

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125330.D
 Acq On : 2 Sep 2021 20:12
 Operator : JU/CG
 Sample : M3627-10 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1

Quant Time: Sep 03 04:59:05 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)

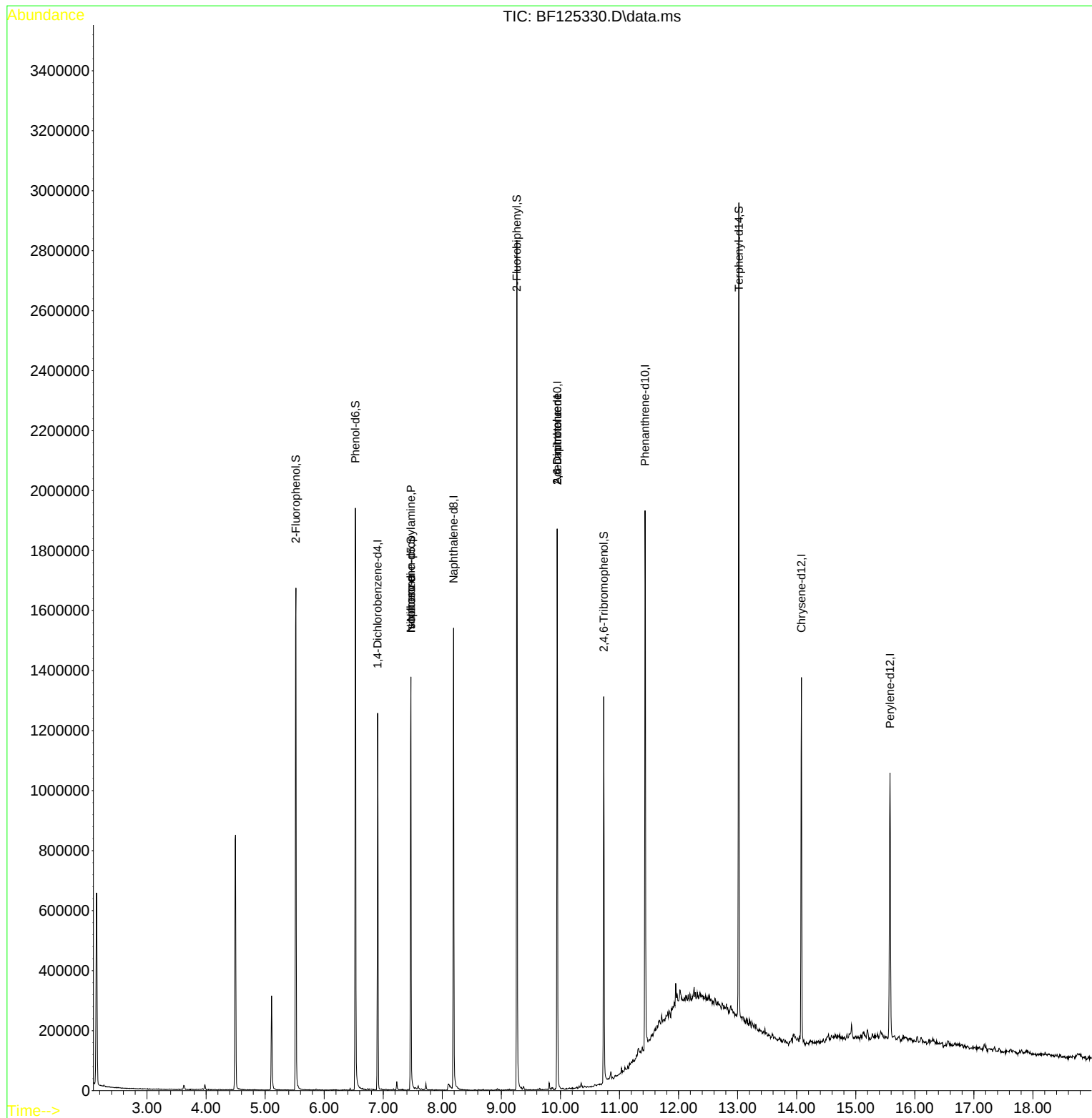
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	172814	20.000	ng	-0.01
21) Naphthalene-d8	8.192	136	688753	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	372610	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	684070	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	426047	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	422955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	440073	38.544	ng	0.00
7) Phenol-d6	6.528	99	636739	43.121	ng	-0.01
23) Nitrobenzene-d5	7.469	82	420804	30.758	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	155935	41.924	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	843510	31.551	ng	-0.01
79) Terphenyl-d14	13.022	244	918357	34.340	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	55913	6.295	ng	# 58
25) Isophorone	7.469	82	420801	15.944	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	48392	8.643	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	48392	7.141	ng	# 20

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

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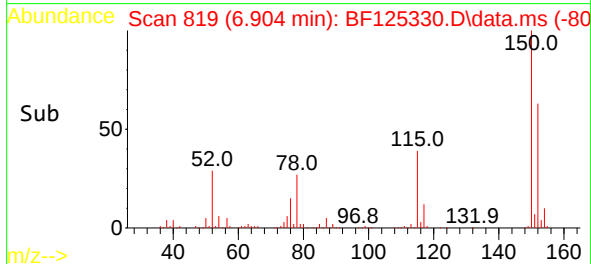
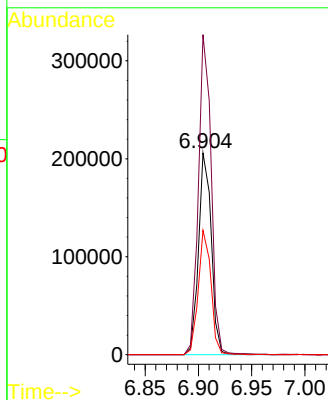
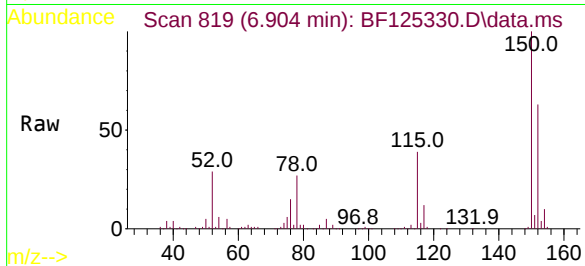




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

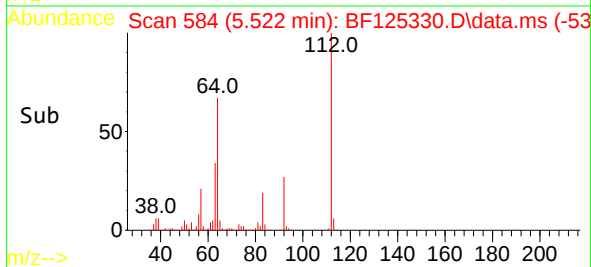
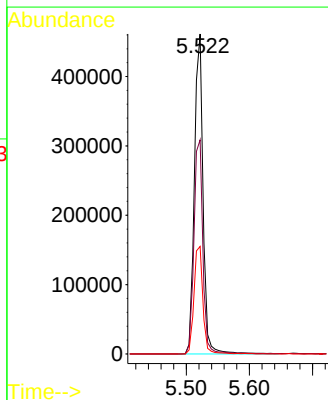
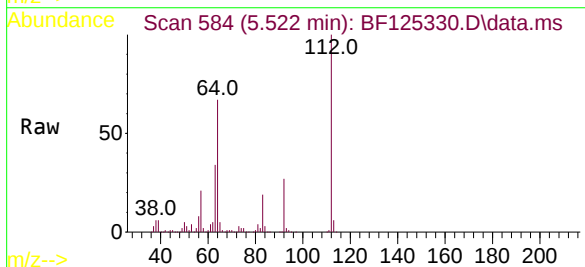
Instrument :
BNA_F
ClientSampled :
T1

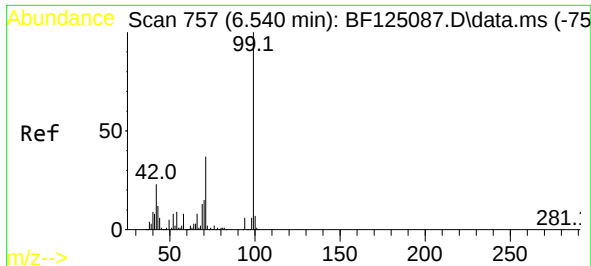
Tgt Ion:152 Resp: 172814
Ion Ratio Lower Upper
152 100
150 158.7 117.6 176.4
115 61.7 47.1 70.7



#5
2-Fluorophenol
Concen: 38.544 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

Tgt Ion:112 Resp: 440073
Ion Ratio Lower Upper
112 100
64 66.9 44.2 66.2#
63 33.6 26.2 39.2

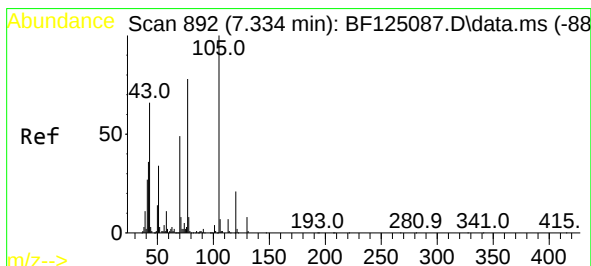
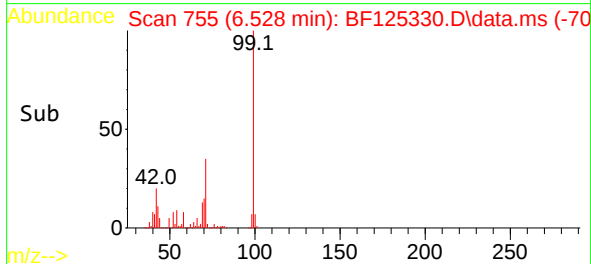
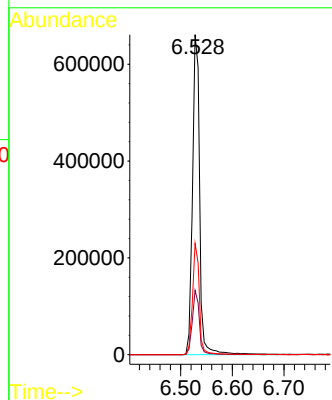
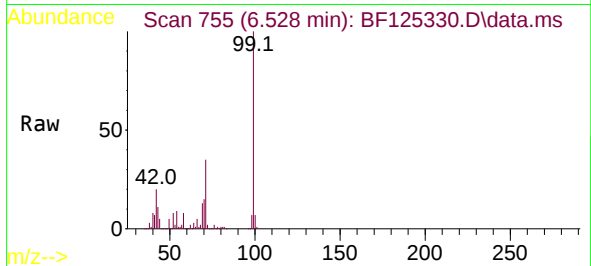




#7
Phenol-d6
Concen: 43.121 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

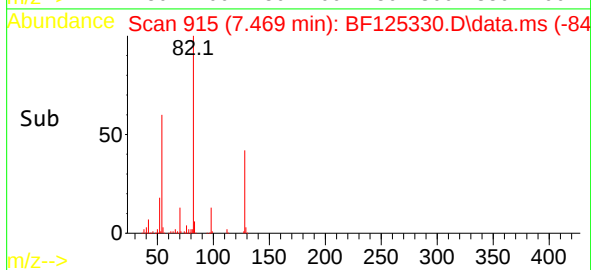
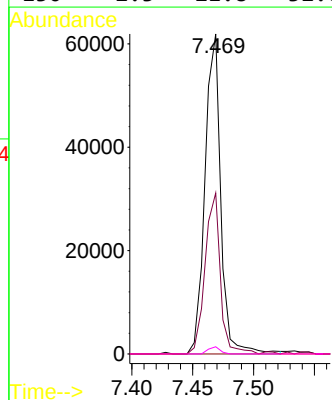
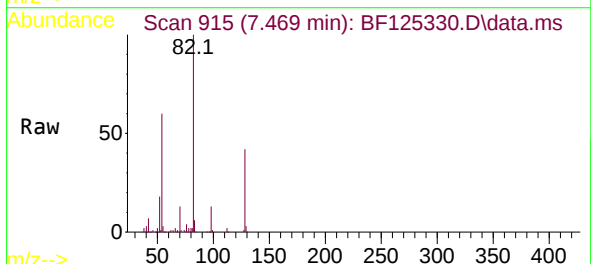
Instrument :
BNA_F
ClientSampleId :
T1

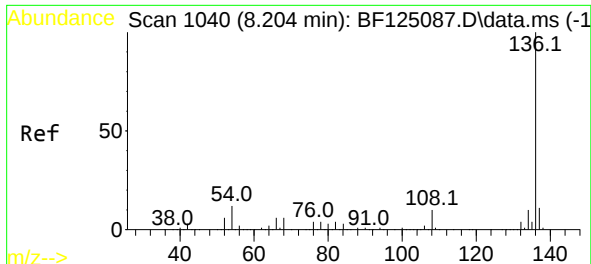
Tgt Ion: 99 Resp: 636739
Ion Ratio Lower Upper
99 100
42 20.1 23.5 35.3#
71 34.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 6.295 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

Tgt Ion: 70 Resp: 55913
Ion Ratio Lower Upper
70 100
42 50.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

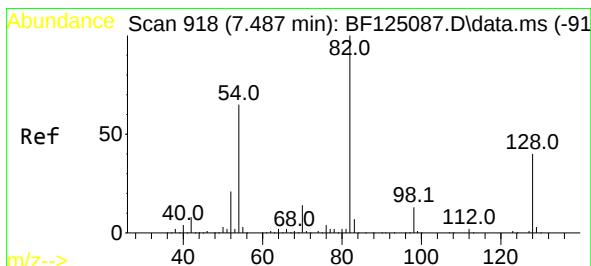
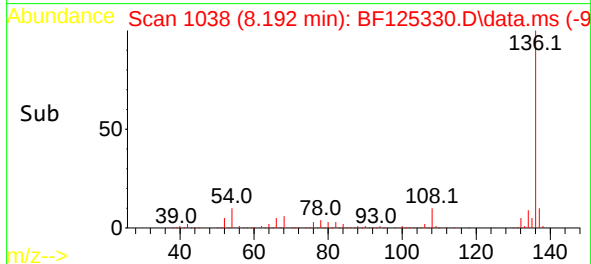
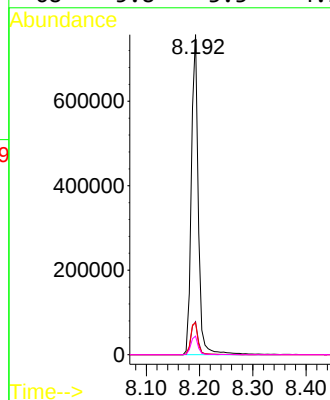
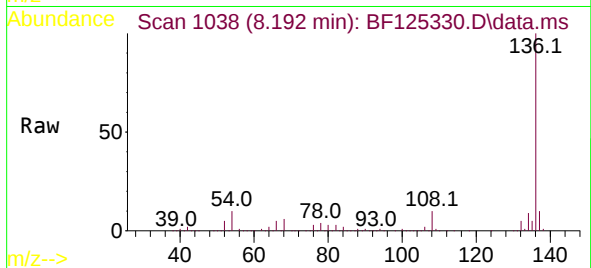




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

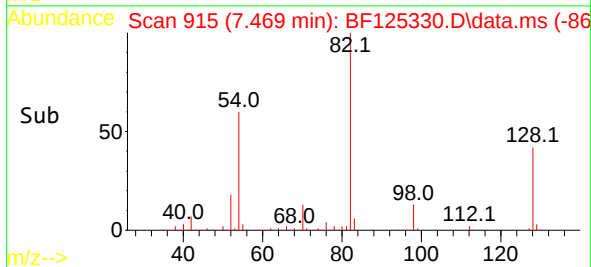
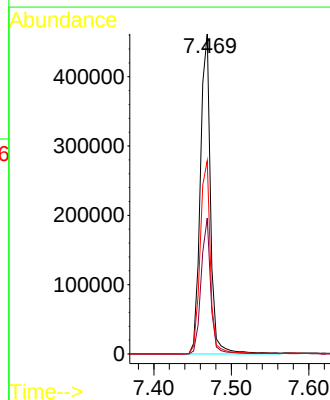
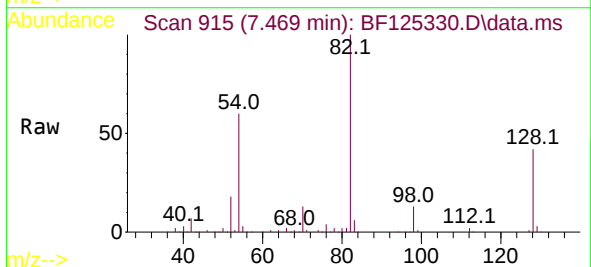
Instrument :
BNA_F
ClientSampleId :
T1

Tgt Ion:136 Resp: 688753
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 9.9 6.4 9.6#
68 5.8 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 30.758 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

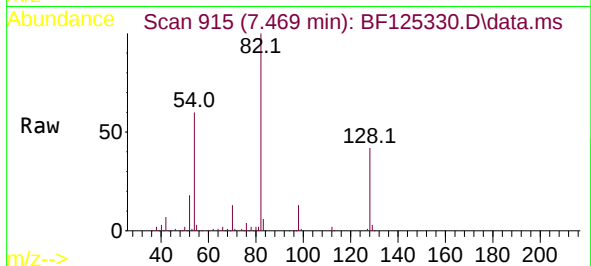
Tgt Ion: 82 Resp: 420804
Ion Ratio Lower Upper
82 100
128 42.5 40.6 60.8
54 60.4 49.6 74.4



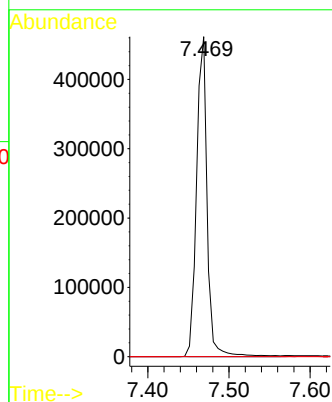
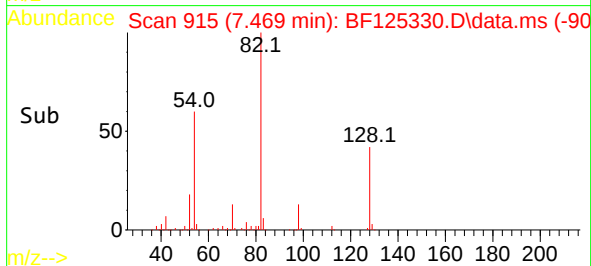


#25
Isophorone
Concen: 15.944 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

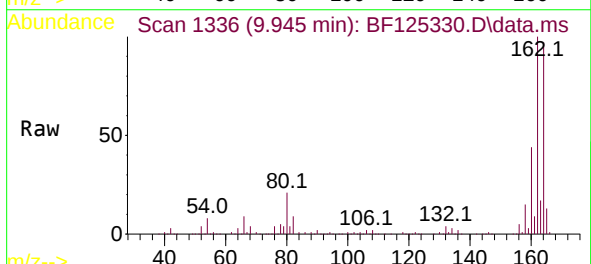
Instrument :
BNA_F
ClientSampleId :
T1



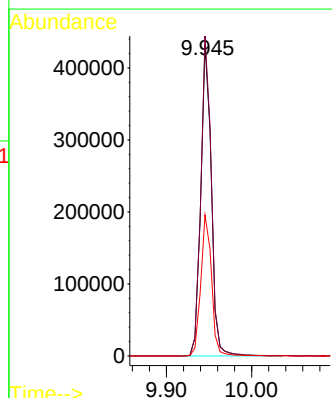
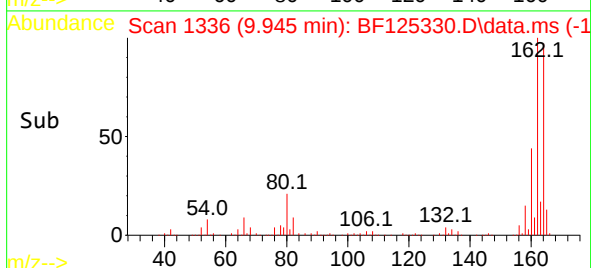
Tgt Ion: 82 Resp: 420801
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

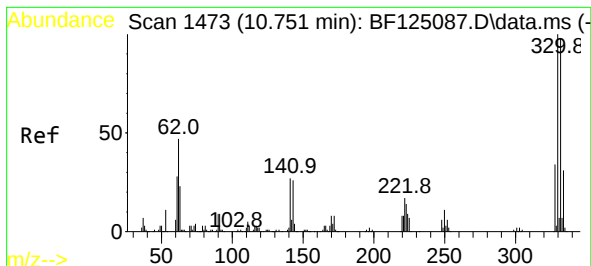


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12



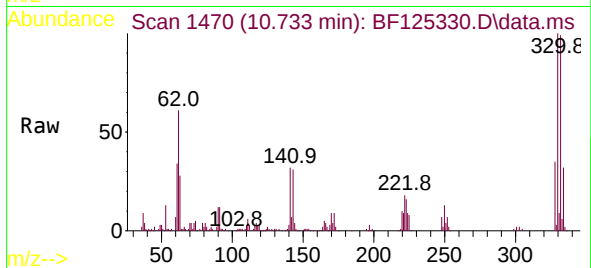
Tgt Ion: 164 Resp: 372610
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 45.3 38.0 57.0



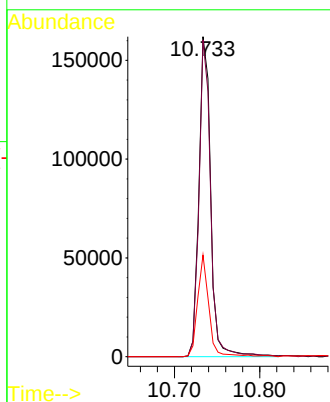
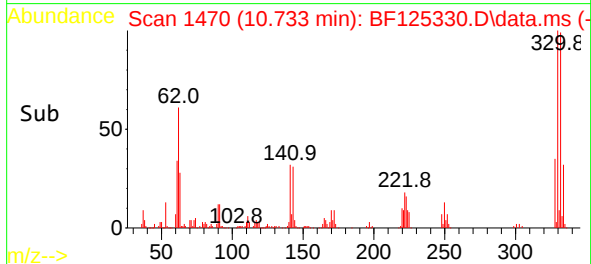


#42
2,4,6-Tribromophenol
Concen: 41.924 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

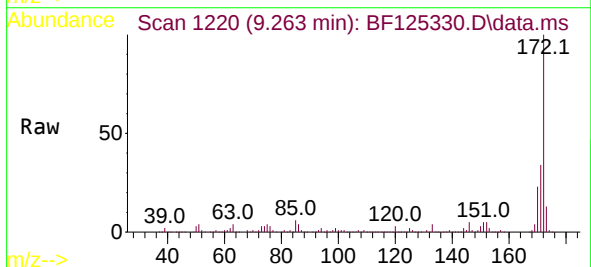
Instrument :
BNA_F
ClientSampleId :
T1



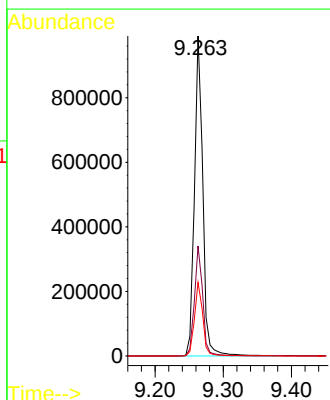
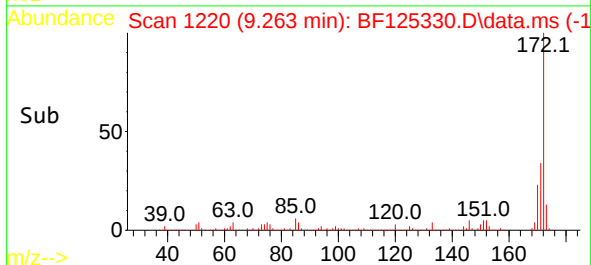
Tgt Ion:330 Resp: 155935
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 30.2 44.6 66.8#

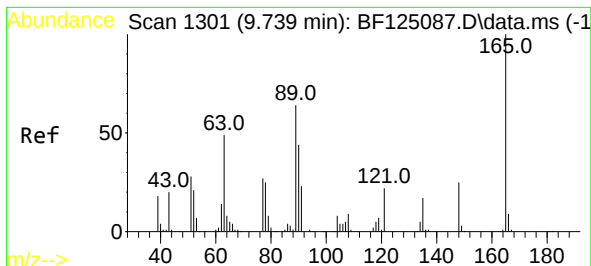


#45
2-Fluorobiphenyl
Concen: 31.551 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12



Tgt Ion:172 Resp: 843510
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.0 18.8 28.2

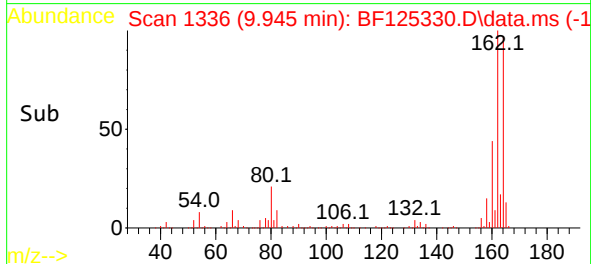
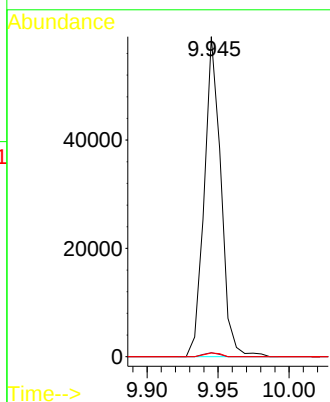
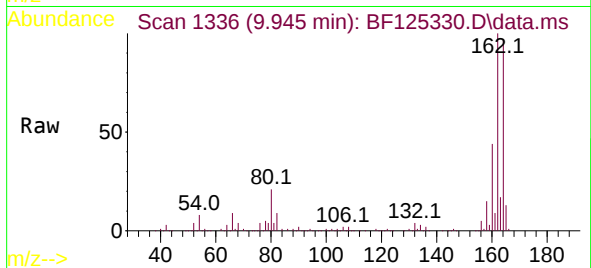




#51
2,6-Dinitrotoluene
Concen: 8.643 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

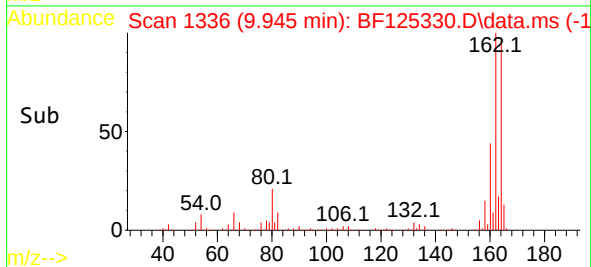
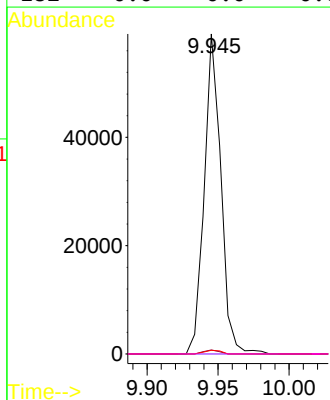
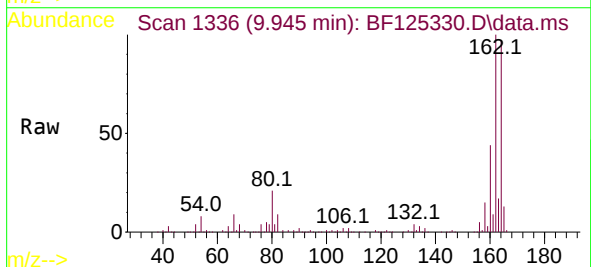
Instrument :
BNA_F
ClientSampled :
T1

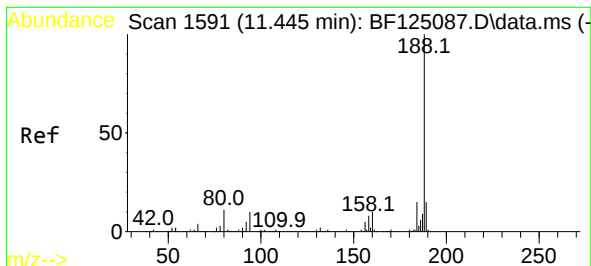
Tgt Ion:165 Resp: 48392
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.141 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

Tgt Ion:165 Resp: 48392
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

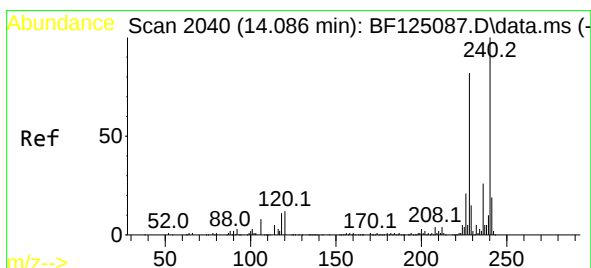
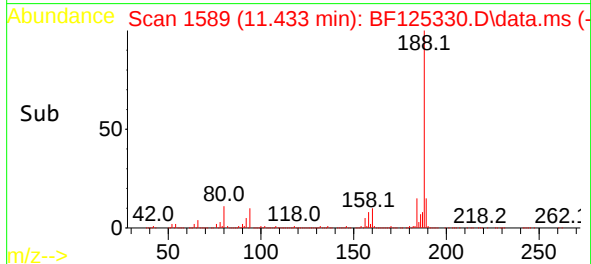
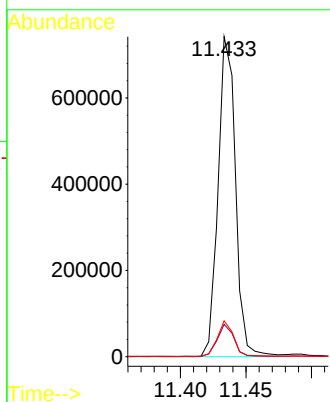
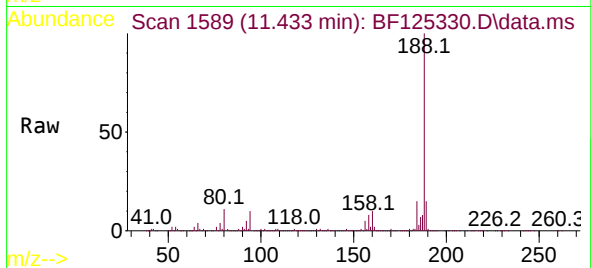




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

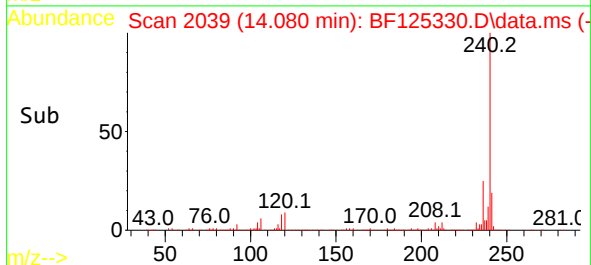
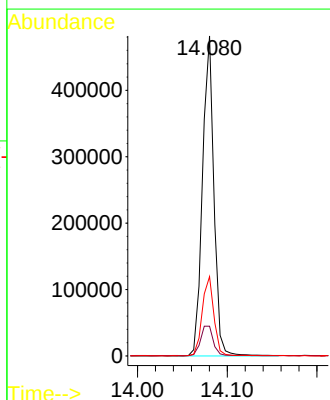
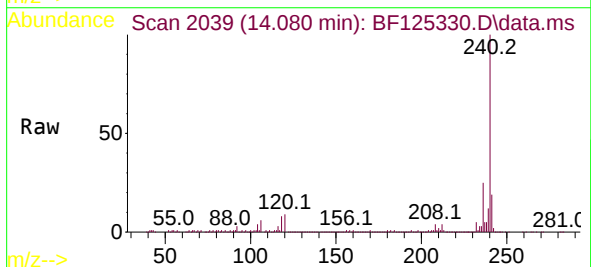
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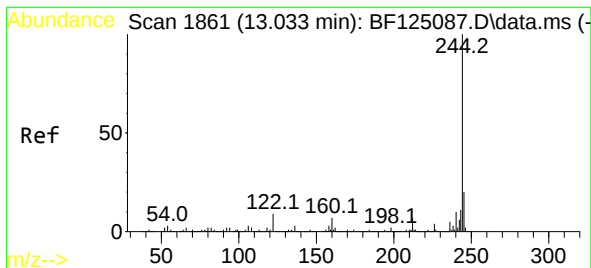
Tgt Ion:188 Resp: 684070
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

Tgt Ion:240 Resp: 426047
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 24.8 21.6 32.4

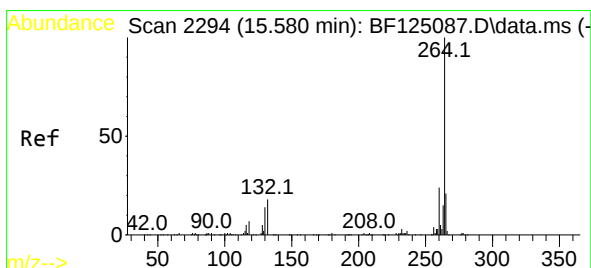
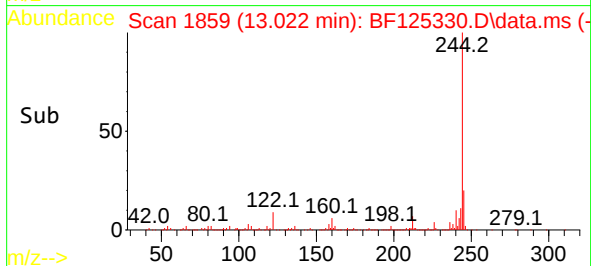
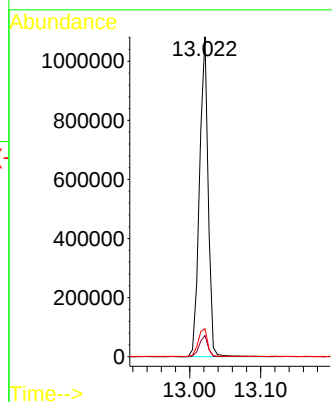
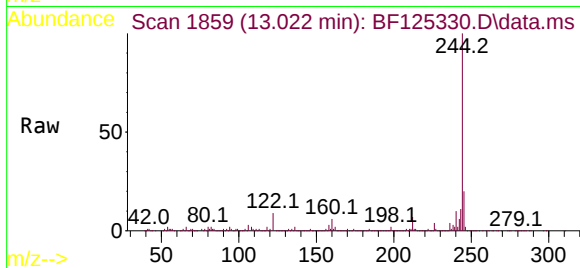




#79
Terphenyl-d14
Concen: 34.340 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

Instrument :
BNA_F
ClientSampleId :
T1

Tgt Ion:244 Resp: 918357
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.8 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125330.D
Acq: 2 Sep 2021 20:12

Tgt Ion:264 Resp: 422955
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 22.2 17.2 25.8

