

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125804.D
 Acq On : 12 Oct 2021 16:23
 Operator : JU/CG
 Sample : M4159-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T10-COMP-(1-4)

Quant Time: Oct 13 09:43:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

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

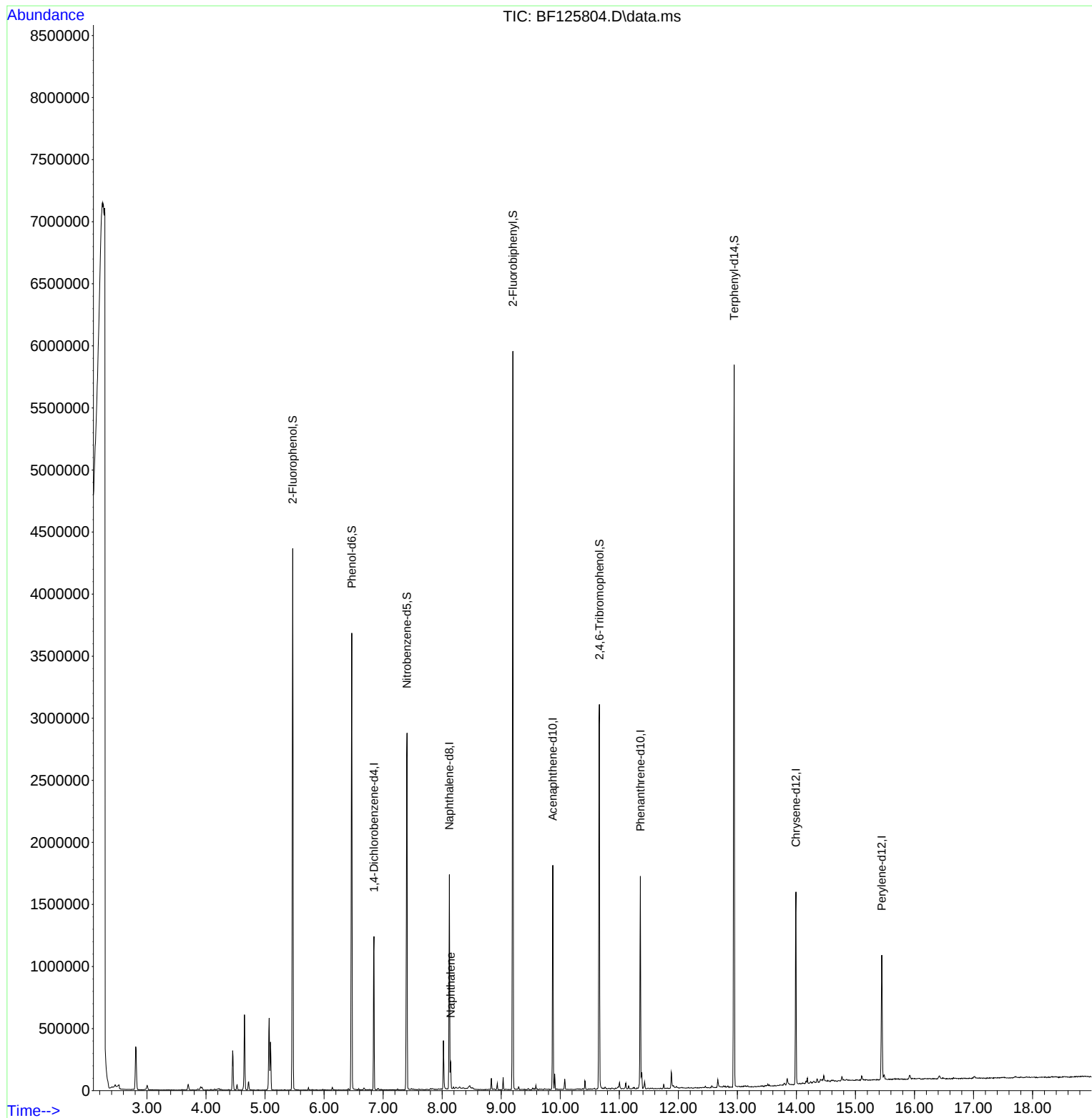
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	189907	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	712648	20.00	ng	# 0.00
39) Acenaphthene-d10	9.874	164	335849	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	573752	20.00	ng	# 0.00
76) Chrysene-d12	13.992	240	517460	20.00	ng	0.00
86) Perylene-d12	15.445	264	424713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1345720	115.76	ng	0.01
7) Phenol-d6	6.469	99	1353336	90.43	ng	0.00
23) Nitrobenzene-d5	7.404	82	1007320	87.86	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	422640	127.46	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1795138	92.19	ng	0.00
79) Terphenyl-d14	12.945	244	2023443	59.56	ng	0.00
Target Compounds						
31) Naphthalene	8.145	128	94906	2.75	ng	Qvalue 97

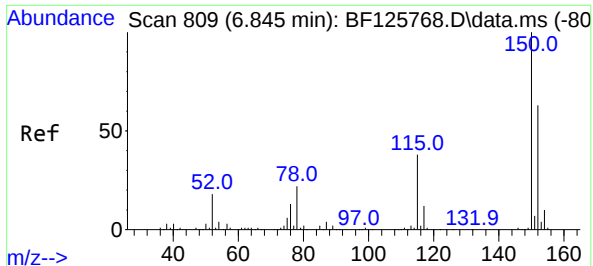
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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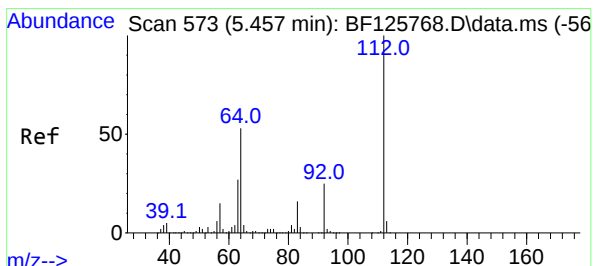
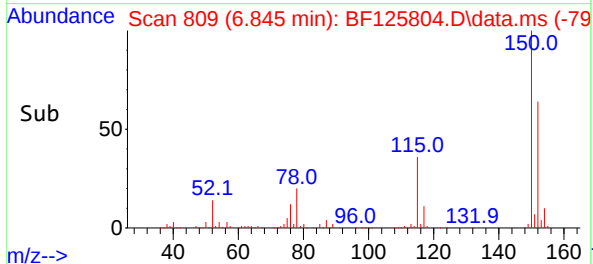
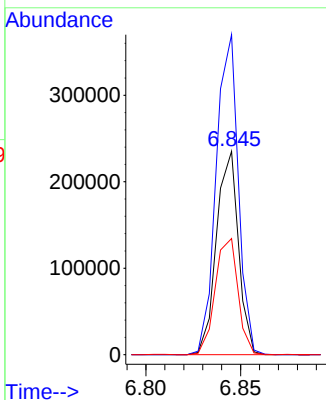
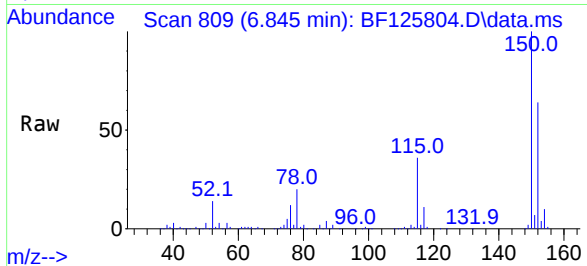




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

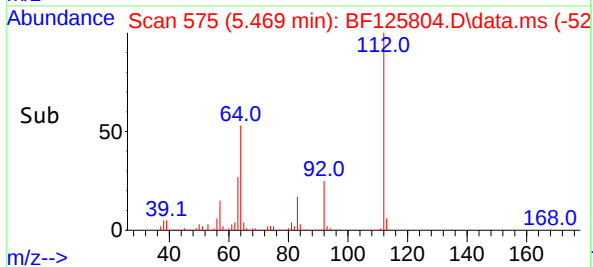
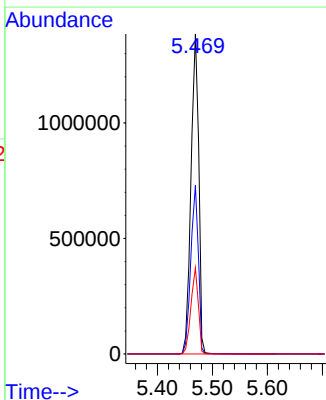
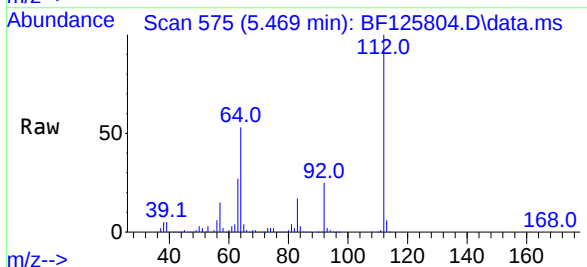
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

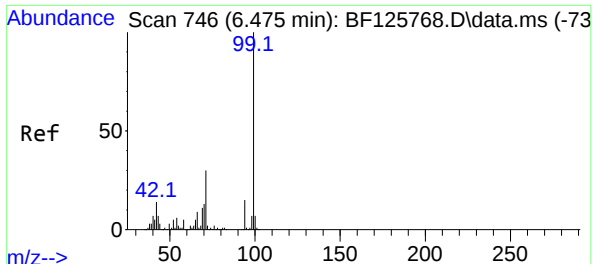
Tgt Ion:152 Resp: 189907
Ion Ratio Lower Upper
152 100
150 157.3 117.6 176.4
115 57.1 47.1 70.7



#5
2-Fluorophenol
Concen: 115.76 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

Tgt Ion:112 Resp: 1345720
Ion Ratio Lower Upper
112 100
64 52.7 44.2 66.2
63 27.0 26.2 39.2

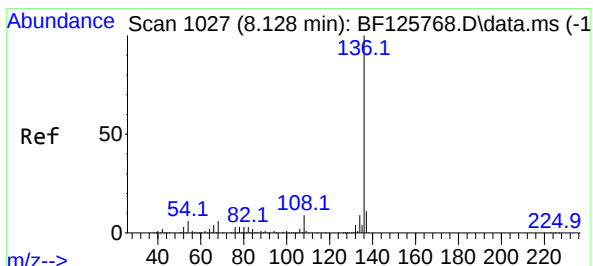
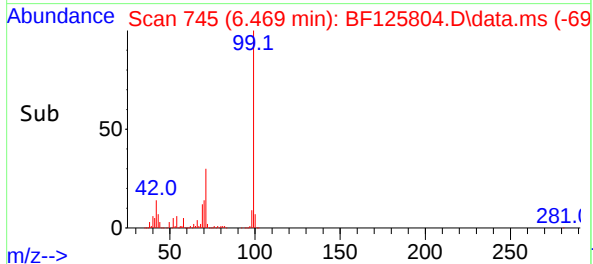
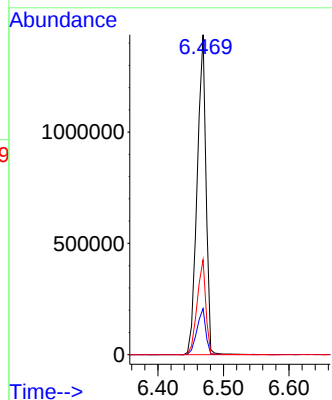
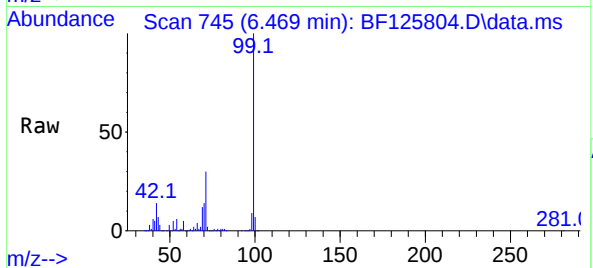




#7
Phenol-d6
Concen: 90.43 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

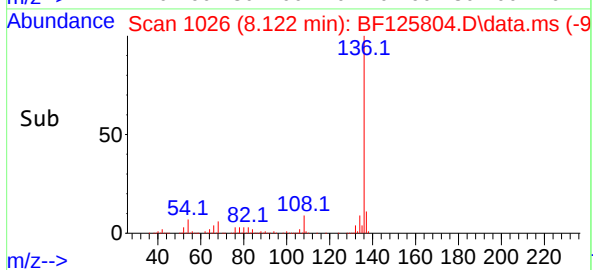
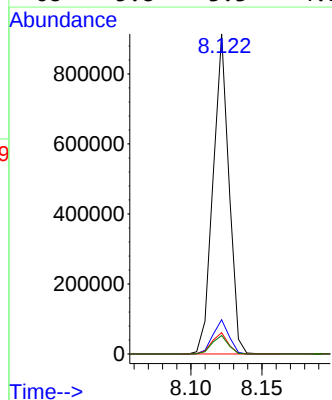
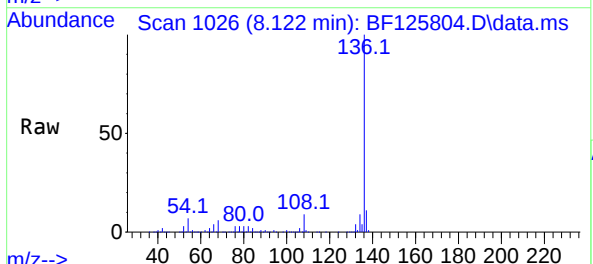
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

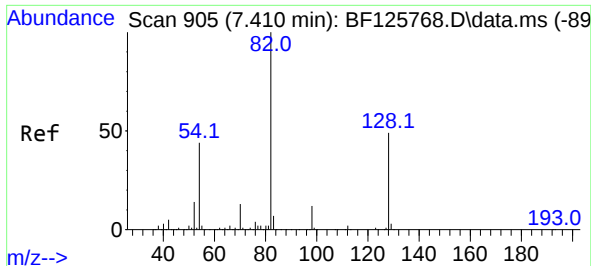
Tgt Ion: 99 Resp: 1353336
Ion Ratio Lower Upper
99 100
42 14.4 23.5 35.3#
71 29.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

Tgt Ion: 136 Resp: 712648
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.6 6.4 9.6
68 5.8 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 87.86 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF125804.D

Acq: 12 Oct 2021 16:23

Instrument :

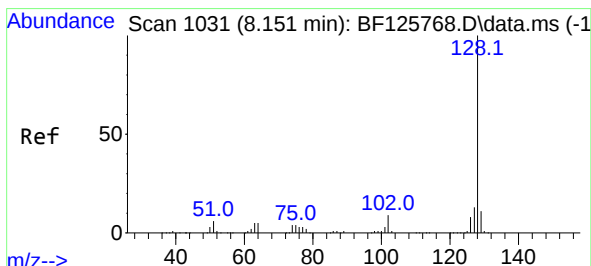
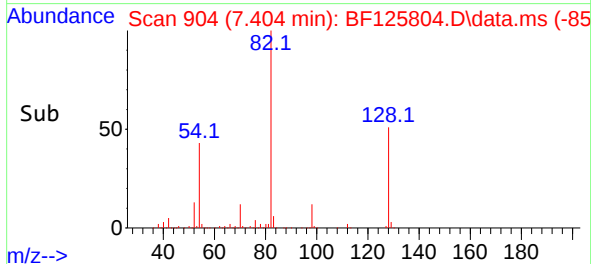
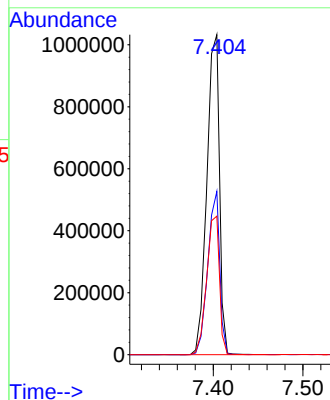
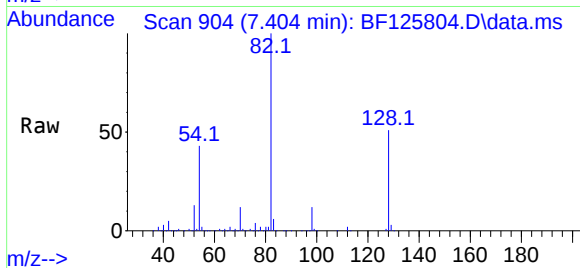
BNA_F

ClientSampleId :

T10-COMP-(1-4)

Tgt Ion: 82 Resp: 1007320

Ion	Ratio	Lower	Upper
82	100		
128	51.0	40.6	60.8
54	43.3	49.6	74.4#



#31

Naphthalene

Concen: 2.75 ng

RT: 8.145 min Scan# 1030

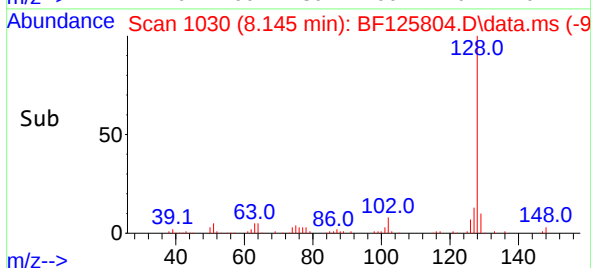
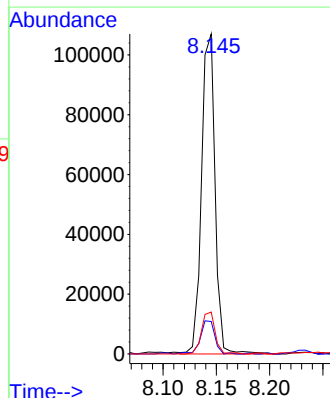
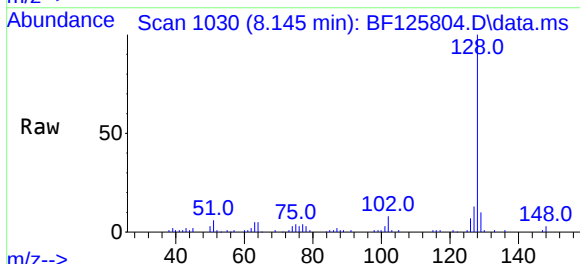
Delta R.T. -0.006 min

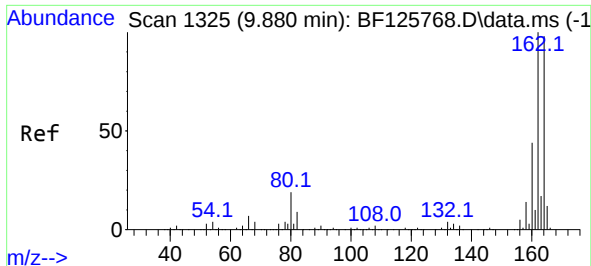
Lab File: BF125804.D

Acq: 12 Oct 2021 16:23

Tgt Ion: 128 Resp: 94906

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.4	14.0
127	13.1	10.9	16.3





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF125804.D

Acq: 12 Oct 2021 16:23

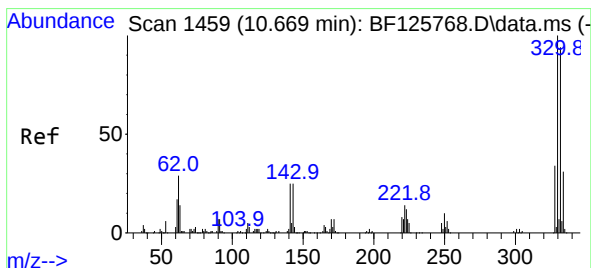
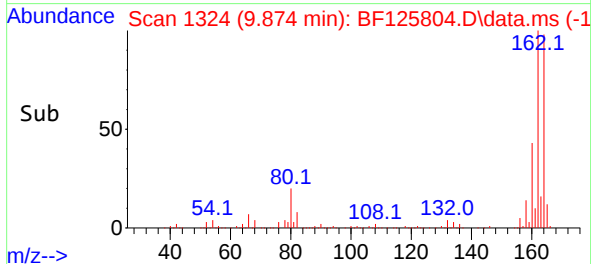
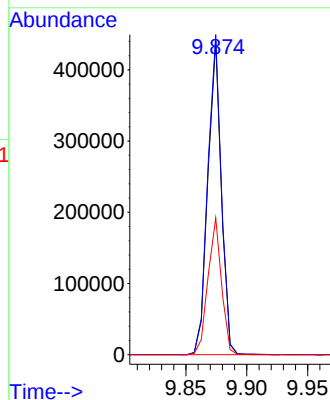
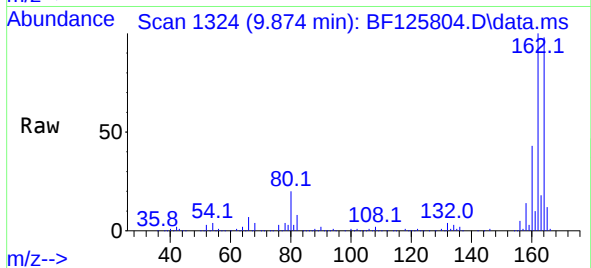
Tgt Ion:164 Resp: 335849

Ion Ratio Lower Upper

164 100

162 102.1 81.3 121.9

160 43.6 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 127.46 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF125804.D

Acq: 12 Oct 2021 16:23

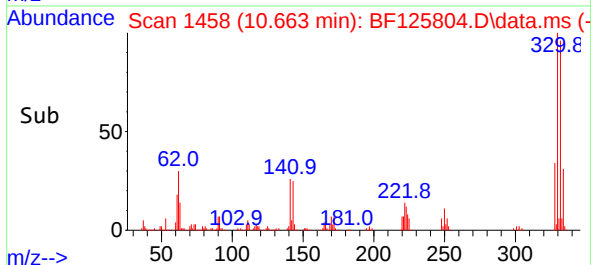
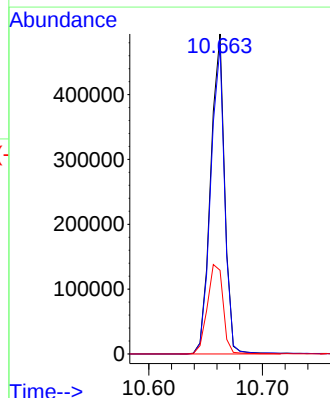
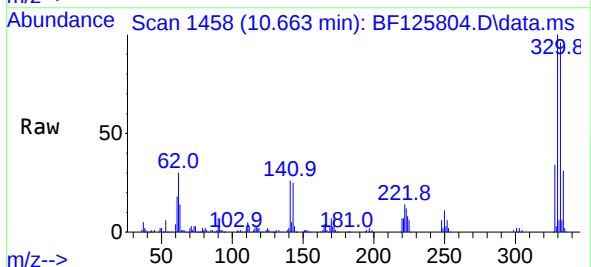
Tgt Ion:330 Resp: 422640

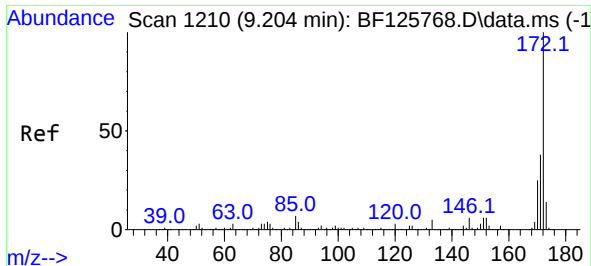
Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.4

141 31.7 44.6 66.8#

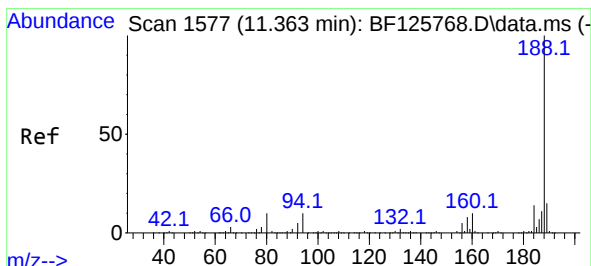
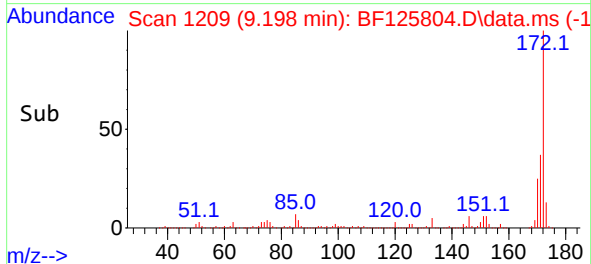
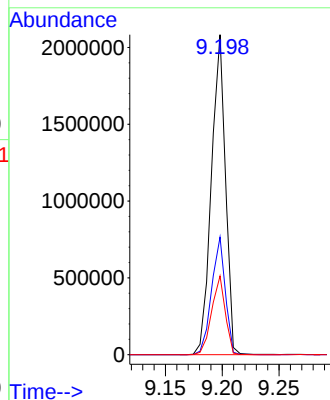
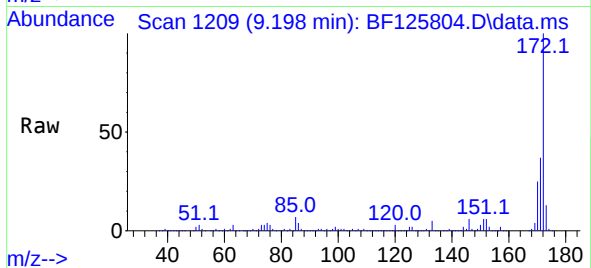




#45
2-Fluorobiphenyl
Concen: 92.19 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

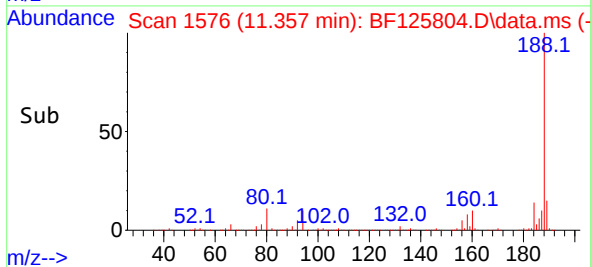
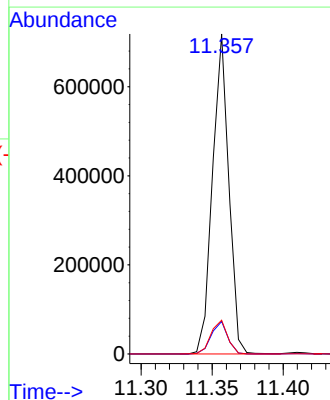
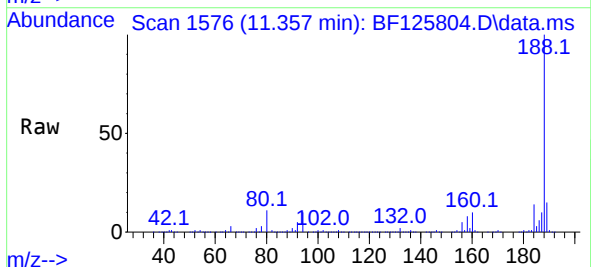
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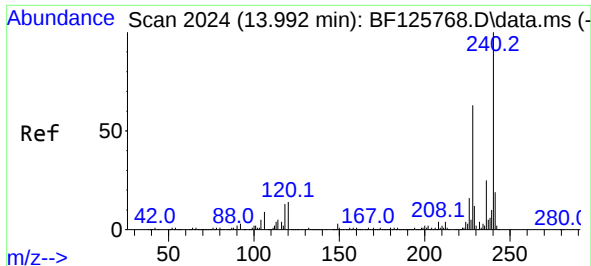
Tgt Ion:172 Resp: 1795138
Ion Ratio Lower Upper
172 100
171 36.7 26.5 39.7
170 24.6 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

Tgt Ion:188 Resp: 573752
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 10.5 7.5 11.3

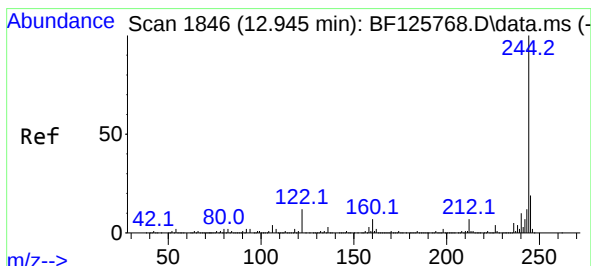
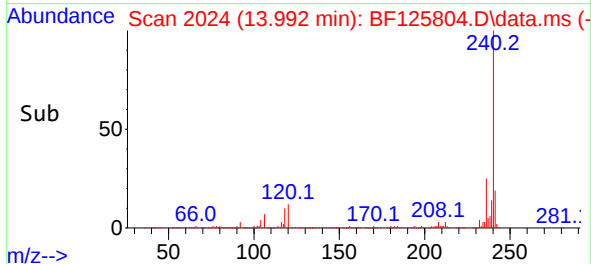
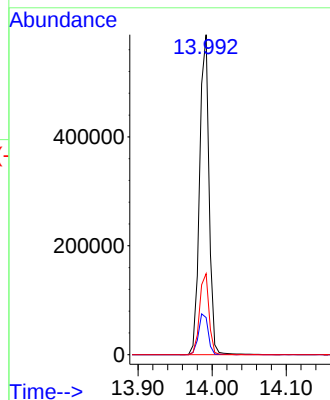
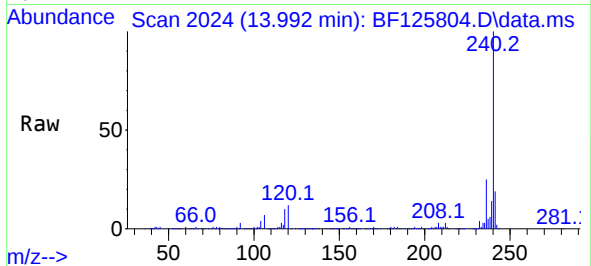




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

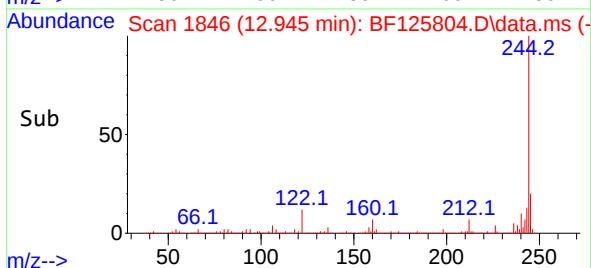
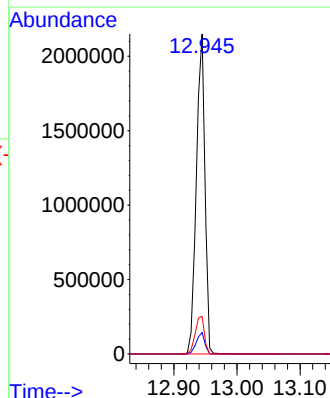
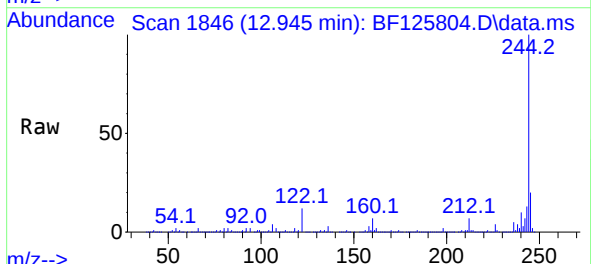
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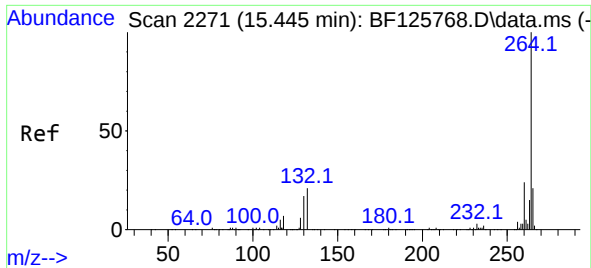
Tgt Ion:240 Resp: 517460
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 59.56 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

Tgt Ion:244 Resp: 2023443
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.7 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF125804.D
 Acq: 12 Oct 2021 16:23

Instrument :
 BNA_F
 ClientSampleId :
 T10-COMP-(1-4)

Tgt Ion:264 Resp: 424713
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.6 29.4
 265 20.7 17.2 25.8

