

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125327.D
 Acq On : 2 Sep 2021 18:36
 Operator : JU/CG
 Sample : M3627-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Quant Time: Sep 03 04:58:11 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)

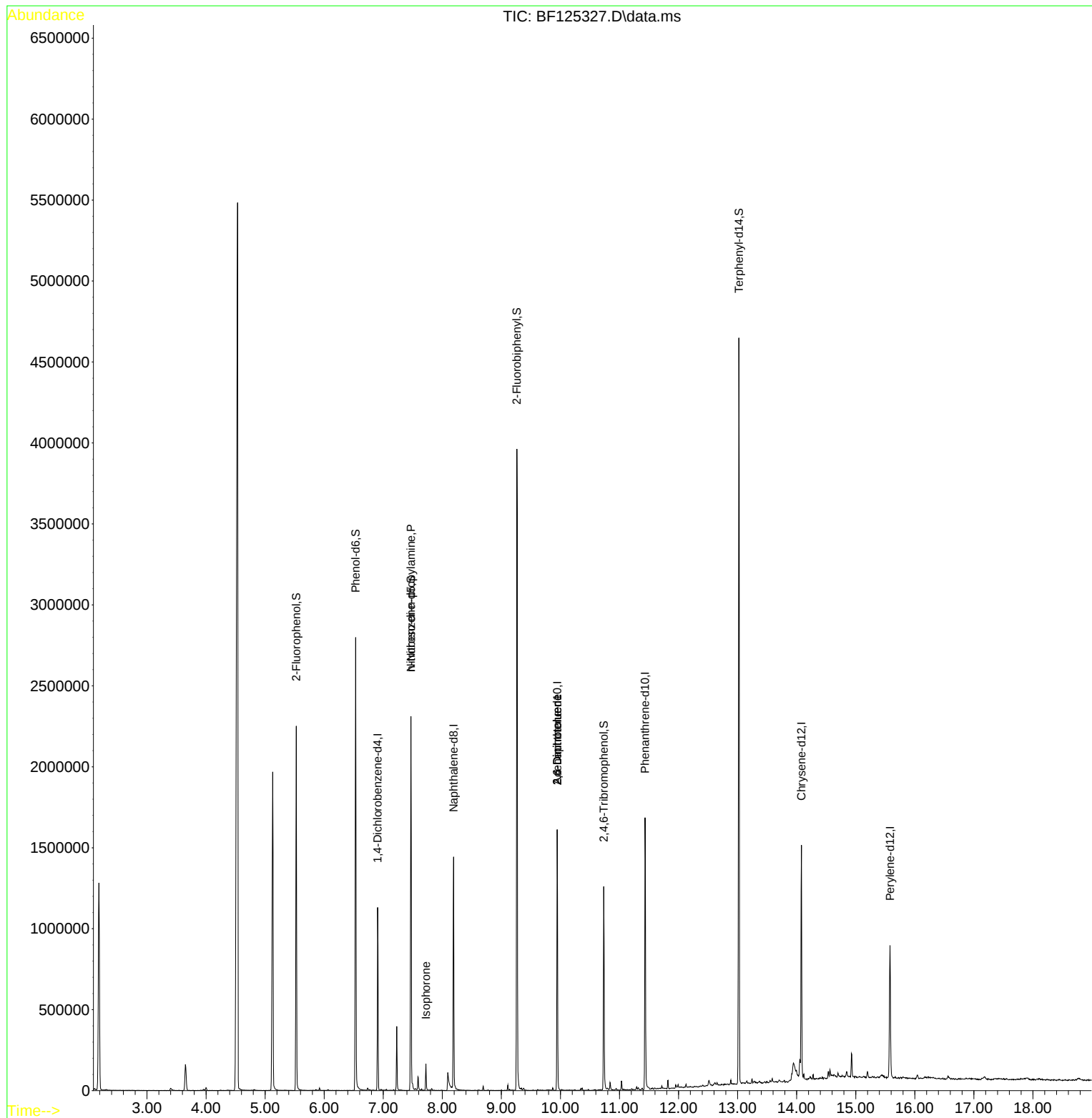
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	153001	20.000	ng	-0.01
21) Naphthalene-d8	8.192	136	602880	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	331009	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	642730	20.000	ng	0.00
76) Chrysene-d12	14.080	240	499530	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	374454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	527828	52.217	ng	0.00
7) Phenol-d6	6.534	99	878866	67.225	ng	0.00
23) Nitrobenzene-d5	7.469	82	708290	59.146	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	154634	46.799	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1303390	54.880	ng	-0.01
79) Terphenyl-d14	13.021	244	1692693	53.983	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	96072	12.218	ng	# 57
25) Isophorone	7.722	82	59175	2.562	ng	# 88
51) 2,6-Dinitrotoluene	9.945	165	42290	8.502	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	42290	7.025	ng	# 20

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

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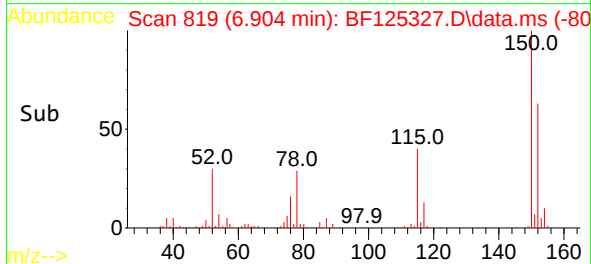
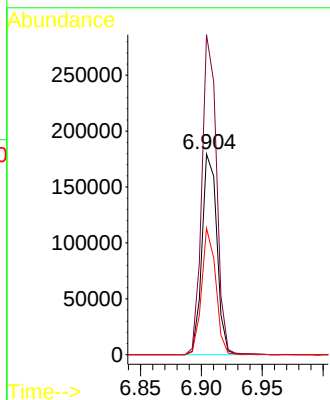
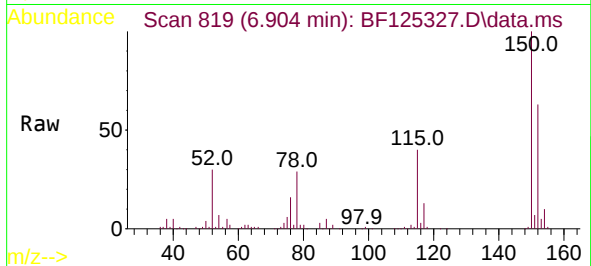




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

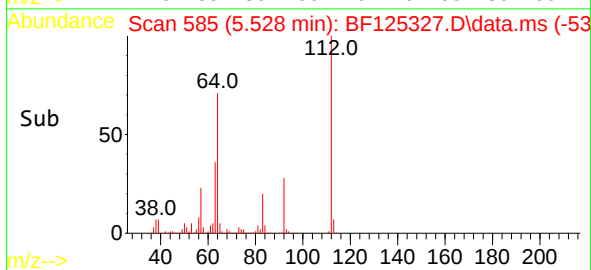
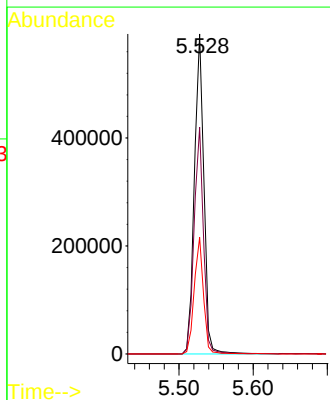
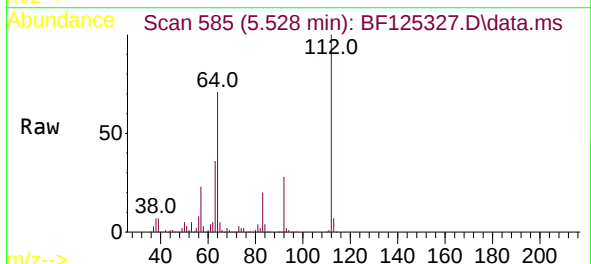
Instrument :
BNA_F
ClientSampled :
T-2

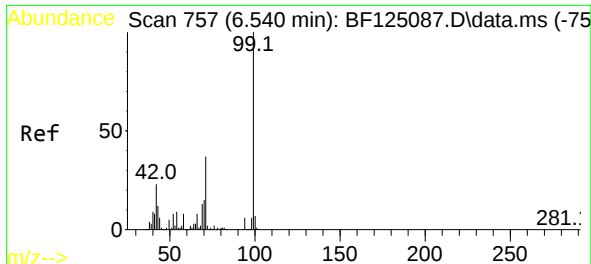
Tgt Ion:152 Resp: 153001
Ion Ratio Lower Upper
152 100
150 159.5 117.6 176.4
115 63.1 47.1 70.7



#5
2-Fluorophenol
Concen: 52.217 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

Tgt Ion:112 Resp: 527828
Ion Ratio Lower Upper
112 100
64 70.9 44.2 66.2#
63 36.4 26.2 39.2

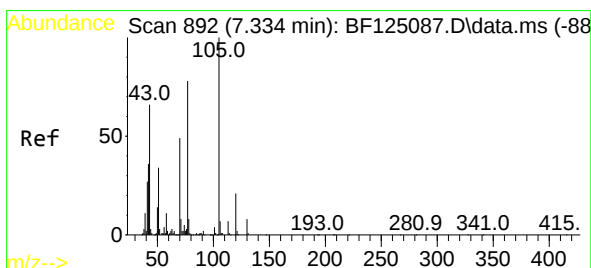
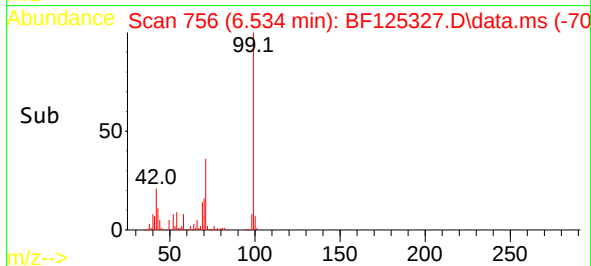
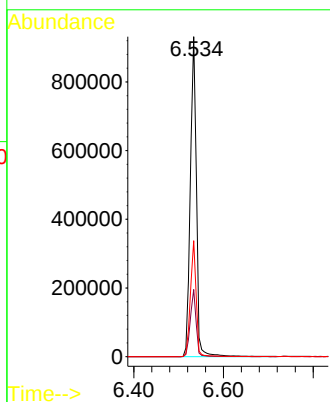
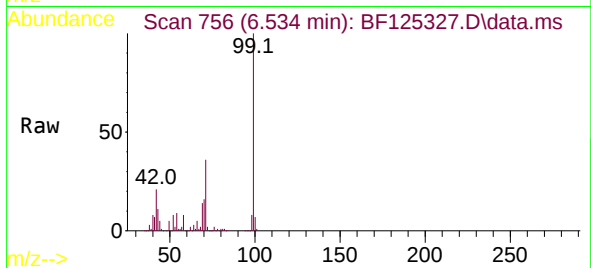




#7
Phenol-d6
Concen: 67.225 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

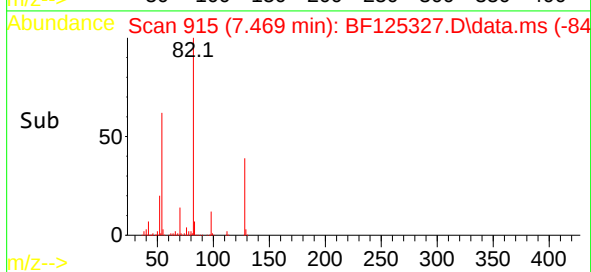
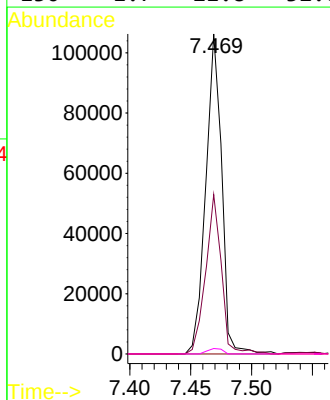
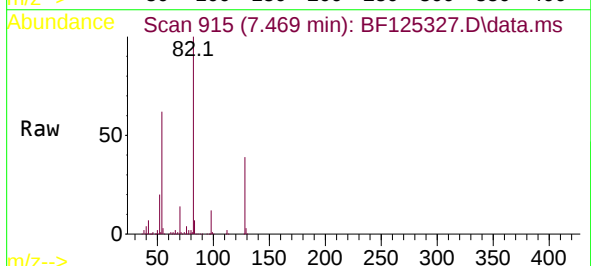
Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion: 99 Resp: 878866
Ion Ratio Lower Upper
99 100
42 21.0 23.5 35.3#
71 36.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.218 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

Tgt Ion: 70 Resp: 96072
Ion Ratio Lower Upper
70 100
42 49.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

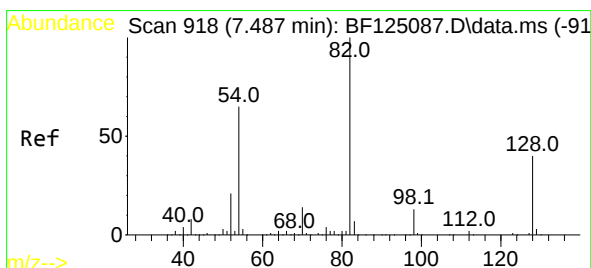
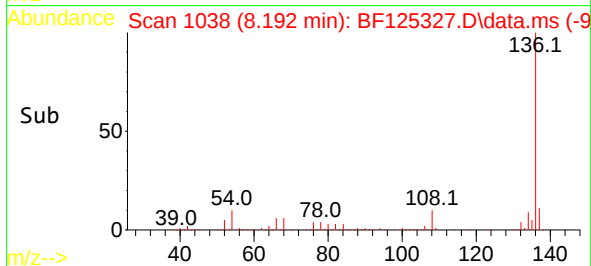
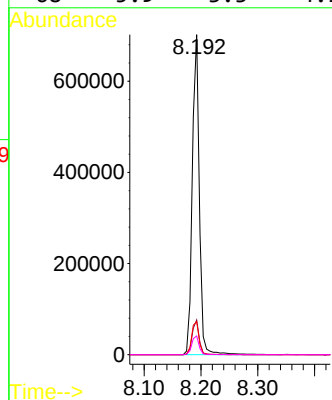
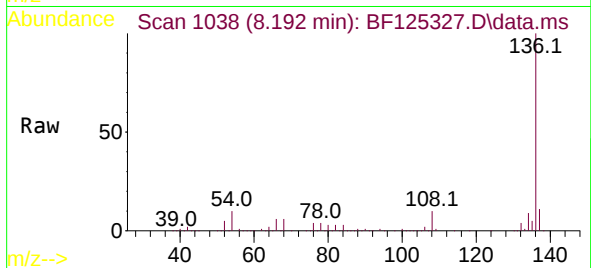




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

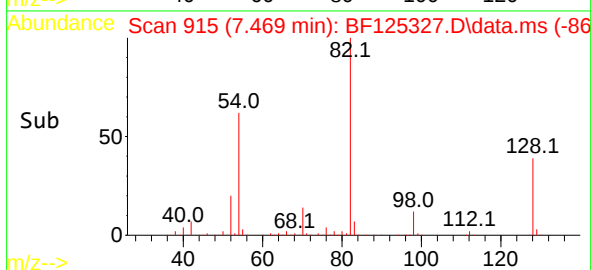
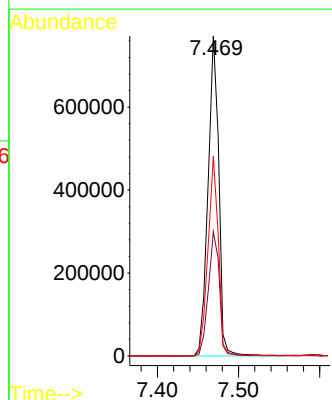
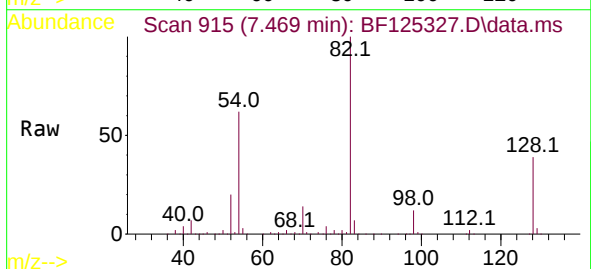
Instrument :
BNA_F
ClientSampled :
T-2

Tgt Ion:136 Resp: 602880
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.3 6.4 9.6#
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 59.146 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

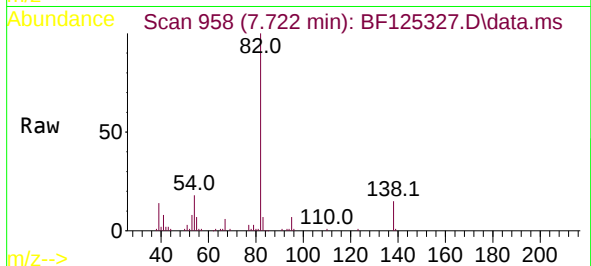
Tgt Ion: 82 Resp: 708290
Ion Ratio Lower Upper
82 100
128 38.8 40.6 60.8#
54 62.4 49.6 74.4



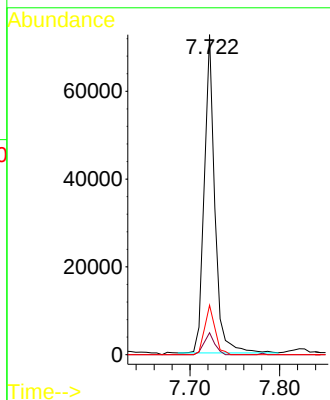
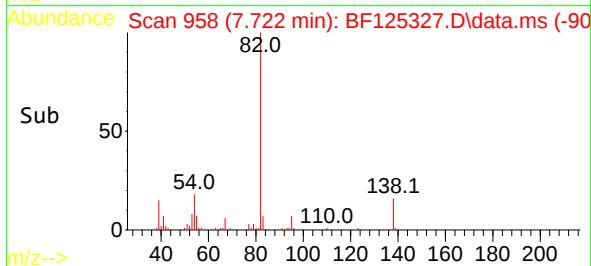


#25
Isophorone
Concen: 2.562 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.012 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

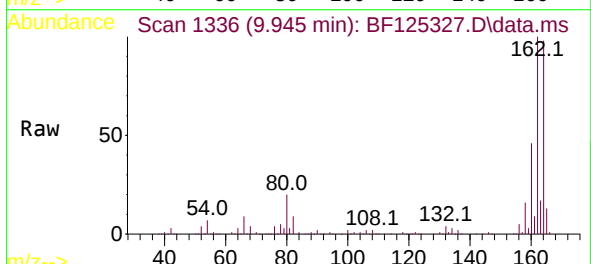
Instrument :
BNA_F
ClientSampleId :
T-2



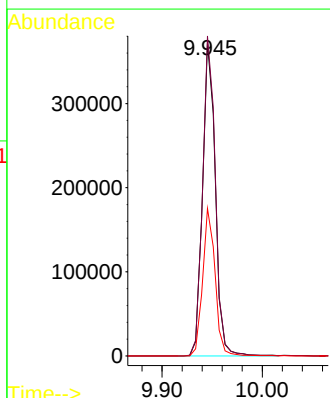
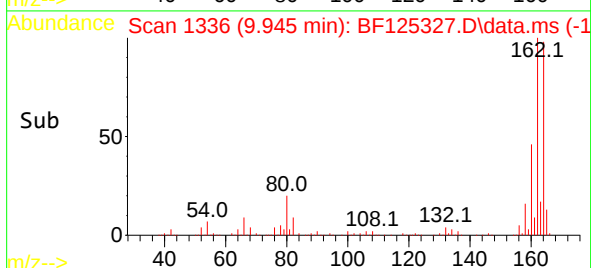
Tgt Ion: 82 Resp: 59175
Ion Ratio Lower Upper
82 100
95 6.9 6.5 9.7
138 15.5 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36



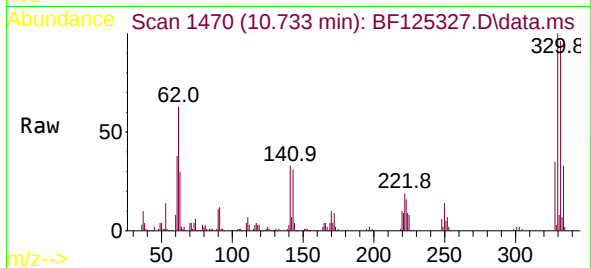
Tgt Ion: 164 Resp: 331009
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 47.1 38.0 57.0



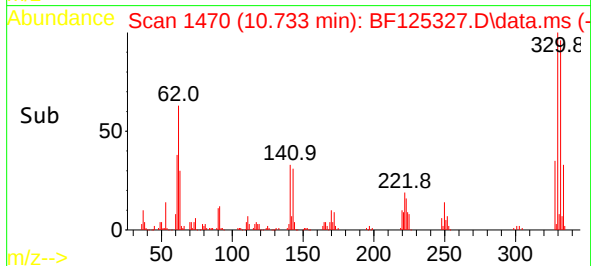
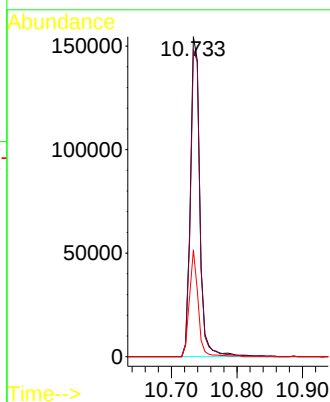


#42
2,4,6-Tribromophenol
Concen: 46.799 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

Instrument :
BNA_F
ClientSampleId :
T-2

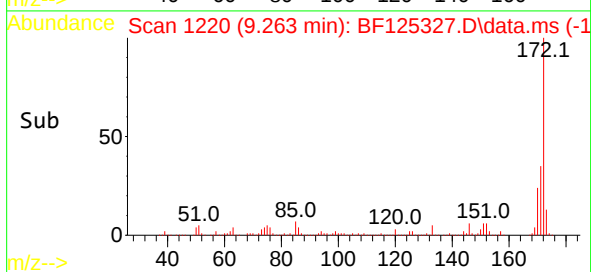
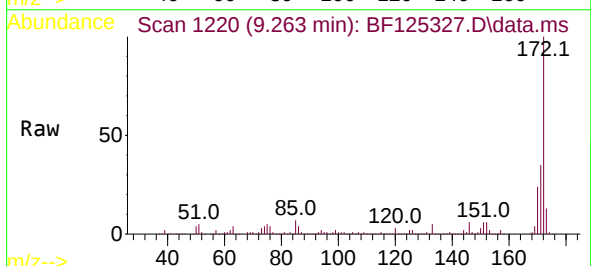
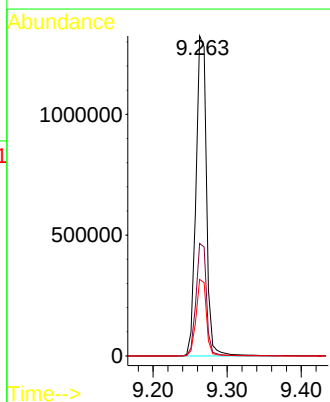


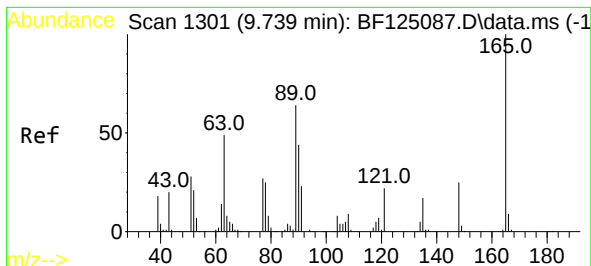
Tgt Ion:330 Resp: 154634
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 30.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 54.880 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

Tgt Ion:172 Resp: 1303390
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.9 18.8 28.2

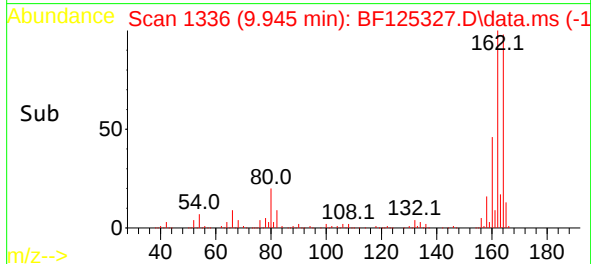
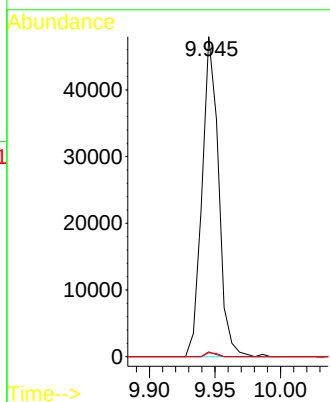
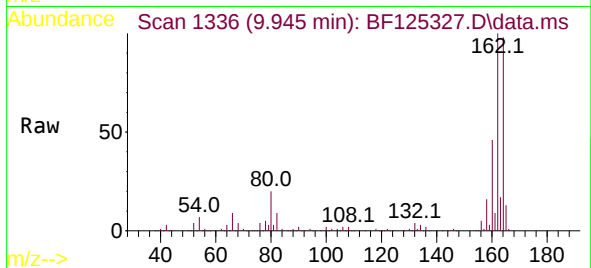




#51
2,6-Dinitrotoluene
Concen: 8.502 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

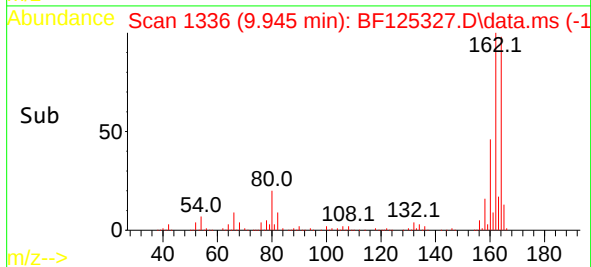
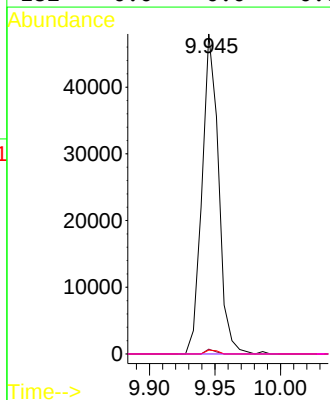
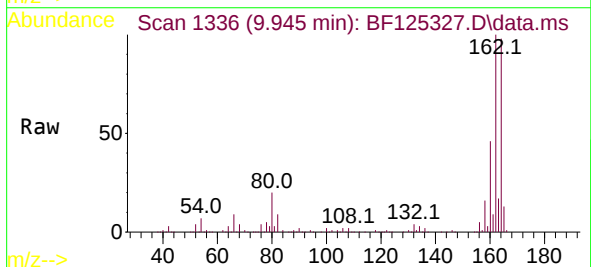
Instrument :
BNA_F
ClientSampled :
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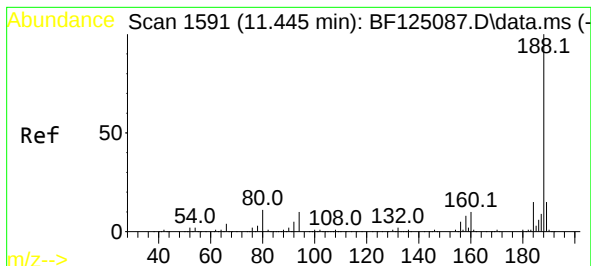
Tgt Ion:165 Resp: 42290
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.025 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

Tgt Ion:165 Resp: 42290
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

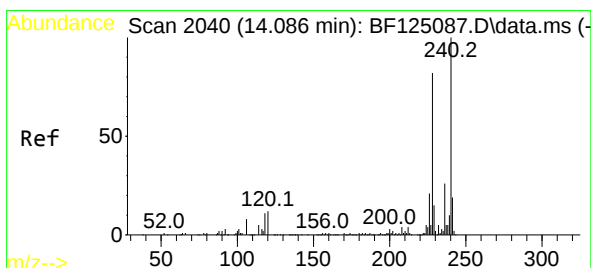
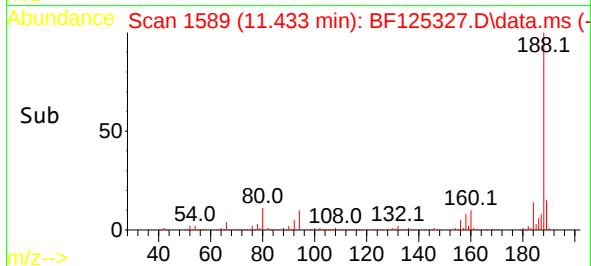
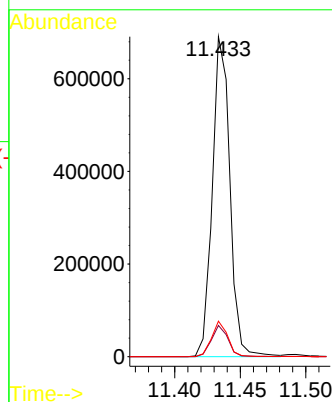
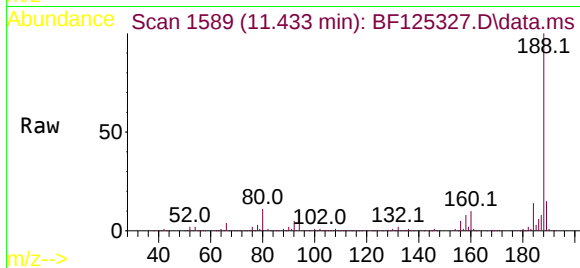




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

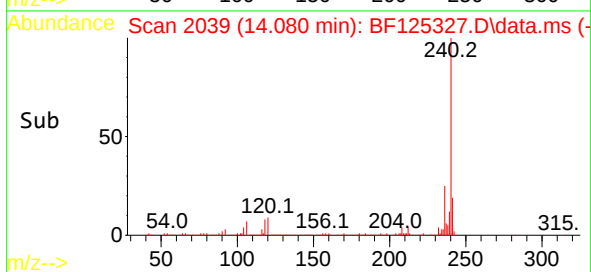
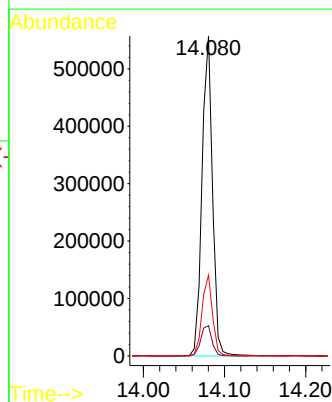
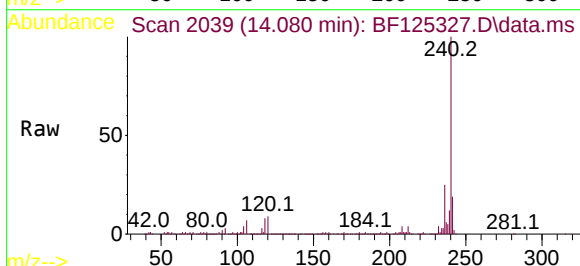
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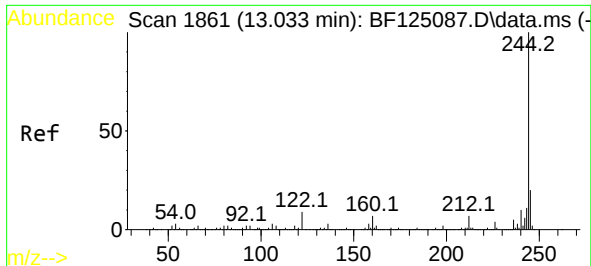
Tgt Ion:188 Resp: 642730
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 11.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

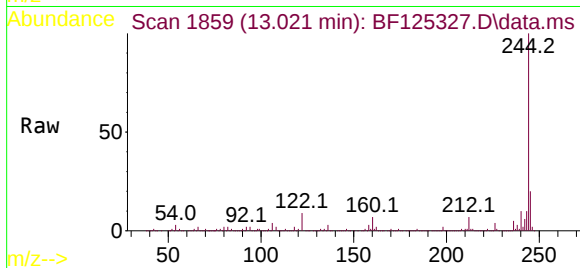
Tgt Ion:240 Resp: 499530
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 25.2 21.6 32.4



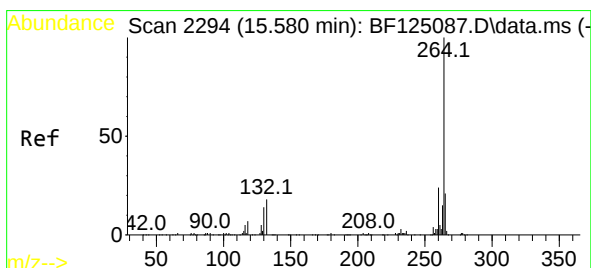
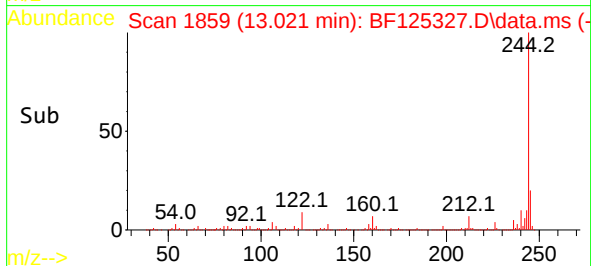
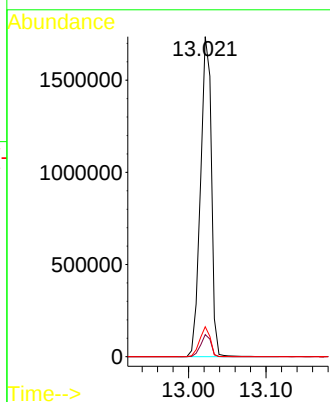


#79
Terphenyl-d14
Concen: 53.983 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125327.D
Acq: 2 Sep 2021 18:36

Instrument :
BNA_F
ClientSampled :
T-2



Tgt Ion:244 Resp: 1692693
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.4 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: BF125327.D
Acq: 2 Sep 2021 18:36

Tgt Ion:264 Resp: 374454
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.8 17.2 25.8

