

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125331.D
 Acq On : 2 Sep 2021 20:44
 Operator : JU/CG
 Sample : M3624-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-090121

Quant Time: Sep 03 04:59:25 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

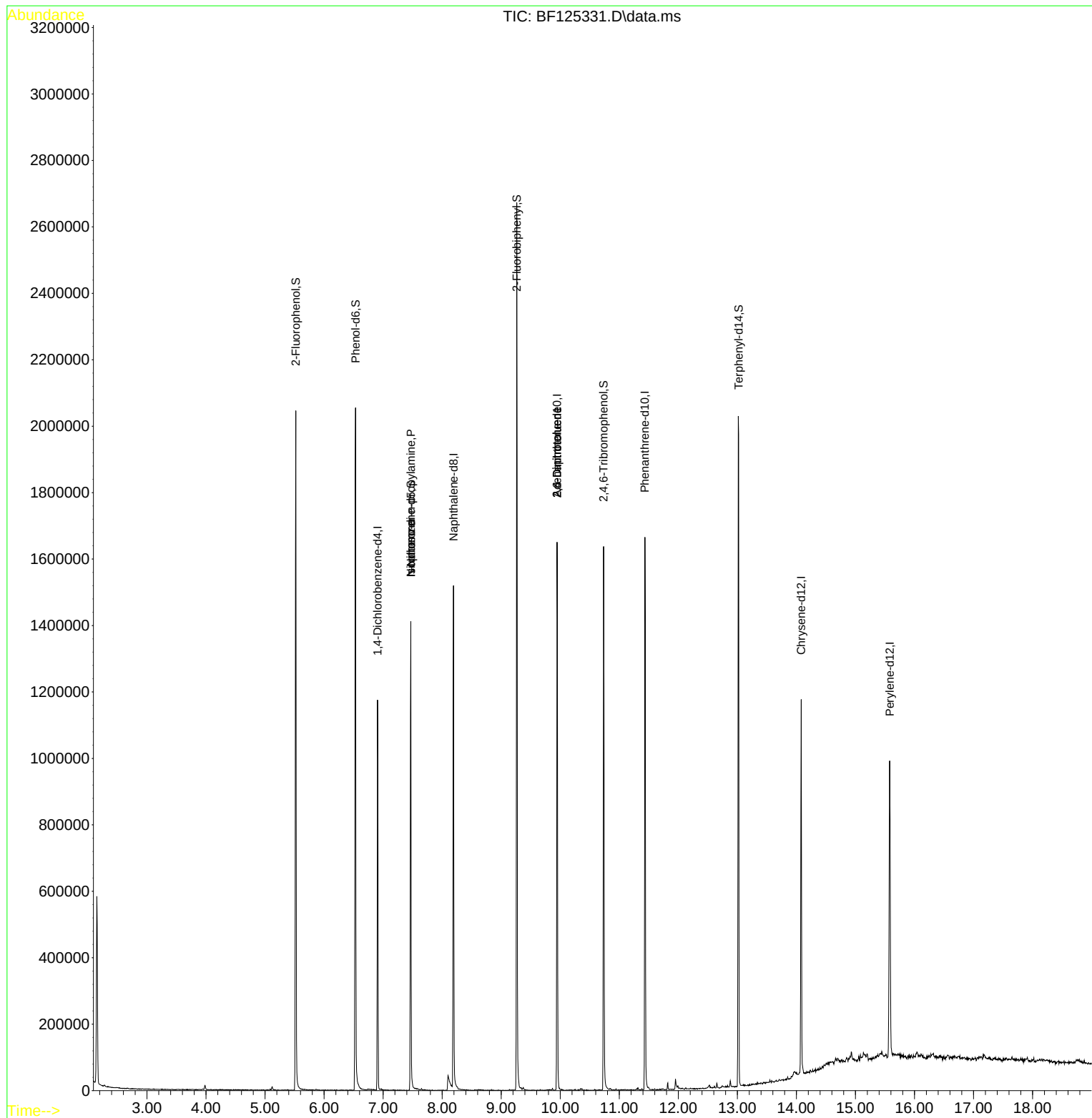
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	166280	20.000	ng	-0.01
21) Naphthalene-d8	8.192	136	651368	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	354412	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	634584	20.000	ng	0.00
76) Chrysene-d12	14.080	240	377641	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	408988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	512353	46.638	ng	0.00
7) Phenol-d6	6.534	99	668975	47.084	ng	0.00
23) Nitrobenzene-d5	7.469	82	426646	32.975	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	201518	56.961	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	816734	32.118	ng	-0.01
79) Terphenyl-d14	13.021	244	759633	32.045	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	55345	6.476	ng	# 55
25) Isophorone	7.469	82	426641	17.093	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	43752	8.215	ng	# 27
57) 2,4-Dinitrotoluene	9.945	165	43752	6.788	ng	# 19

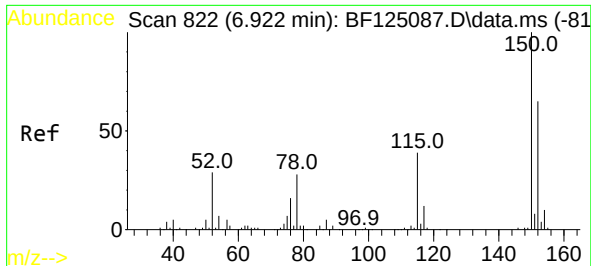
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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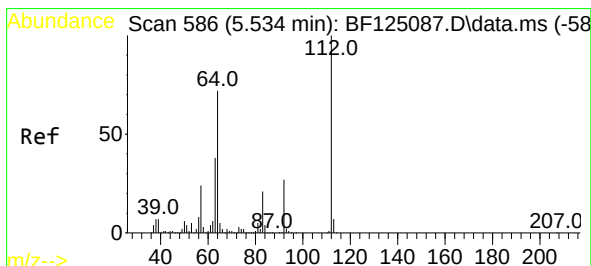
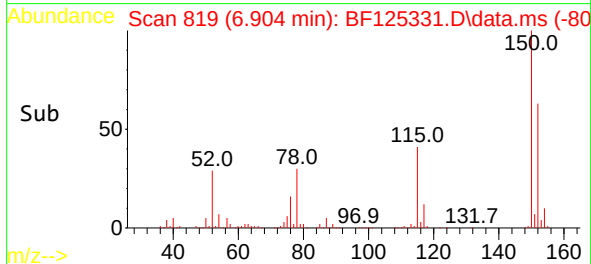
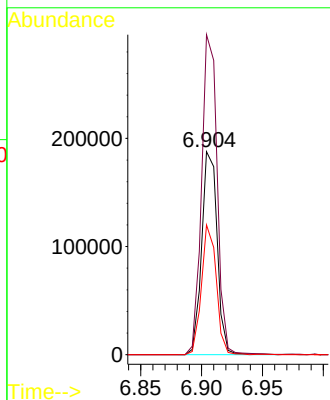
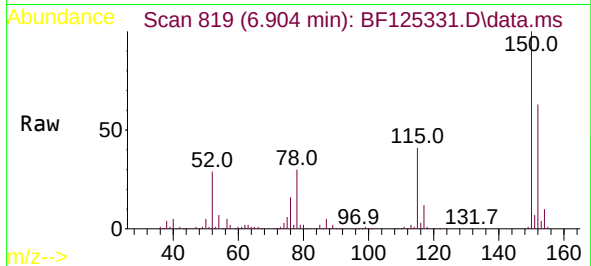




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125331.D
Acq: 2 Sep 2021 20:44

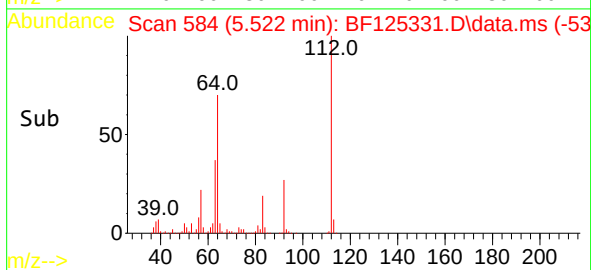
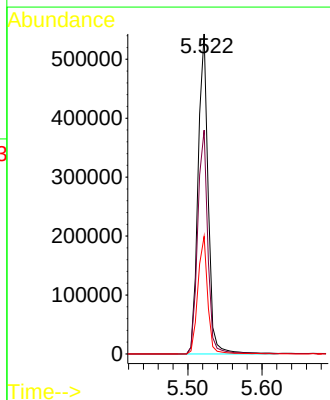
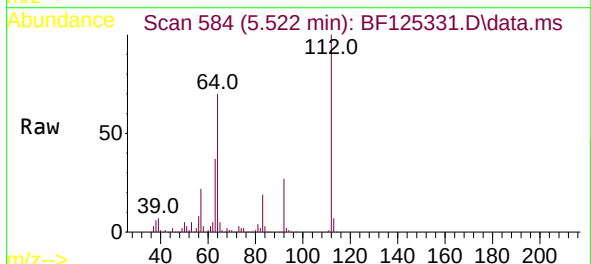
Instrument :
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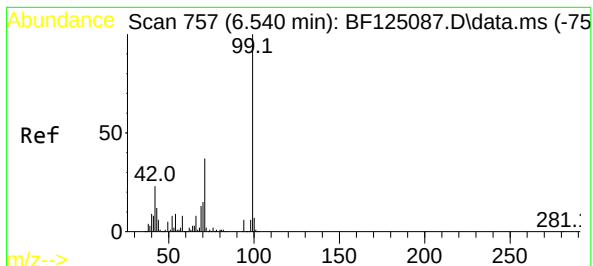
Tgt Ion:152 Resp: 166280
Ion Ratio Lower Upper
152 100
150 157.6 117.6 176.4
115 63.9 47.1 70.7



#5
2-Fluorophenol
Concen: 46.638 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF125331.D
Acq: 2 Sep 2021 20:44

Tgt Ion:112 Resp: 512353
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 36.7 26.2 39.2





#7

Phenol-d6

Concen: 47.084 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF125331.D

Acq: 2 Sep 2021 20:44

Instrument :

BNA_F

ClientSampleId :

HD-01-090121

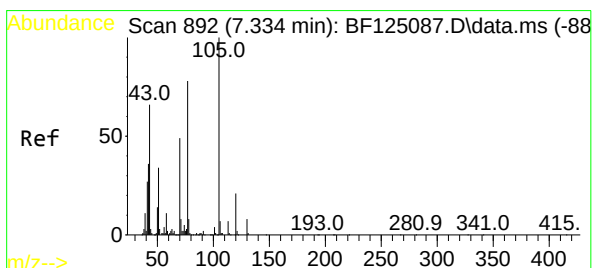
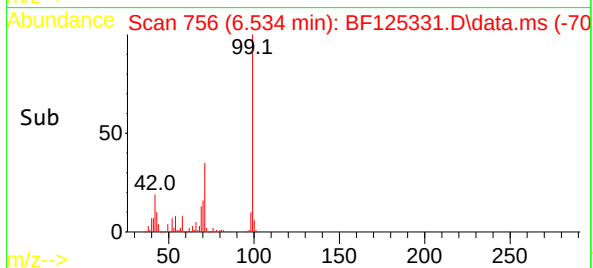
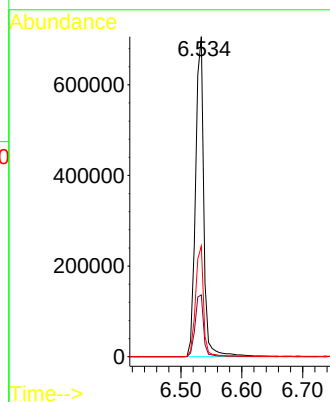
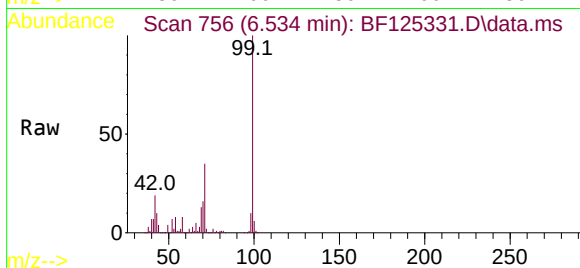
Tgt Ion: 99 Resp: 668975

Ion Ratio Lower Upper

99 100

42 19.3 23.5 35.3#

71 34.5 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 6.476 ng

RT: 7.469 min Scan# 915

Delta R.T. 0.141 min

Lab File: BF125331.D

Acq: 2 Sep 2021 20:44

Tgt Ion: 70 Resp: 55345

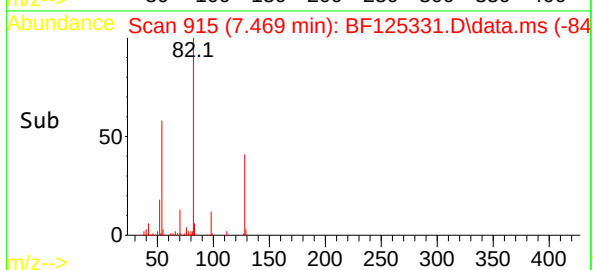
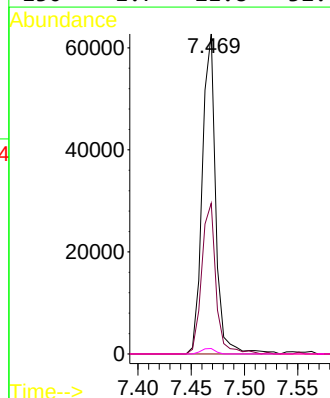
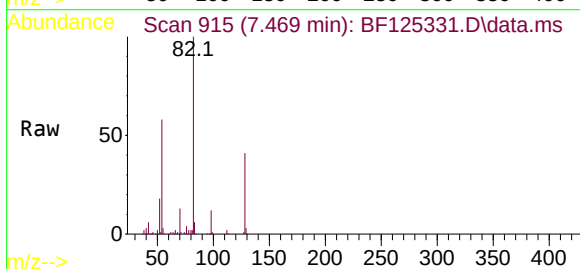
Ion Ratio Lower Upper

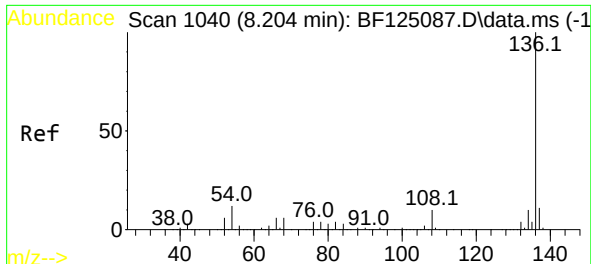
70 100

42 47.1 72.2 108.2#

101 0.0 7.8 11.8#

130 1.7 21.8 32.6#

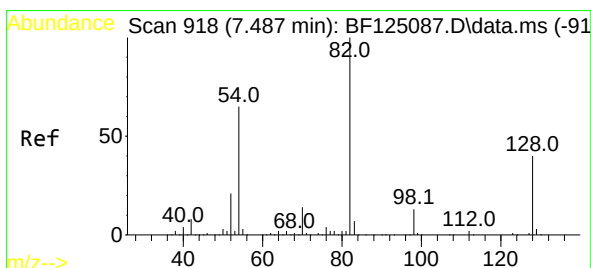
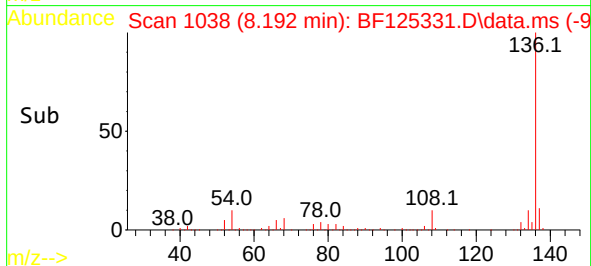
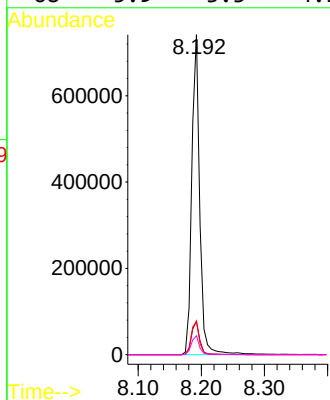
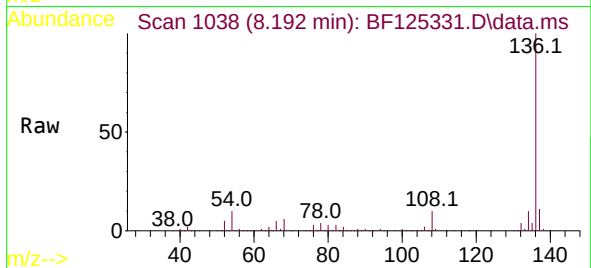




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125331.D
Acq: 2 Sep 2021 20:44

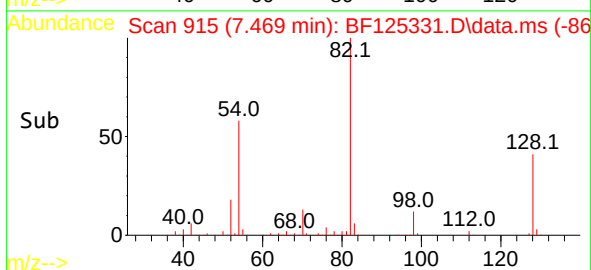
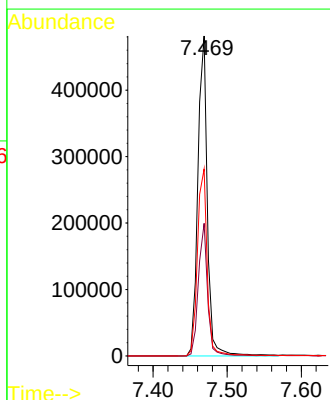
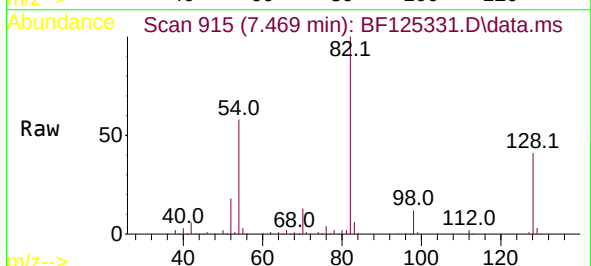
Instrument :
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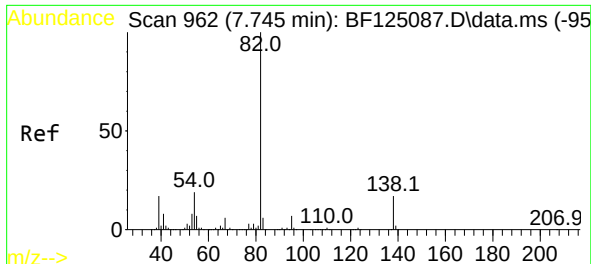
Tgt Ion:136 Resp: 651368
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 10.4 6.4 9.6#
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 32.975 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125331.D
Acq: 2 Sep 2021 20:44

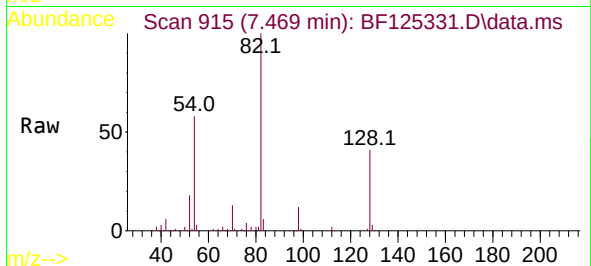
Tgt Ion: 82 Resp: 426646
Ion Ratio Lower Upper
82 100
128 41.5 40.6 60.8
54 58.4 49.6 74.4



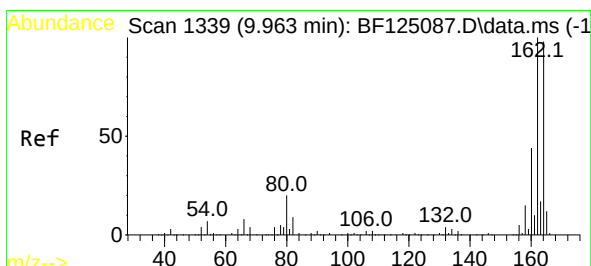
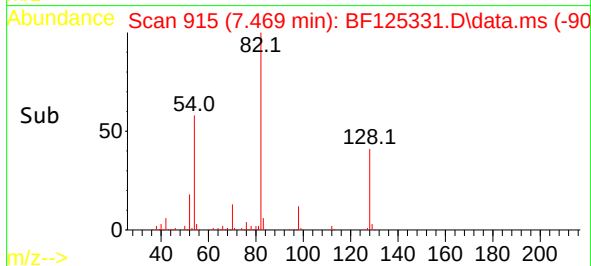
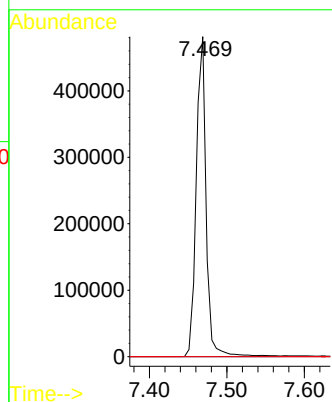


#25
Isophorone
Concen: 17.093 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125331.D
Acq: 2 Sep 2021 20:44

Instrument :
BNA_F
ClientSampleId :
HD-01-090121

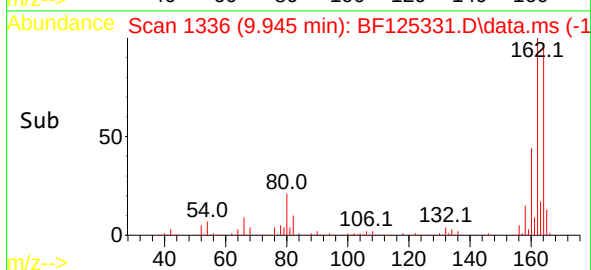
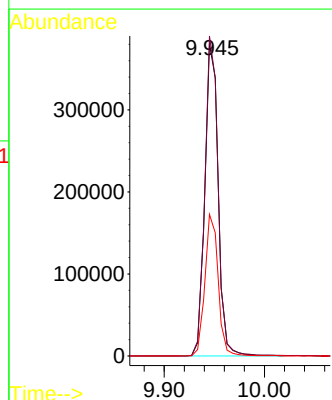
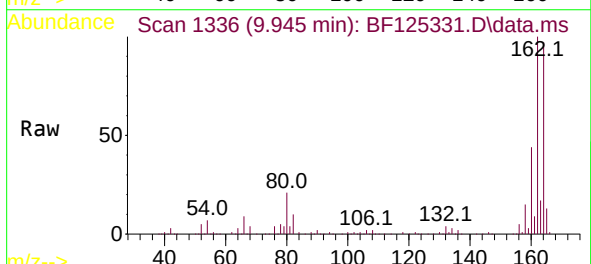


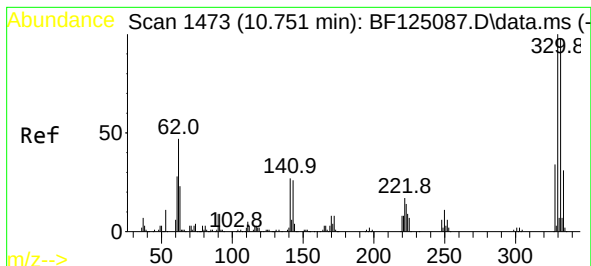
Tgt Ion: 82 Resp: 426641
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125331.D
Acq: 2 Sep 2021 20:44

Tgt Ion: 164 Resp: 354412
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 45.4 38.0 57.0

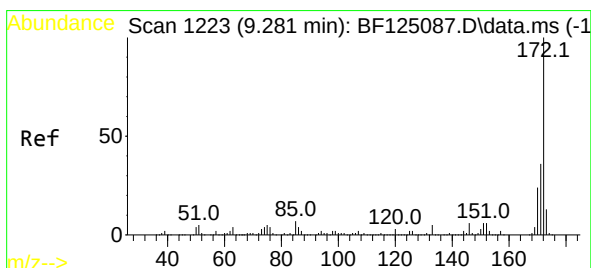
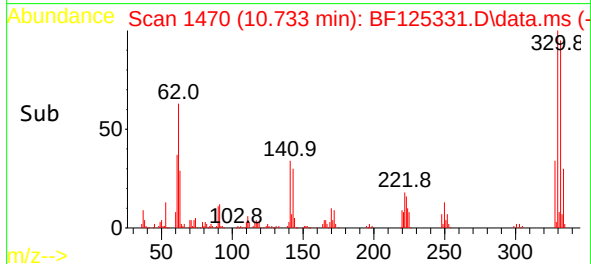
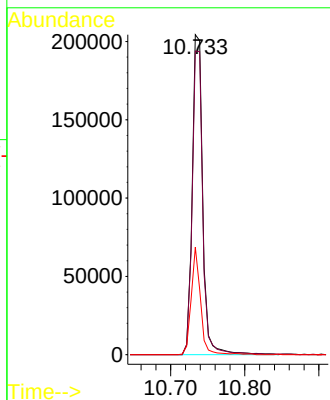
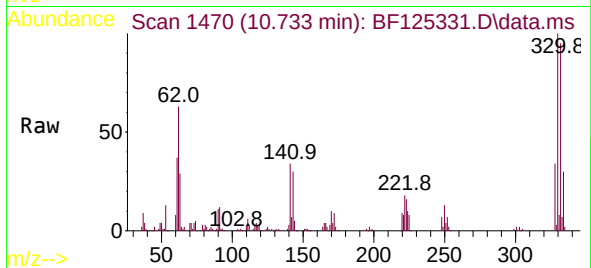




#42
2,4,6-Tribromophenol
Concen: 56.961 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF125331.D
Acq: 2 Sep 2021 20:44

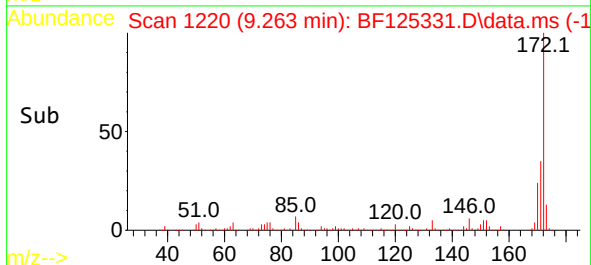
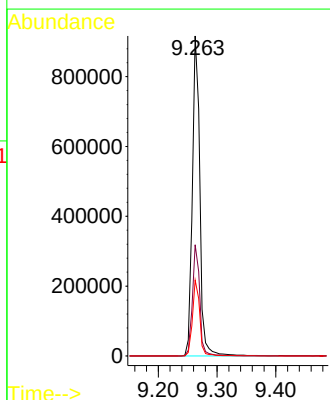
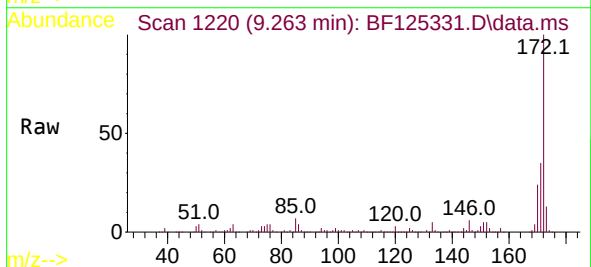
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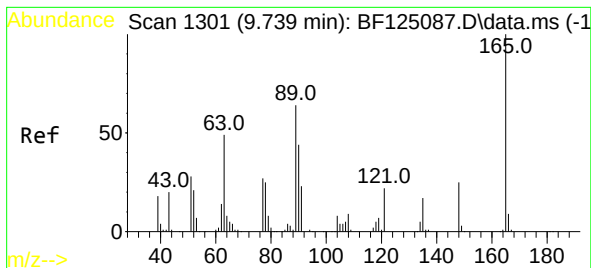
Tgt Ion:330 Resp: 201518
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 29.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 32.118 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF125331.D
Acq: 2 Sep 2021 20:44

Tgt Ion:172 Resp: 816734
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.7 18.8 28.2

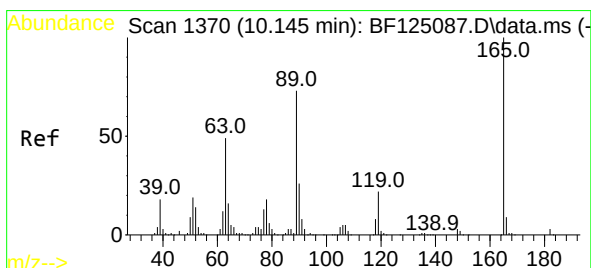
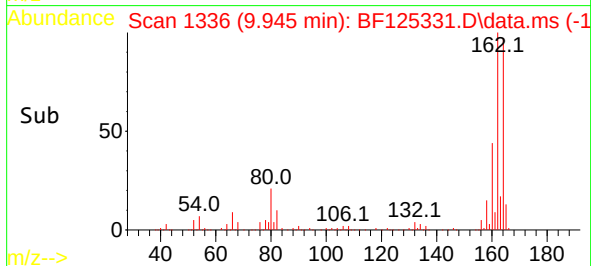
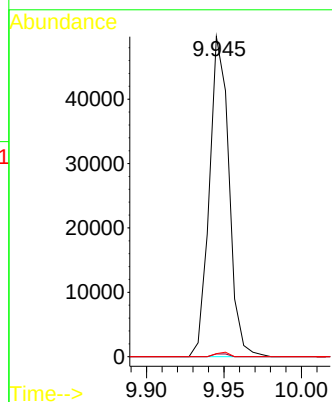
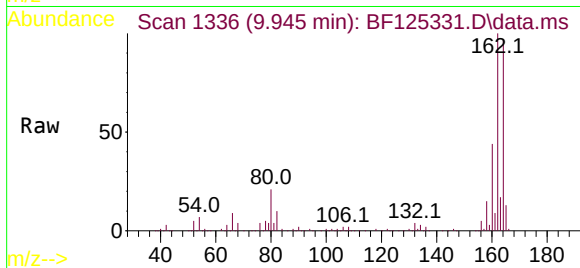




#51
2,6-Dinitrotoluene
Concen: 8.215 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125331.D
Acq: 2 Sep 2021 20:44

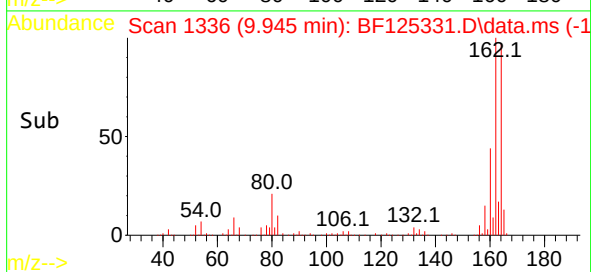
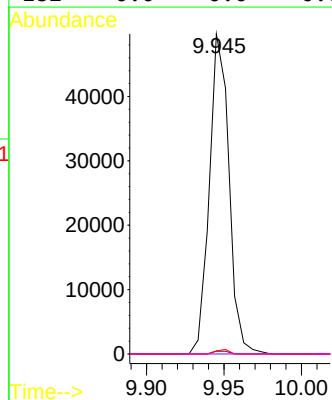
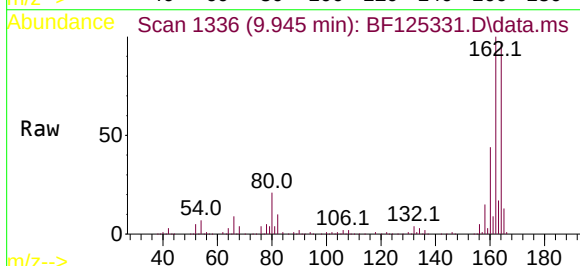
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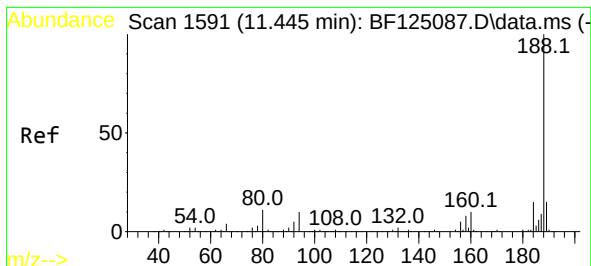
Tgt Ion:165 Resp: 43752
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.788 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125331.D
Acq: 2 Sep 2021 20:44

Tgt Ion:165 Resp: 43752
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

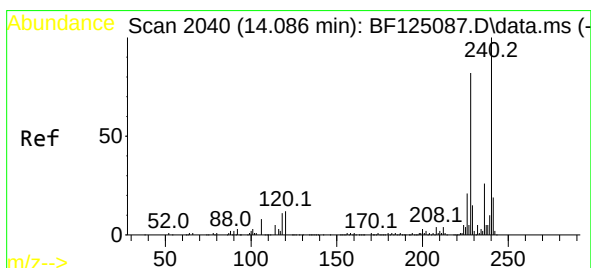
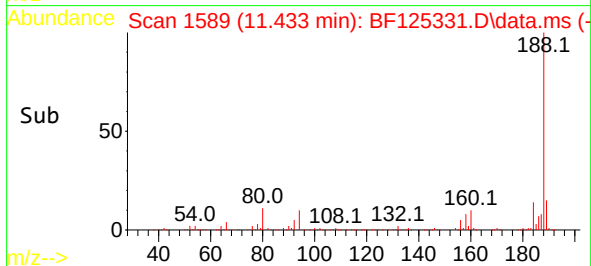
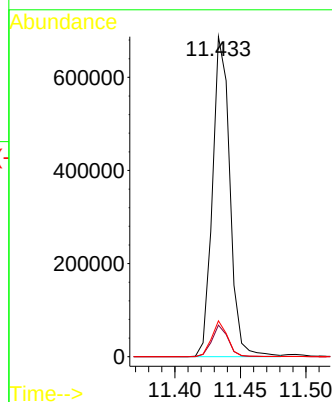
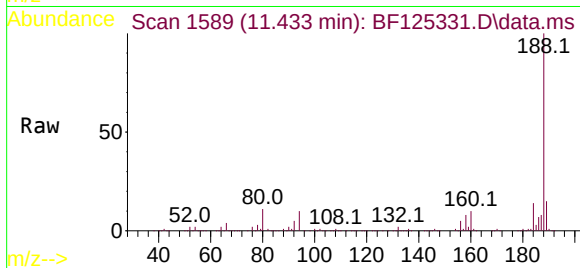




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125331.D
Acq: 2 Sep 2021 20:44

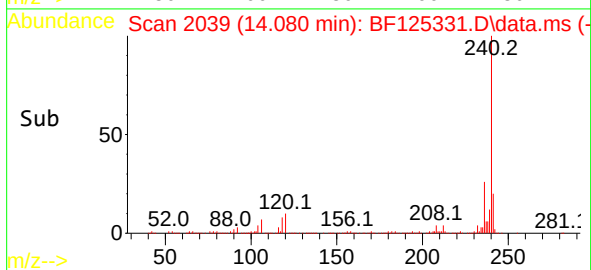
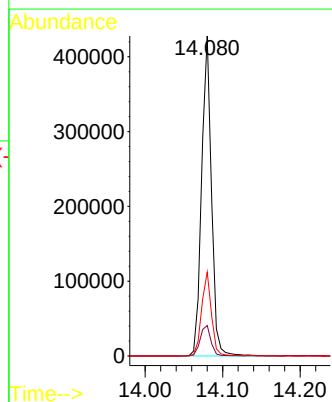
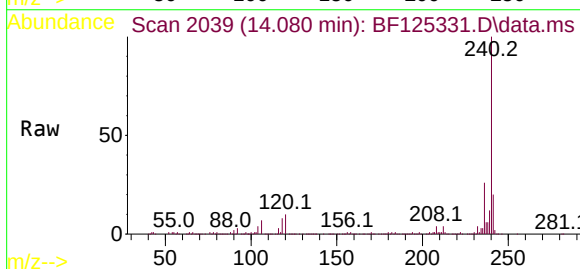
Instrument :
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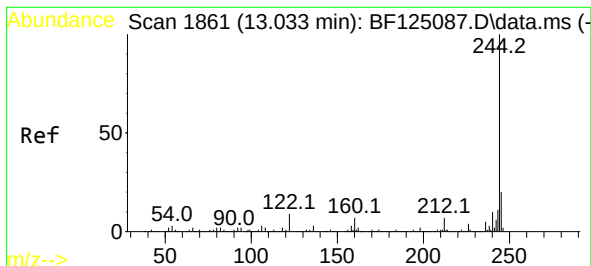
Tgt Ion:188 Resp: 634584
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125331.D
Acq: 2 Sep 2021 20:44

Tgt Ion:240 Resp: 377641
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 26.2 21.6 32.4





#79

Terphenyl-d14

Concen: 32.045 ng

RT: 13.021 min Scan# 1859

Delta R.T. -0.000 min

Lab File: BF125331.D

Acq: 2 Sep 2021 20:44

Tgt Ion:244 Resp: 759633

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

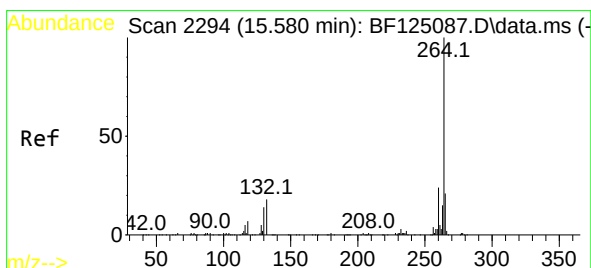
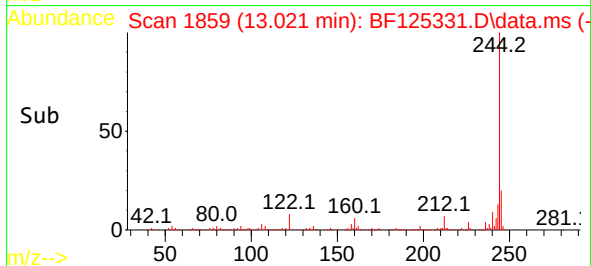
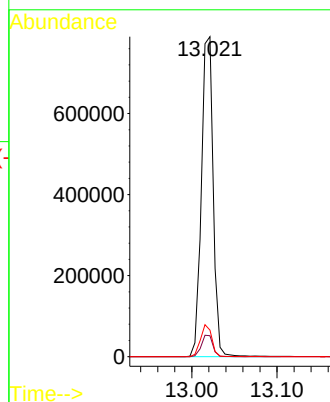
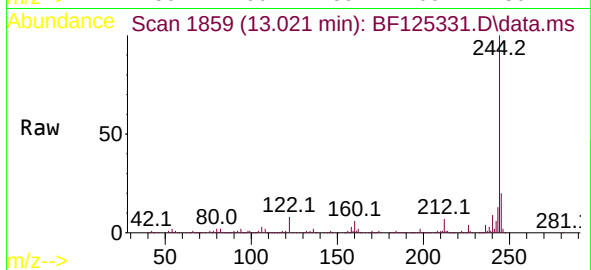
122 8.3 9.0 13.4#

Instrument :

BNA_F

ClientSampleId :

HD-01-090121



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.006 min

Lab File: BF125331.D

Acq: 2 Sep 2021 20:44

Tgt Ion:264 Resp: 408988

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 21.9 17.2 25.8

