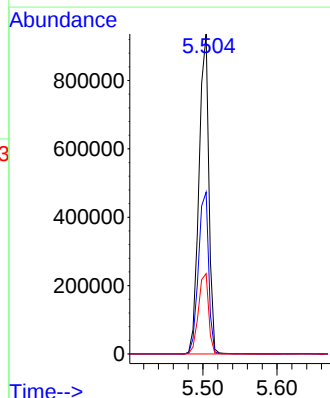
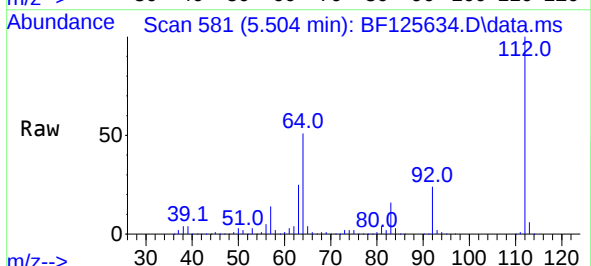
Instrument :
BNA_F
ClientSampleId :
CONC-4

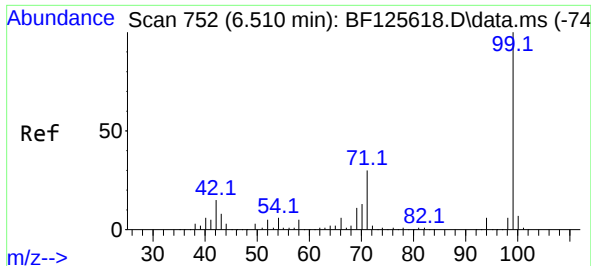
Tgt Ion:152 Resp: 197876
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 58.4 47.1 70.7



#5
2-Fluorophenol
Concen: 72.02 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion:112 Resp: 864948
Ion Ratio Lower Upper
112 100
64 50.6 44.2 66.2
63 25.1 26.2 39.2#

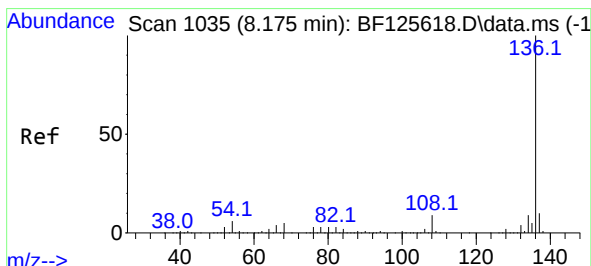
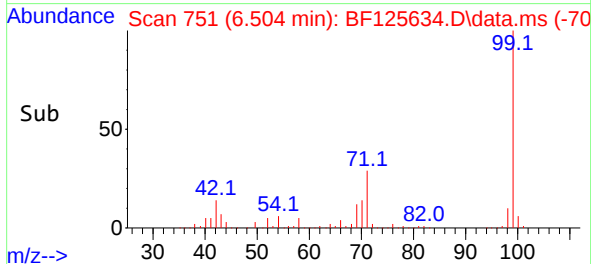
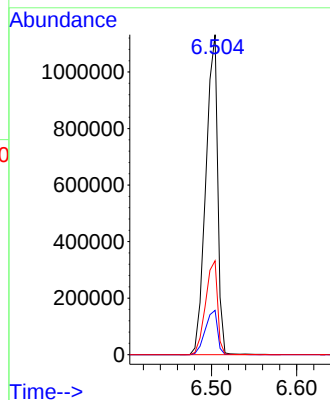
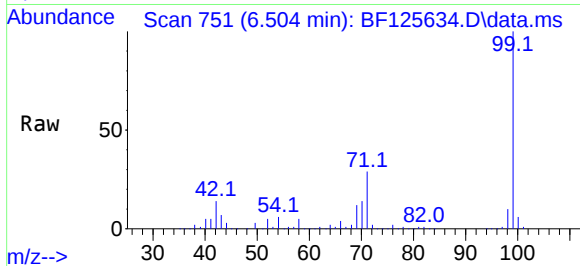




#7
Phenol-d6
Concen: 67.60 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

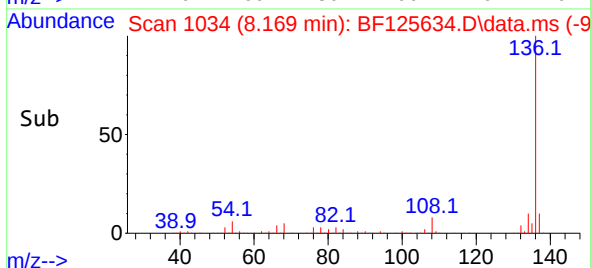
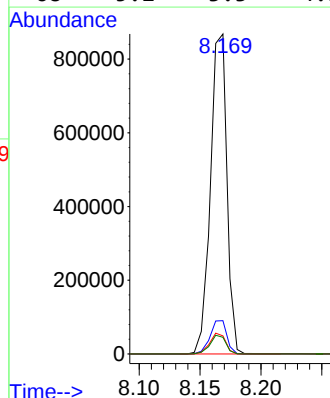
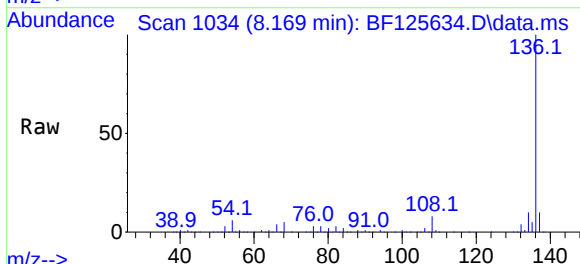
Instrument :
BNA_F
ClientSampleId :
CONC-4

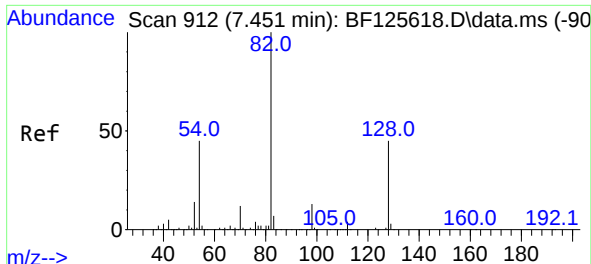
Tgt Ion: 99 Resp: 1091550
Ion Ratio Lower Upper
99 100
42 13.9 23.5 35.3#
71 29.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion: 136 Resp: 818549
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 5.7 6.4 9.6#
68 5.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 55.33 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF125634.D

Acq: 24 Sep 2021 22:23

Instrument :

BNA_F

ClientSampleId :

CONC-4

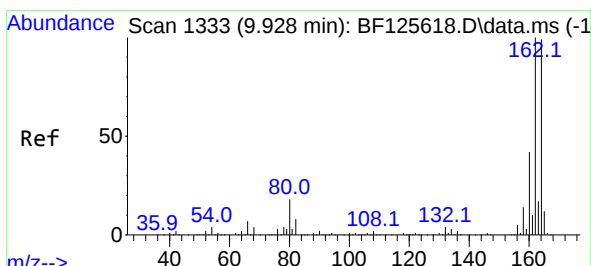
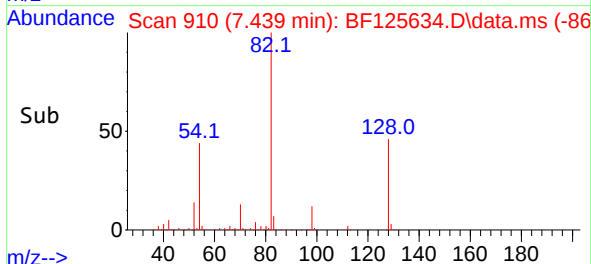
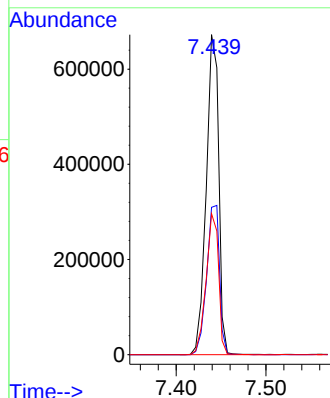
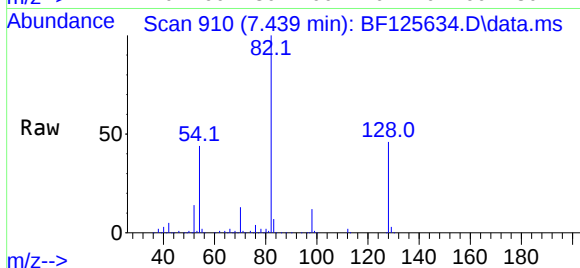
Tgt Ion: 82 Resp: 649372

Ion Ratio Lower Upper

82 100

128 46.1 40.6 60.8

54 44.0 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF125634.D

Acq: 24 Sep 2021 22:23

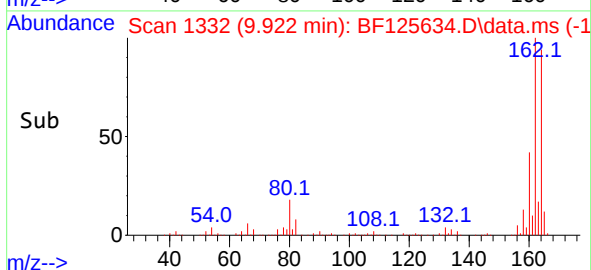
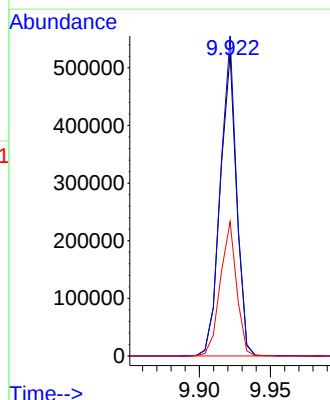
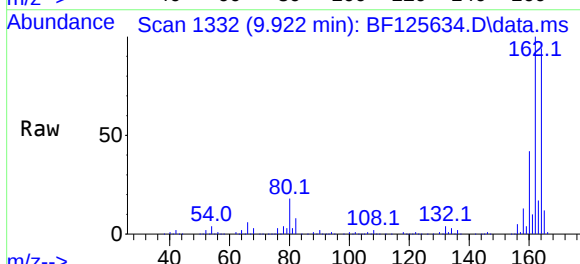
Tgt Ion:164 Resp: 418864

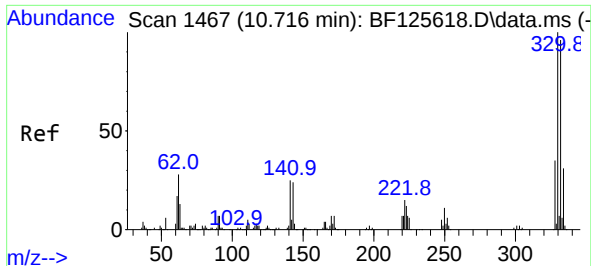
Ion Ratio Lower Upper

164 100

162 106.0 81.3 121.9

160 44.5 38.0 57.0

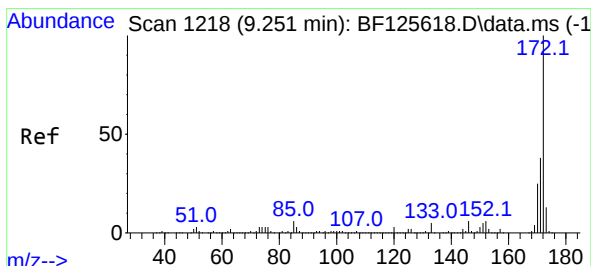
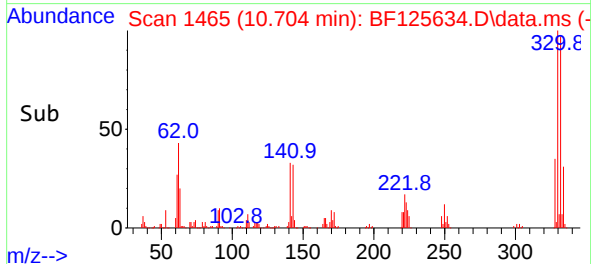
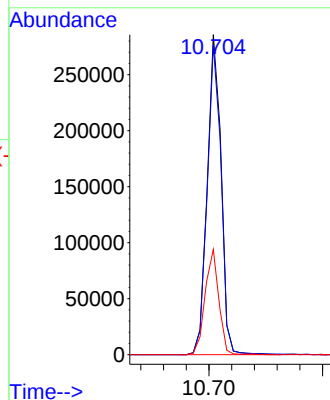
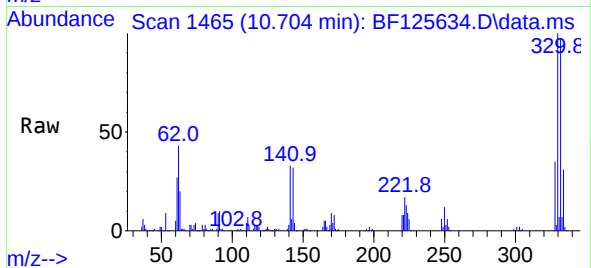




#42
2,4,6-Tribromophenol
Concen: 61.88 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

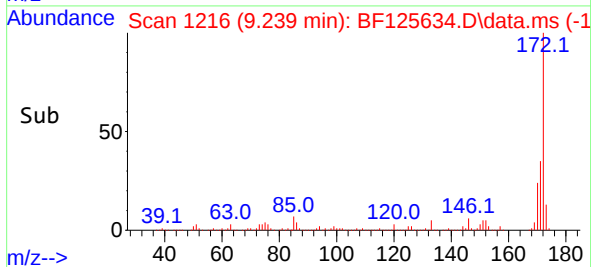
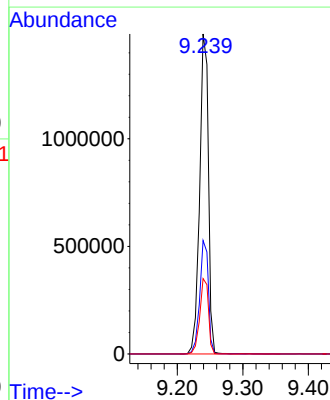
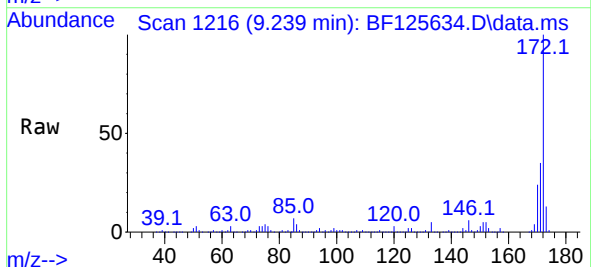
Instrument :
BNA_F
ClientSampleId :
CONC-4

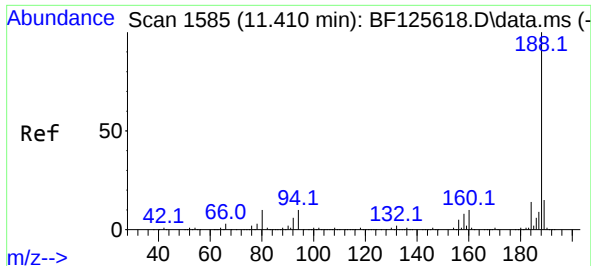
Tgt Ion: 330 Resp: 241675
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 32.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 54.55 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion: 172 Resp: 1383400
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.5 18.8 28.2

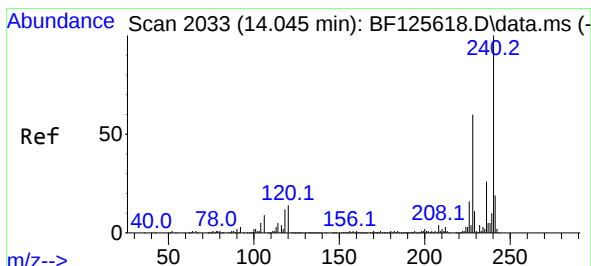
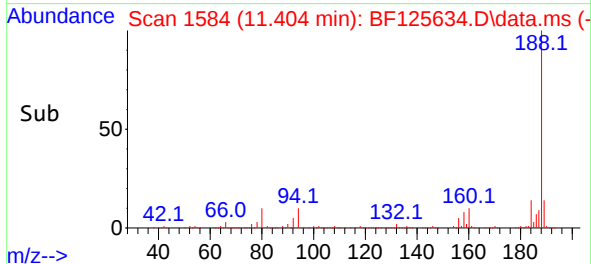
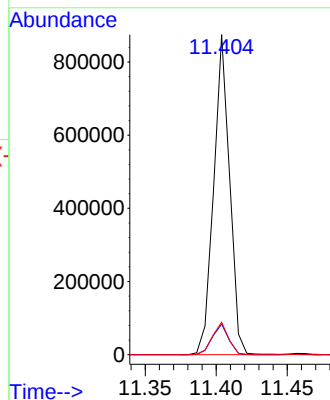
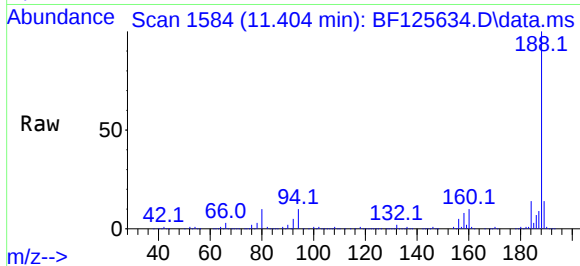




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

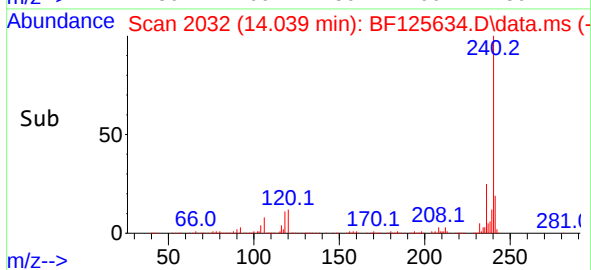
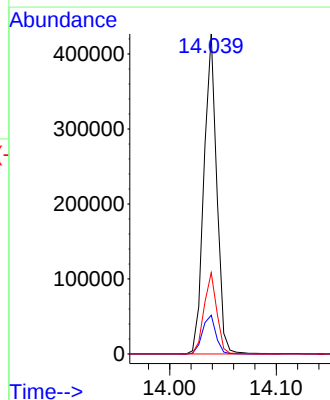
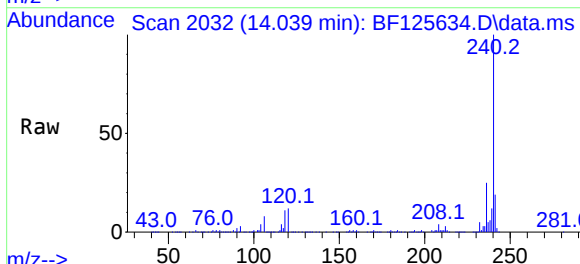
Instrument :
BNA_F
ClientSampleId :
CONC-4

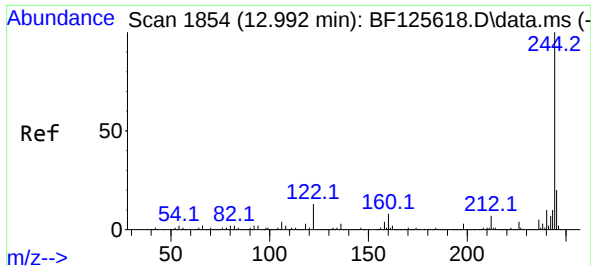
Tgt Ion:188 Resp: 682767
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 10.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion:240 Resp: 358814
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 25.4 21.6 32.4

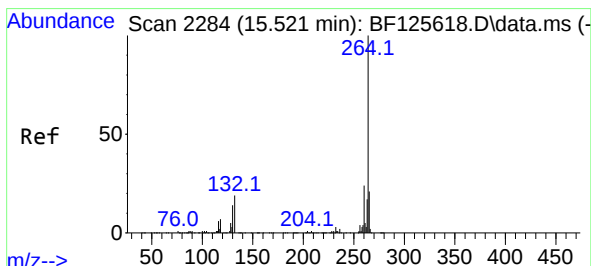
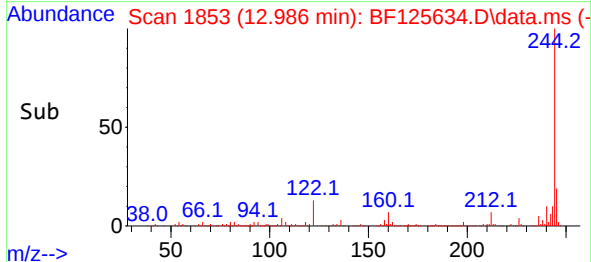
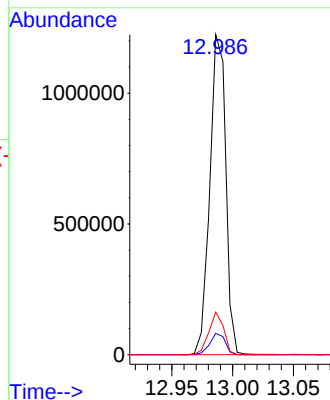
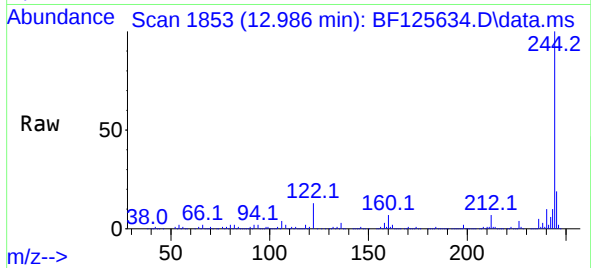




#79
Terphenyl-d14
Concen: 53.83 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Instrument :
BNA_F
ClientSampleId :
CONC-4

Tgt Ion:244 Resp: 1115437
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 13.3 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion:264 Resp: 421174
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 20.9 17.2 25.8

