

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125936.D
 Acq On : 26 Oct 2021 16:07
 Operator : JU/CG
 Sample : PB140243BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140243BL

Quant Time: Oct 26 17:10:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	188165	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	781835	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	448185	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	848762	20.000	ng	0.00
76) Chrysene-d12	14.027	240	636525	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	476354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1487428	117.746	ng	0.01
7) Phenol-d6	6.492	99	1872460	108.069	ng	0.00
23) Nitrobenzene-d5	7.428	82	1317922	87.071	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	518015	132.586	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2054030	81.047	ng	0.00
79) Terphenyl-d14	12.986	244	2516567	64.670	ng	0.00

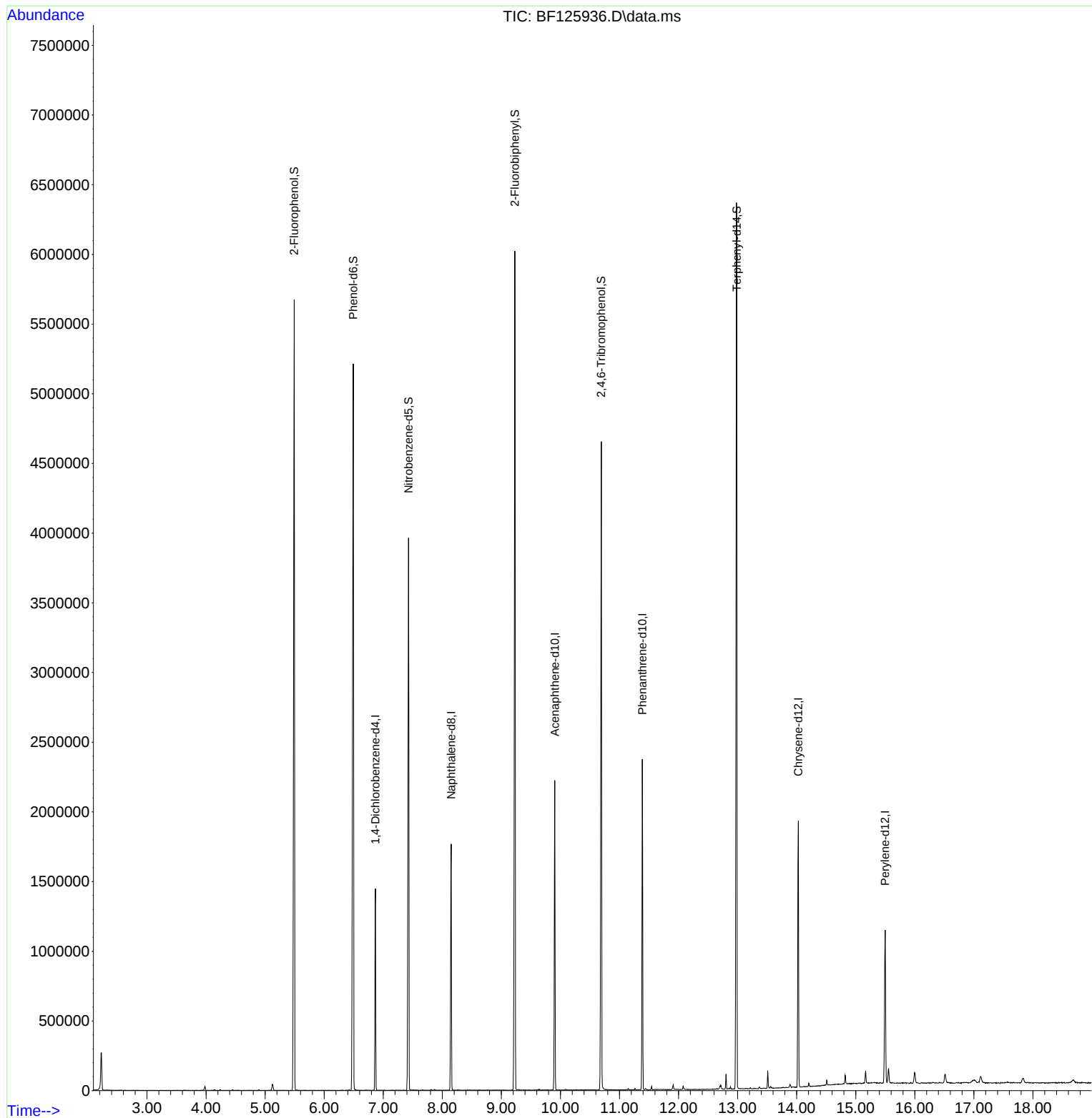
Target Compounds	Qvalue

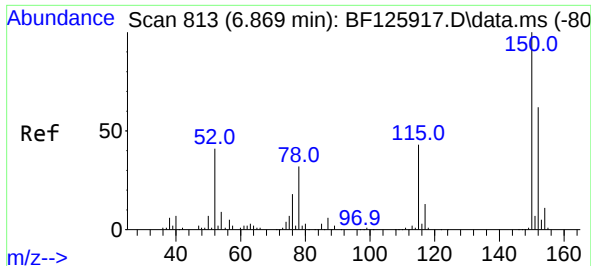
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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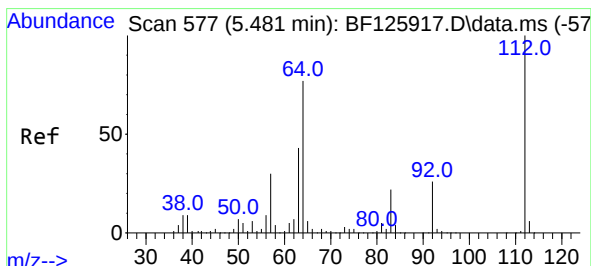
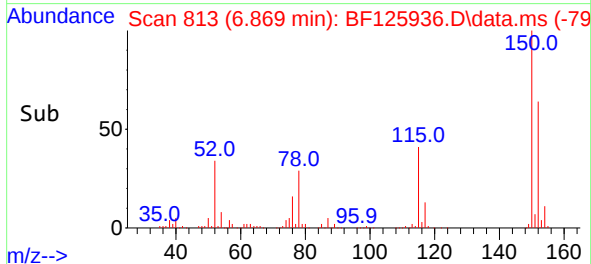
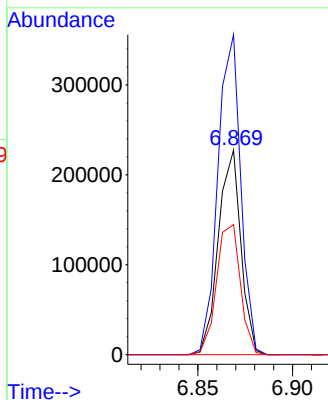
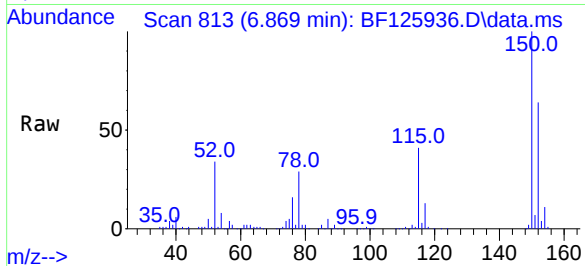




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125936.D
Acq: 26 Oct 2021 16:07

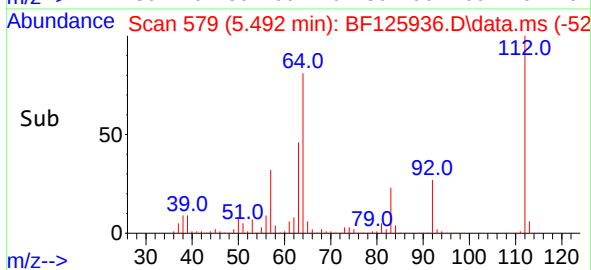
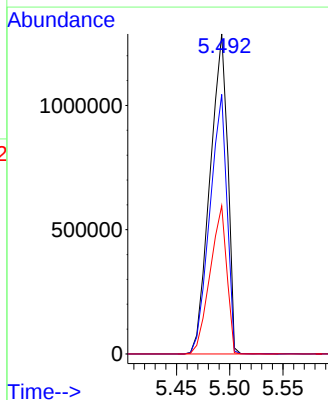
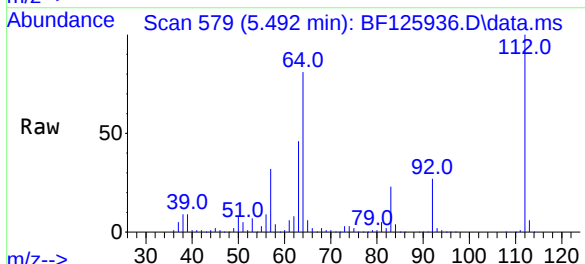
Instrument :
BNA_F
ClientSampleId :
PB140243BL

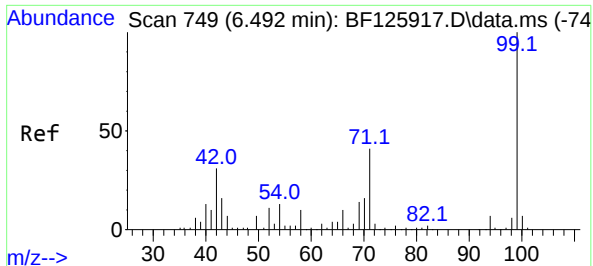
Tgt Ion:152 Resp: 188165
Ion Ratio Lower Upper
152 100
150 156.4 117.6 176.4
115 63.6 47.1 70.7



#5
2-Fluorophenol
Concen: 117.746 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF125936.D
Acq: 26 Oct 2021 16:07

Tgt Ion:112 Resp: 1487428
Ion Ratio Lower Upper
112 100
64 81.1 44.2 66.2#
63 46.3 26.2 39.2#



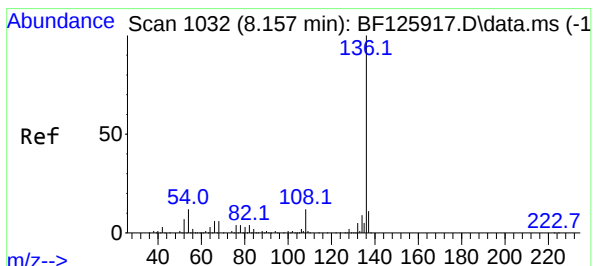
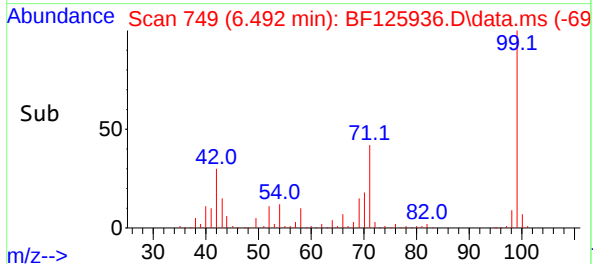
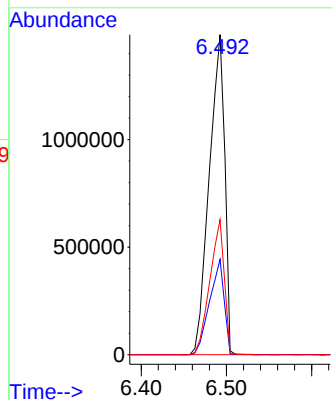
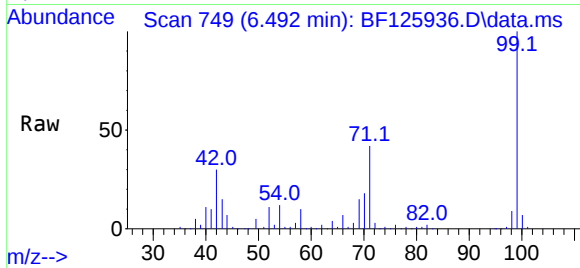


#7
Phenol-d6
Concen: 108.069 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF125936.D
Acq: 26 Oct 2021 16:07

Instrument :
BNA_F
ClientSampleId :
PB140243BL

Tgt Ion: 99 Resp: 1872460

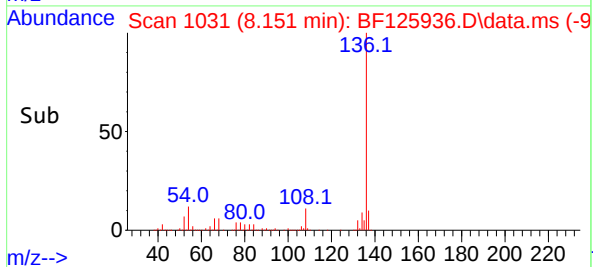
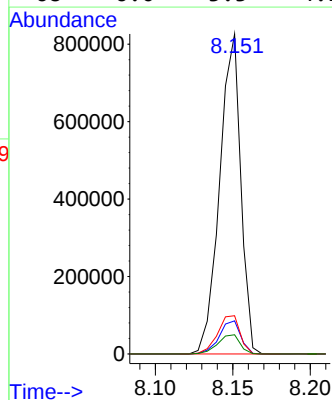
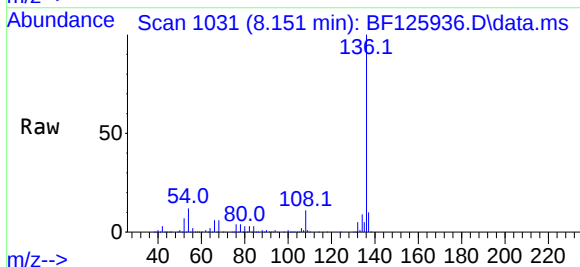
Ion	Ratio	Lower	Upper
99	100		
42	29.8	23.5	35.3
71	42.2	25.6	38.4#

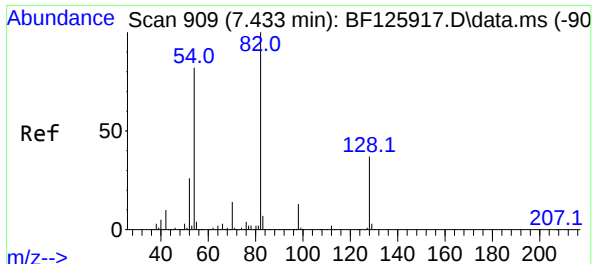


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125936.D
Acq: 26 Oct 2021 16:07

Tgt Ion: 136 Resp: 781835

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.8	14.6
54	12.0	6.4	9.6#
68	6.0	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 87.071 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF125936.D

Acq: 26 Oct 2021 16:07

Instrument :

BNA_F

ClientSampleId :

PB140243BL

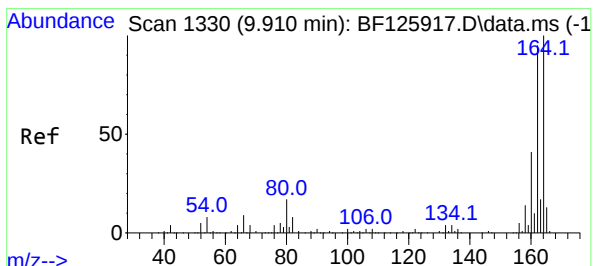
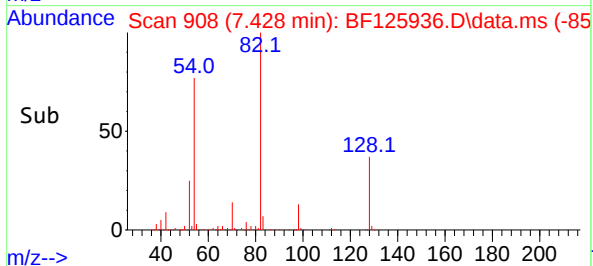
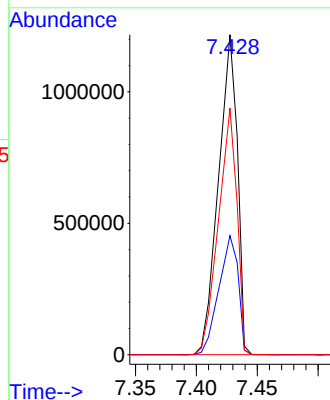
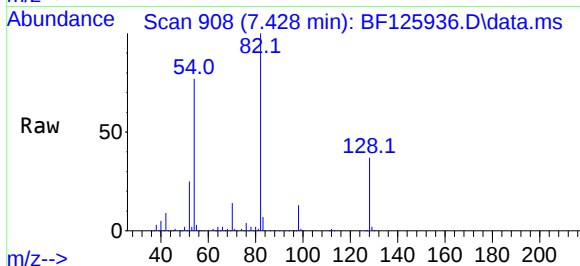
Tgt Ion: 82 Resp: 1317922

Ion Ratio Lower Upper

82 100

128 37.2 40.6 60.8#

54 77.0 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF125936.D

Acq: 26 Oct 2021 16:07

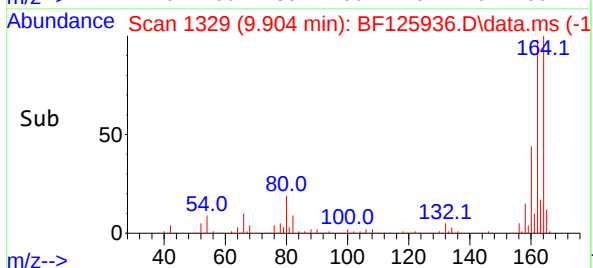
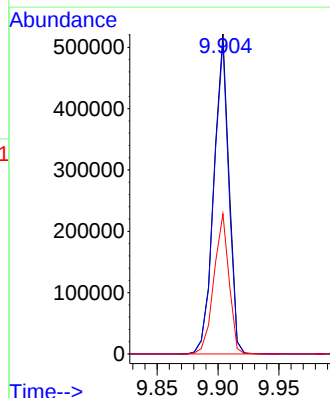
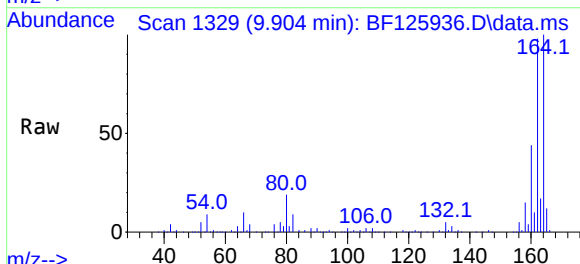
Tgt Ion:164 Resp: 448185

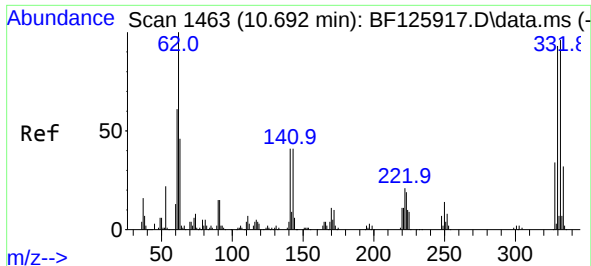
Ion Ratio Lower Upper

164 100

162 97.5 81.3 121.9

160 43.8 38.0 57.0

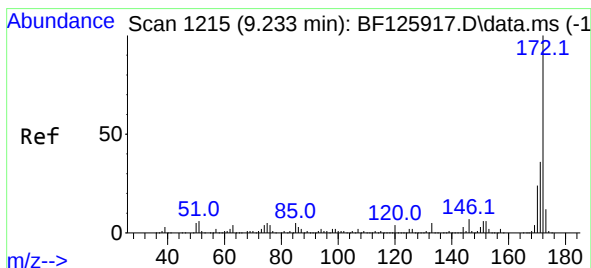
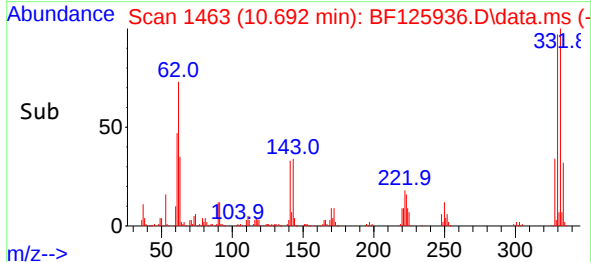
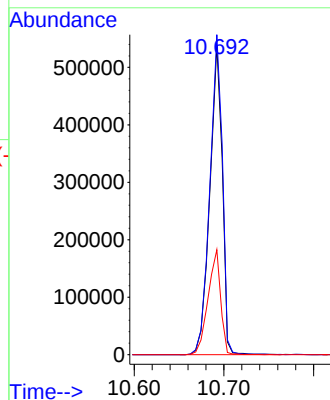
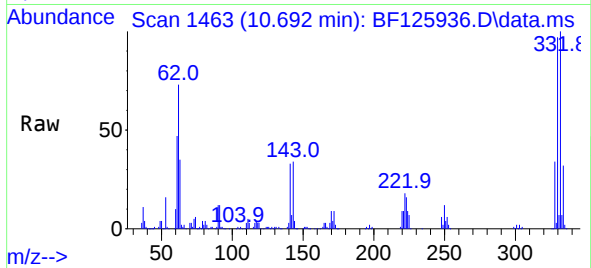




#42
2,4,6-Tribromophenol
Concen: 132.586 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF125936.D
Acq: 26 Oct 2021 16:07

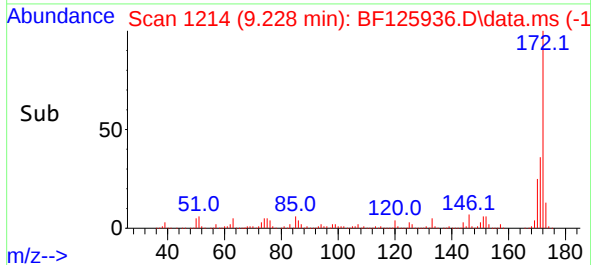
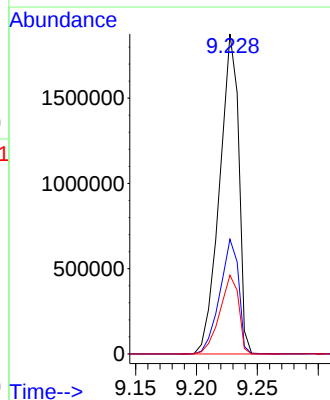
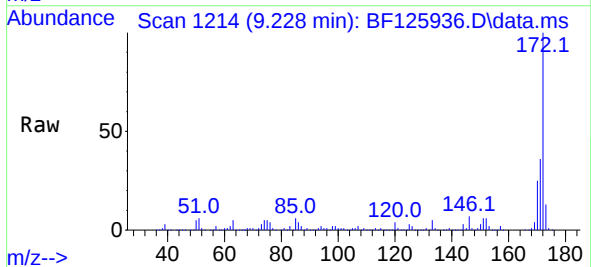
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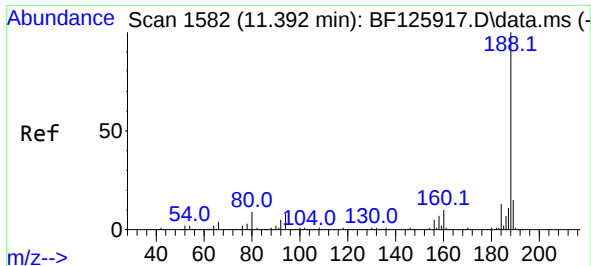
Tgt Ion:330 Resp: 518015
Ion Ratio Lower Upper
330 100
332 104.5 76.2 114.4
141 34.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 81.047 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125936.D
Acq: 26 Oct 2021 16:07

Tgt Ion:172 Resp: 2054030
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.6 18.8 28.2

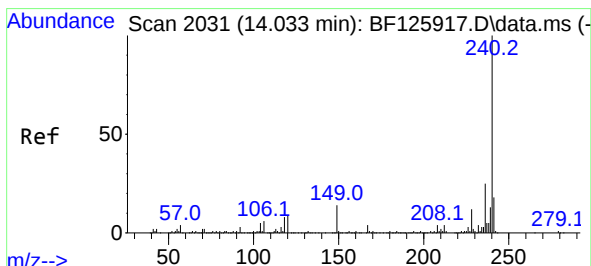
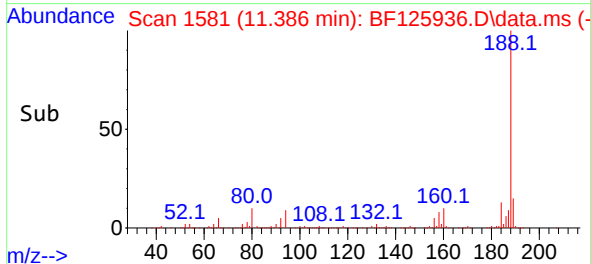
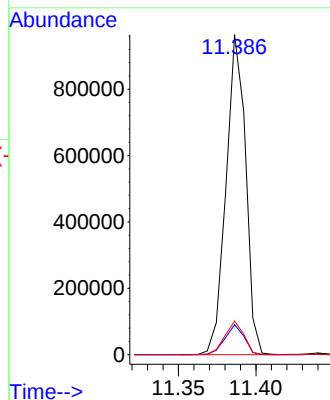
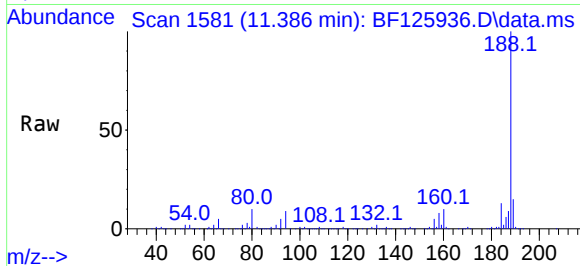




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125936.D
Acq: 26 Oct 2021 16:07

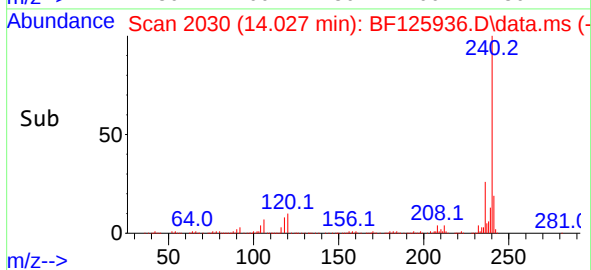
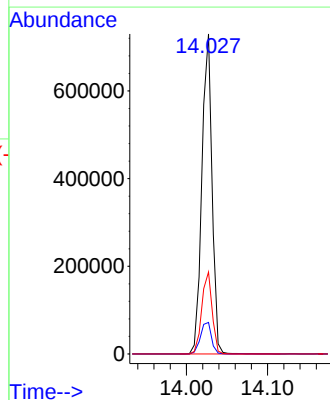
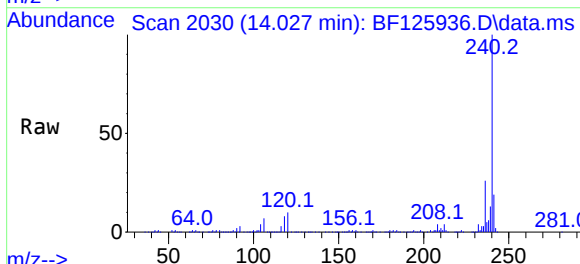
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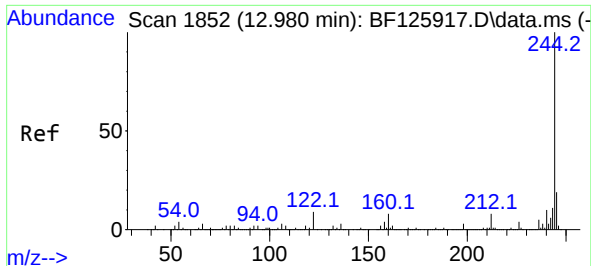
Tgt Ion:188 Resp: 848762
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 10.5 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF125936.D
Acq: 26 Oct 2021 16:07

Tgt Ion:240 Resp: 636525
Ion Ratio Lower Upper
240 100
120 9.8 10.8 16.2#
236 25.6 21.6 32.4

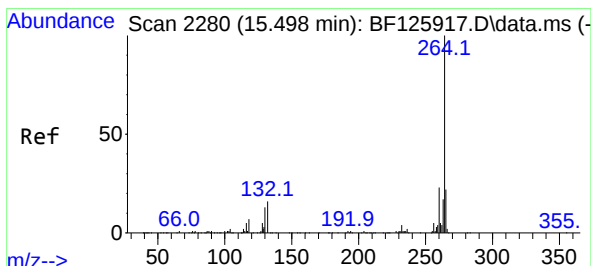
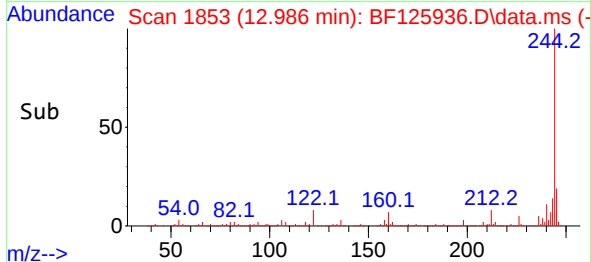
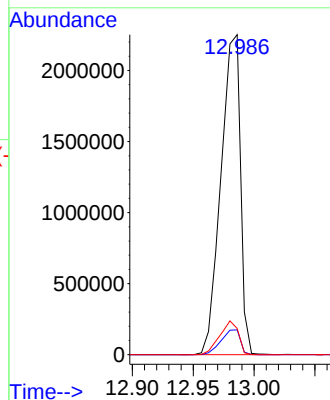
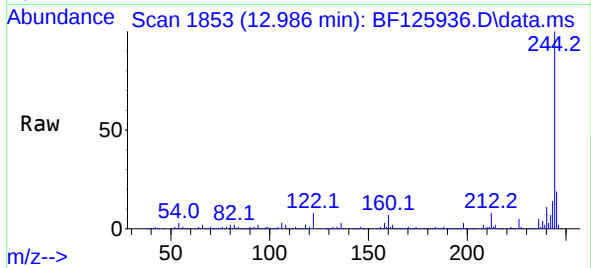




#79
Terphenyl-d14
Concen: 64.670 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF125936.D
Acq: 26 Oct 2021 16:07

Instrument :
BNA_F
ClientSampleId :
PB140243BL

Tgt Ion:244 Resp: 2516567
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 8.2 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF125936.D
Acq: 26 Oct 2021 16:07

Tgt Ion:264 Resp: 476354
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 22.0 17.2 25.8

