

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
 Data File : BF125242.D
 Acq On : 27 Aug 2021 00:36
 Operator : JU/CG
 Sample : M3545-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCS-COMP-1

Quant Time: Aug 27 05:05:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

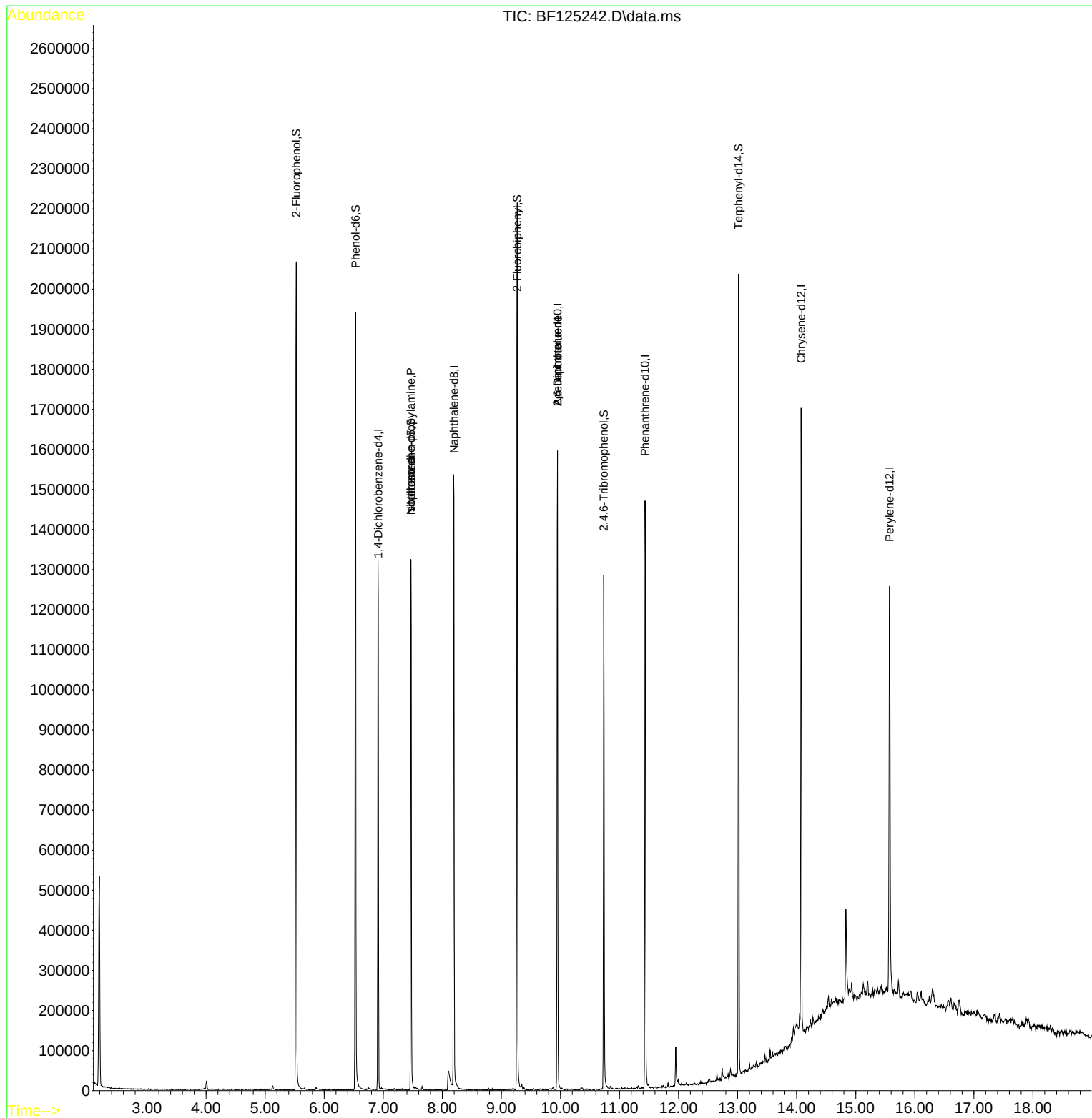
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	191483	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	710605	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	341284	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	571429	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	521248	20.000	ng	0.00
86) Perylene-d12	15.574	264	483733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	534238	42.229	ng	0.00
7) Phenol-d6	6.534	99	653859	39.963	ng	0.00
23) Nitrobenzene-d5	7.469	82	406895	28.827	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	153627	45.095	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	693237	28.310	ng	0.00
79) Terphenyl-d14	13.015	244	691290	21.128	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	52898	5.375	ng	# 59
25) Isophorone	7.469	82	406952	14.945	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	43693	8.520	ng	# 27
57) 2,4-Dinitrotoluene	9.951	165	43693	7.040	ng	# 19

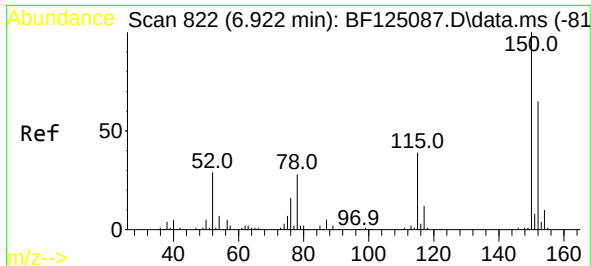
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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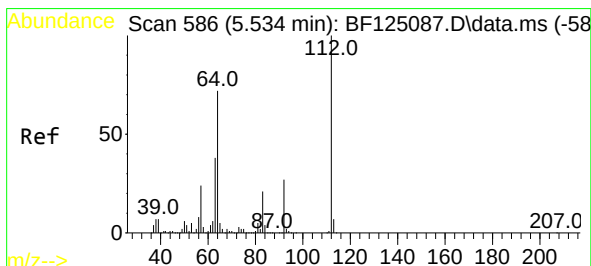
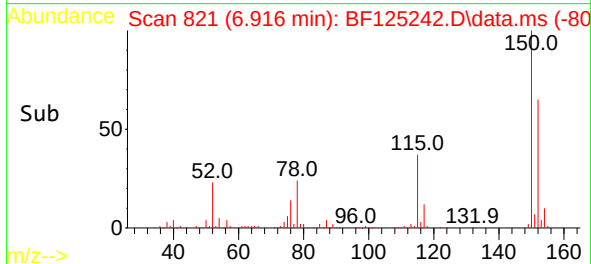
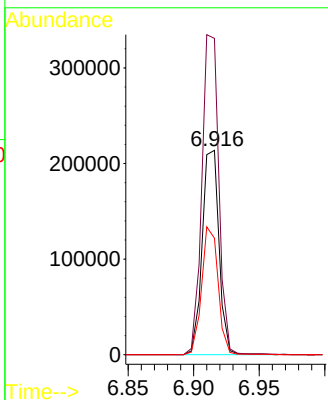
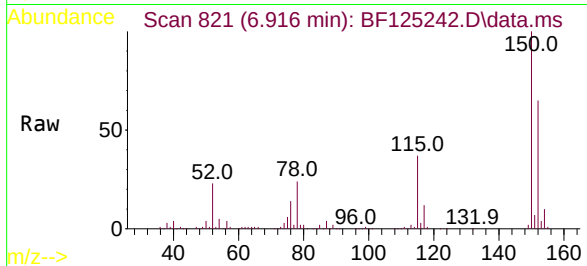




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

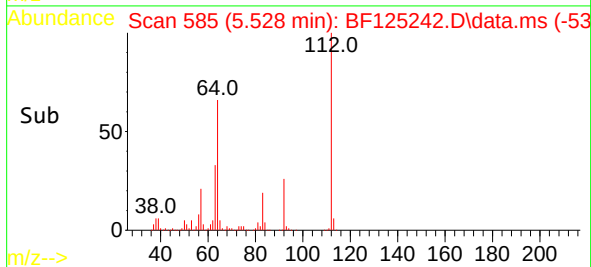
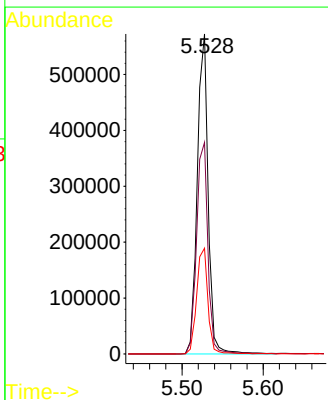
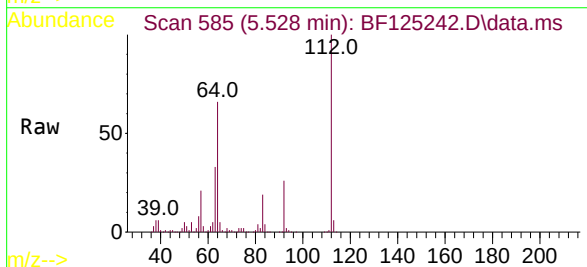
Instrument :
BNA_F
ClientSampleId :
NCS-COMP-1

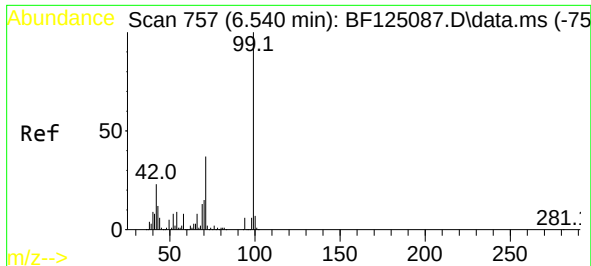
Tgt Ion:152 Resp: 191483
Ion Ratio Lower Upper
152 100
150 154.9 117.6 176.4
115 57.0 47.1 70.7



#5
2-Fluorophenol
Concen: 42.229 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

Tgt Ion:112 Resp: 534238
Ion Ratio Lower Upper
112 100
64 66.1 44.2 66.2
63 33.1 26.2 39.2

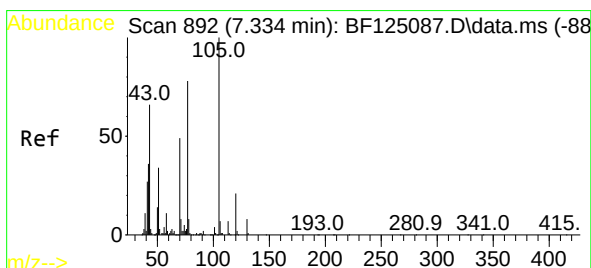
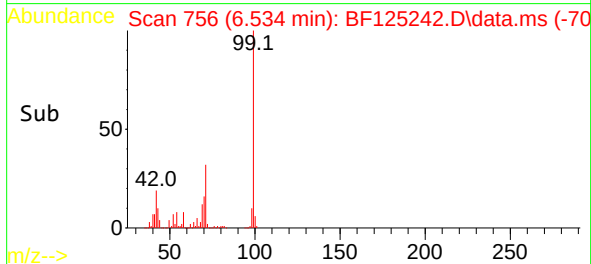
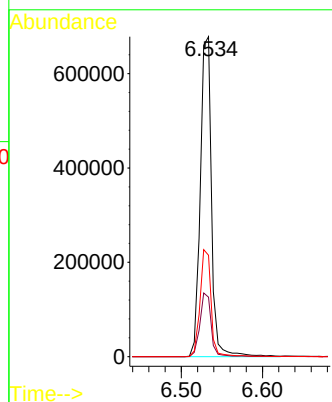
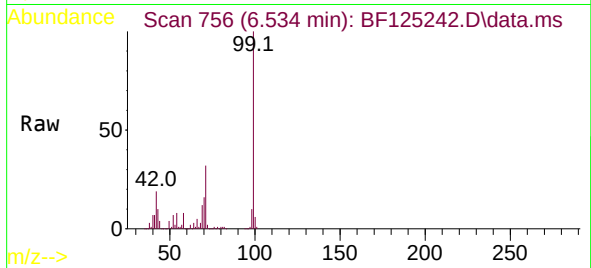




#7
Phenol-d6
Concen: 39.963 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

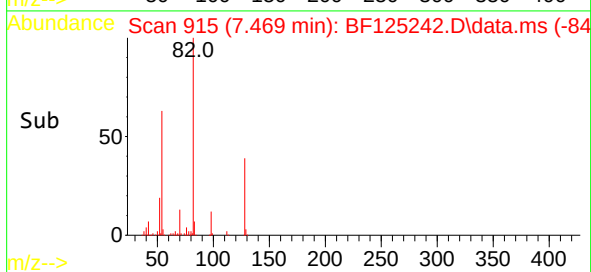
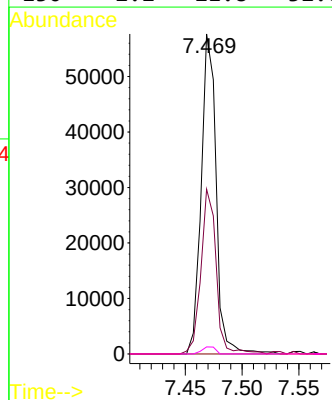
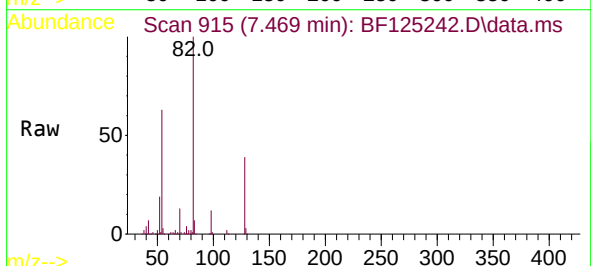
Instrument :
BNA_F
ClientSampleId :
NCS-COMP-1

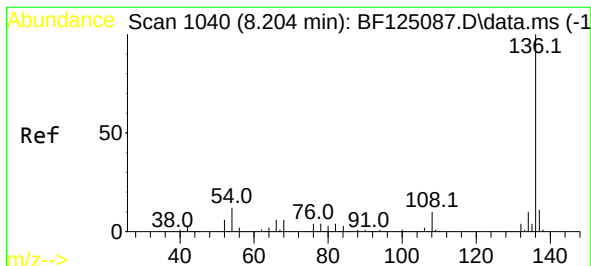
Tgt Ion: 99 Resp: 653859
Ion Ratio Lower Upper
99 100
42 18.6 23.5 35.3#
71 31.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.375 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

Tgt Ion: 70 Resp: 52898
Ion Ratio Lower Upper
70 100
42 51.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#

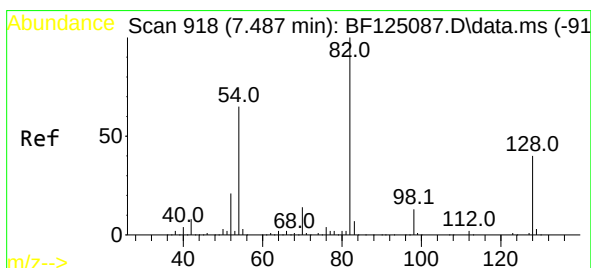
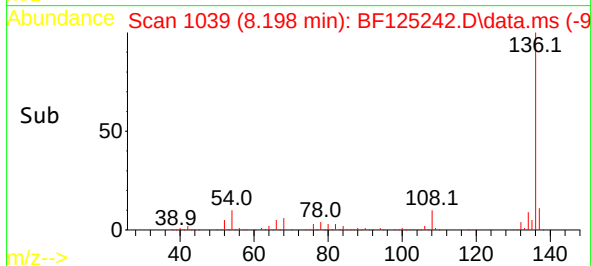
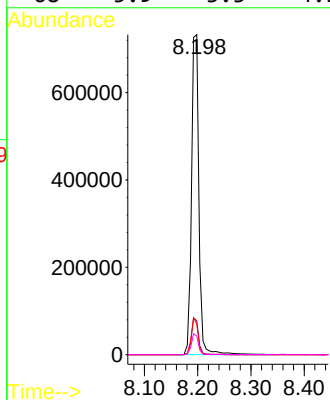
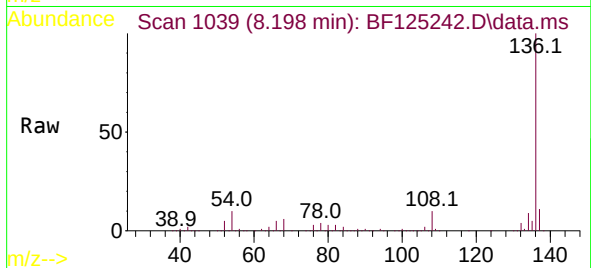




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

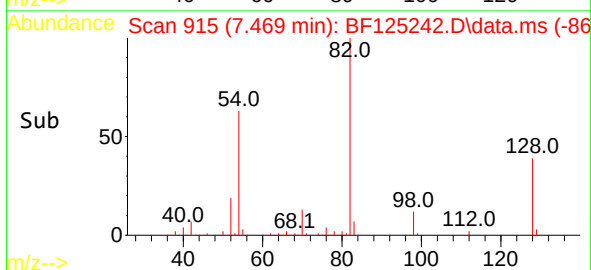
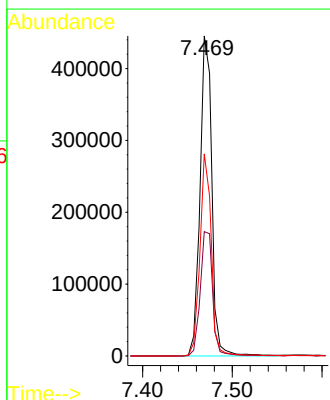
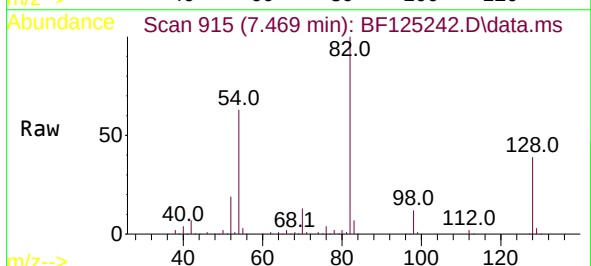
Instrument :
BNA_F
ClientSampleId :
NCS-COMP-1

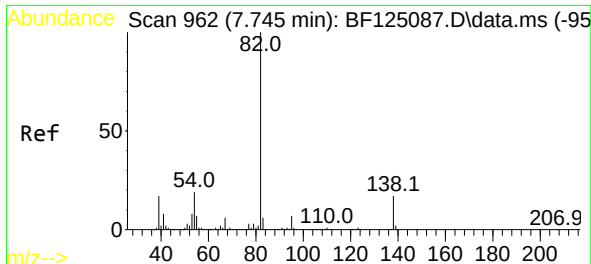
Tgt Ion:136 Resp: 710605
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.6 6.4 9.6#
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 28.827 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

Tgt Ion: 82 Resp: 406895
Ion Ratio Lower Upper
82 100
128 38.9 40.6 60.8#
54 63.1 49.6 74.4

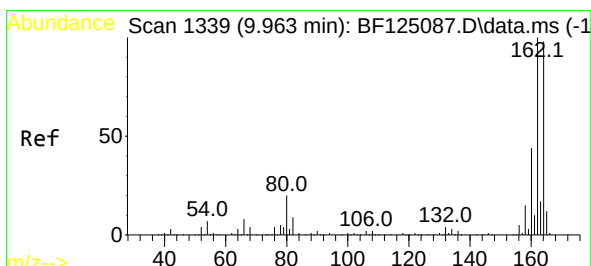
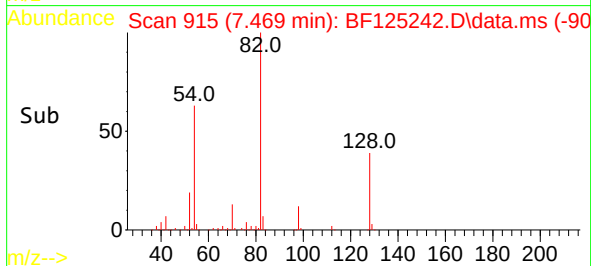
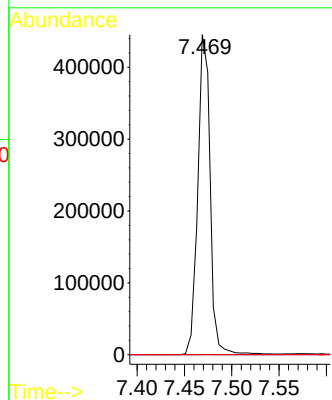
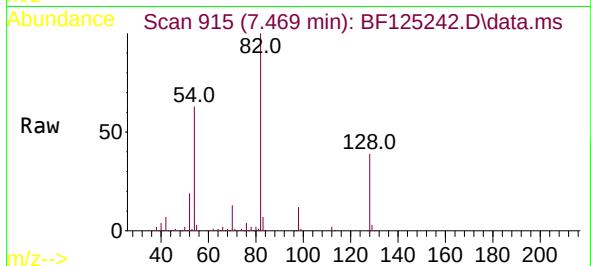




#25
Isophorone
Concen: 14.945 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

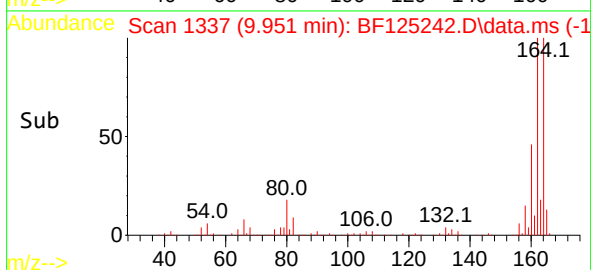
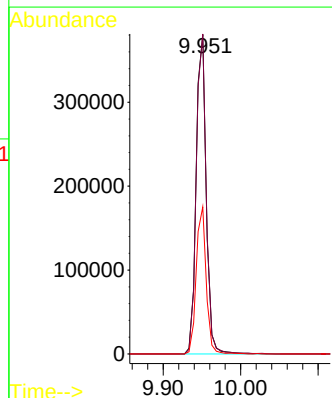
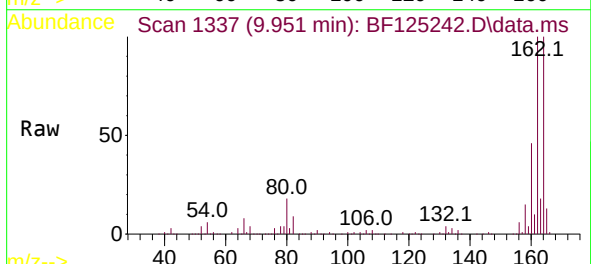
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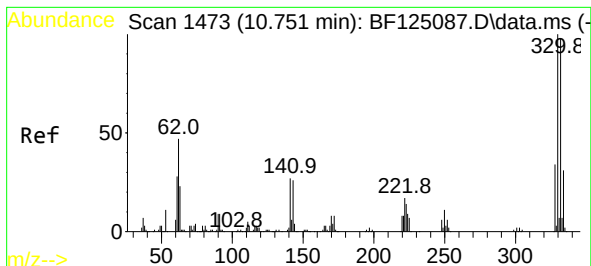
Tgt Ion: 82 Resp: 406952
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

Tgt Ion: 164 Resp: 341284
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 46.0 38.0 57.0

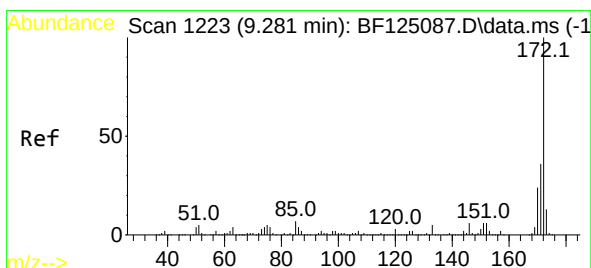
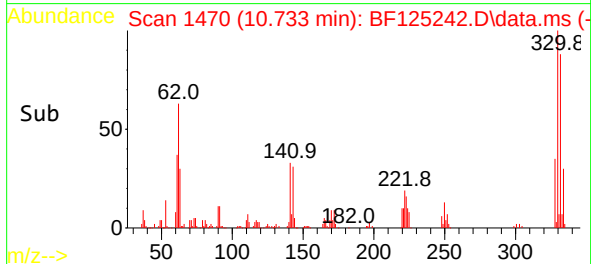
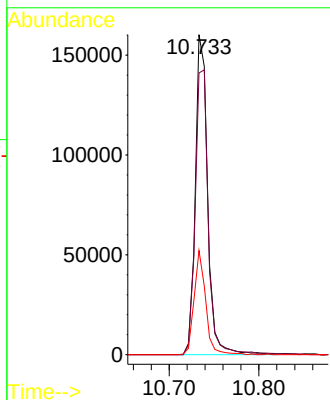
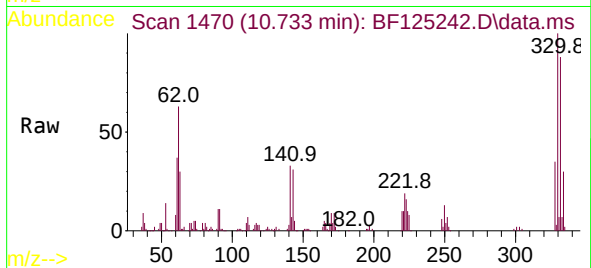




#42
2,4,6-Tribromophenol
Concen: 45.095 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

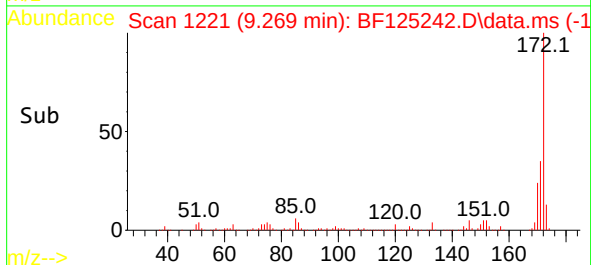
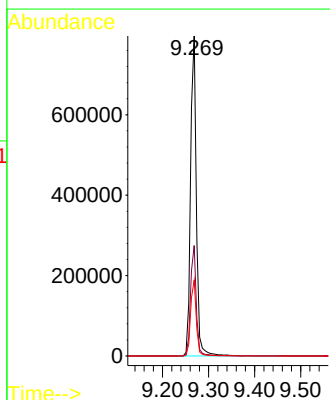
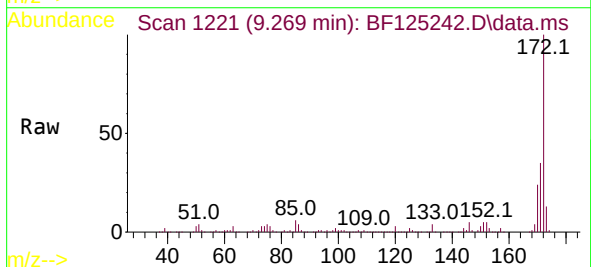
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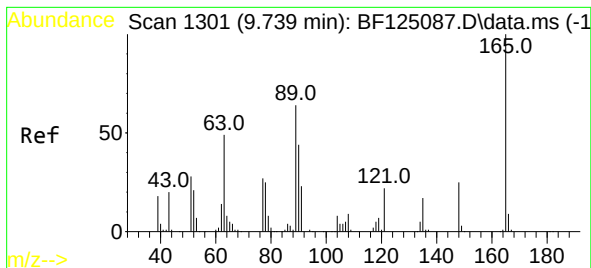
Tgt Ion:330 Resp: 153627
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 30.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 28.310 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

Tgt Ion:172 Resp: 693237
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.7 18.8 28.2

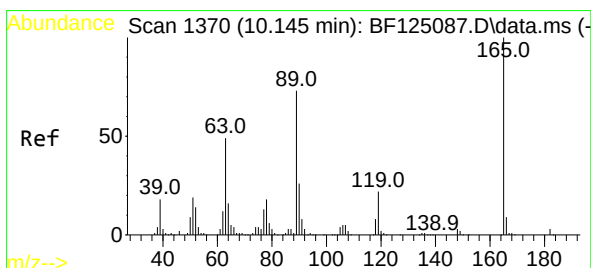
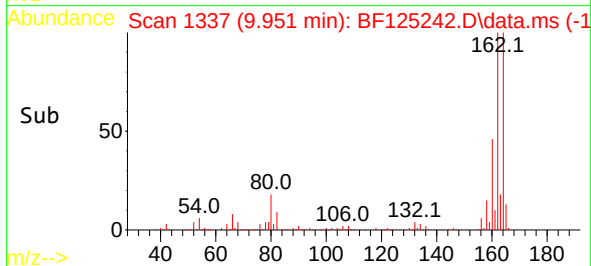
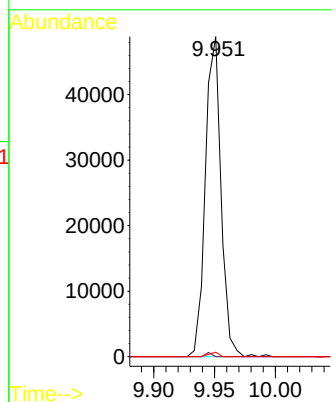
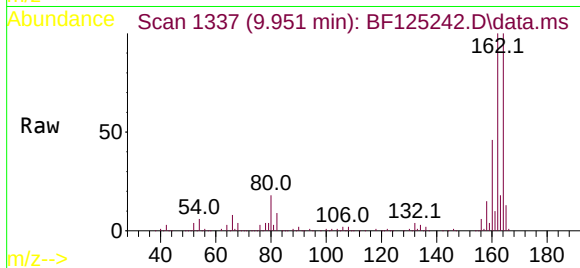




#51
2,6-Dinitrotoluene
Concen: 8.520 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

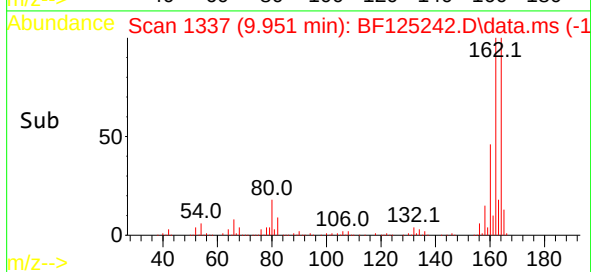
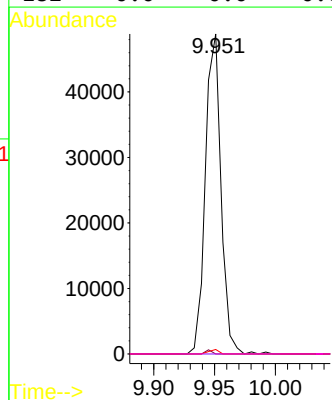
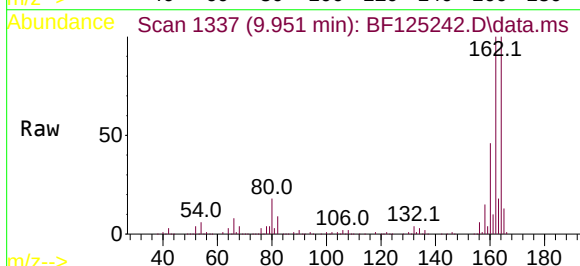
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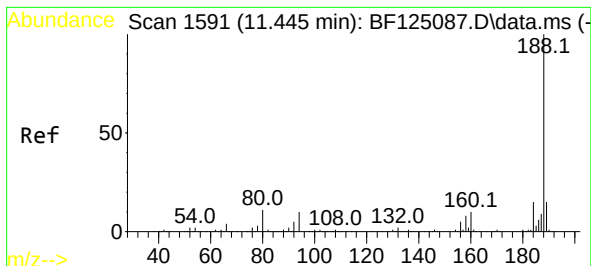
Tgt Ion:165 Resp: 43693
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.040 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

Tgt Ion:165 Resp: 43693
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

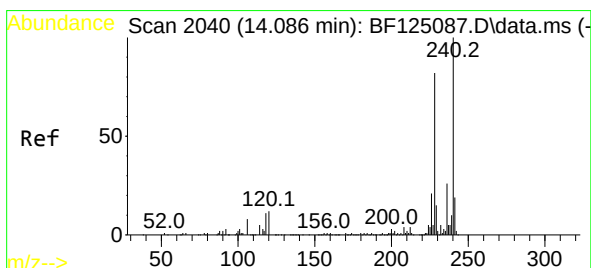
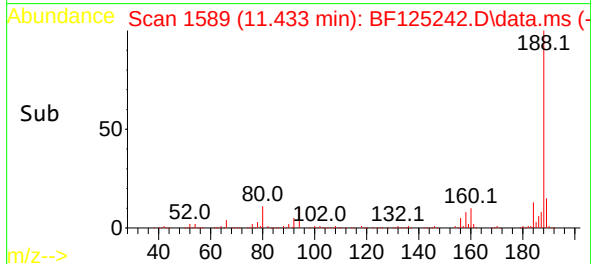
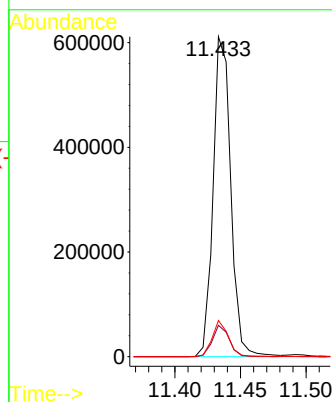
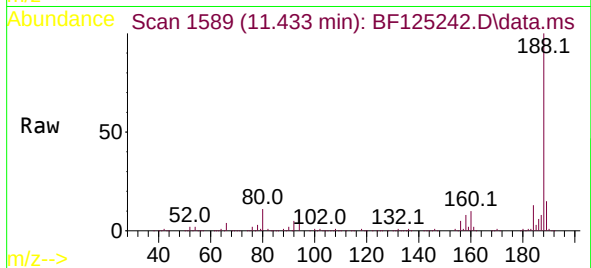




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

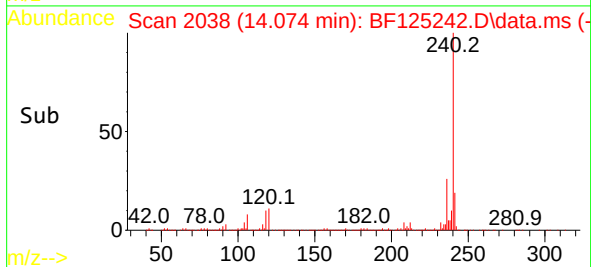
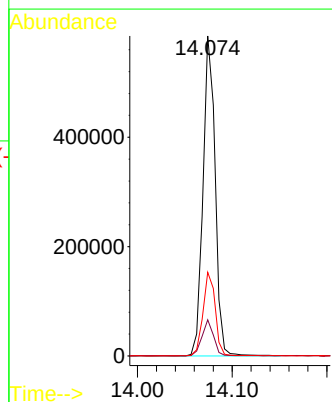
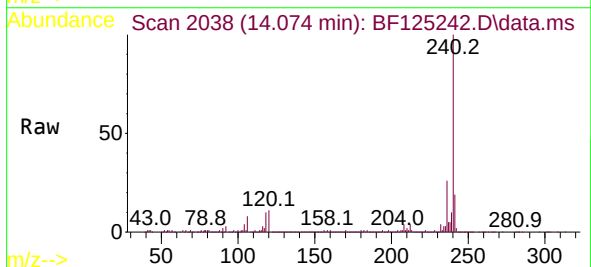
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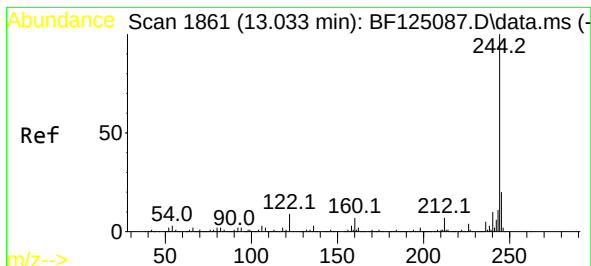
Tgt Ion:188 Resp: 571429
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 11.3 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125242.D
Acq: 27 Aug 2021 00:36

Tgt Ion:240 Resp: 521248
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 26.1 21.6 32.4





#79

Terphenyl-d14

Concen: 21.128 ng

RT: 13.015 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BF125242.D

Acq: 27 Aug 2021 00:36

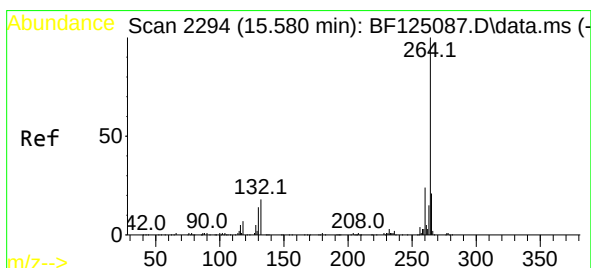
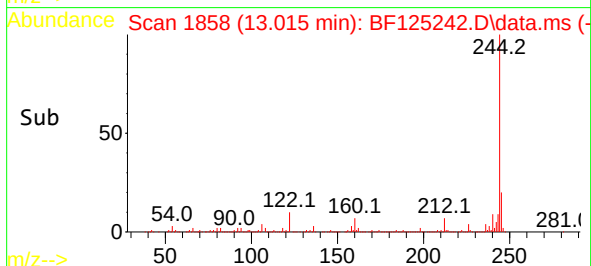
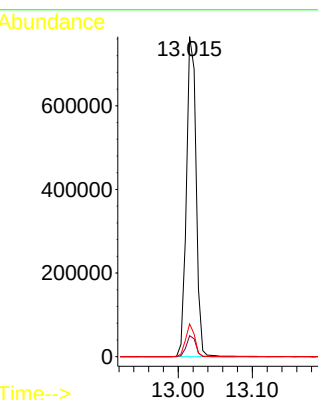
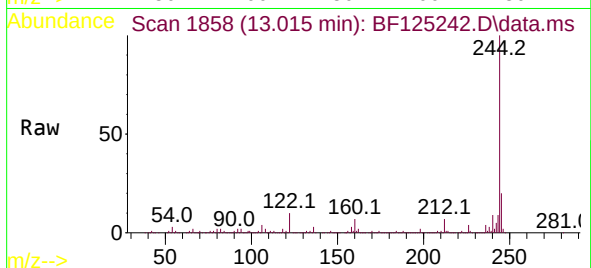
Tgt Ion:244 Resp: 691290

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 10.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2293

Delta R.T. -0.000 min

Lab File: BF125242.D

Acq: 27 Aug 2021 00:36

Tgt Ion:264 Resp: 483733

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

265 21.5 17.2 25.8

