

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125131.D
 Acq On : 20 Aug 2021 13:08
 Operator : JU/CG
 Sample : M3449-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-3

Quant Time: Aug 20 14:03:08 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

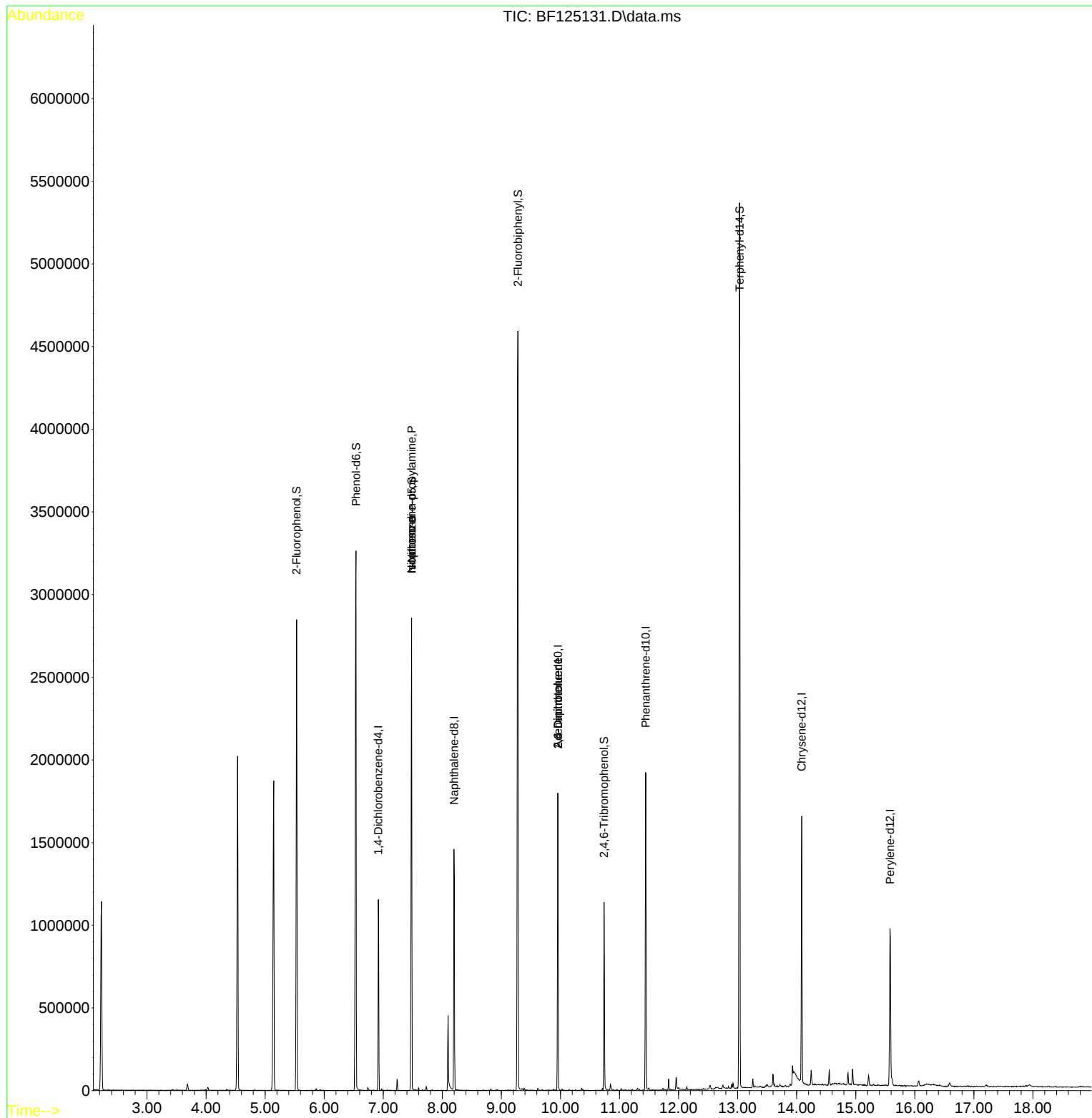
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	157810	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	623689	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	338950	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	665603	20.000	ng	0.00
76) Chrysene-d12	14.086	240	537716	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	458661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	700921	67.227	ng	0.00
7) Phenol-d6	6.539	99	1171473	86.877	ng	0.00
23) Nitrobenzene-d5	7.481	82	846698	68.345	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	120715	35.678	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	1534368	63.092	ng	0.00
79) Terphenyl-d14	13.033	244	2055758	60.906	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	114529	14.121	ng	# 60
25) Isophorone	7.481	82	846679	35.427	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	43741	8.588	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	43741	7.096	ng	# 20

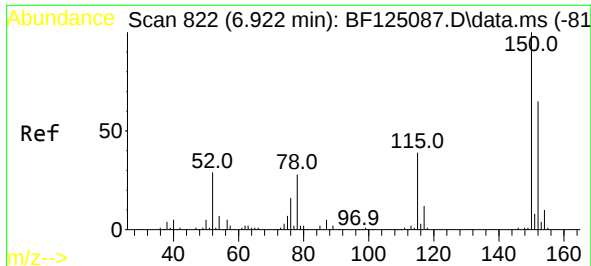
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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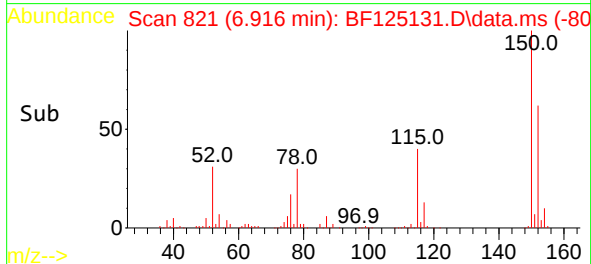
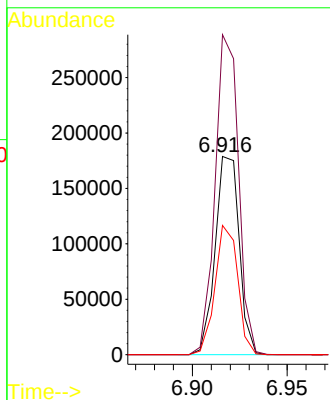
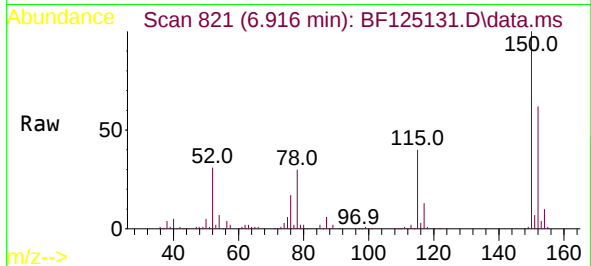




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

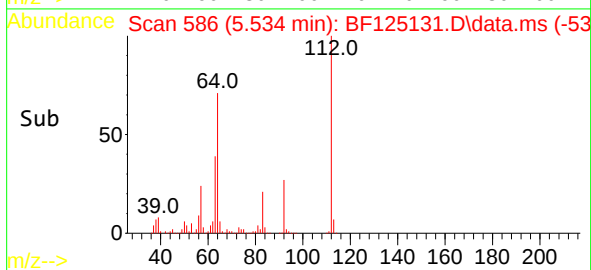
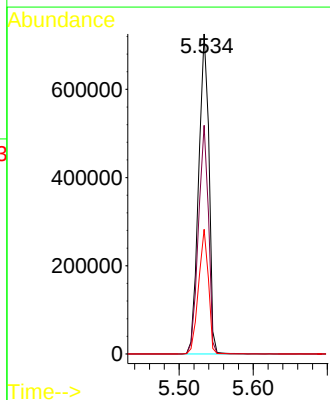
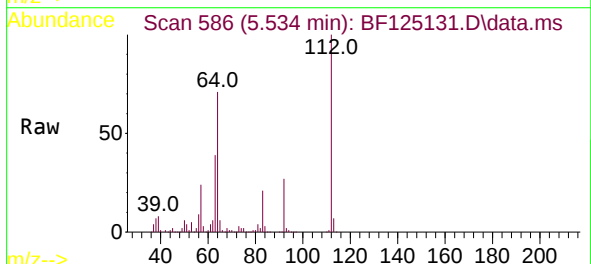
Instrument :
BNA_F
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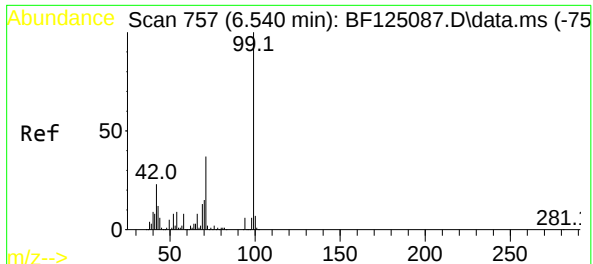
Tgt Ion:152 Resp: 157810
Ion Ratio Lower Upper
152 100
150 161.5 117.6 176.4
115 65.3 47.1 70.7



#5
2-Fluorophenol
Concen: 67.227 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

Tgt Ion:112 Resp: 700921
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 39.0 26.2 39.2

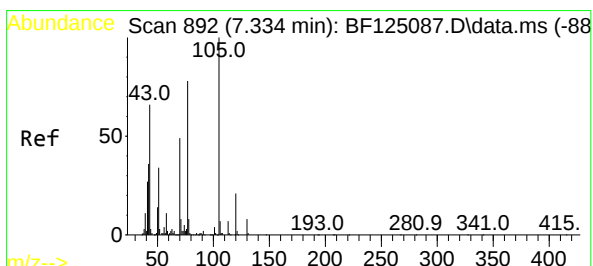
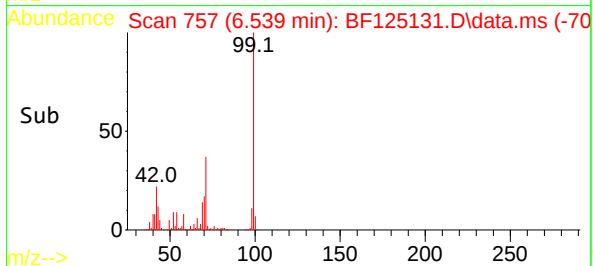
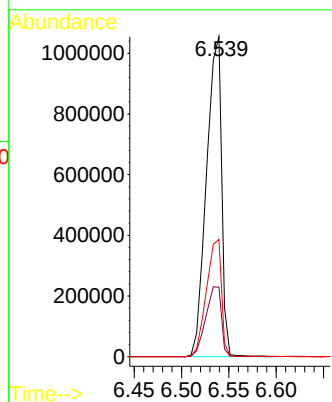
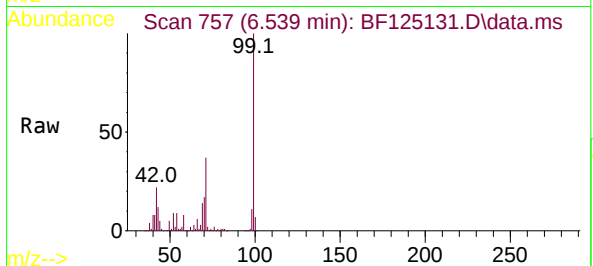




#7
Phenol-d6
Concen: 86.877 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

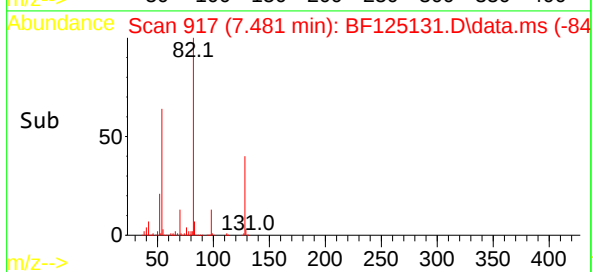
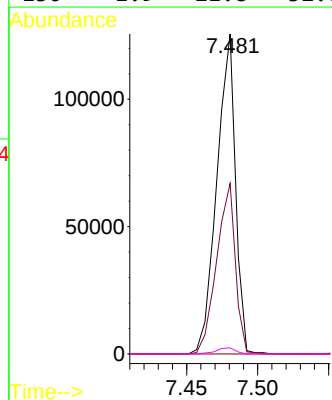
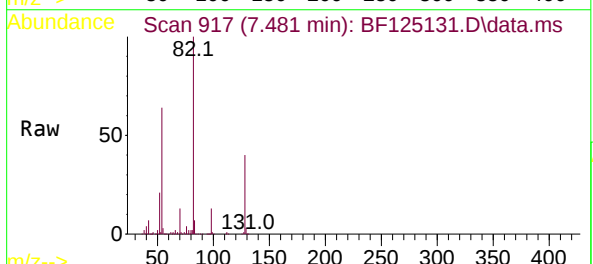
Instrument :
BNA_F
ClientSampleId :
CON-3

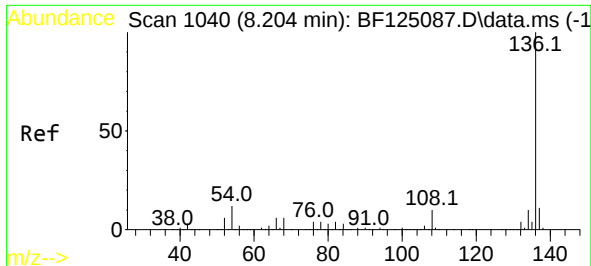
Tgt Ion: 99 Resp: 1171473
Ion Ratio Lower Upper
99 100
42 21.7 23.5 35.3#
71 36.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.121 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

Tgt Ion: 70 Resp: 114529
Ion Ratio Lower Upper
70 100
42 53.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

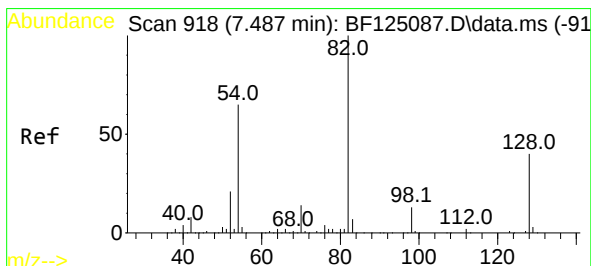
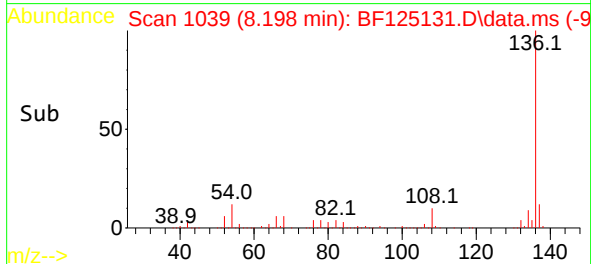
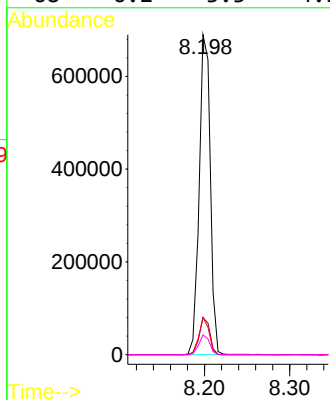
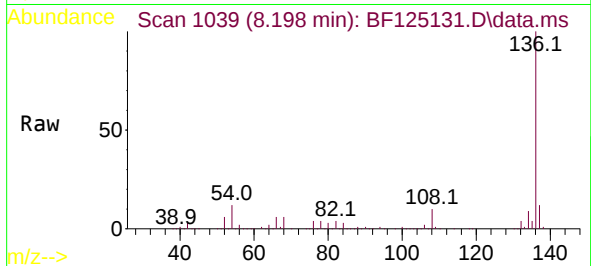




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

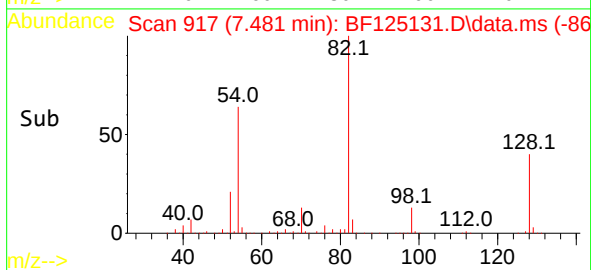
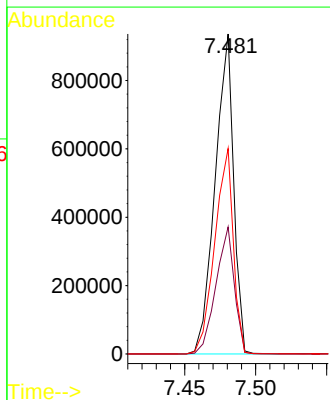
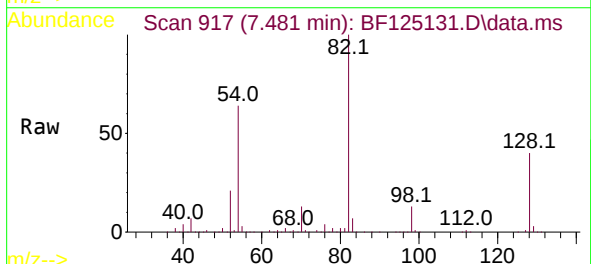
Instrument :
BNA_F
ClientSampled :
CON-3

Tgt Ion:	136	Resp:	623689
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	11.7	6.4	9.6#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 68.345 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

Tgt Ion:	82	Resp:	846698
Ion	Ratio	Lower	Upper
82	100		
128	39.7	40.6	60.8#
54	64.2	49.6	74.4

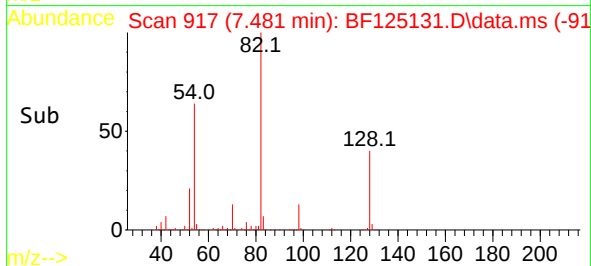
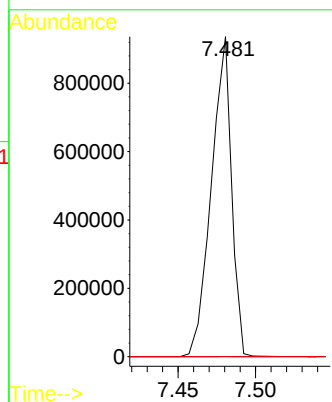
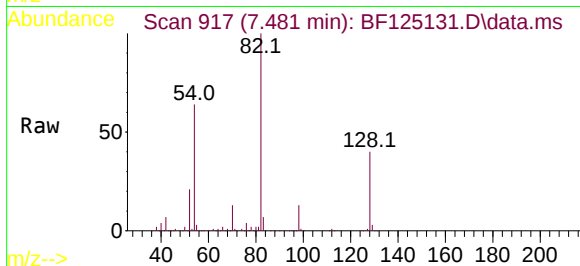




#25
Isophorone
Concen: 35.427 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

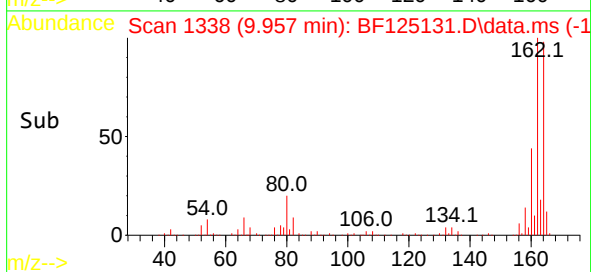
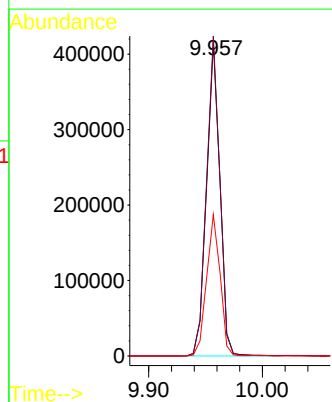
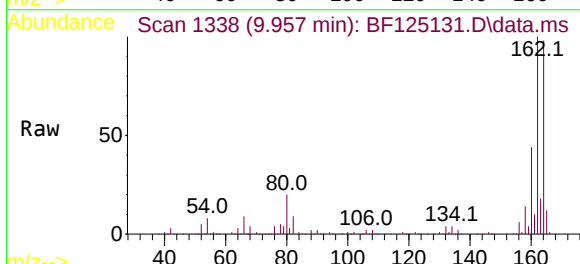
Instrument :
BNA_F
ClientSampleId :
CON-3

Tgt Ion: 82 Resp: 846679
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: BF125131.D
Acq: 20 Aug 2021 13:08

Tgt Ion: 164 Resp: 338950
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 45.0 38.0 57.0

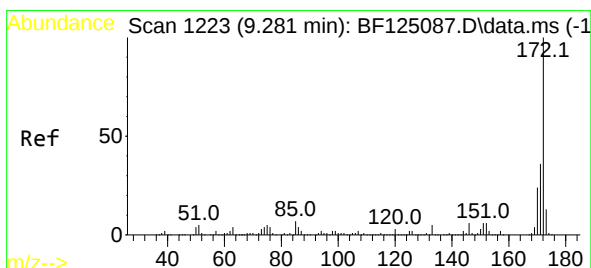
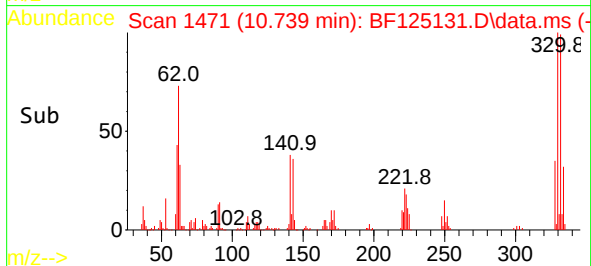
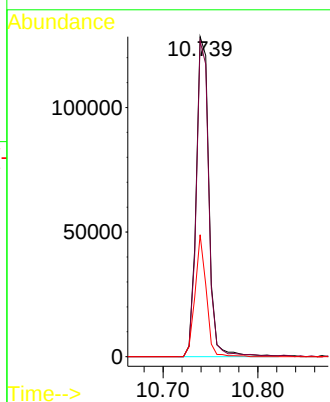
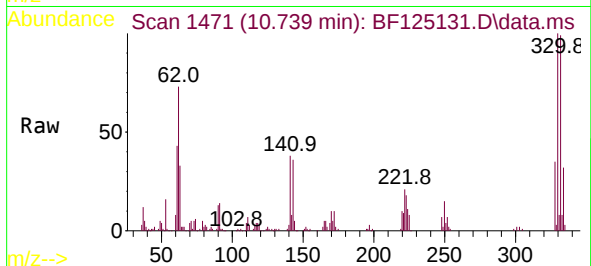




#42
2,4,6-Tribromophenol
Concen: 35.678 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.012 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

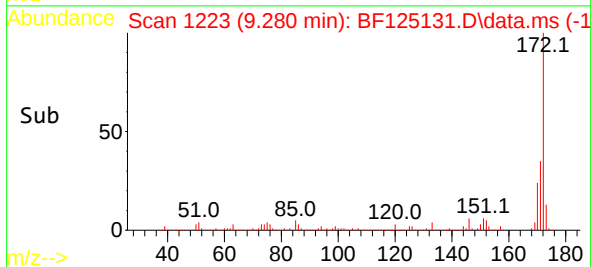
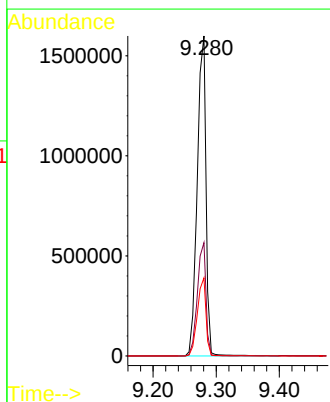
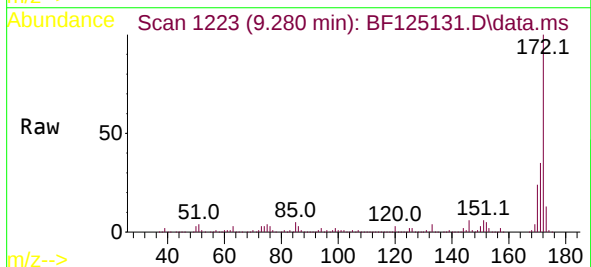
Instrument :
BNA_F
ClientSampleId :
CON-3

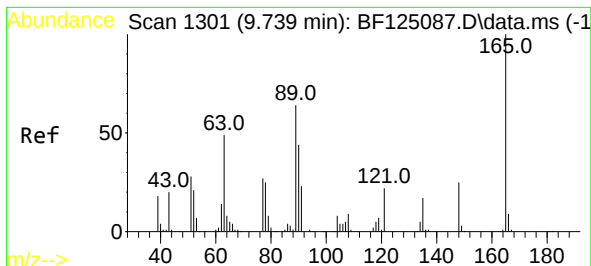
Tgt Ion:330 Resp: 120715
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 33.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.092 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

Tgt Ion:172 Resp: 1534368
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.4 18.8 28.2

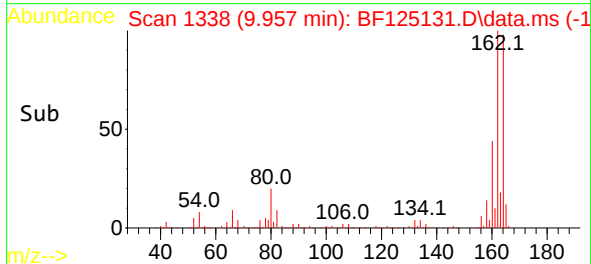
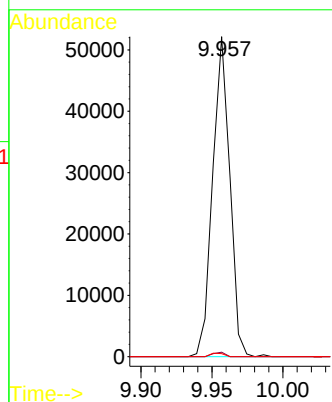
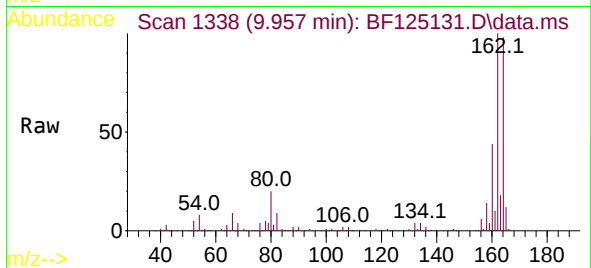




#51
2,6-Dinitrotoluene
Concen: 8.588 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

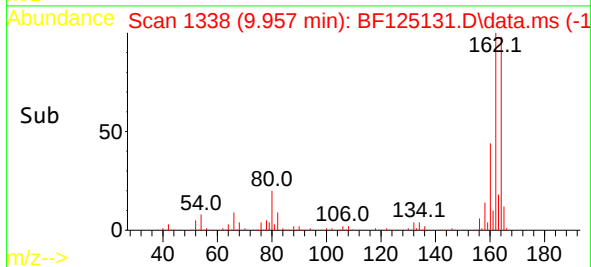
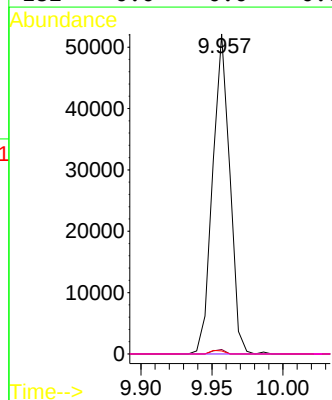
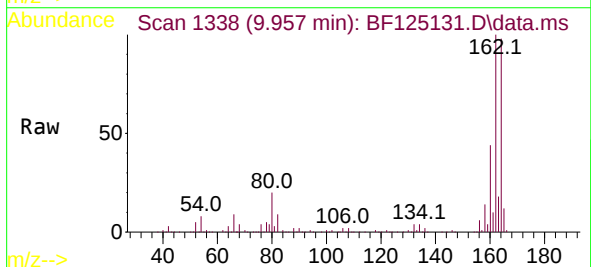
Instrument :
BNA_F
ClientSampled :
CON-3

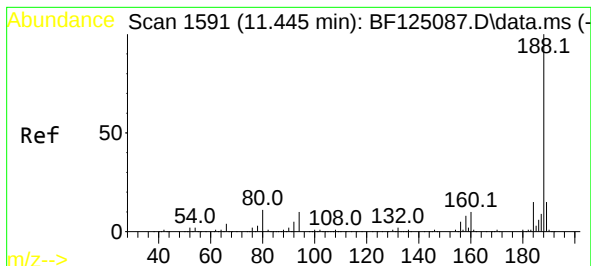
Tgt Ion:165 Resp: 43741
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.096 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

Tgt Ion:165 Resp: 43741
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

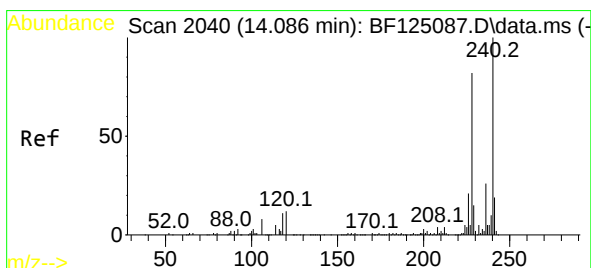
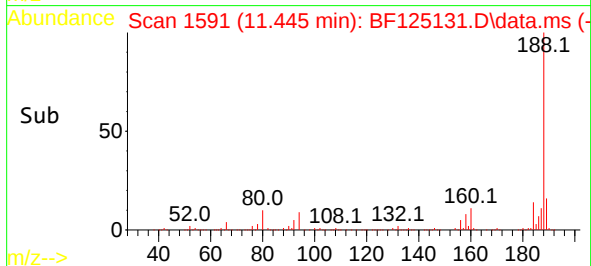
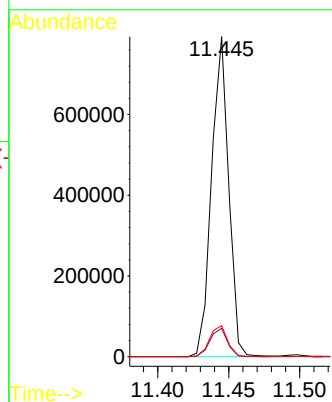
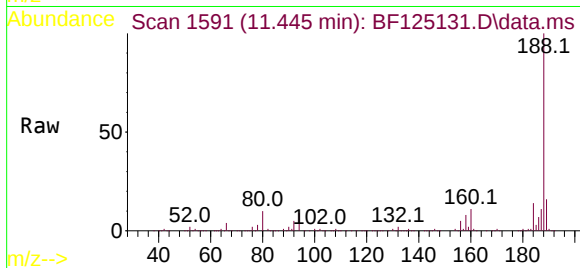




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

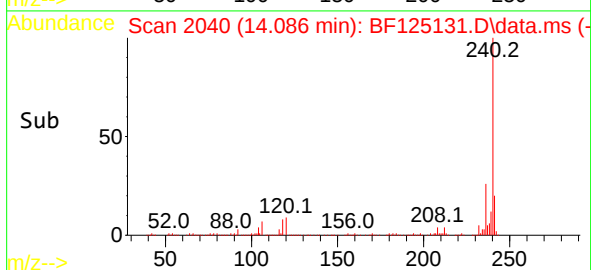
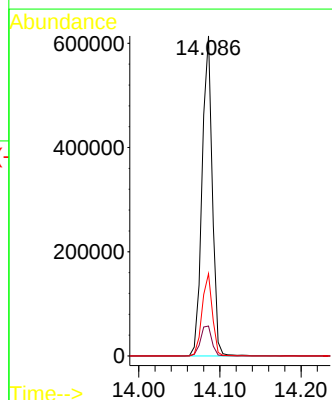
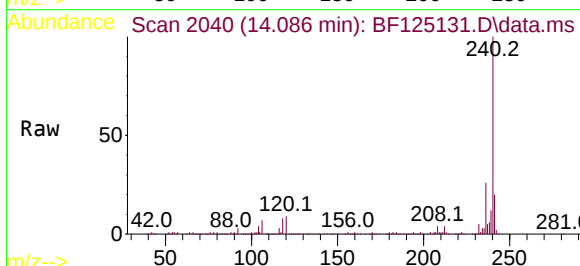
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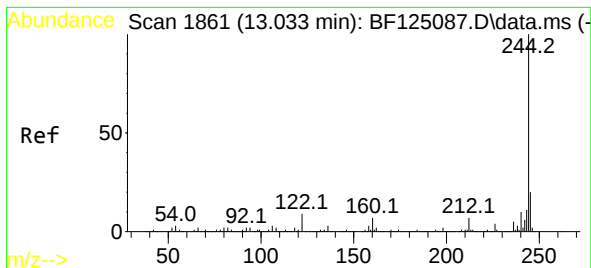
Tgt Ion:188 Resp: 665603
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

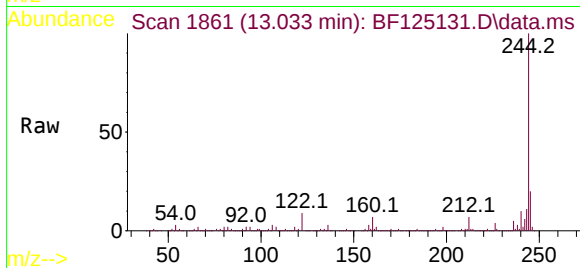
Tgt Ion:240 Resp: 537716
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 25.7 21.6 32.4



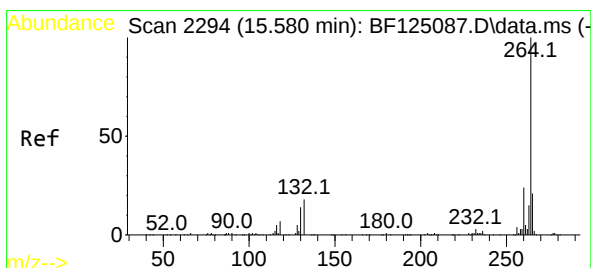
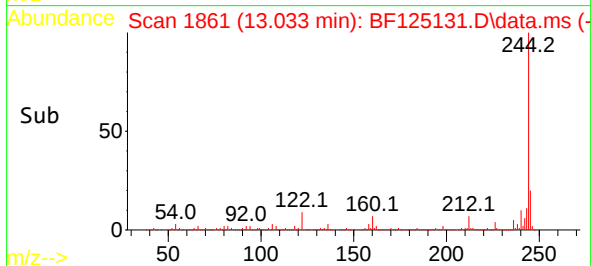
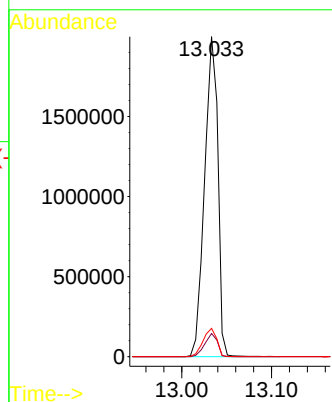


#79
Terphenyl-d14
Concen: 60.906 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

Instrument :
BNA_F
ClientSampleId :
CON-3



Tgt Ion:244 Resp: 2055758
Ion Ratio Lower Upper
244 100
212 7.3 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. -0.000 min
Lab File: BF125131.D
Acq: 20 Aug 2021 13:08

Tgt Ion:264 Resp: 458661
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.3 17.2 25.8

