

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125932.D
 Acq On : 26 Oct 2021 13:46
 Operator : JU/CG
 Sample : M4325-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RED-BOX-2-1934

Quant Time: Oct 26 14:44:31 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	131741	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	547269	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	305735	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	566979	20.000	ng	0.00
76) Chrysene-d12	14.027	240	434618	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	308389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1412311	159.683	ng	0.00
7) Phenol-d6	6.492	99	1775524	146.363	ng	0.00
23) Nitrobenzene-d5	7.428	82	1236162	116.674	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	468569	175.808	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1835808	106.187	ng	0.00
79) Terphenyl-d14	12.980	244	2162213	81.377	ng	0.00

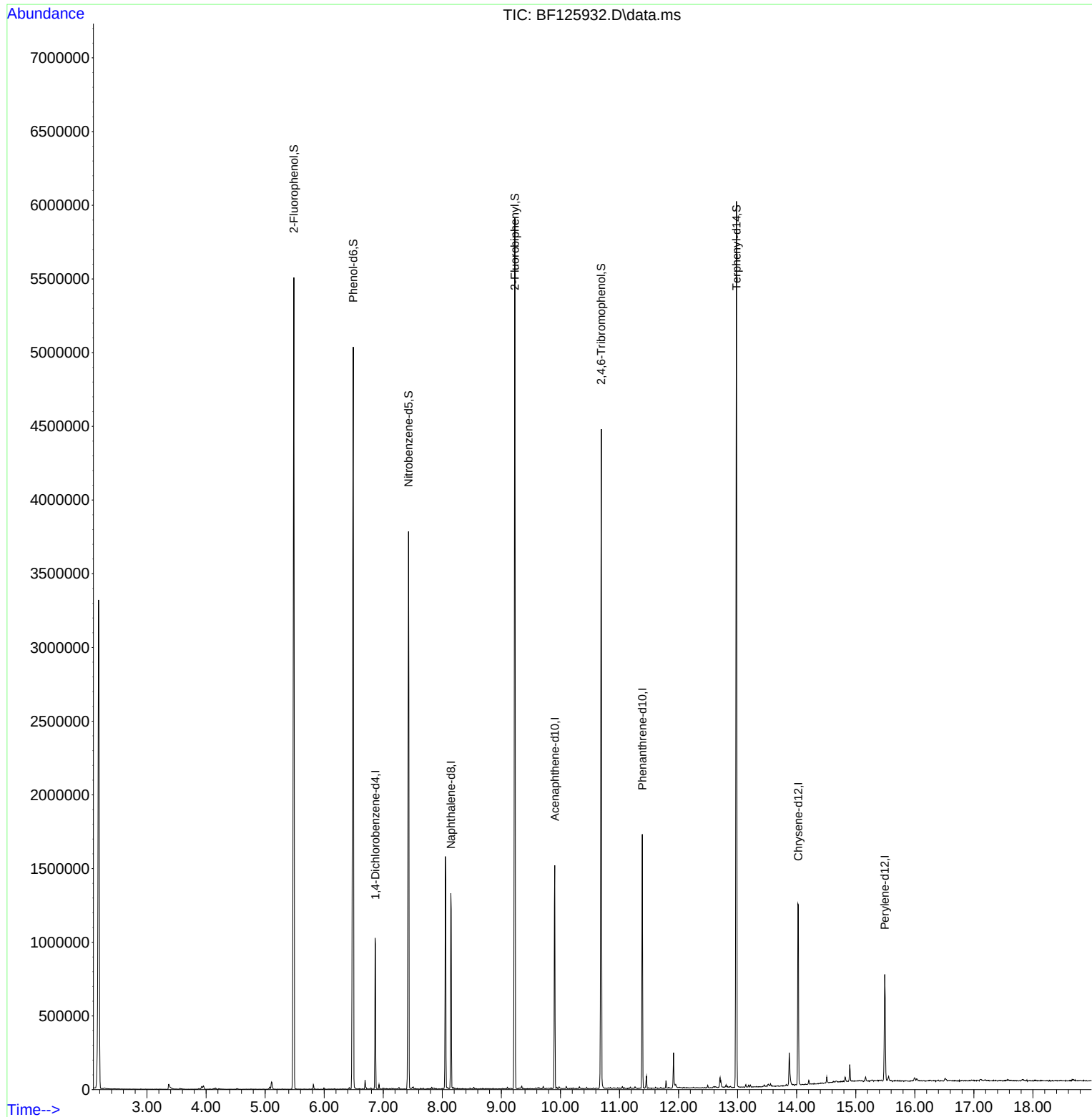
Target Compounds	Qvalue

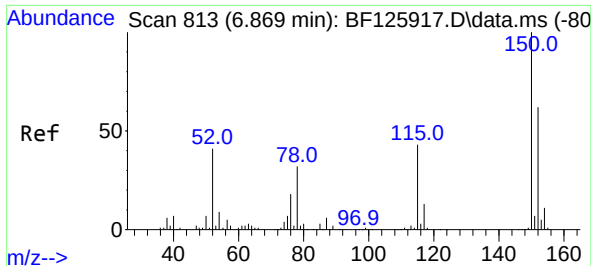
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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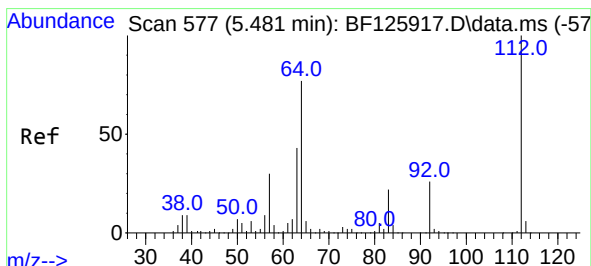
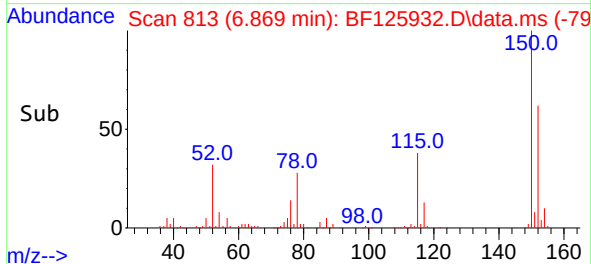
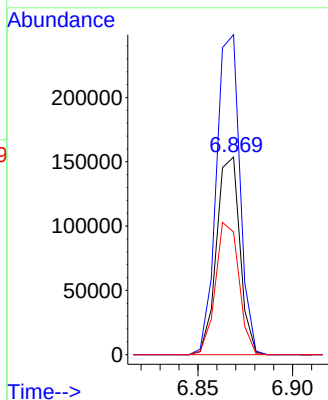
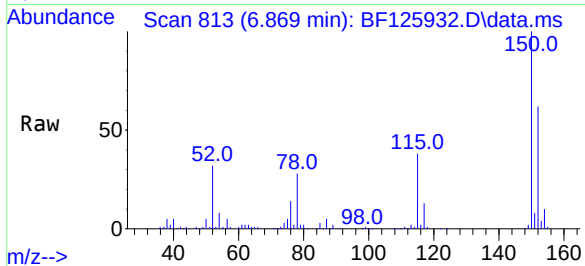




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

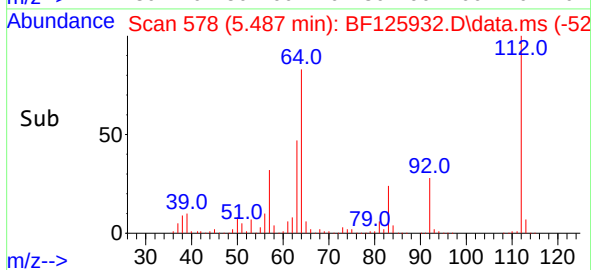
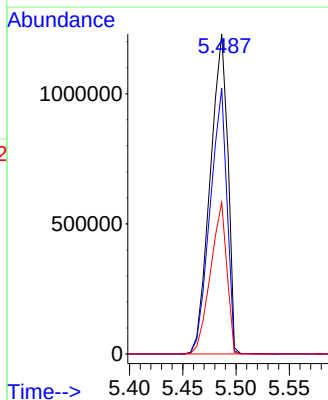
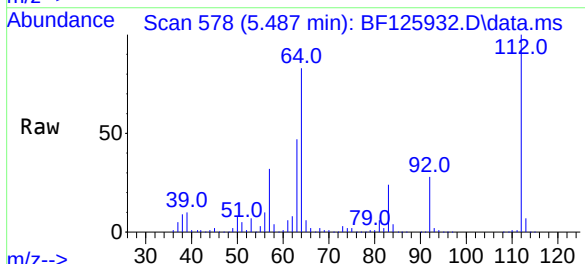
Instrument :
BNA_F
ClientSampleId :
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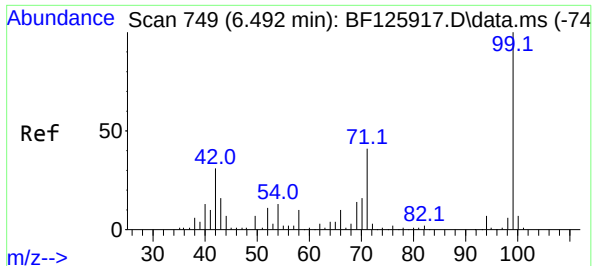
Tgt Ion:152 Resp: 131741
Ion Ratio Lower Upper
152 100
150 161.9 117.6 176.4
115 62.1 47.1 70.7



#5
2-Fluorophenol
Concen: 159.683 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Tgt Ion:112 Resp: 1412311
Ion Ratio Lower Upper
112 100
64 83.0 44.2 66.2#
63 47.4 26.2 39.2#



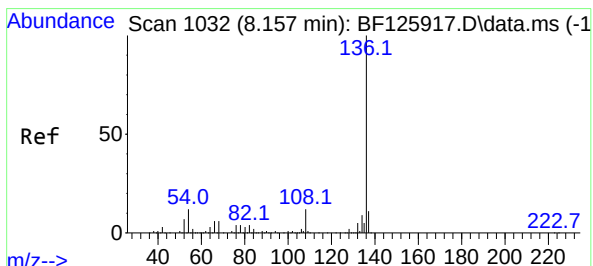
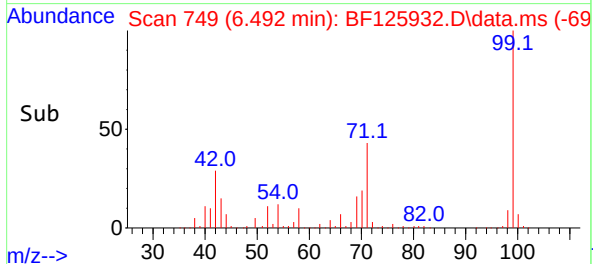
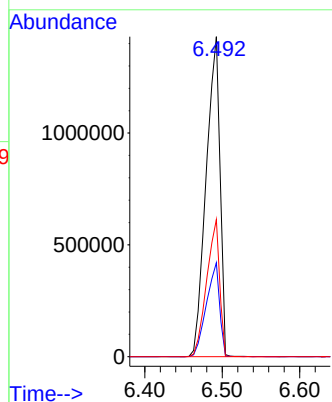
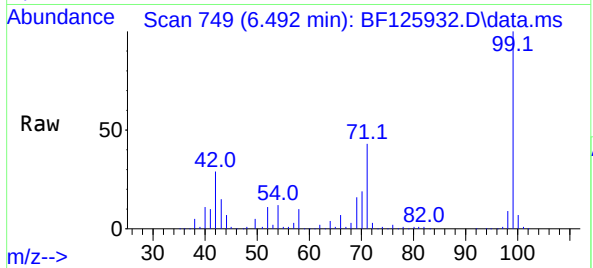


#7
Phenol-d6
Concen: 146.363 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1775524

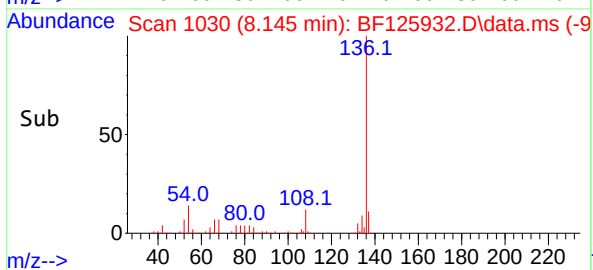
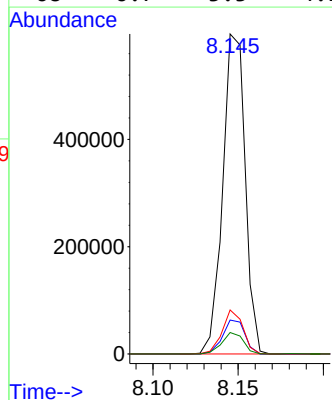
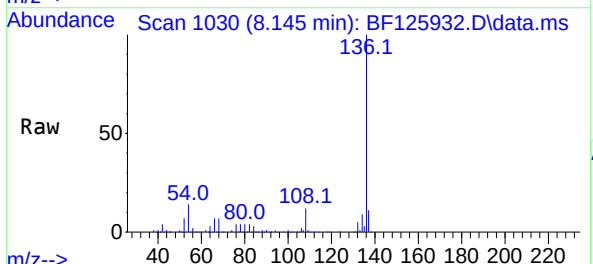
Ion	Ratio	Lower	Upper
99	100		
42	29.4	23.5	35.3
71	42.9	25.6	38.4#

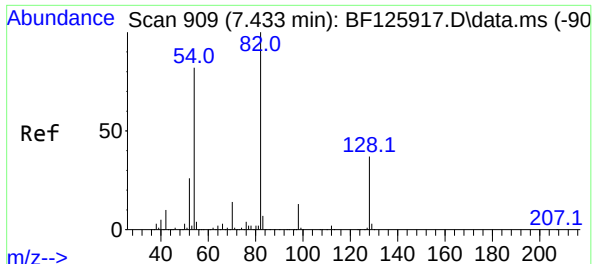


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Tgt Ion:136 Resp: 547269

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	13.7	6.4	9.6#
68	6.7	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 116.674 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF125932.D

Acq: 26 Oct 2021 13:46

Instrument :

BNA_F

ClientSampleId :

RED-BOX-2-1934

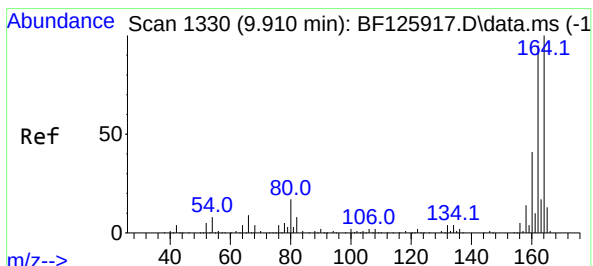
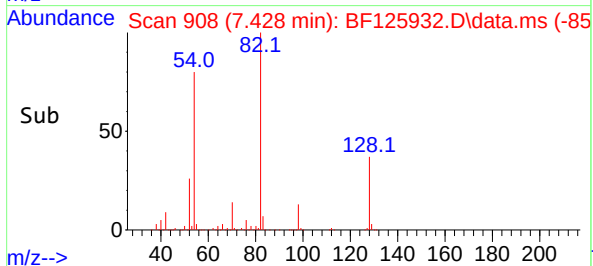
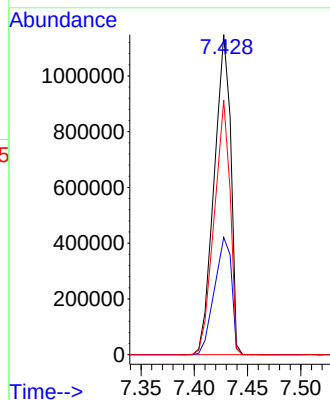
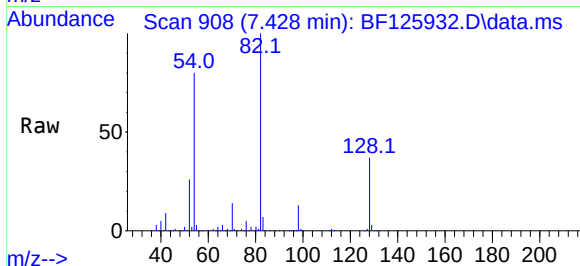
Tgt Ion: 82 Resp: 1236162

Ion Ratio Lower Upper

82 100

128 36.7 40.6 60.8#

54 79.6 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: BF125932.D

Acq: 26 Oct 2021 13:46

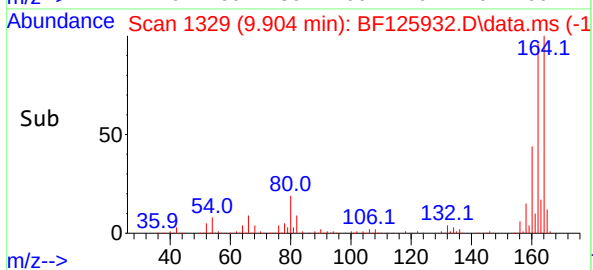
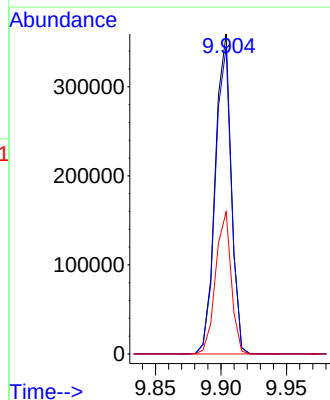
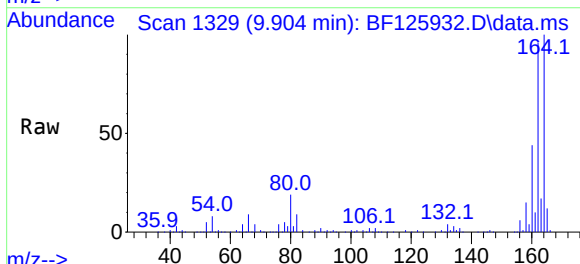
Tgt Ion:164 Resp: 305735

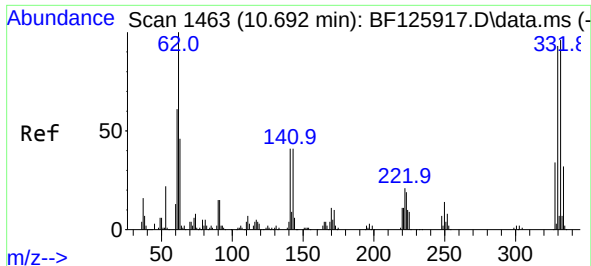
Ion Ratio Lower Upper

164 100

162 95.9 81.3 121.9

160 44.4 38.0 57.0

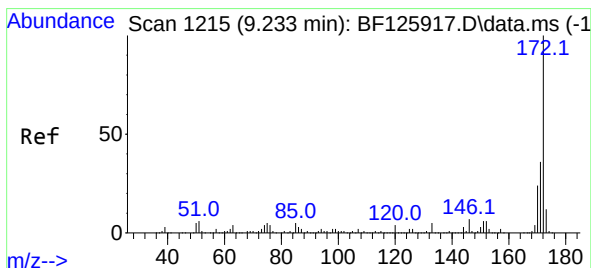
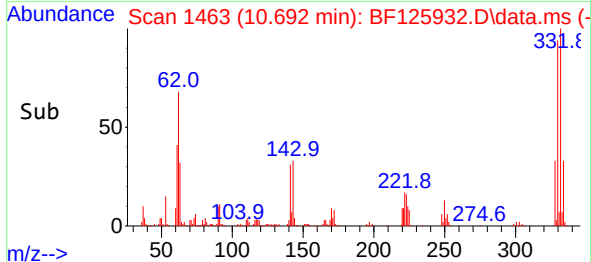
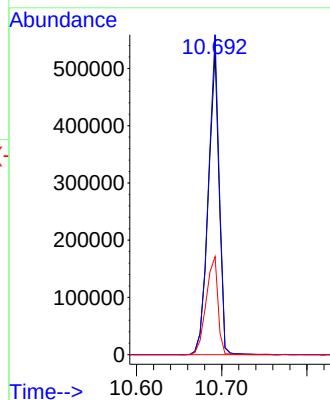
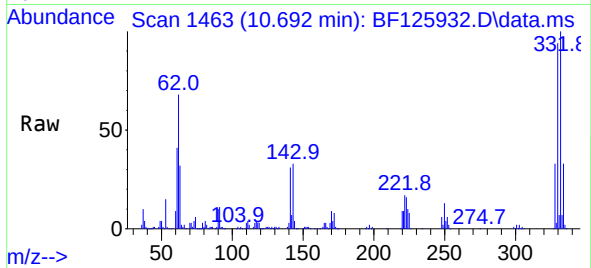




#42
2,4,6-Tribromophenol
Concen: 175.808 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

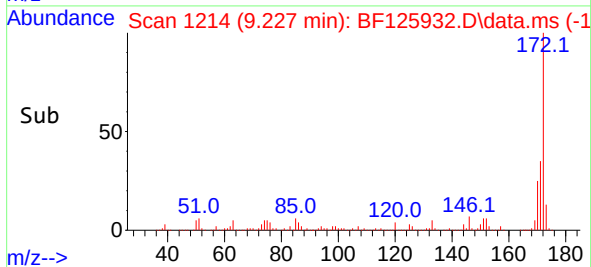
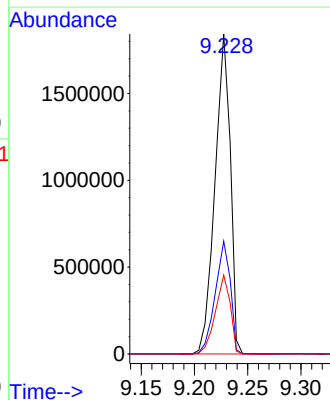
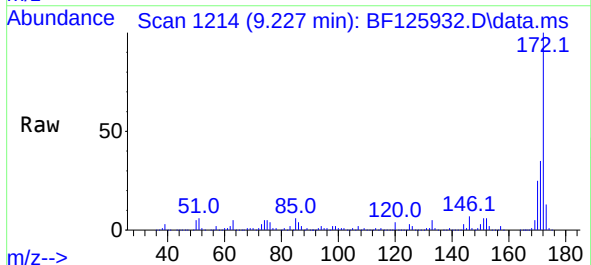
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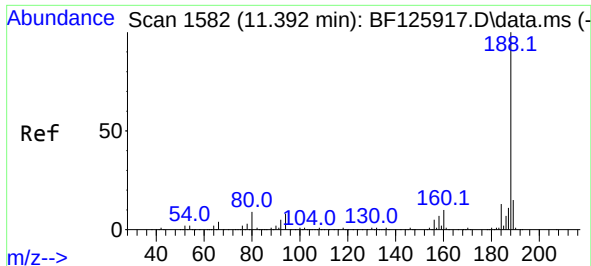
Tgt Ion:330 Resp: 468569
Ion Ratio Lower Upper
330 100
332 104.7 76.2 114.4
141 35.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 106.187 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

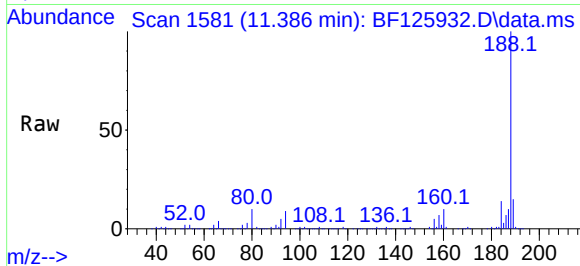
Tgt Ion:172 Resp: 1835808
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 24.6 18.8 28.2



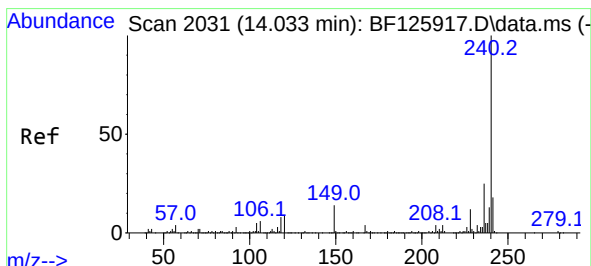
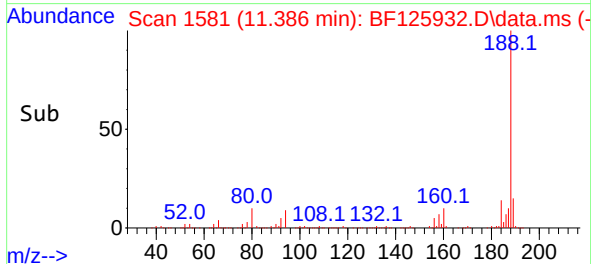
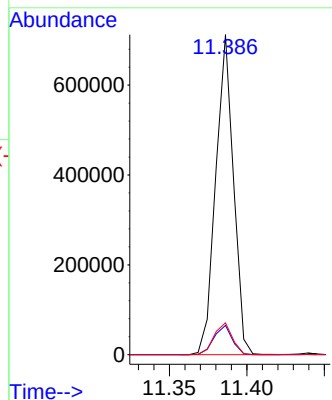


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

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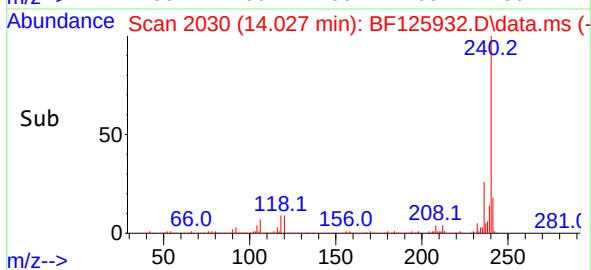
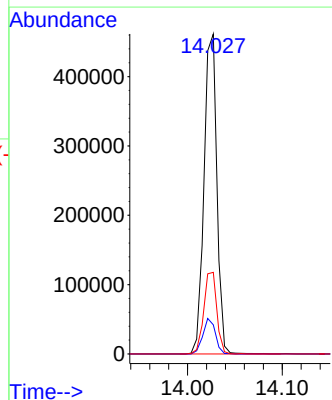
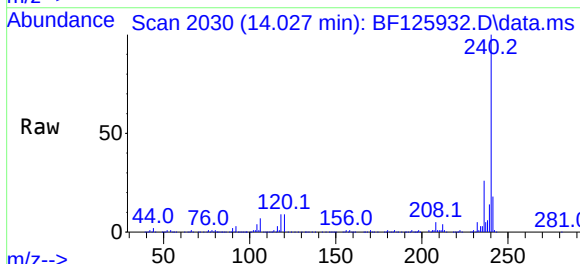


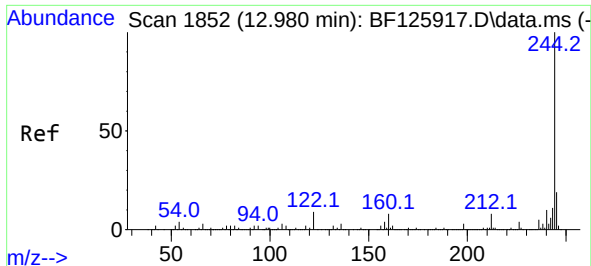
Tgt Ion:188 Resp: 566979
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Tgt Ion:240 Resp: 434618
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 25.5 21.6 32.4

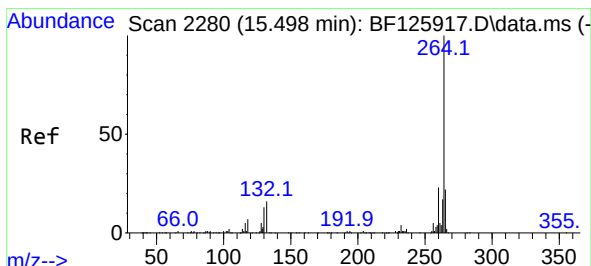
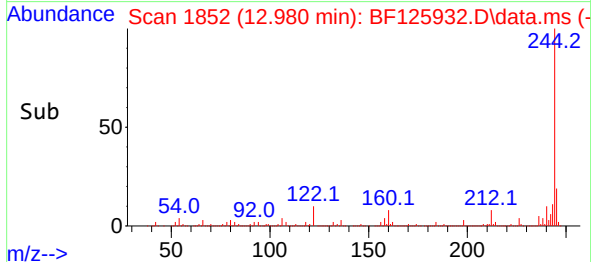
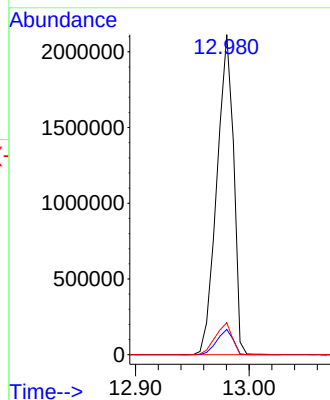
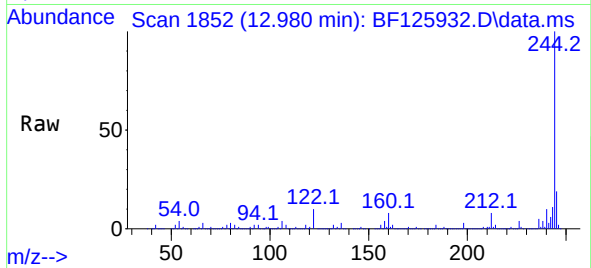




#79
Terphenyl-d14
Concen: 81.377 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 2162213
Ion Ratio Lower Upper
244 100
212 7.9 5.9 8.9
122 10.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF125932.D
Acq: 26 Oct 2021 13:46

Tgt Ion:264 Resp: 308389
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 22.2 17.2 25.8

