

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125135.D
 Acq On : 20 Aug 2021 15:18
 Operator : JU/CG
 Sample : M3449-27
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-5

Quant Time: Aug 20 18:32:44 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)

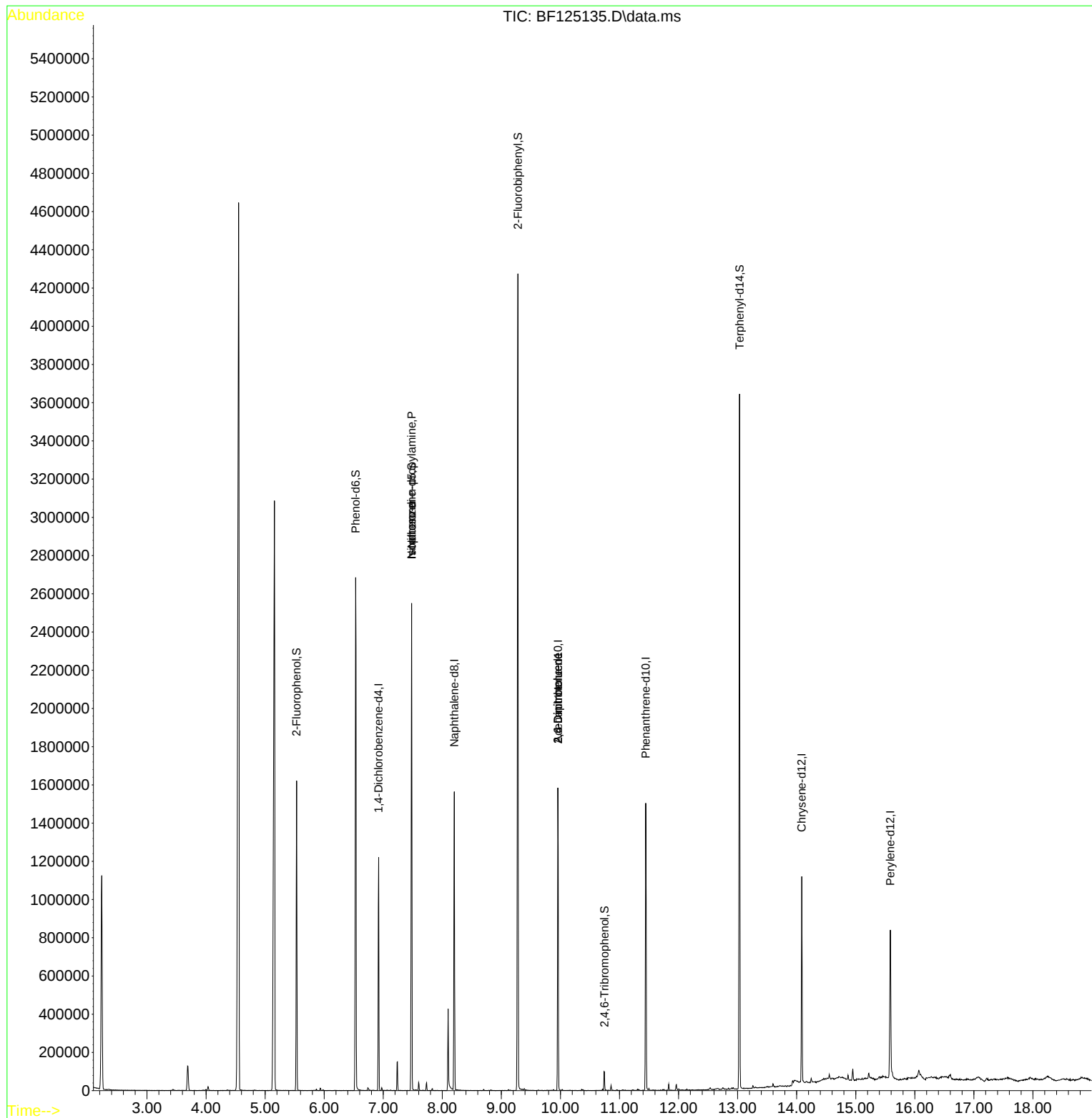
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	161138	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	617402	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	317239	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	525325	20.000	ng	0.00
76) Chrysene-d12	14.086	240	343406	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	347531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	360939	33.904	ng	0.00
7) Phenol-d6	6.534	99	887417	64.452	ng	0.00
23) Nitrobenzene-d5	7.481	82	725492	59.158	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	12154	3.838	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1334057	58.609	ng	0.00
79) Terphenyl-d14	13.033	244	1214905	56.361	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	98455	11.888	ng	# 60
25) Isophorone	7.481	82	724822	30.637	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	40172	8.427	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	40172	6.963	ng	# 20

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

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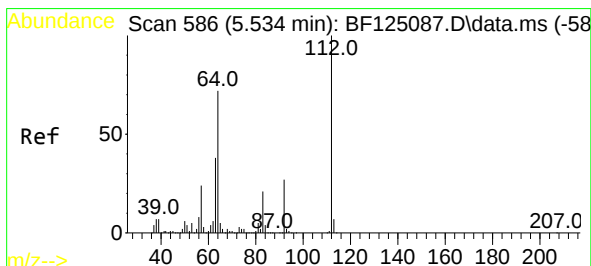
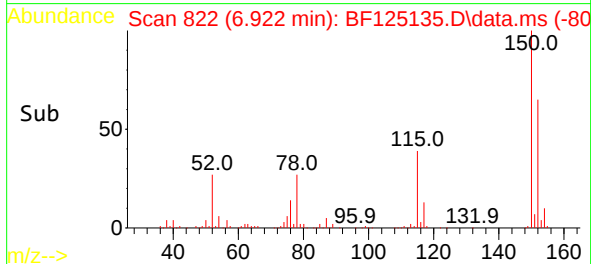
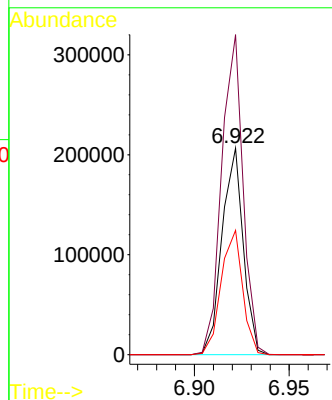
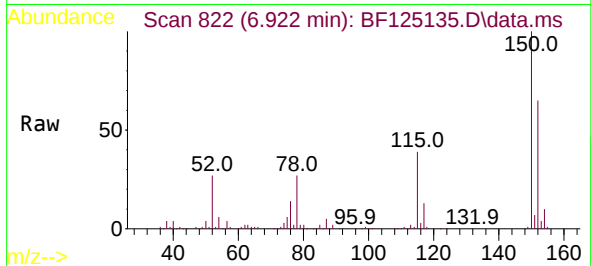




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

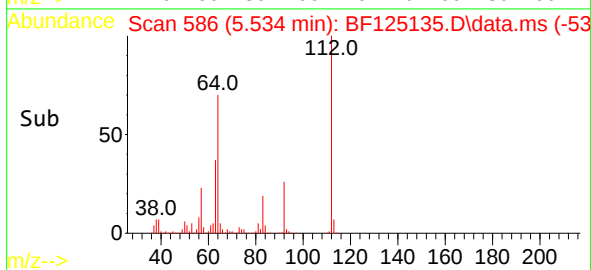
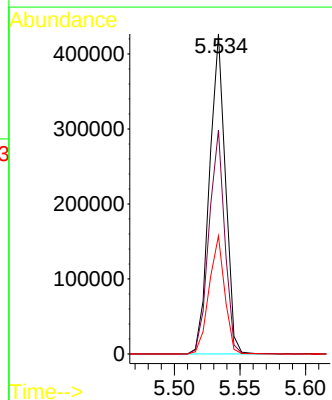
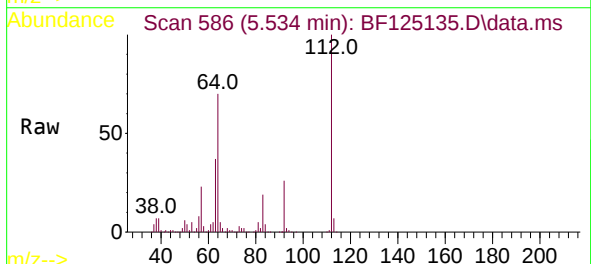
Instrument :
BNA_F
ClientSampleId :
CON-5

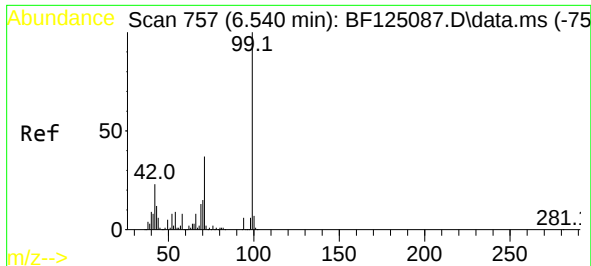
Tgt Ion:152 Resp: 161138
Ion Ratio Lower Upper
152 100
150 154.9 117.6 176.4
115 60.2 47.1 70.7



#5
2-Fluorophenol
Concen: 33.904 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

Tgt Ion:112 Resp: 360939
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 36.9 26.2 39.2

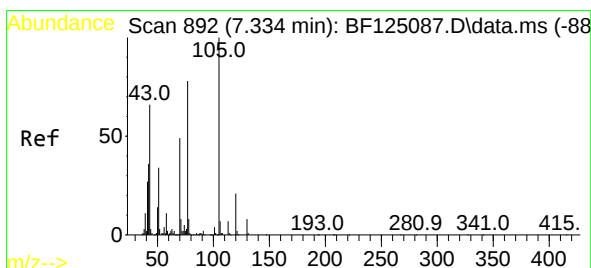
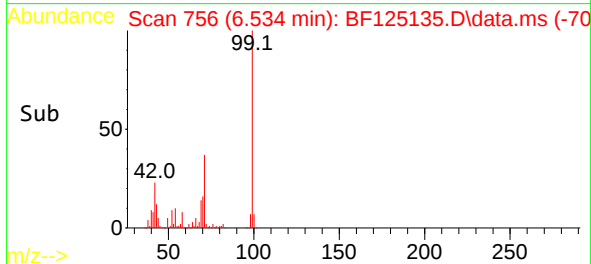
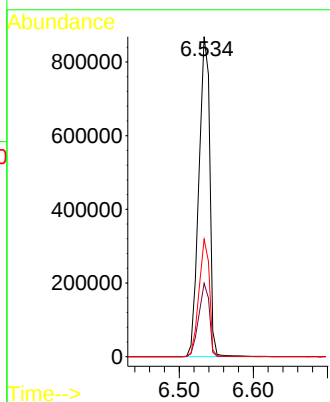
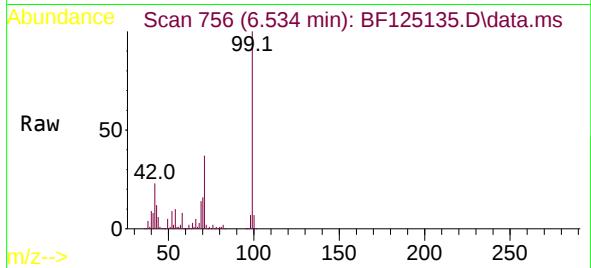




#7
Phenol-d6
Concen: 64.452 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

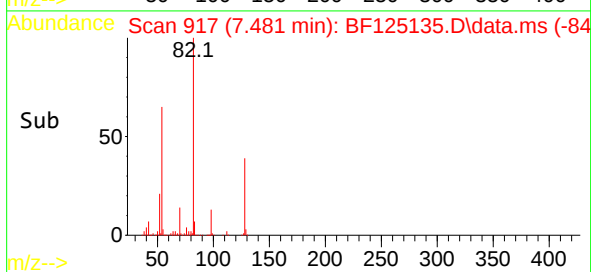
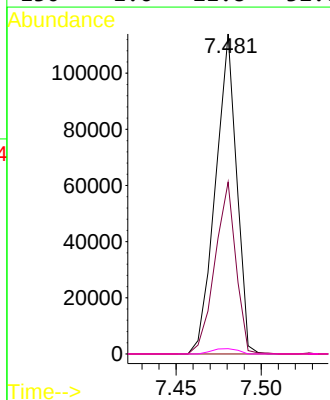
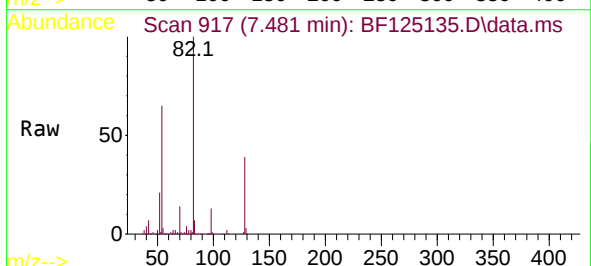
Instrument :
BNA_F
ClientSampleId :
CON-5

Tgt Ion: 99 Resp: 887417
Ion Ratio Lower Upper
99 100
42 22.9 23.5 35.3#
71 36.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.888 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

Tgt Ion: 70 Resp: 98455
Ion Ratio Lower Upper
70 100
42 53.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

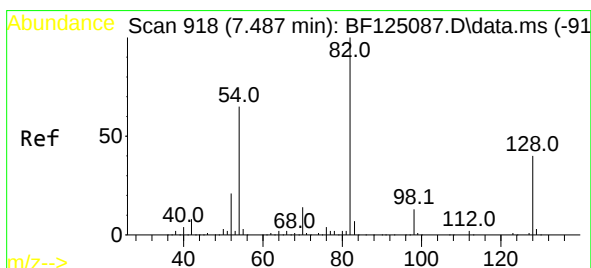
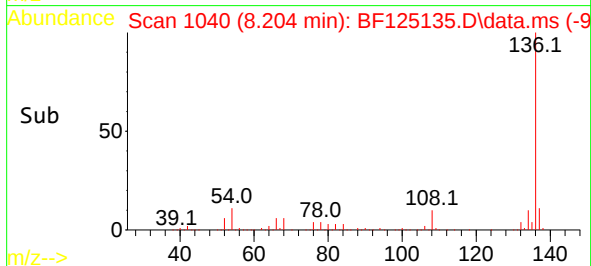
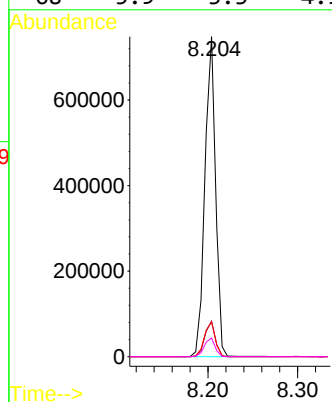
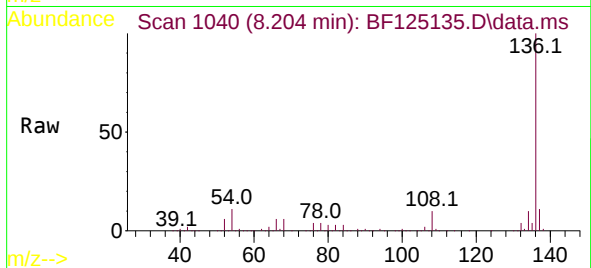




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

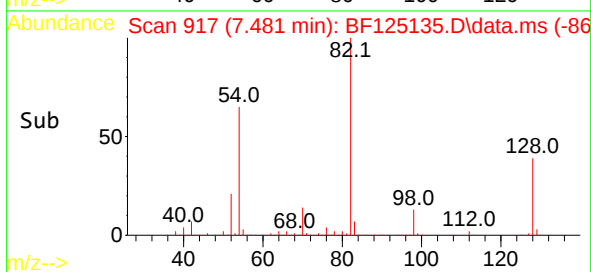
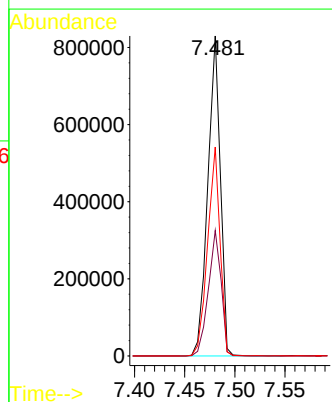
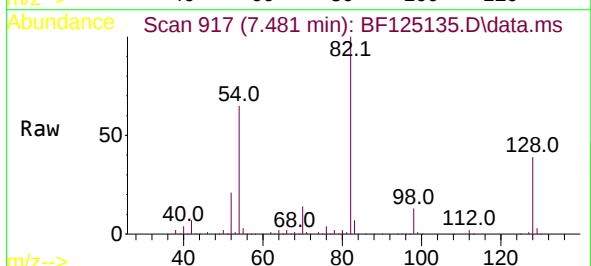
Instrument :
BNA_F
ClientSampled :
CON-5

Tgt Ion:136 Resp: 617402
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.9 6.4 9.6#
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 59.158 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

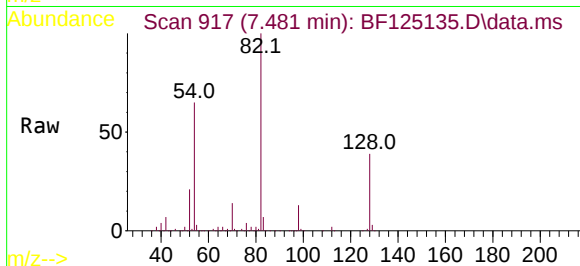
Tgt Ion: 82 Resp: 725492
Ion Ratio Lower Upper
82 100
128 39.2 40.6 60.8#
54 65.3 49.6 74.4



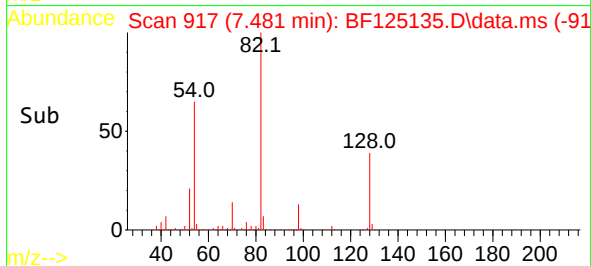
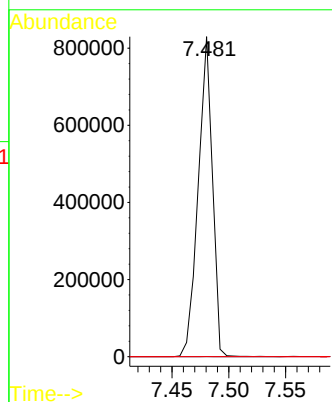


#25
Isophorone
Concen: 30.637 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

Instrument :
BNA_F
ClientSampleId :
CON-5

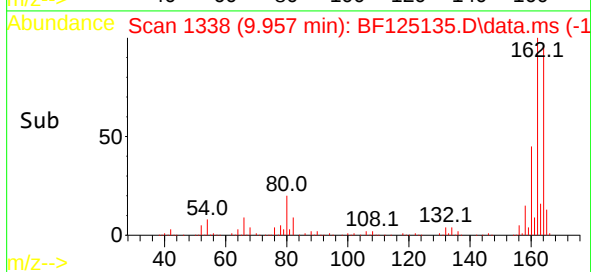
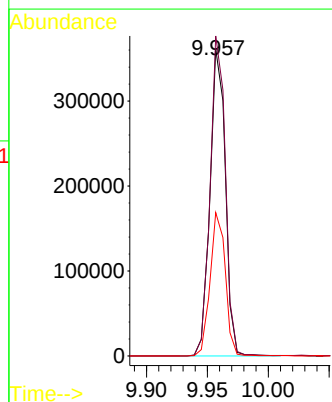
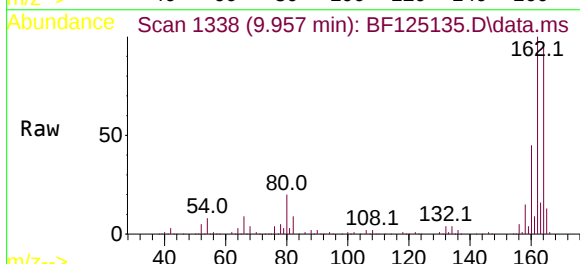


Tgt Ion: 82 Resp: 724822
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

Tgt Ion: 164 Resp: 317239
Ion Ratio Lower Upper
164 100
162 104.2 81.3 121.9
160 46.7 38.0 57.0

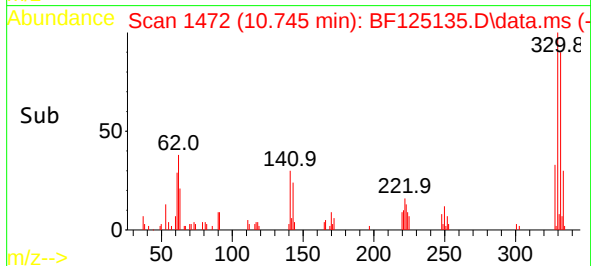
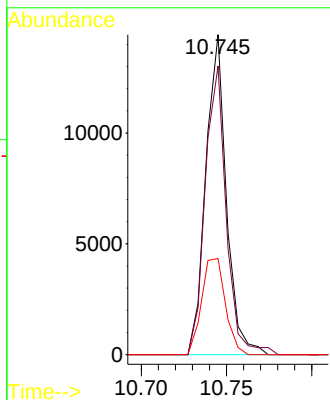
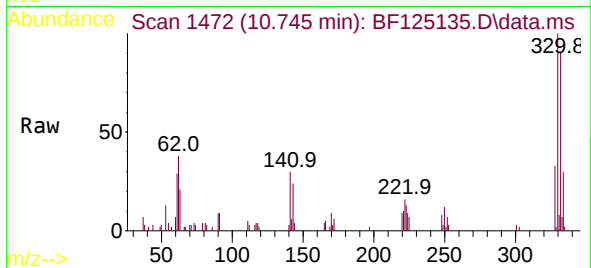




#42
2,4,6-Tribromophenol
Concen: 3.838 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

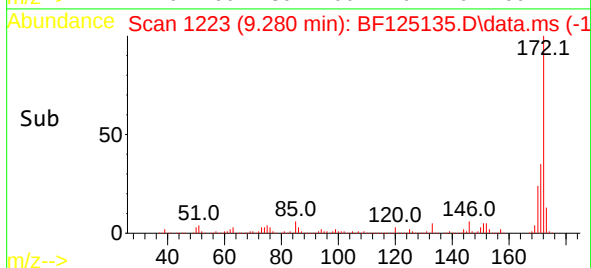
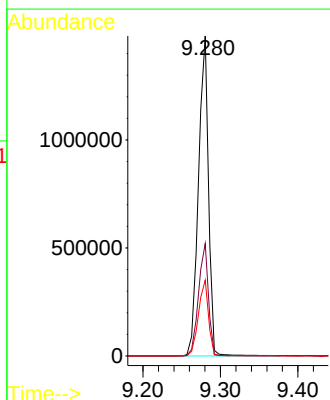
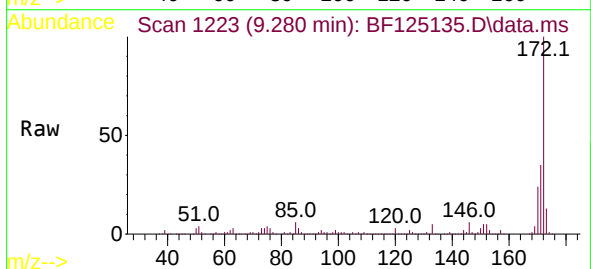
Instrument :
BNA_F
ClientSampleId :
CON-5

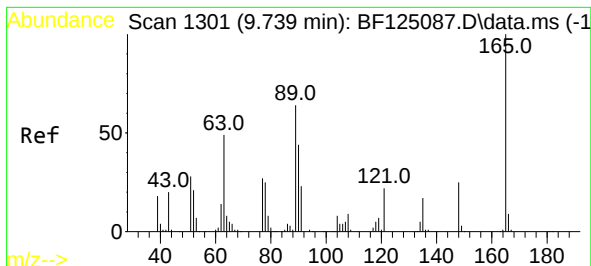
Tgt Ion: 330 Resp: 12154
Ion Ratio Lower Upper
330 100
332 91.9 76.2 114.4
141 34.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 58.609 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

Tgt Ion: 172 Resp: 1334057
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.7 18.8 28.2

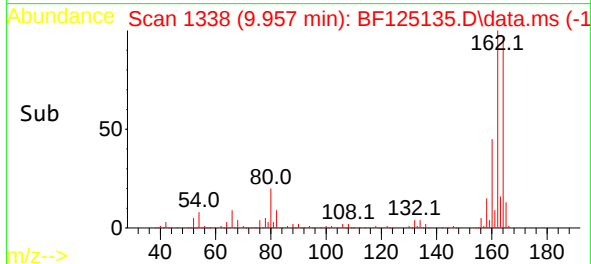
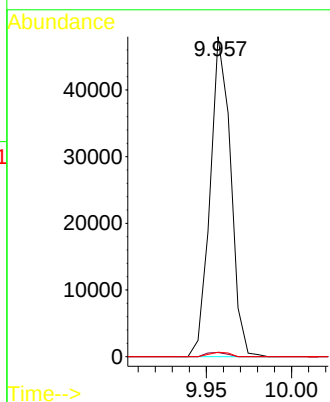
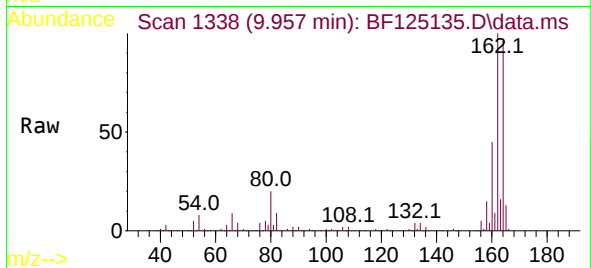




#51
2,6-Dinitrotoluene
Concen: 8.427 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

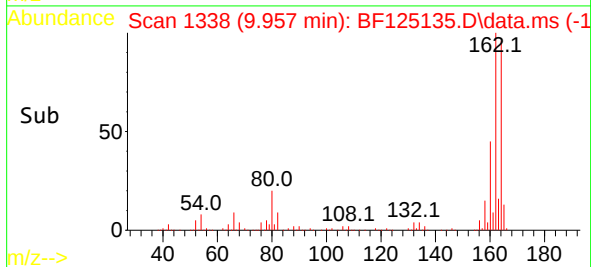
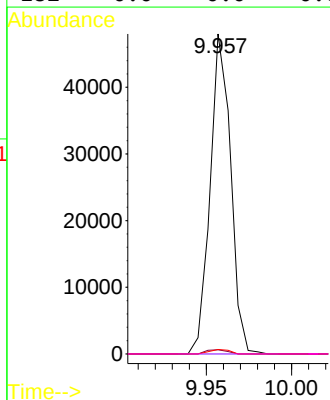
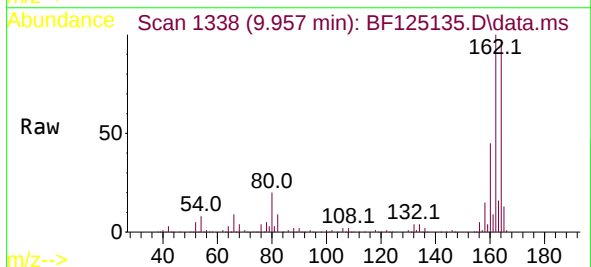
Instrument :
BNA_F
ClientSampleId :
CON-5

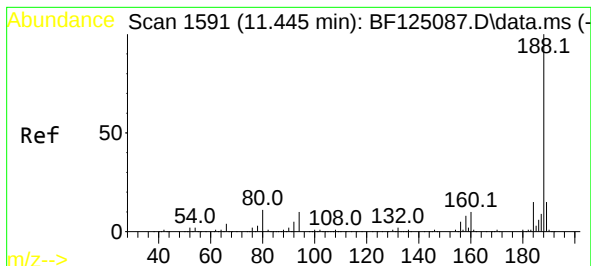
Tgt Ion:165 Resp: 40172
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.963 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

Tgt Ion:165 Resp: 40172
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

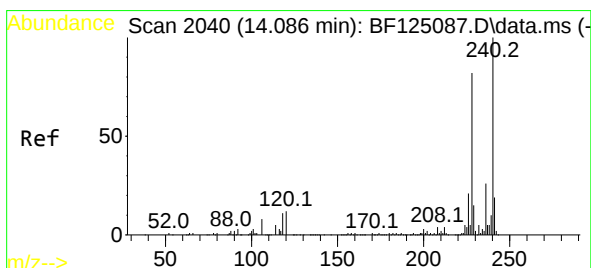
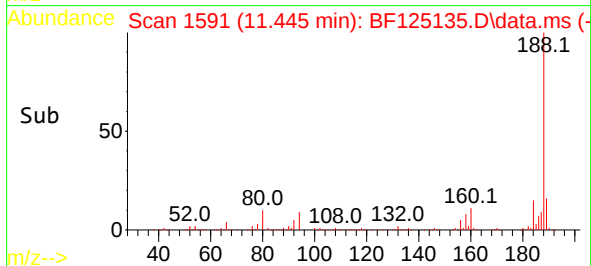
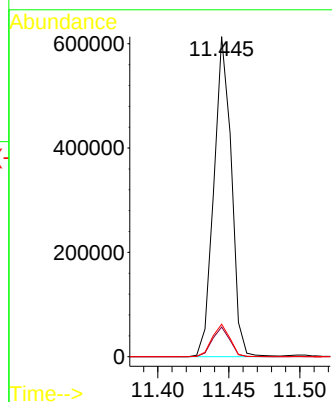
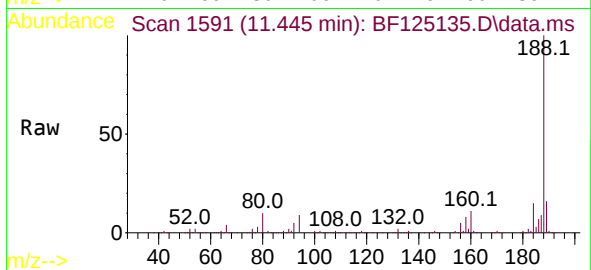




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

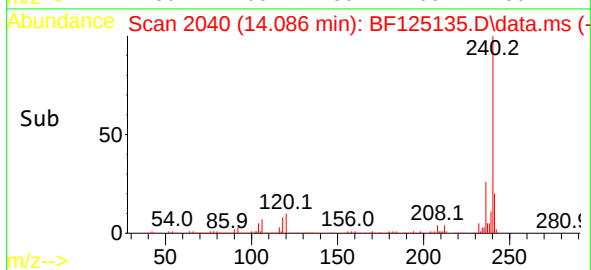
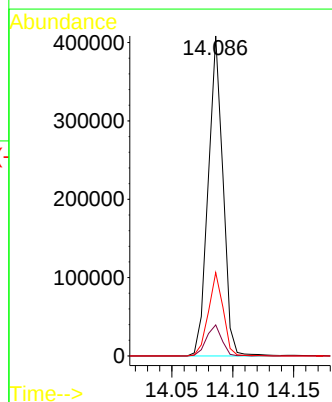
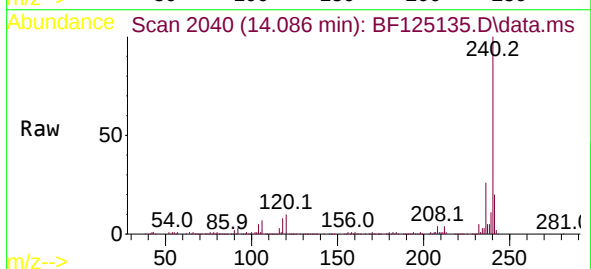
Instrument :
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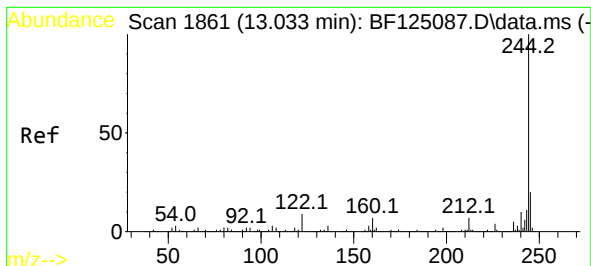
Tgt Ion:188 Resp: 525325
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 10.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

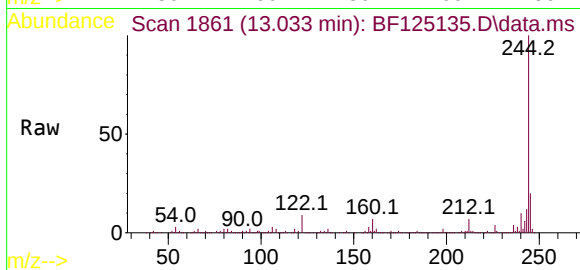
Tgt Ion:240 Resp: 343406
Ion Ratio Lower Upper
240 100
120 9.7 10.8 16.2#
236 26.1 21.6 32.4



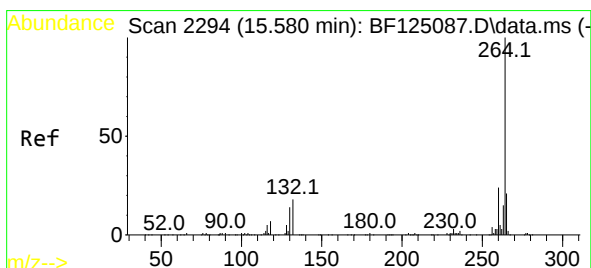
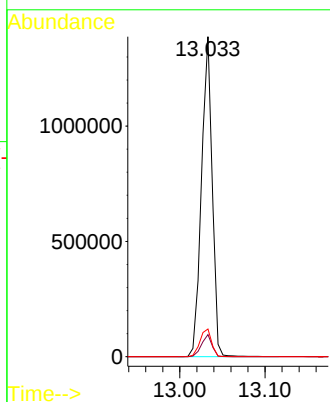
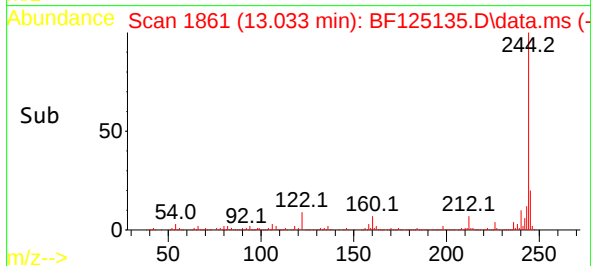


#79
Terphenyl-d14
Concen: 56.361 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18

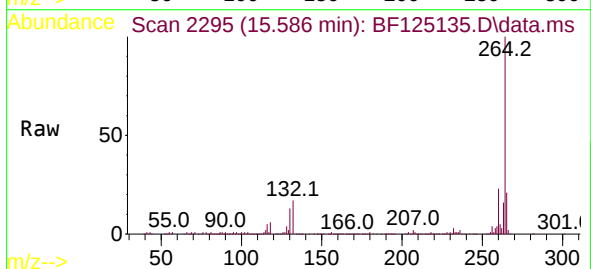
Instrument :
BNA_F
ClientSampleId :
CON-5



Tgt Ion:244 Resp: 1214905
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.6 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BF125135.D
Acq: 20 Aug 2021 15:18



Tgt Ion:264 Resp: 347531
Ion Ratio Lower Upper
264 100
260 22.7 19.6 29.4
265 20.7 17.2 25.8

