

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125129.D
 Acq On : 20 Aug 2021 12:03
 Operator : JU/CG
 Sample : M3449-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-1

Quant Time: Aug 20 13:05:20 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)

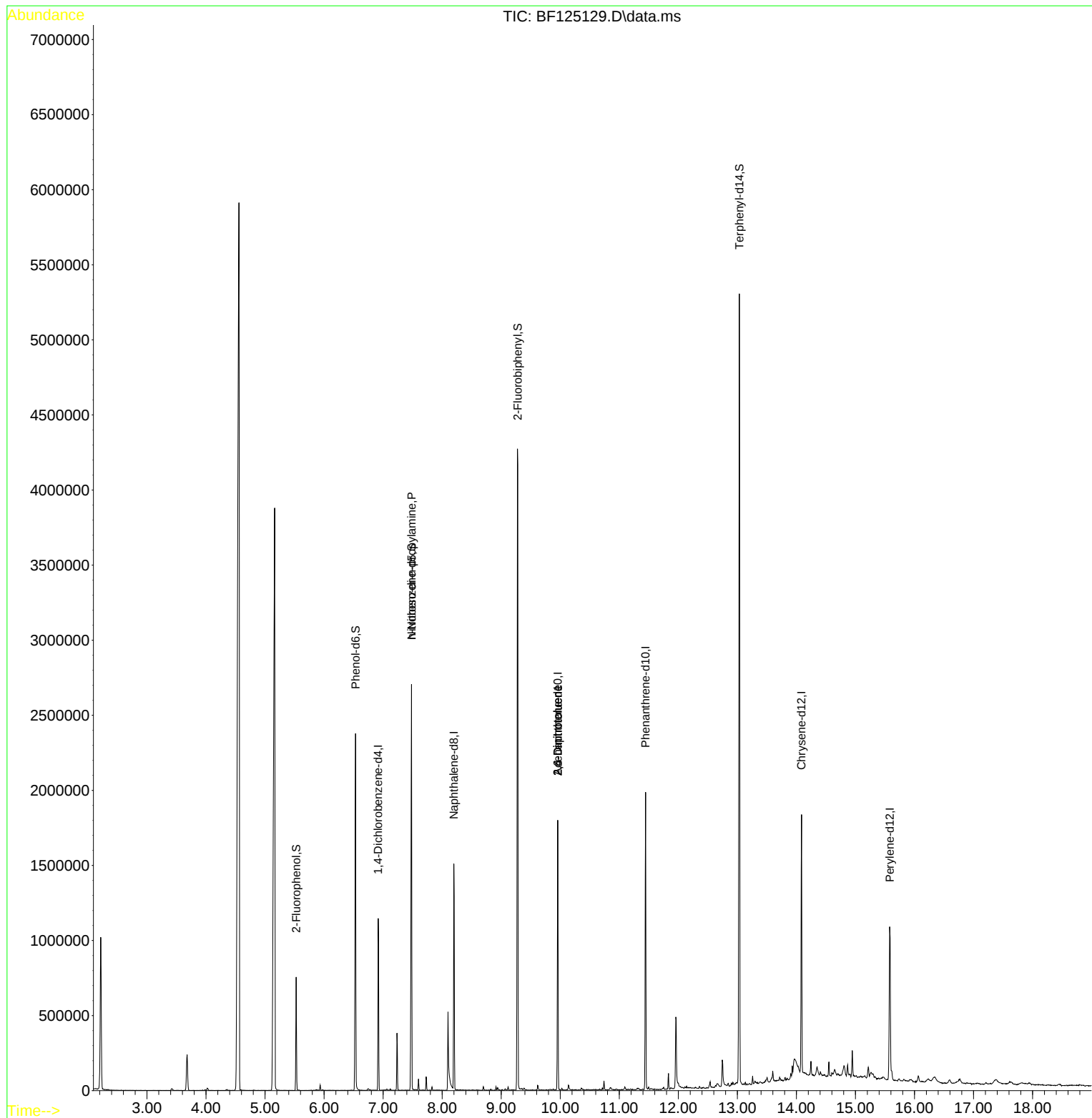
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	157502	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	612700	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	343038	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	679871	20.000	ng	0.00
76) Chrysene-d12	14.086	240	576894	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	472881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	160269	15.402	ng	0.00
7) Phenol-d6	6.534	99	688003	51.122	ng	0.00
23) Nitrobenzene-d5	7.481	82	787433	64.701	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	6439	1.880	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	1439308	58.478	ng	0.00
79) Terphenyl-d14	13.033	244	2005871	55.392	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	106621	13.172	ng	# 60
51) 2,6-Dinitrotoluene	9.957	165	43129	8.367	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	43129	6.913	ng	# 20

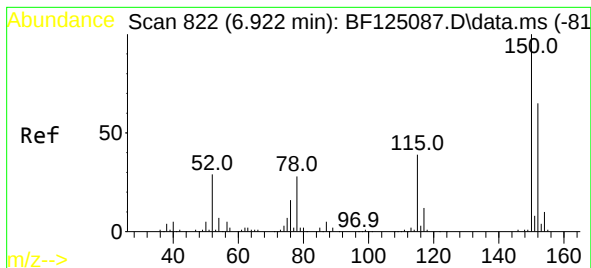
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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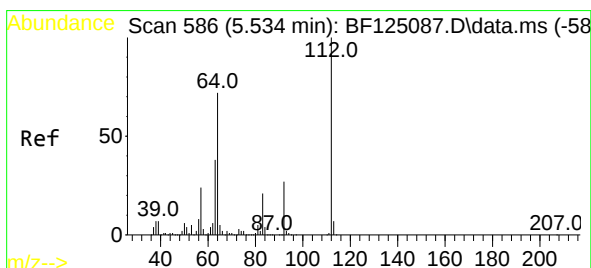
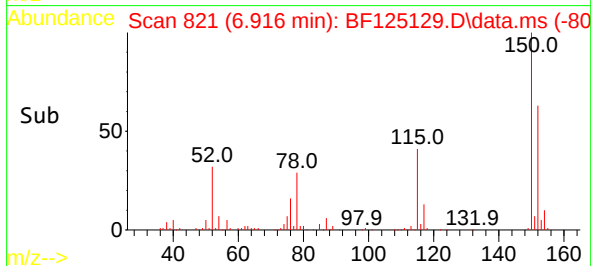
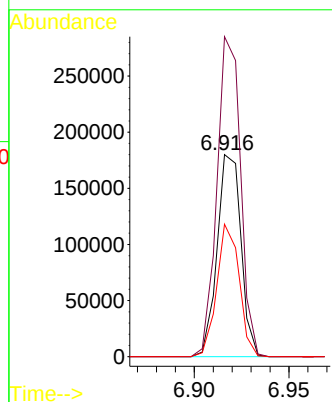
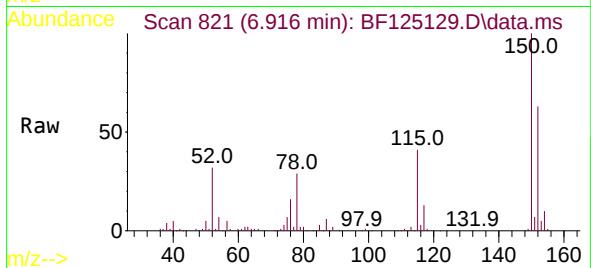




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

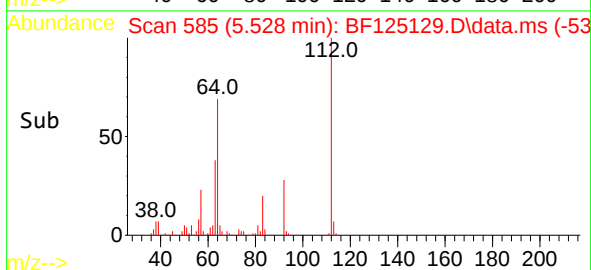
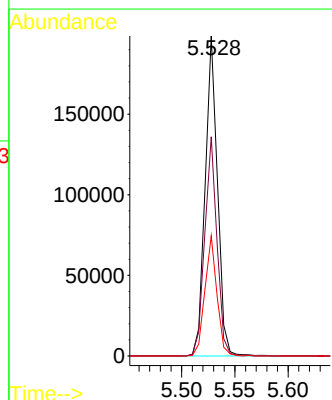
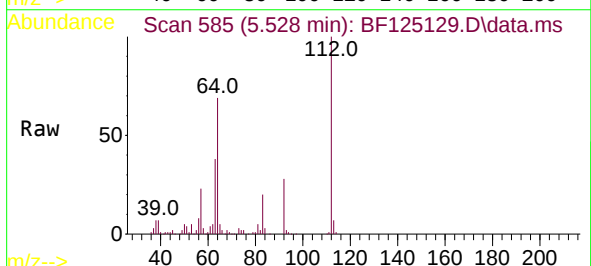
Instrument :
BNA_F
ClientSampleId :
CON-1

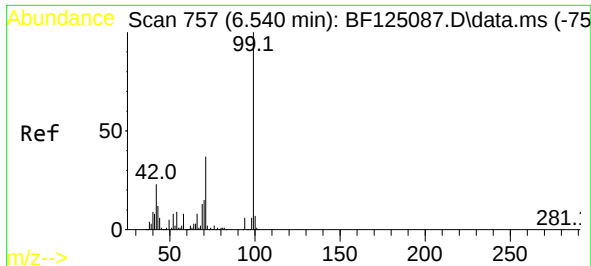
Tgt Ion:152 Resp: 157502
Ion Ratio Lower Upper
152 100
150 158.4 117.6 176.4
115 65.6 47.1 70.7



#5
2-Fluorophenol
Concen: 15.402 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.006 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

Tgt Ion:112 Resp: 160269
Ion Ratio Lower Upper
112 100
64 68.5 44.2 66.2#
63 37.6 26.2 39.2

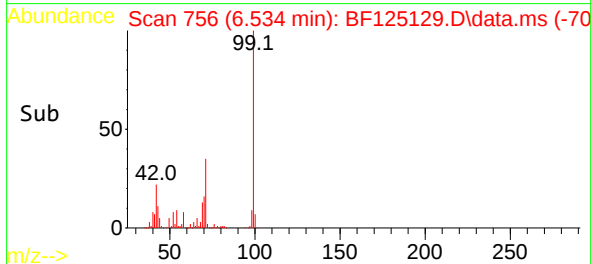
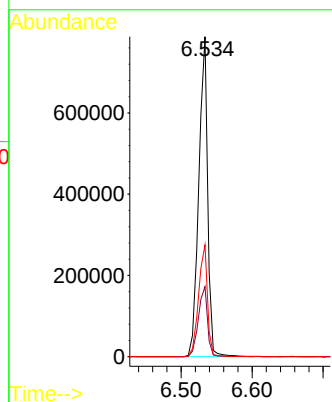
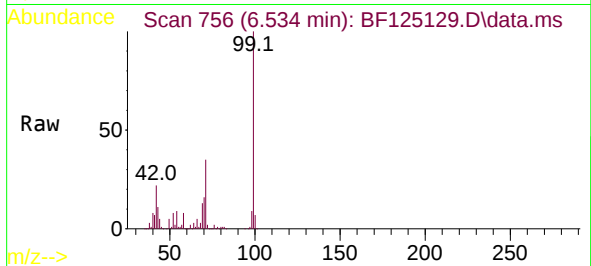




#7
Phenol-d6
Concen: 51.122 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

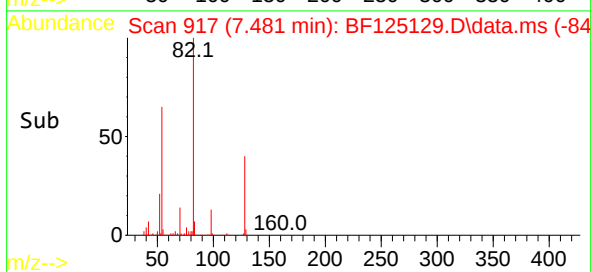
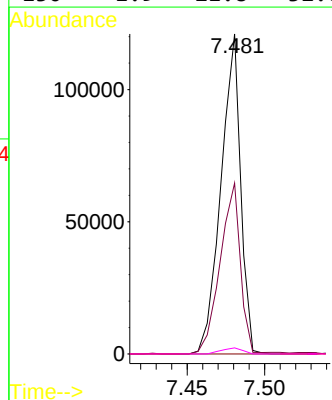
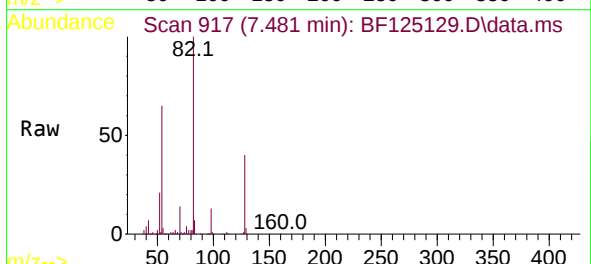
Instrument :
BNA_F
ClientSampleId :
CON-1

Tgt Ion: 99 Resp: 688003
Ion Ratio Lower Upper
99 100
42 21.9 23.5 35.3#
71 35.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.172 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

Tgt Ion: 70 Resp: 106621
Ion Ratio Lower Upper
70 100
42 53.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

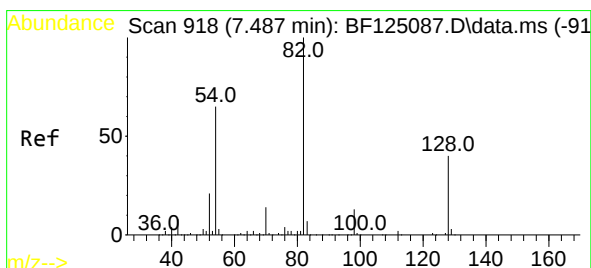
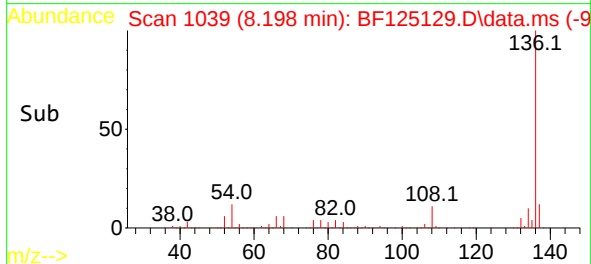
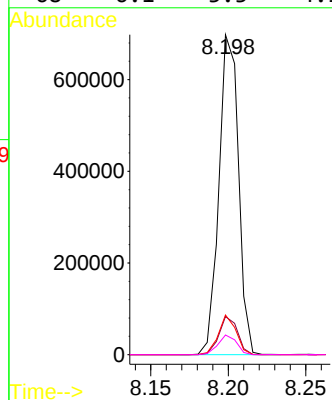
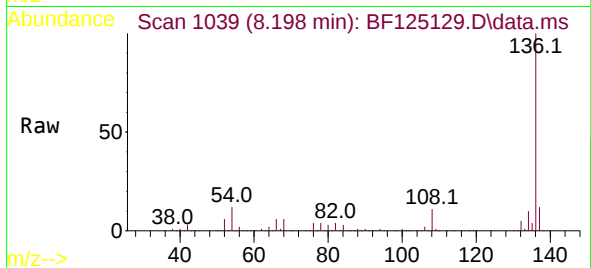




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

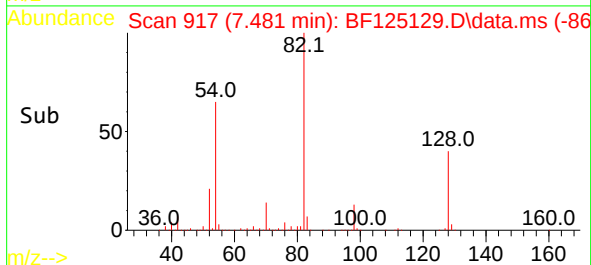
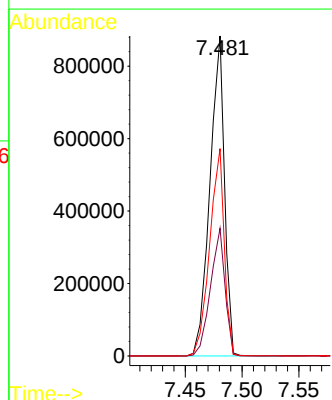
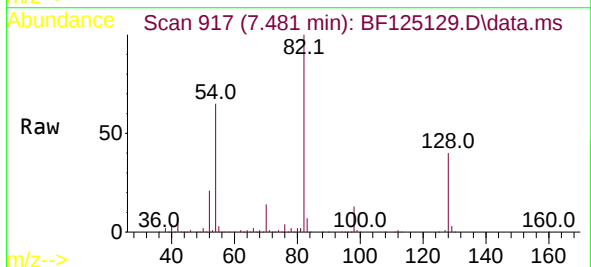
Instrument :
BNA_F
ClientSampled :
CON-1

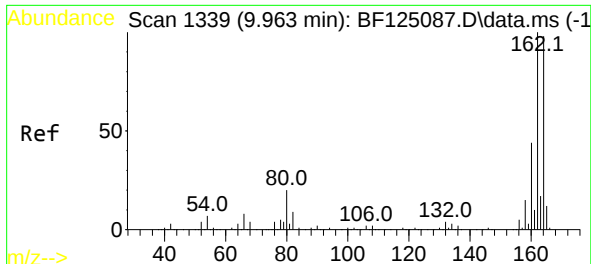
Tgt Ion:	136	Resp:	612700
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.6
54	12.4	6.4	9.6#
68	6.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 64.701 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

Tgt Ion:	82	Resp:	787433
Ion	Ratio	Lower	Upper
82	100		
128	39.9	40.6	60.8#
54	64.8	49.6	74.4

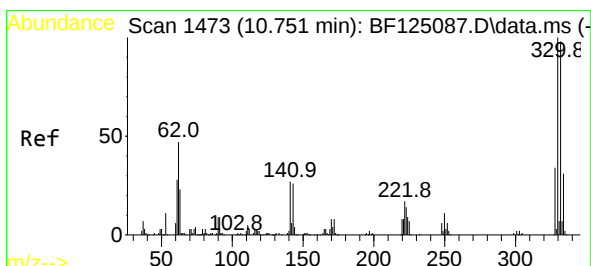
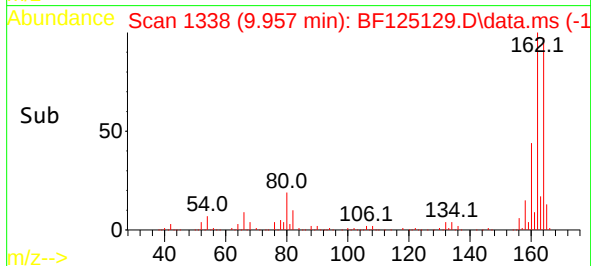
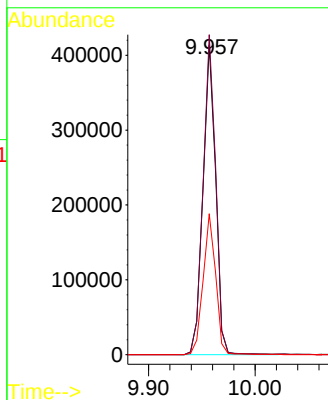
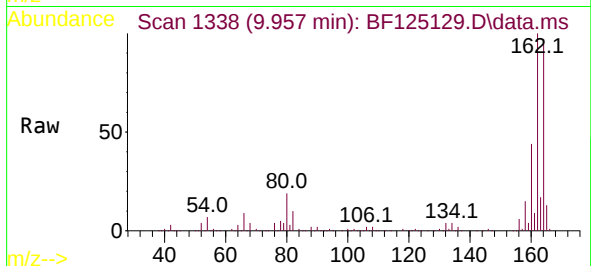




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

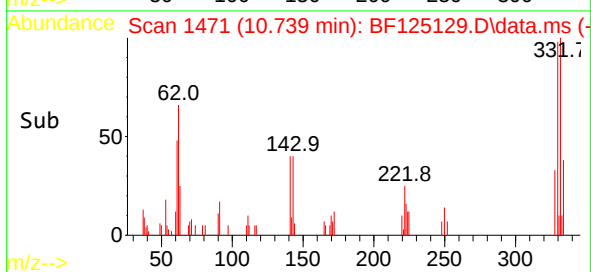
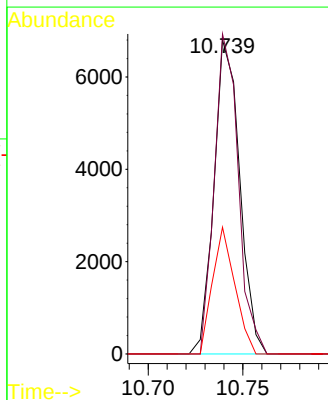
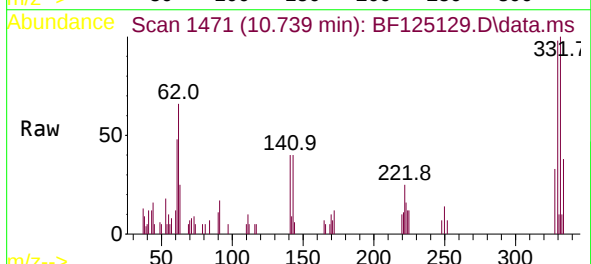
Instrument :
BNA_F
ClientSampleId :
CON-1

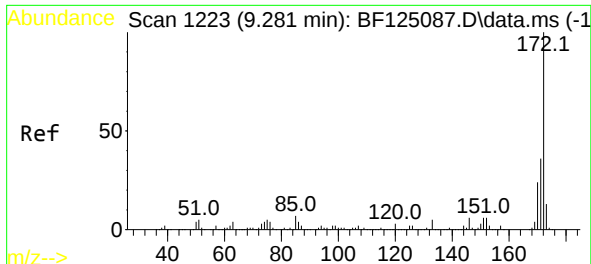
Tgt Ion:164 Resp: 343038
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 45.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 1.880 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.012 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

Tgt Ion:330 Resp: 6439
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 35.0 44.6 66.8#



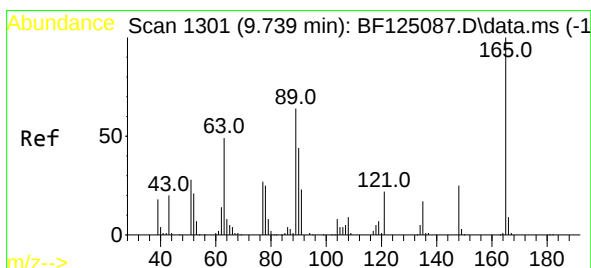
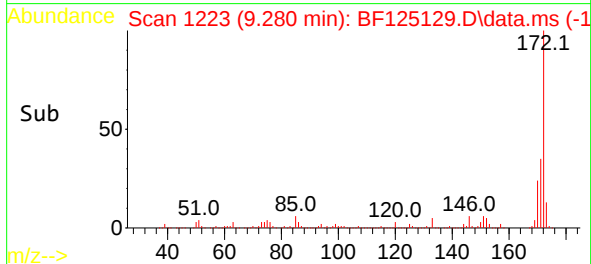
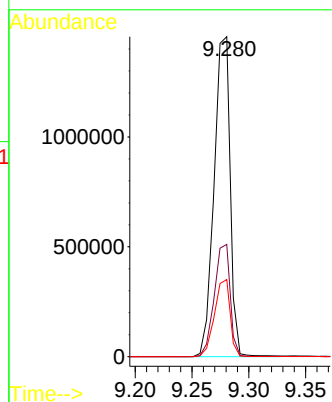
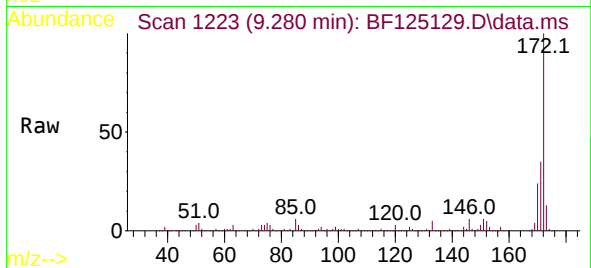


#45
2-Fluorobiphenyl
Concen: 58.478 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

Instrument :
BNA_F
ClientSampleId :
CON-1

Tgt Ion:172 Resp: 1439308

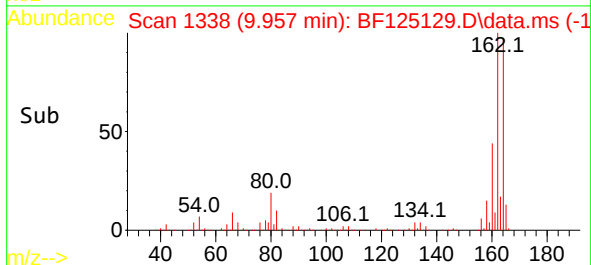
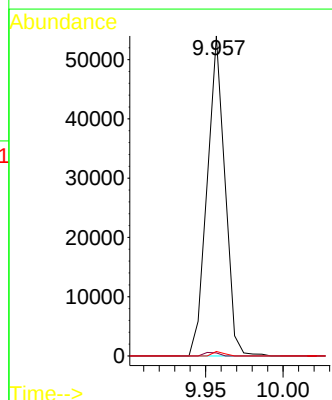
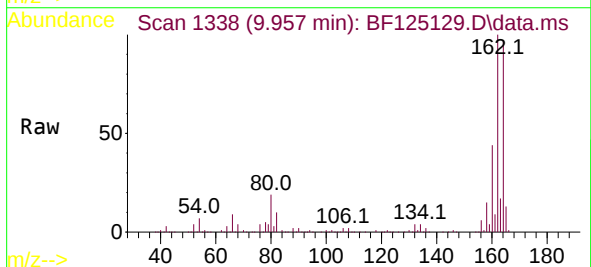
Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.5	39.7
170	24.1	18.8	28.2

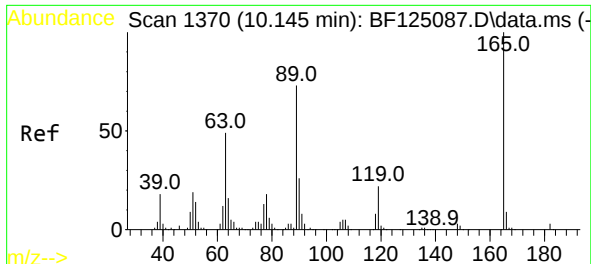


#51
2,6-Dinitrotoluene
Concen: 8.367 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

Tgt Ion:165 Resp: 43129

Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.6	63.8#
89	1.4	40.6	60.8#

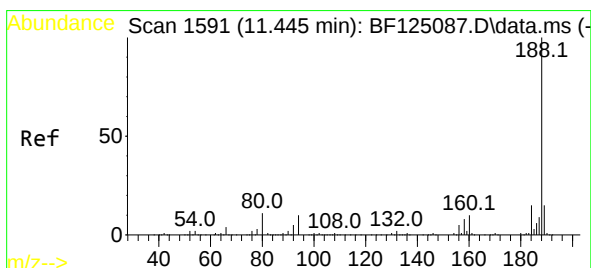
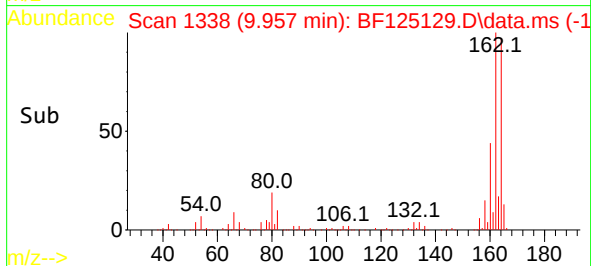
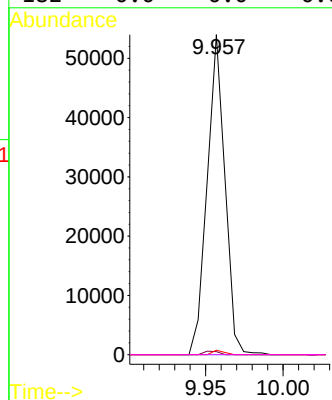
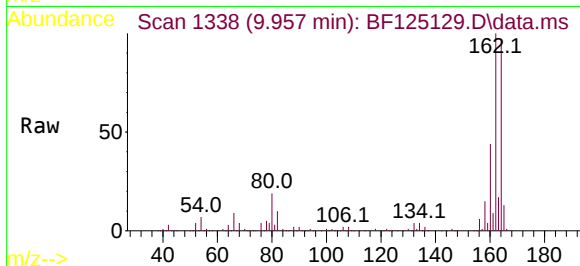




#57
2,4-Dinitrotoluene
Concen: 6.913 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

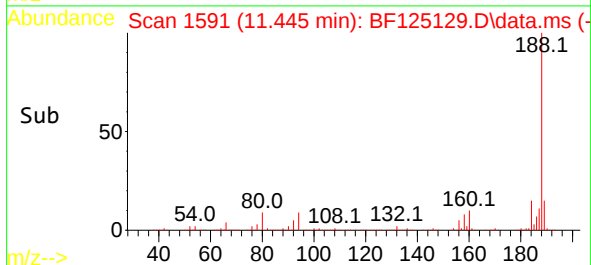
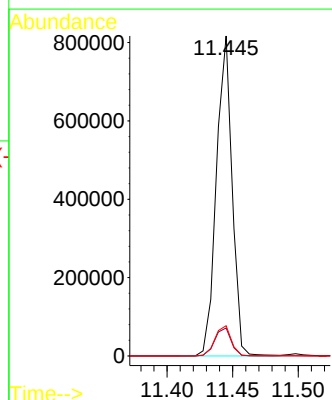
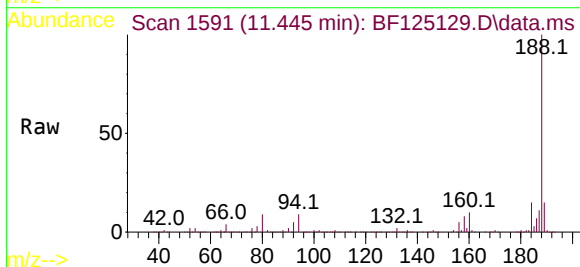
Instrument :
BNA_F
ClientSampled :
CON-1

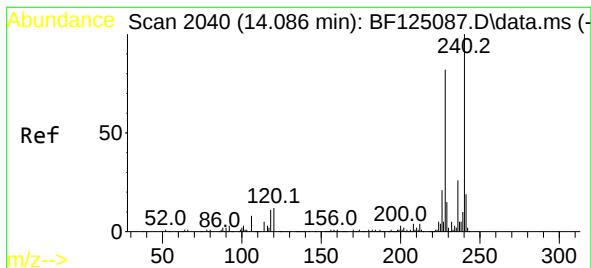
Tgt Ion:165	Resp:	43129
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	1.4	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

Tgt Ion:188	Resp:	679871
Ion Ratio	Lower	Upper
188	100	
94	8.7	6.7 10.1
80	9.5	7.5 11.3

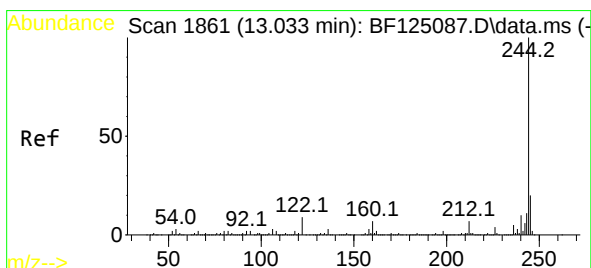
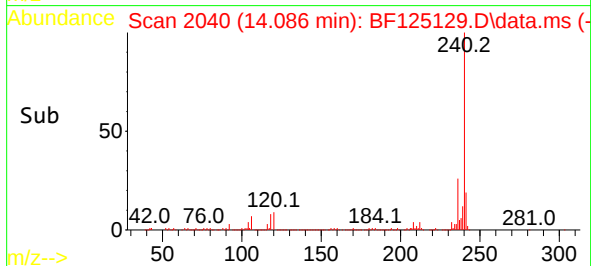
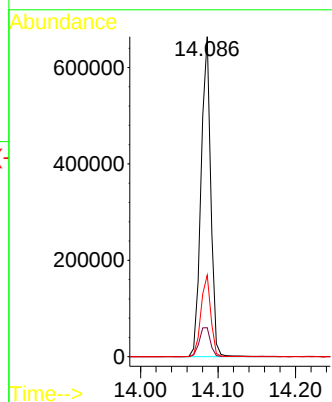
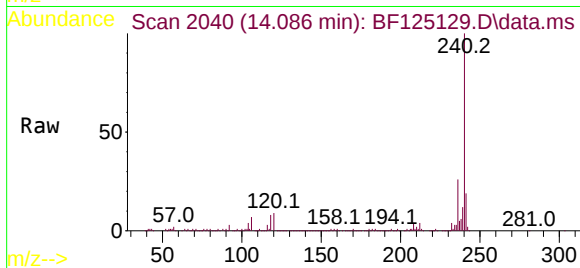




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

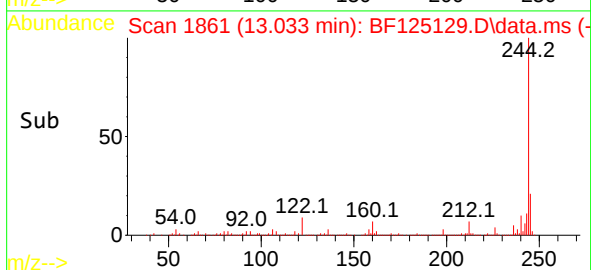
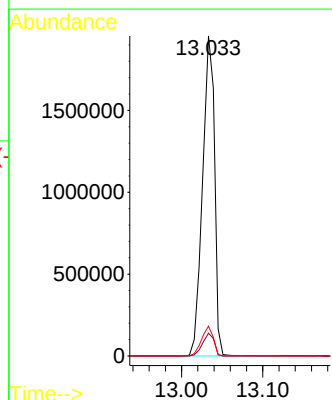
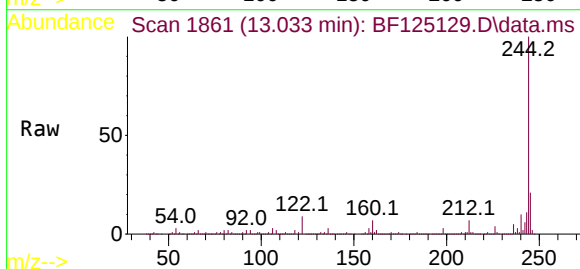
Instrument :
BNA_F
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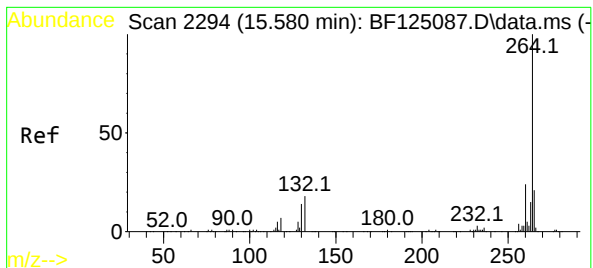
Tgt Ion:240 Resp: 576894
Ion Ratio Lower Upper
240 100
120 9.0 10.8 16.2#
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 55.392 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125129.D
Acq: 20 Aug 2021 12:03

Tgt Ion:244 Resp: 2005871
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.3 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: BF125129.D
 Acq: 20 Aug 2021 12:03

Instrument :
 BNA_F
 ClientSampleId :
 CON-1

Tgt Ion:264 Resp: 472881
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 21.8 17.2 25.8

