

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125361.D
 Acq On : 4 Sep 2021 10:38
 Operator : JU/CG
 Sample : PB138922BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138922BL

Quant Time: Sep 06 08:26:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

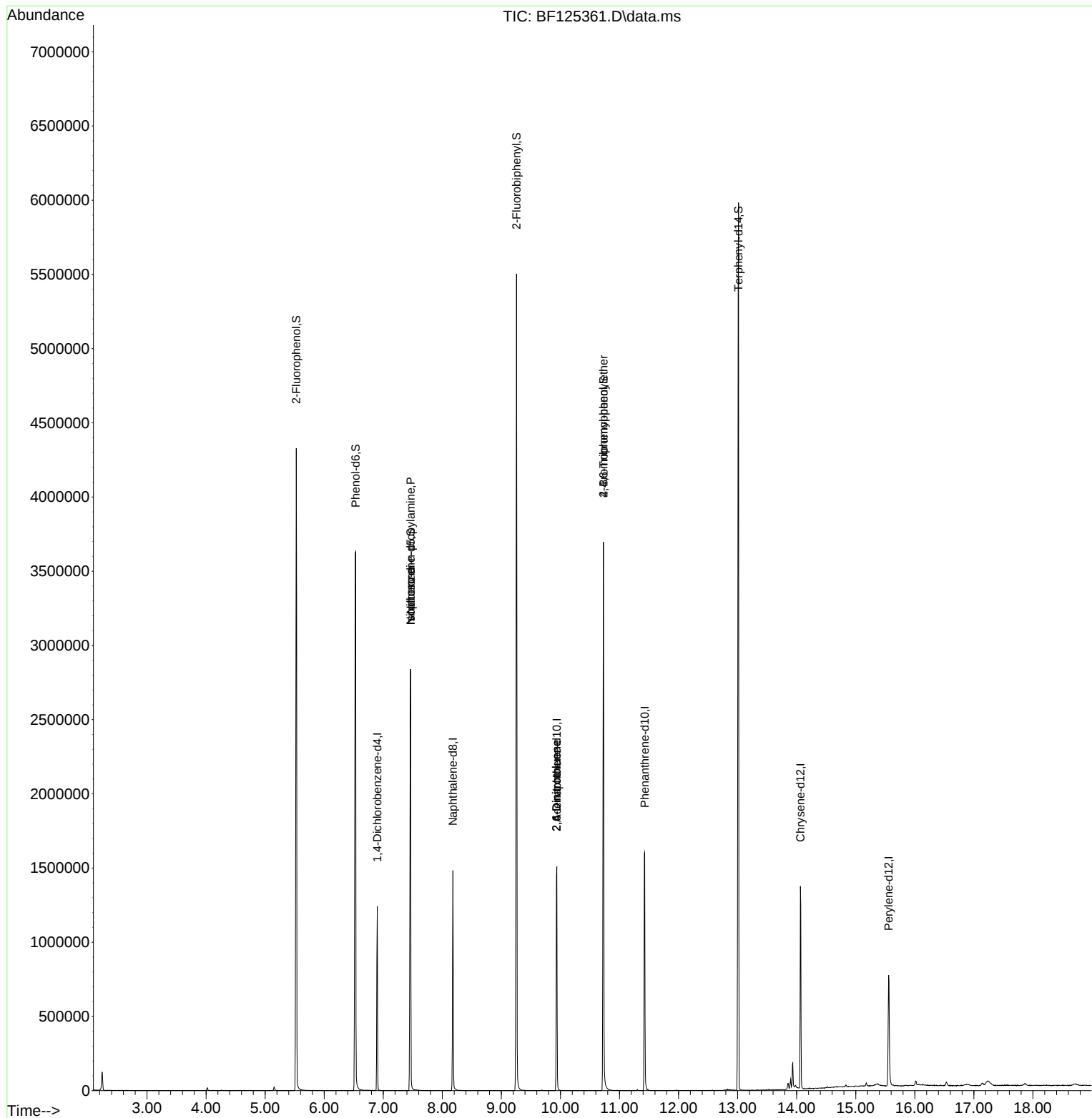
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	166192	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	652205	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	353872	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	682507	20.000	ng	0.00
76) Chrysene-d12	14.062	240	496910	20.000	ng	0.00
86) Perylene-d12	15.557	264	400841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1189174	108.304	ng	0.00
7) Phenol-d6	6.534	99	1499815	105.617	ng	0.00
23) Nitrobenzene-d5	7.463	82	1006766	77.713	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	516463	146.206	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1835374	72.286	ng	0.00
79) Terphenyl-d14	13.015	244	2346247	75.221	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	135460	15.859	ng	# 57
25) Isophorone	7.463	82	1006751	40.283	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	45673	8.589	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	45673	7.097	ng	# 19
67) 4-Bromophenyl-phenylether	10.727	248	31709	3.869	ng	# 1

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

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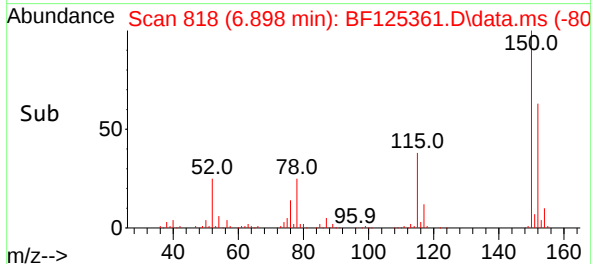
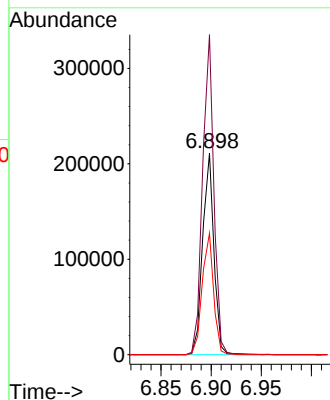
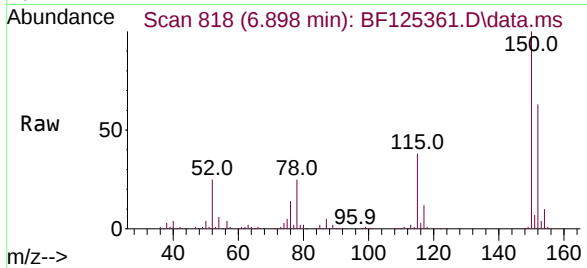




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

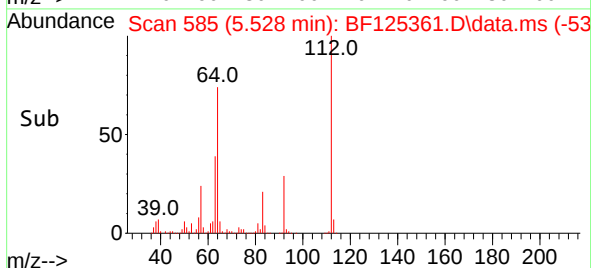
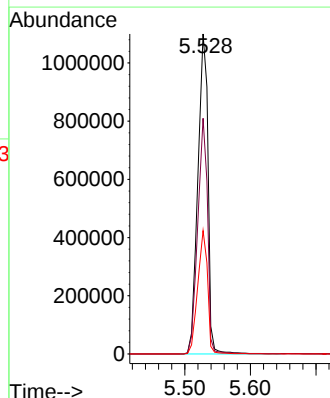
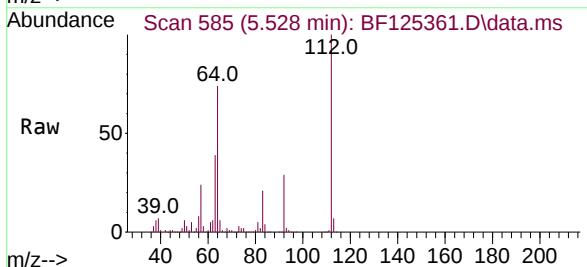
Instrument :
BNA_F
ClientSampleId :
PB138922BL

Tgt Ion:152 Resp: 166192
Ion Ratio Lower Upper
152 100
150 158.9 117.6 176.4
115 60.3 47.1 70.7



#5
2-Fluorophenol
Concen: 108.304 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.006 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

Tgt Ion:112 Resp: 1189174
Ion Ratio Lower Upper
112 100
64 73.6 44.2 66.2#
63 38.5 26.2 39.2

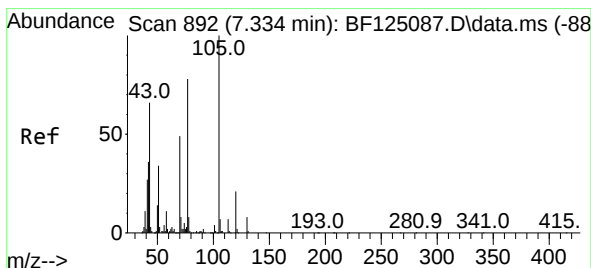
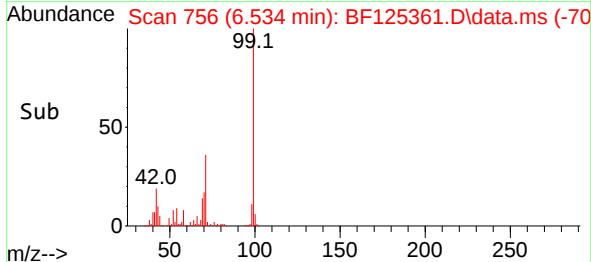
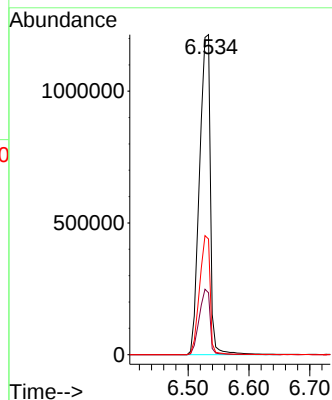
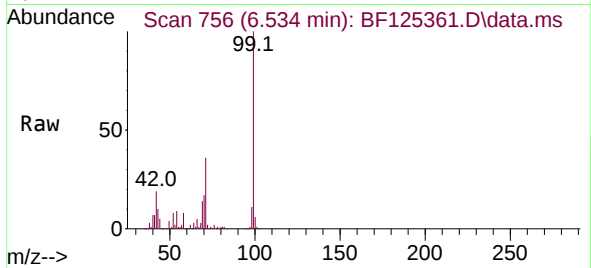




#7
Phenol-d6
Concen: 105.617 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

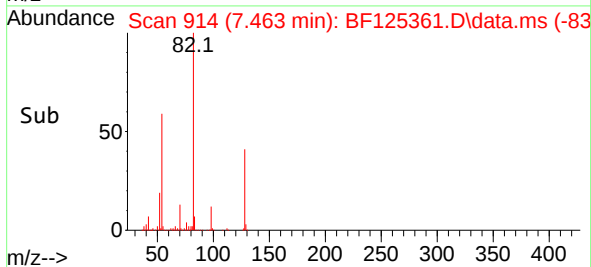
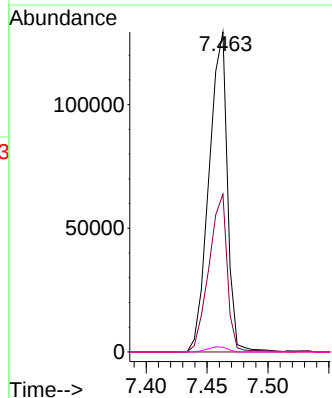
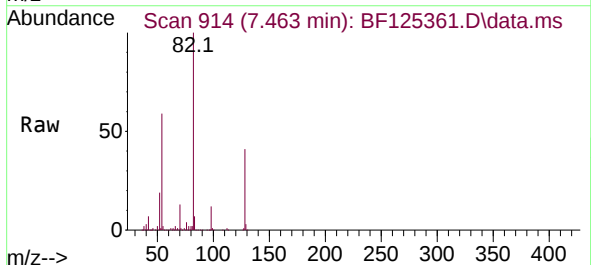
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ClientSampleId :
PB138922BL

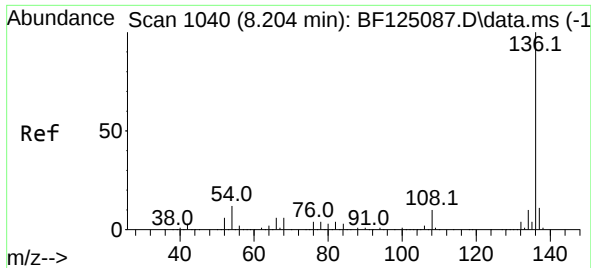
Tgt Ion: 99 Resp: 1499815
Ion Ratio Lower Upper
99 100
42 19.3 23.5 35.3#
71 36.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.859 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.153 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

Tgt Ion: 70 Resp: 135460
Ion Ratio Lower Upper
70 100
42 49.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#

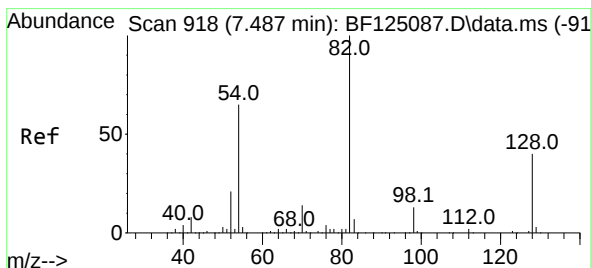
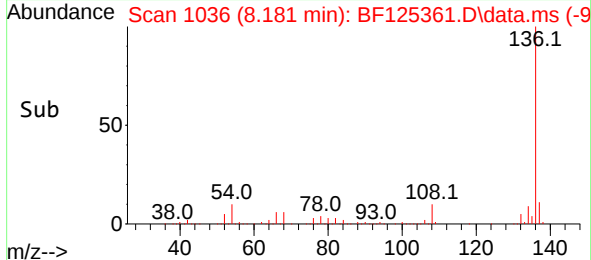
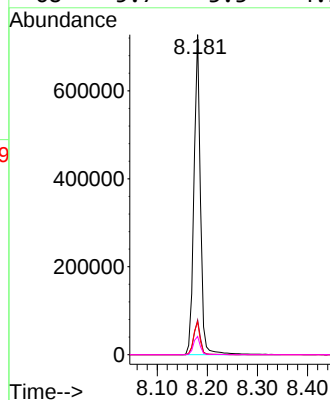
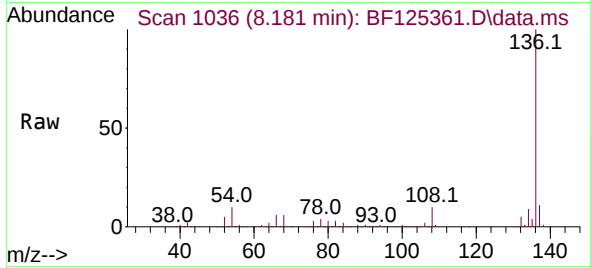




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

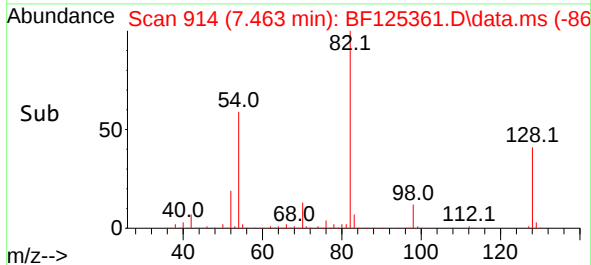
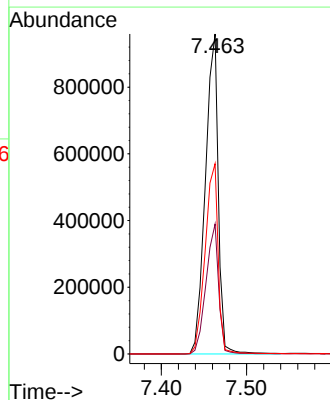
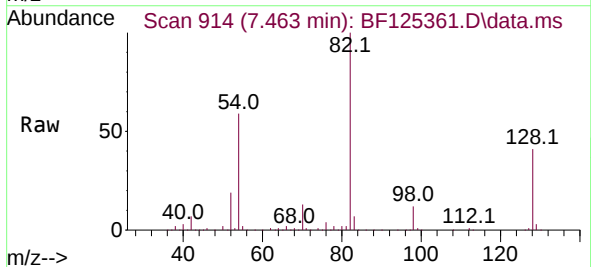
Instrument :
BNA_F
ClientSampleId :
PB138922BL

Tgt Ion:136	Resp: 652205
Ion Ratio	Lower Upper
136 100	
137 10.8	9.8 14.6
54 10.3	6.4 9.6#
68 5.7	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 77.713 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

Tgt Ion: 82	Resp: 1006766
Ion Ratio	Lower Upper
82 100	
128 40.6	40.6 60.8
54 59.4	49.6 74.4

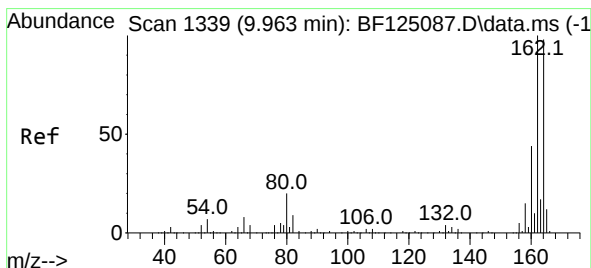
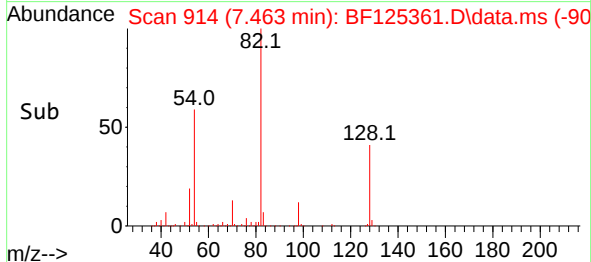
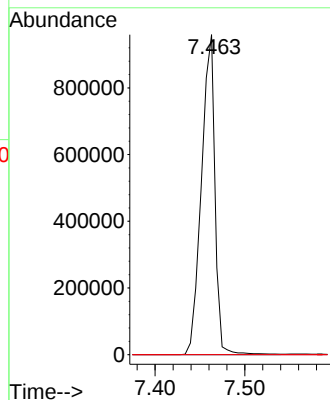
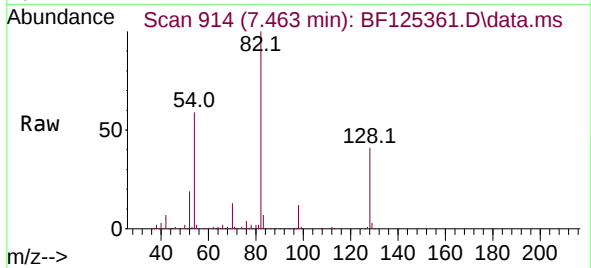




#25
Isophorone
Concen: 40.283 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

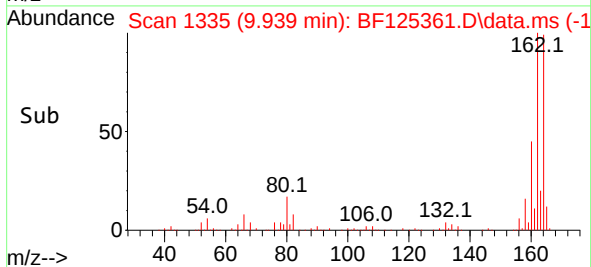
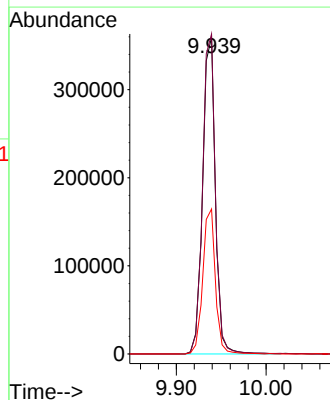
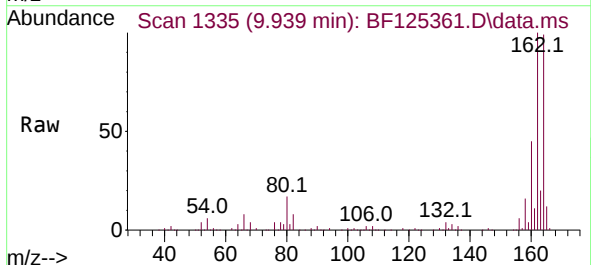
Instrument :
BNA_F
ClientSampleId :
PB138922BL

Tgt Ion: 82 Resp: 1006751
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

Tgt Ion: 164 Resp: 353872
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.8 38.0 57.0

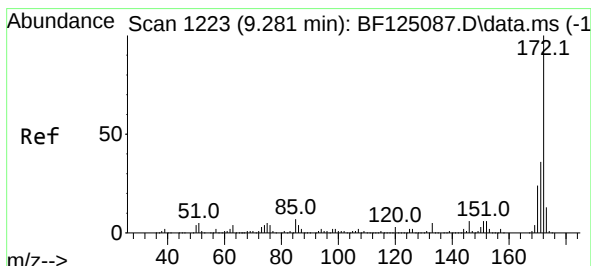
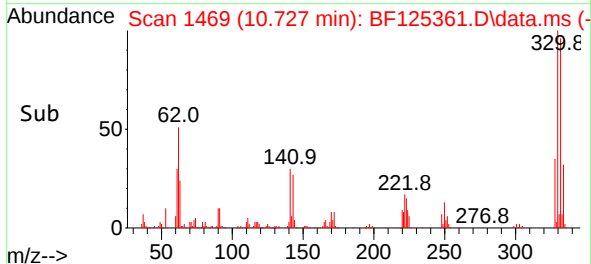
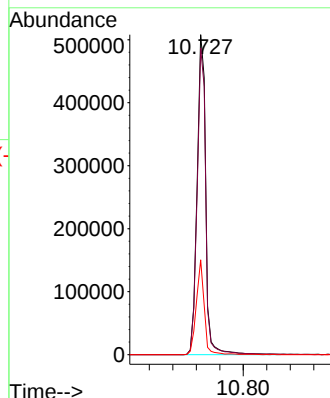
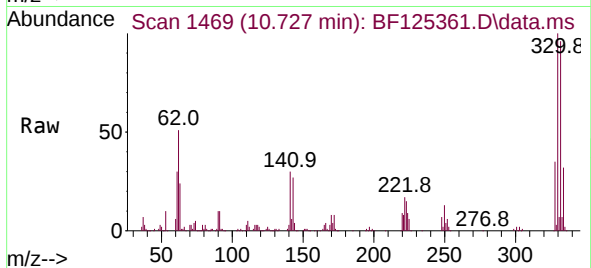




#42
2,4,6-Tribromophenol
Concen: 146.206 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

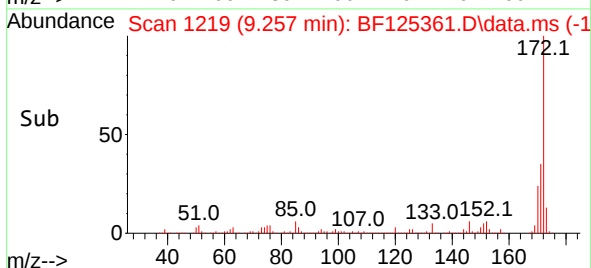
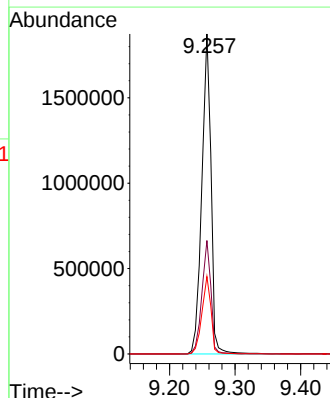
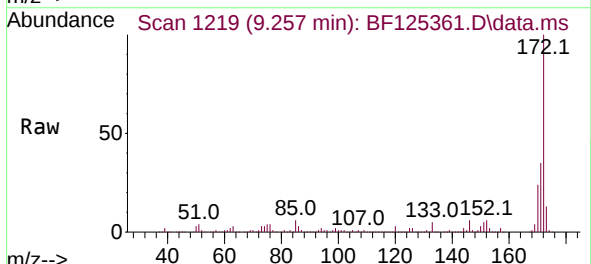
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ClientSampleId :
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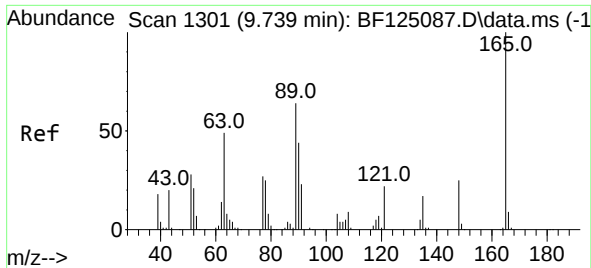
Tgt Ion:330 Resp: 516463
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 27.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 72.286 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

Tgt Ion:172 Resp: 1835374
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.2 18.8 28.2

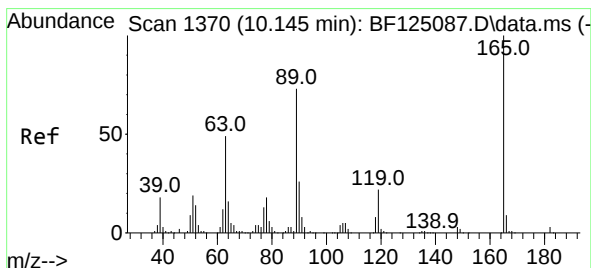
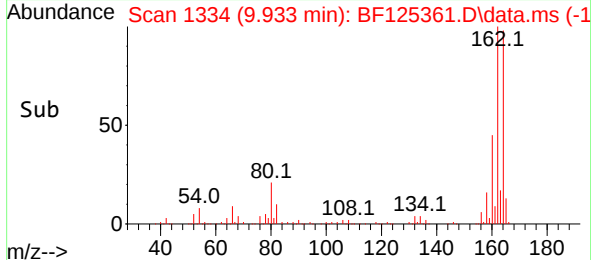
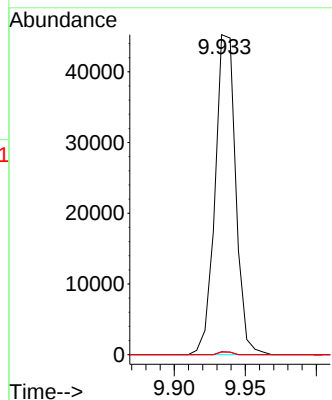
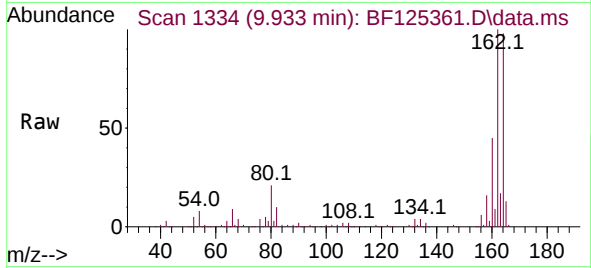




#51
2,6-Dinitrotoluene
Concen: 8.589 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

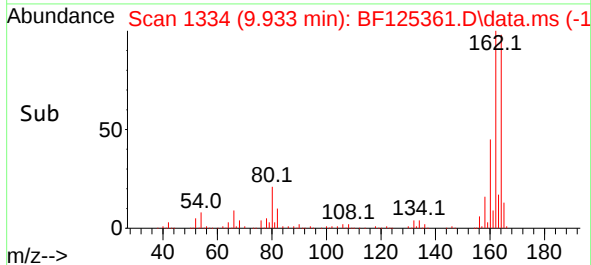
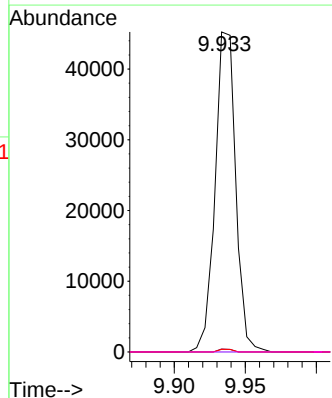
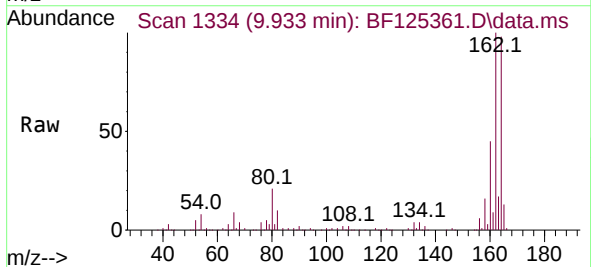
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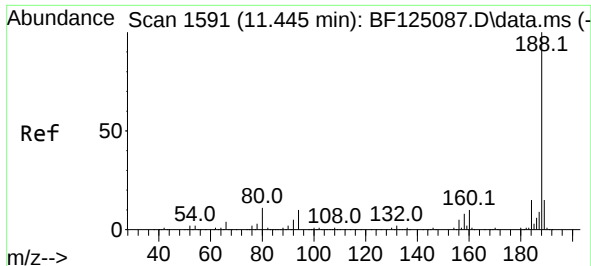
Tgt Ion:165 Resp: 45673
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.097 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

Tgt Ion:165 Resp: 45673
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

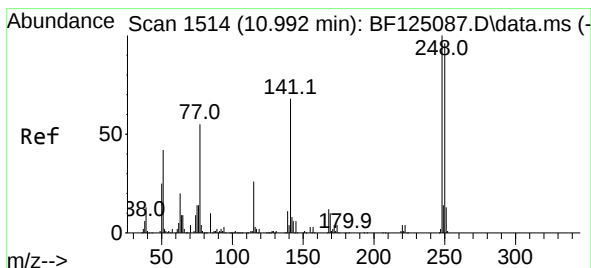
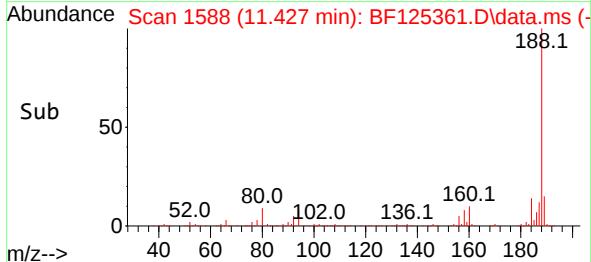
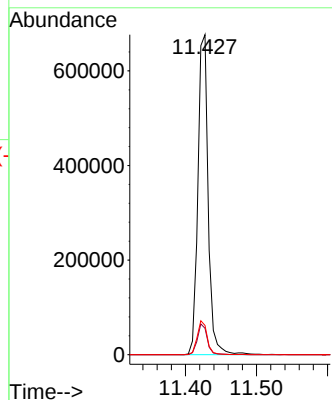
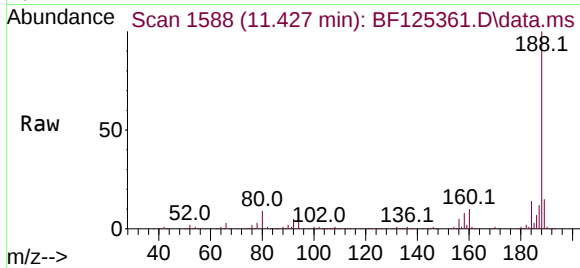




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

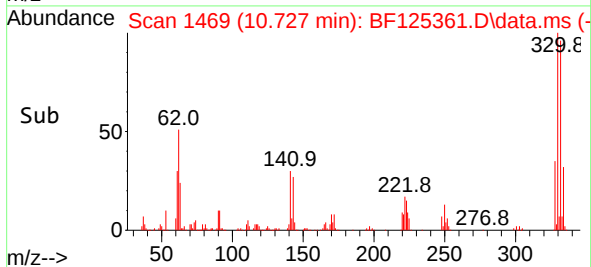
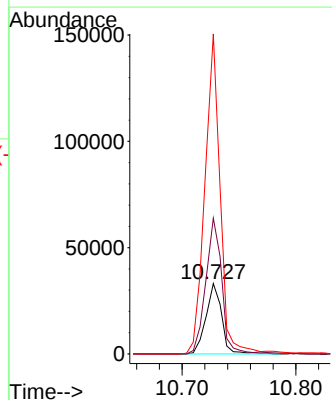
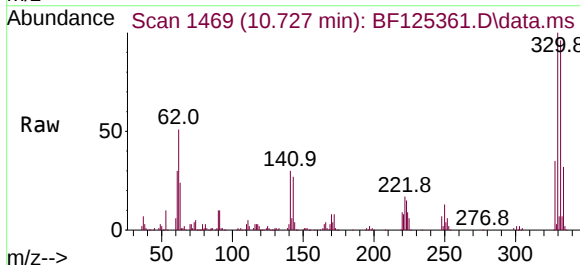
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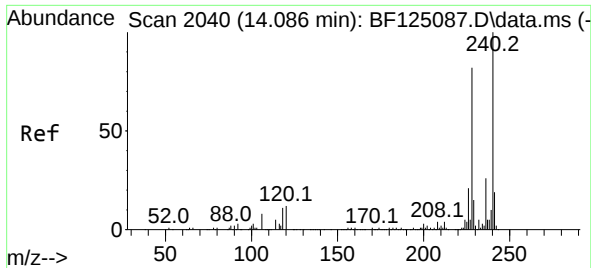
Tgt Ion:188 Resp: 682507
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.869 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

Tgt Ion:248 Resp: 31709
Ion Ratio Lower Upper
248 100
250 192.7 74.2 111.4#
141 454.1 60.4 90.6#

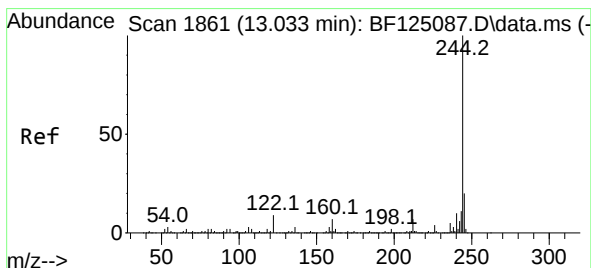
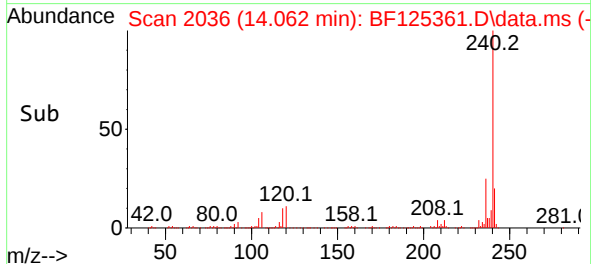
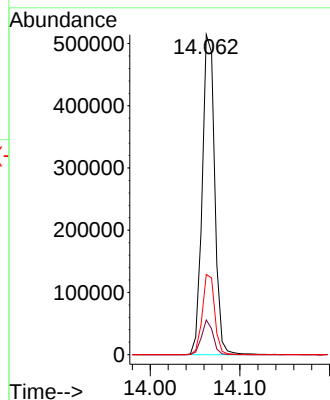
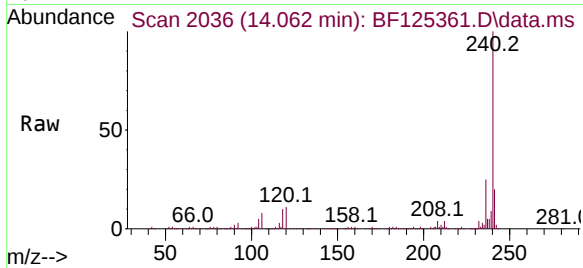




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

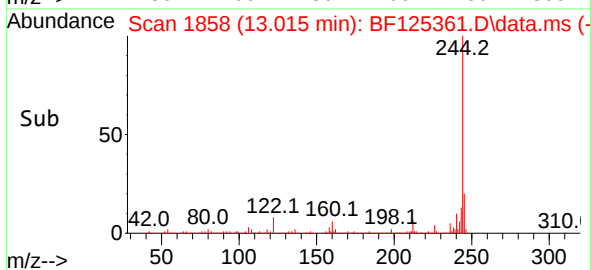
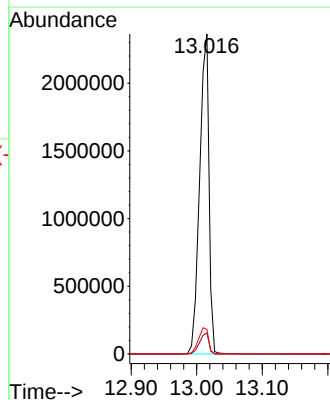
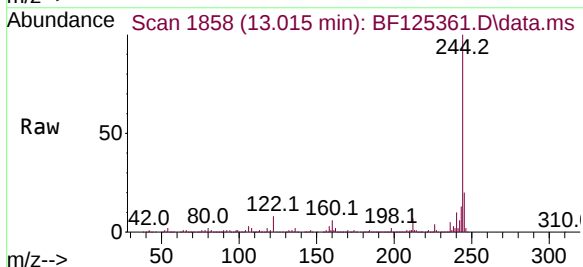
Instrument :
BNA_F
ClientSampleId :
PB138922BL

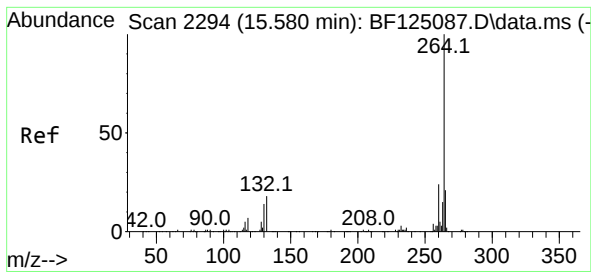
Tgt Ion:240 Resp: 496910
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 25.1 21.6 32.4



#79
Terphenyl-d14
Concen: 75.221 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

Tgt Ion:244 Resp: 2346247
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 7.7 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF125361.D
Acq: 4 Sep 2021 10:38

Instrument :
BNA_F
ClientSampleId :
PB138922BL

Tgt Ion:264 Resp: 400841
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.1 17.2 25.8

