

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125113.D
 Acq On : 19 Aug 2021 14:27
 Operator : JU/CG
 Sample : M3451-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-0-5-COMP

Quant Time: Aug 19 15:50:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

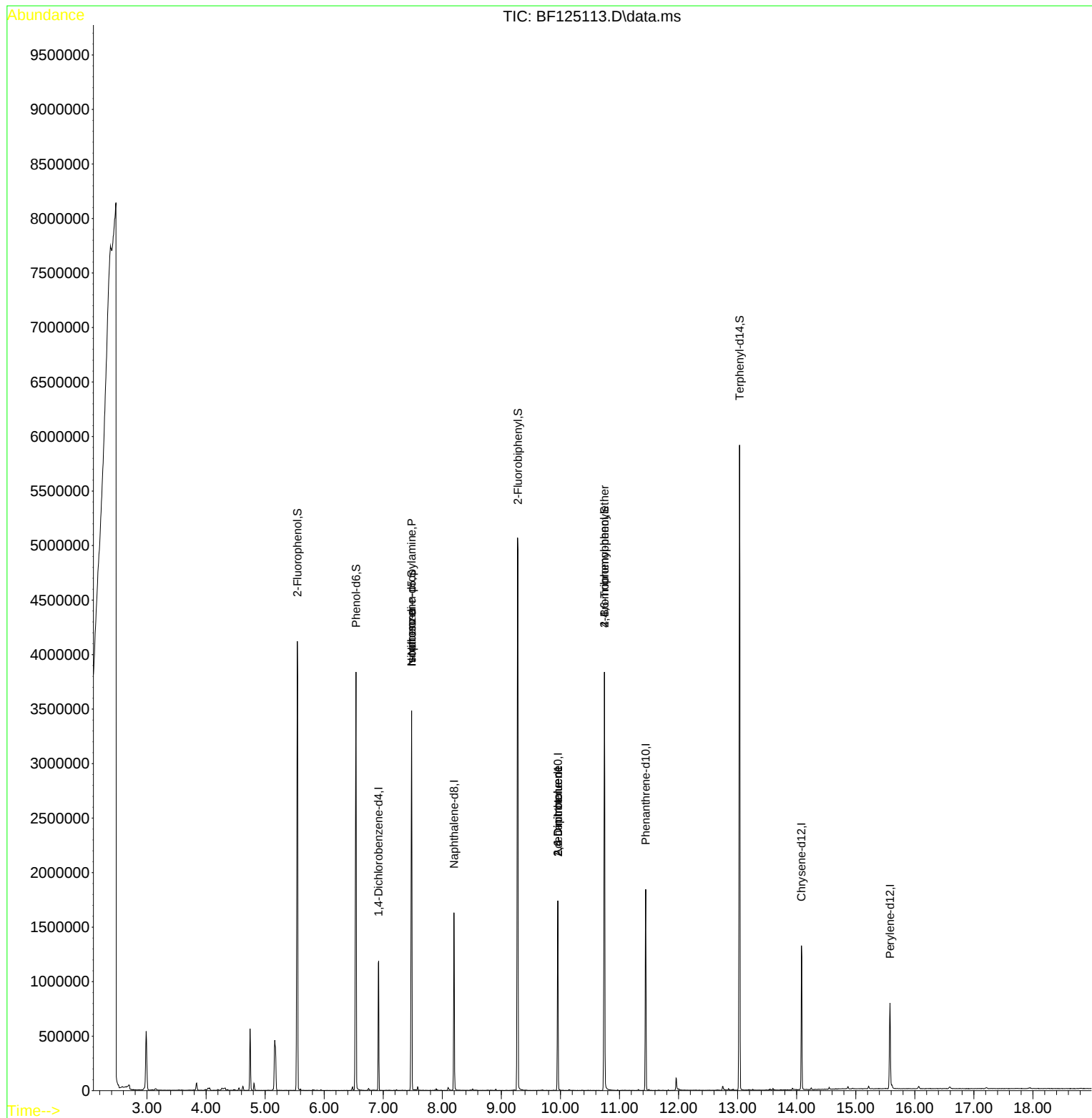
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	171220	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	659740	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	356636	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	652721	20.000	ng	0.00
76) Chrysene-d12	14.080	240	472325	20.000	ng	0.00
86) Perylene-d12	15.580	264	361050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1184676	104.726	ng	0.01
7) Phenol-d6	6.539	99	1310280	89.560	ng	0.00
23) Nitrobenzene-d5	7.481	82	1134451	86.569	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	515125	144.697	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1907973	74.563	ng	0.00
79) Terphenyl-d14	13.033	244	2295339	77.419	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	155807	17.706	ng	# 59
25) Isophorone	7.481	82	1131979	44.777	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	43571	8.130	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	43571	6.718	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	31312	3.995	ng	# 1

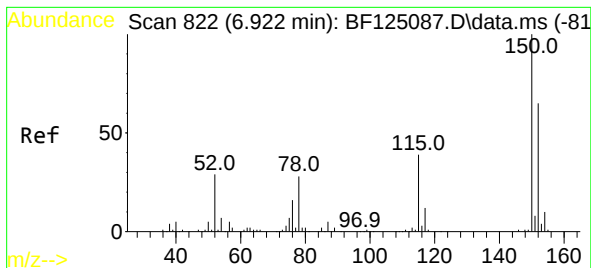
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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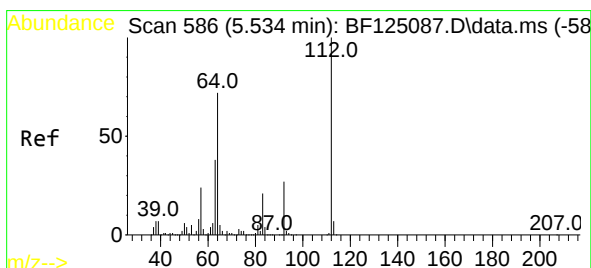
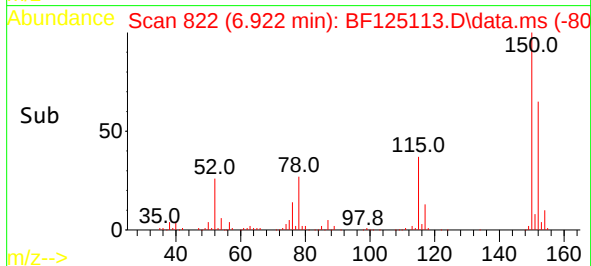
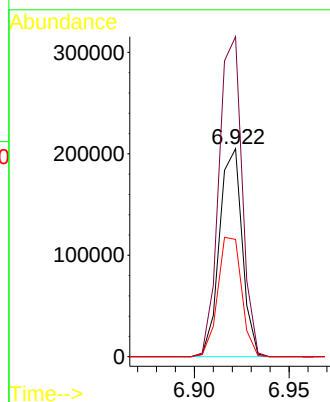
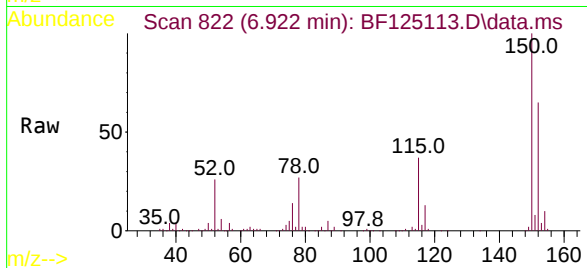




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

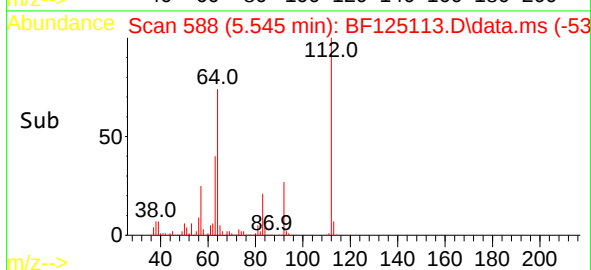
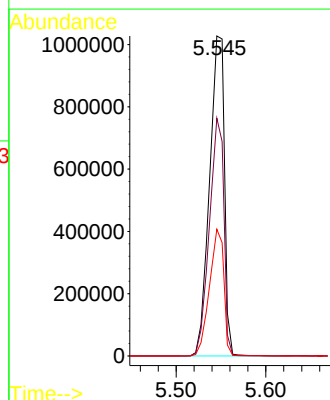
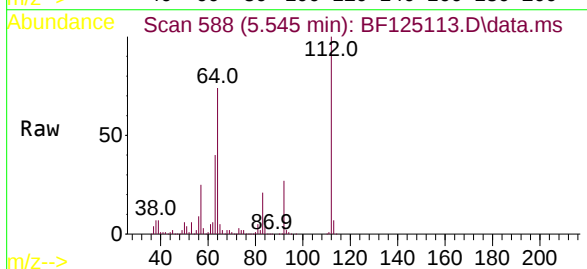
Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP

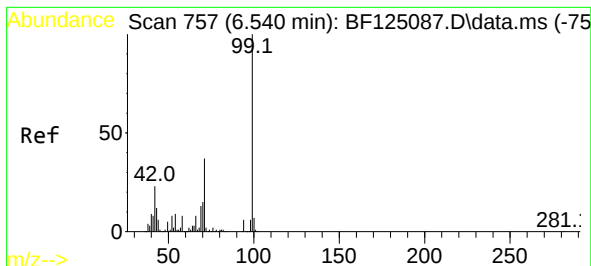
Tgt Ion:152 Resp: 171220
Ion Ratio Lower Upper
152 100
150 153.9 117.6 176.4
115 56.4 47.1 70.7



#5
2-Fluorophenol
Concen: 104.726 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.012 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

Tgt Ion:112 Resp: 1184676
Ion Ratio Lower Upper
112 100
64 74.3 44.2 66.2#
63 39.6 26.2 39.2#





#7

Phenol-d6

Concen: 89.560 ng

RT: 6.539 min Scan# 757

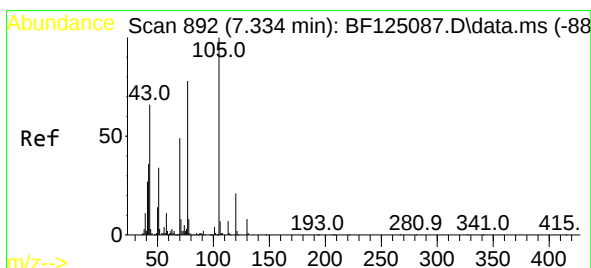
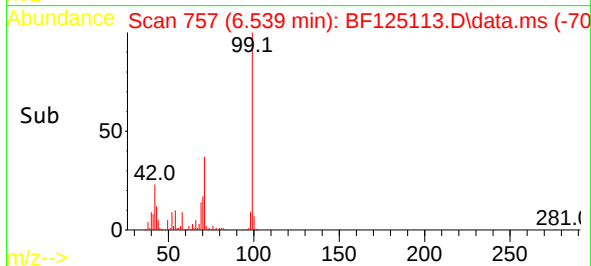
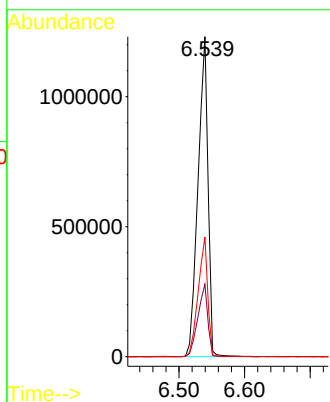
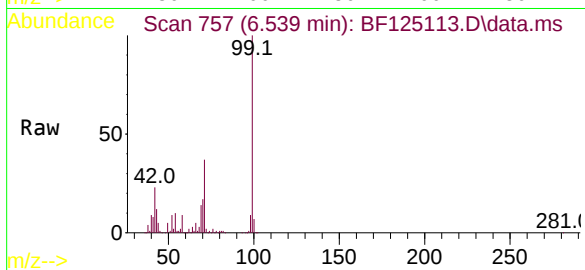
Delta R.T. -0.000 min

Lab File: BF125113.D

Acq: 19 Aug 2021 14:27

Tgt Ion: 99 Resp: 1310280

Ion	Ratio	Lower	Upper
99	100		
42	22.6	23.5	35.3#
71	37.4	25.6	38.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.706 ng

RT: 7.481 min Scan# 917

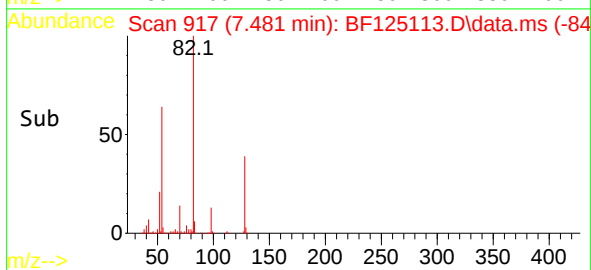
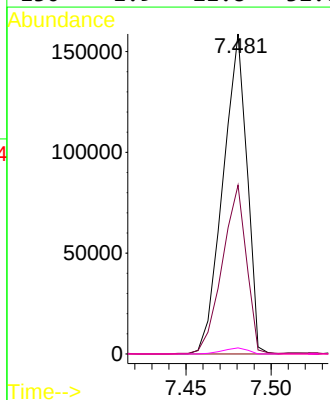
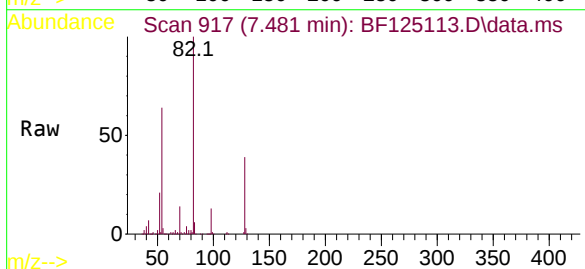
Delta R.T. 0.147 min

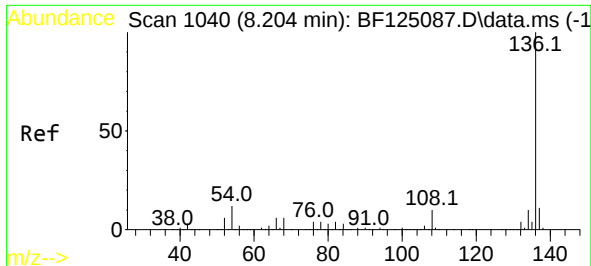
Lab File: BF125113.D

Acq: 19 Aug 2021 14:27

Tgt Ion: 70 Resp: 155807

Ion	Ratio	Lower	Upper
70	100		
42	52.7	72.2	108.2#
101	0.0	7.8	11.8#
130	1.9	21.8	32.6#



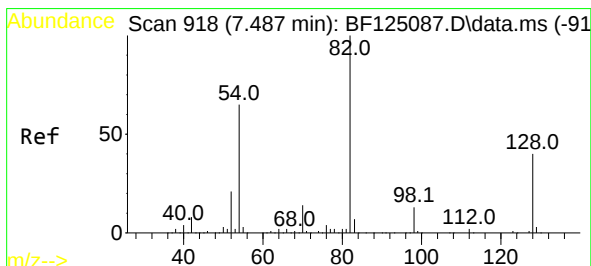
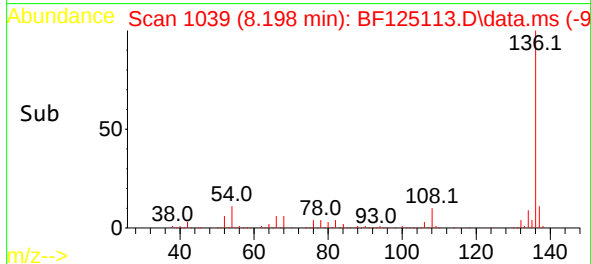
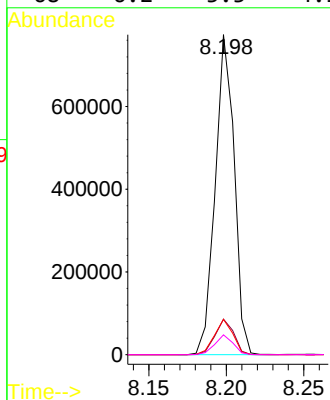
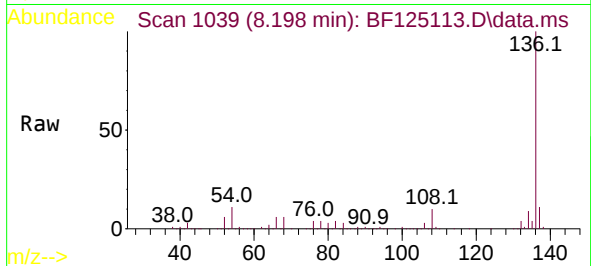


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP

Tgt Ion: 136 Resp: 659740

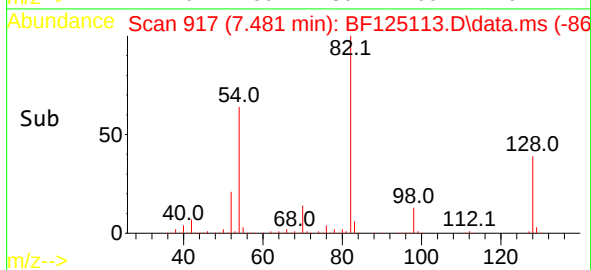
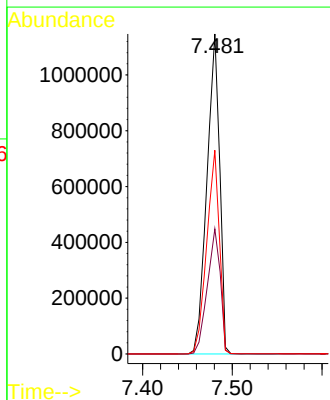
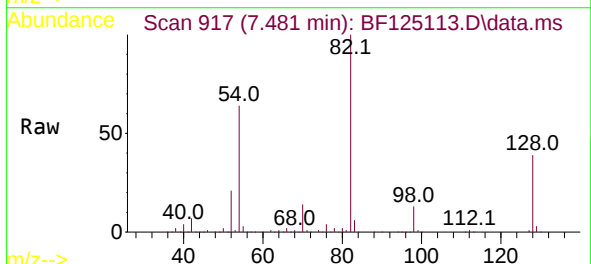
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	11.1	6.4	9.6#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 86.569 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

Tgt Ion: 82 Resp: 1134451

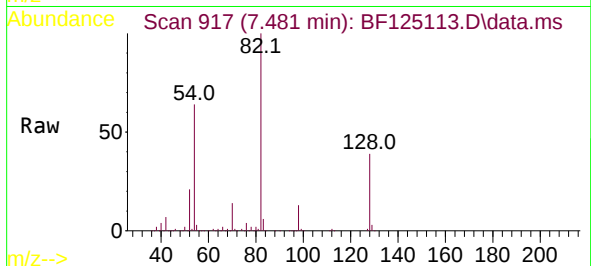
Ion	Ratio	Lower	Upper
82	100		
128	39.1	40.6	60.8#
54	63.6	49.6	74.4



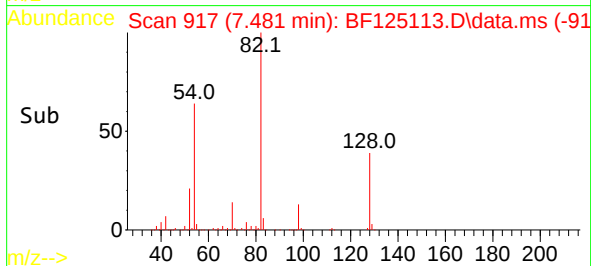
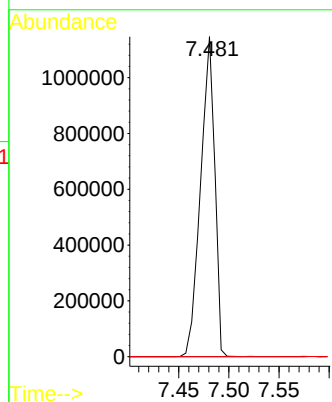


#25
Isophorone
Concen: 44.777 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP

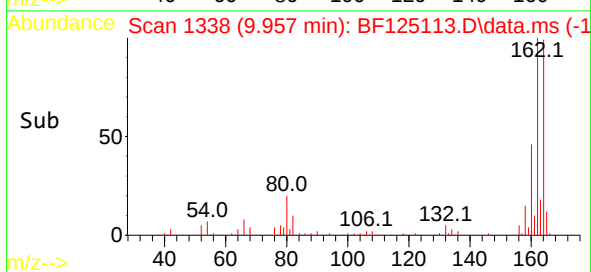
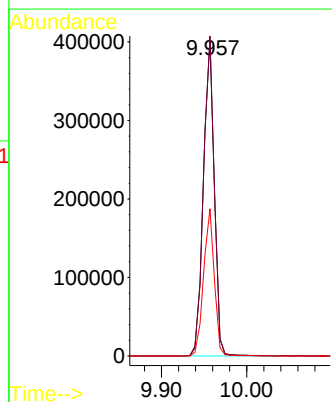
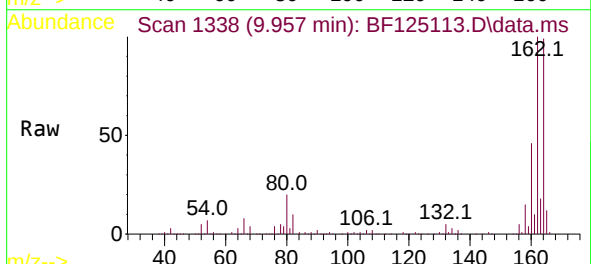


Tgt Ion: 82 Resp: 1131979
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

Tgt Ion: 164 Resp: 356636
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 46.6 38.0 57.0

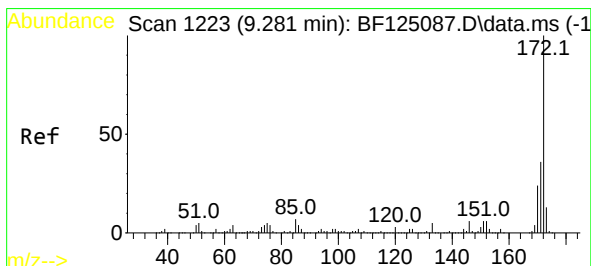
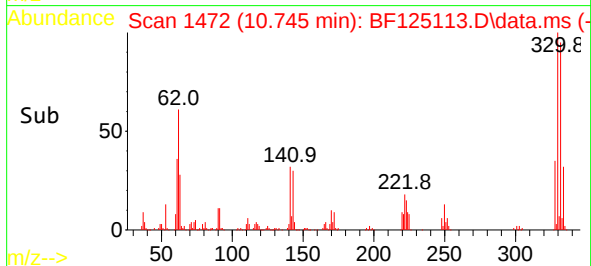
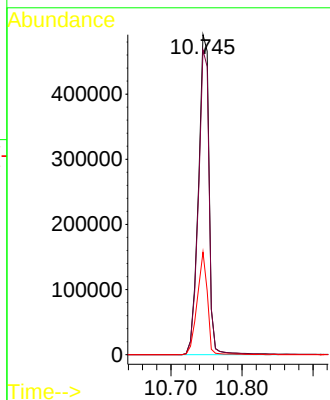
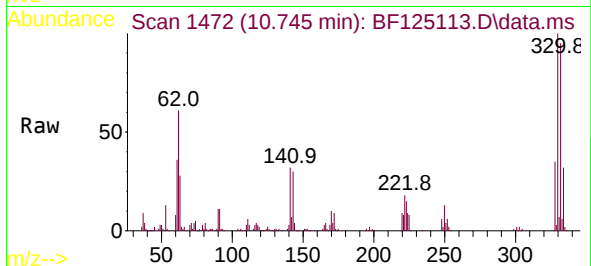




#42
2,4,6-Tribromophenol
Concen: 144.697 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

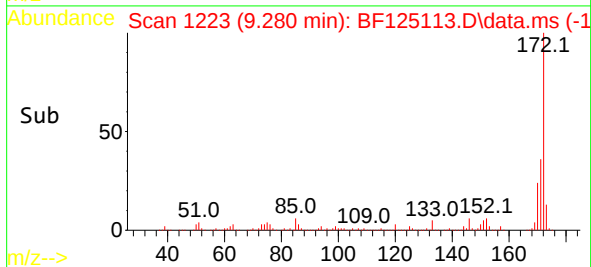
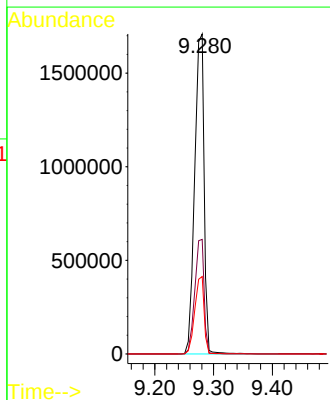
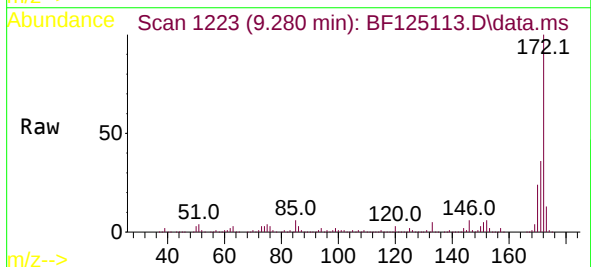
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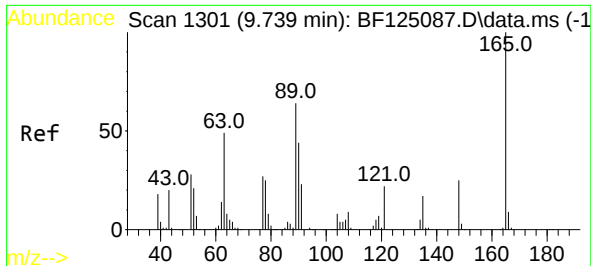
Tgt Ion:330 Resp: 515125
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 30.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 74.563 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

Tgt Ion:172 Resp: 1907973
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.2 18.8 28.2

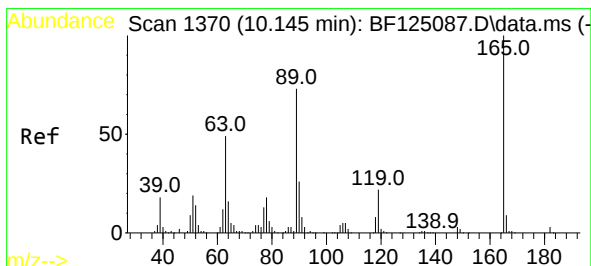
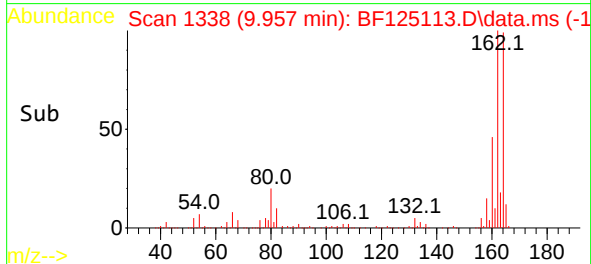
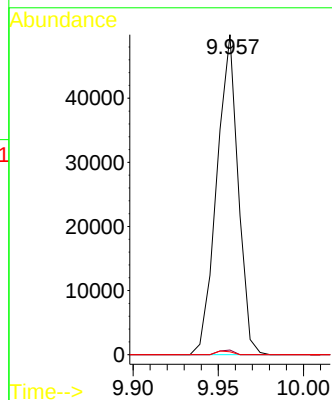
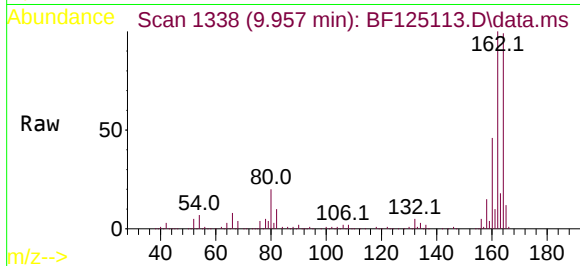




#51
2,6-Dinitrotoluene
Concen: 8.130 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

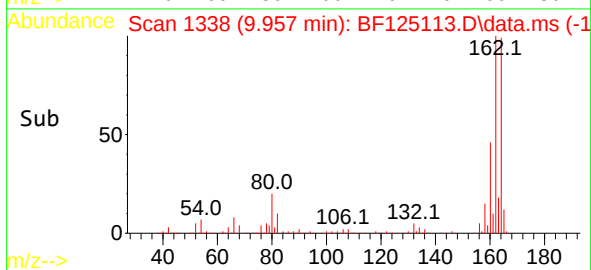
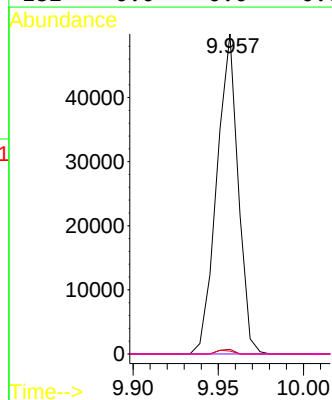
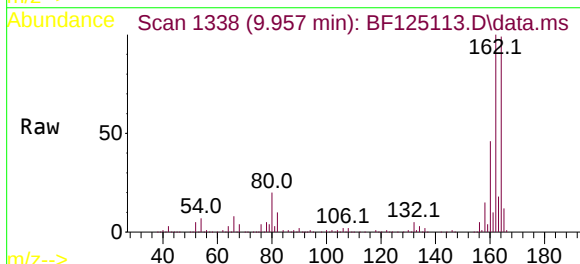
Instrument :
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TP-0-5-COMP

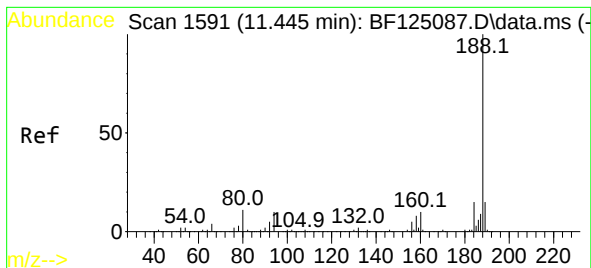
Tgt Ion:165 Resp: 43571
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.718 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

Tgt Ion:165 Resp: 43571
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

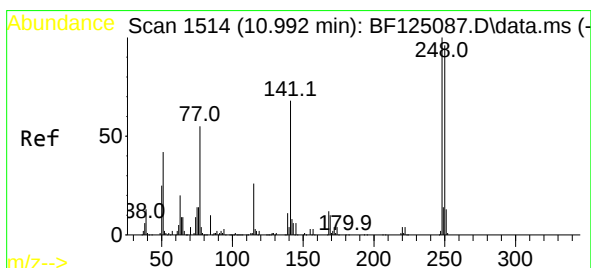
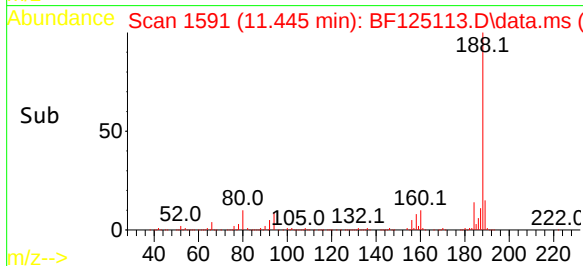
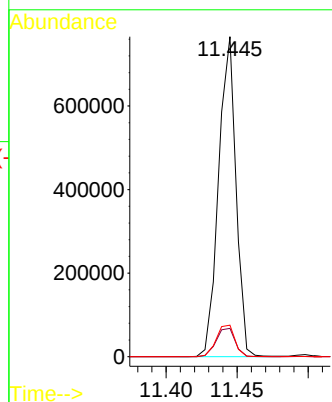
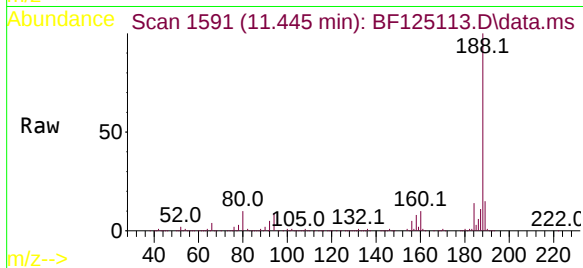




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

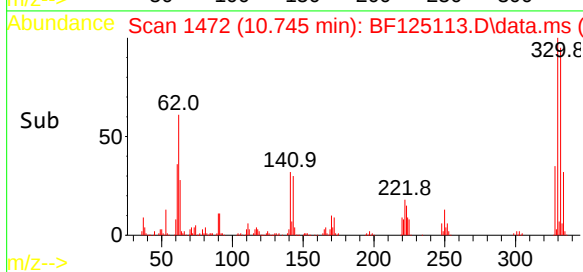
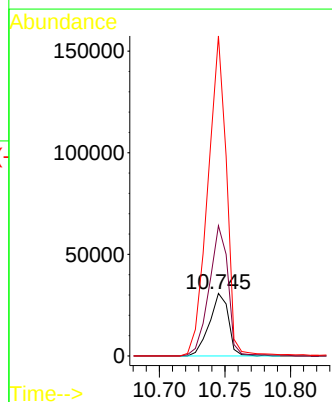
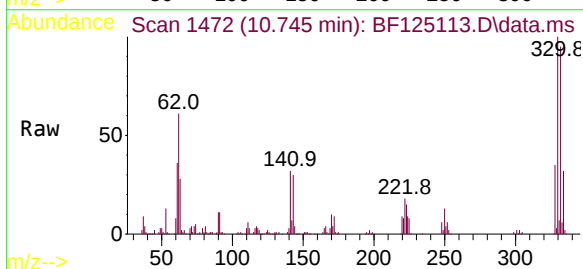
Instrument :
BNA_F
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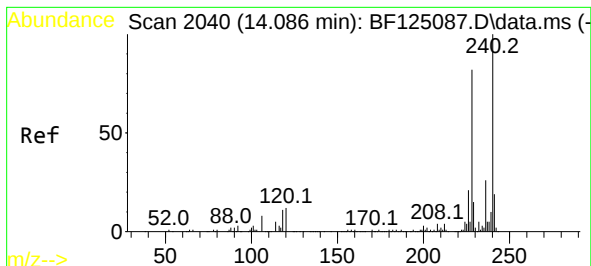
Tgt Ion:188 Resp: 652721
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.995 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

Tgt Ion:248 Resp: 31312
Ion Ratio Lower Upper
248 100
250 208.5 74.2 111.4#
141 512.0 60.4 90.6#

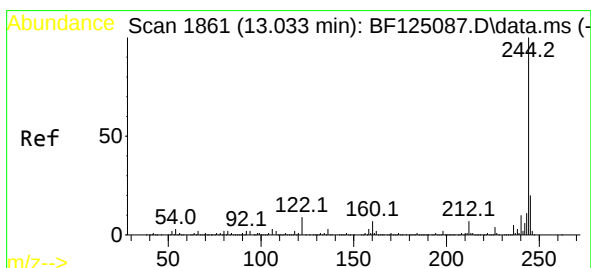
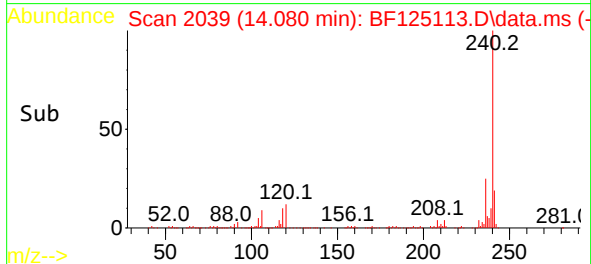
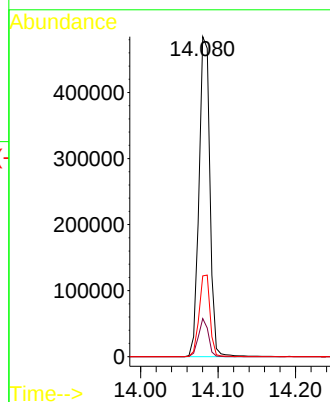
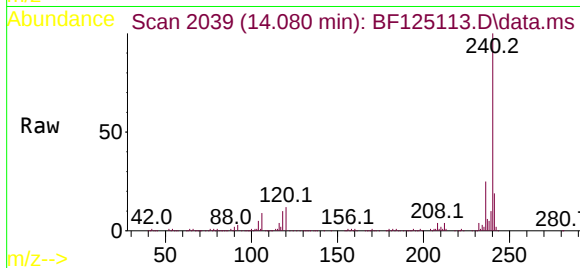




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

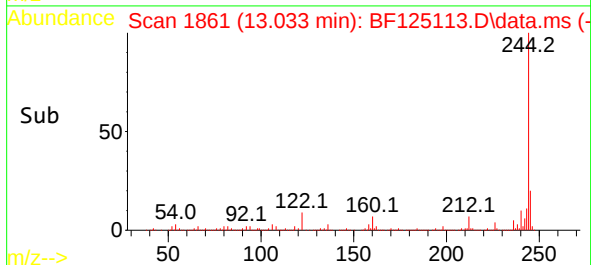
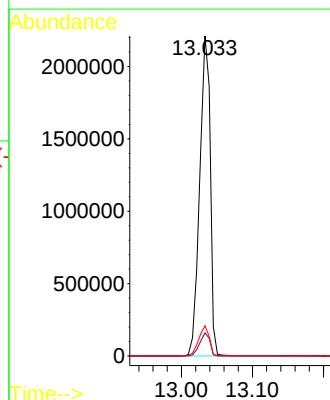
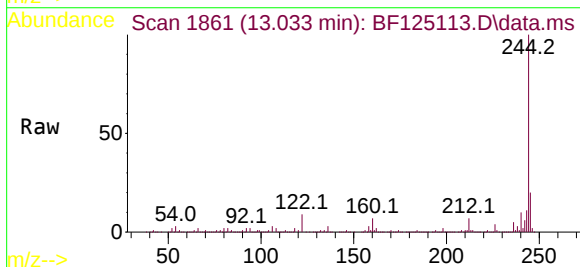
Instrument :
BNA_F
ClientSampleId :
TP-0-5-COMP

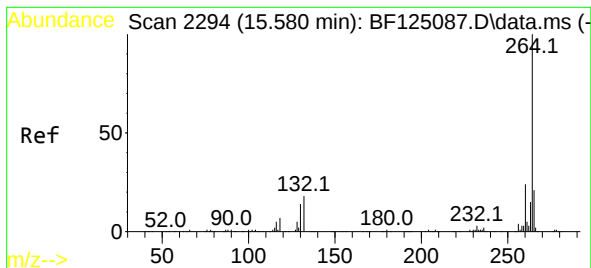
Tgt Ion:240 Resp: 472325
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 77.419 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125113.D
Acq: 19 Aug 2021 14:27

Tgt Ion:244 Resp: 2295339
Ion Ratio Lower Upper
244 100
212 7.2 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. -0.000 min
 Lab File: BF125113.D
 Acq: 19 Aug 2021 14:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-0-5-COMP

Tgt Ion:264 Resp: 361050
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 22.3 17.2 25.8

