

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125136.D
 Acq On : 20 Aug 2021 15:50
 Operator : JU/CG
 Sample : M3449-29
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-6

Quant Time: Aug 20 18:32:59 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

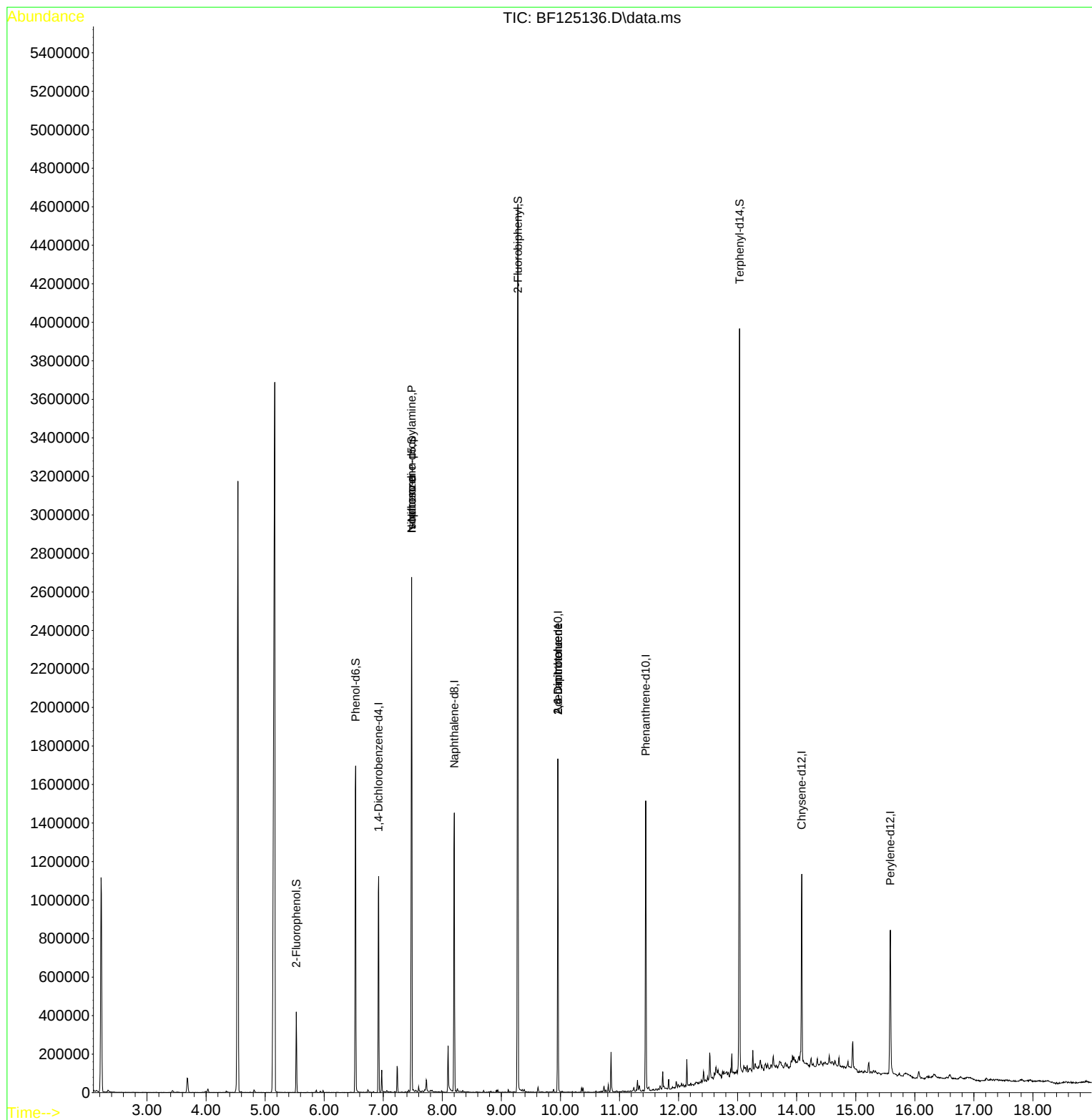
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	160091	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	619052	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	316395	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	521253	20.000	ng	0.00
76) Chrysene-d12	14.086	240	333415	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	343131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	90137	8.522	ng	0.00
7) Phenol-d6	6.534	99	513685	37.552	ng	0.00
23) Nitrobenzene-d5	7.481	82	818244	66.543	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	1761	0.558	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1433924	63.165	ng	0.00
79) Terphenyl-d14	13.033	244	1283917	61.347	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	113565	13.803	ng	# 59
25) Isophorone	7.481	82	814777	34.348	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	41100	8.645	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	41100	7.143	ng	# 20

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

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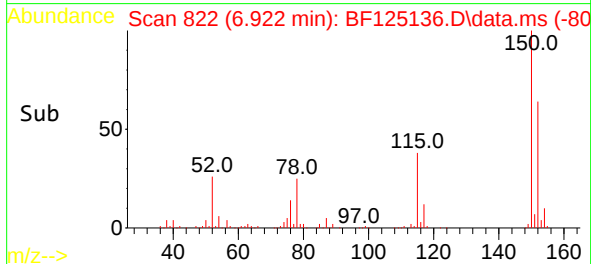
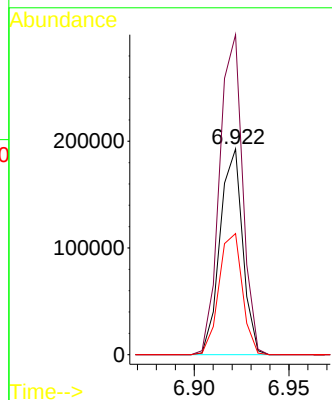
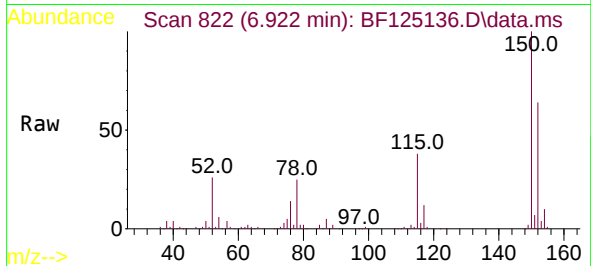




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

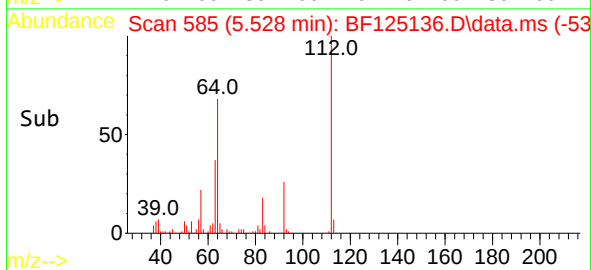
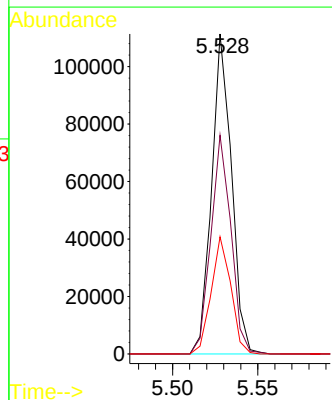
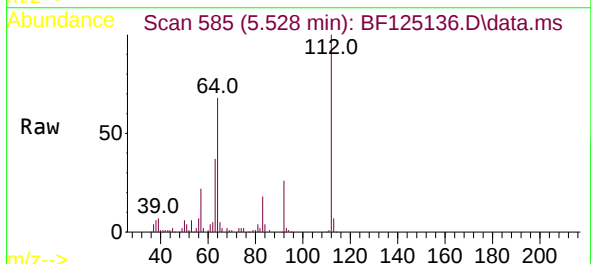
Instrument :
BNA_F
ClientSampled :
CON-6

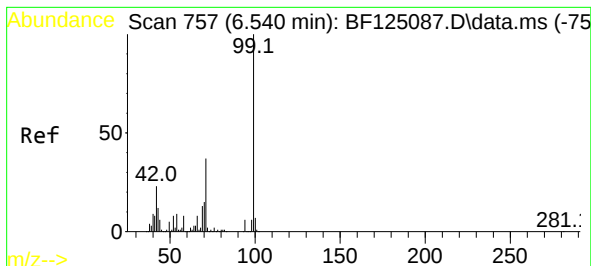
Tgt Ion:152 Resp: 160091
Ion Ratio Lower Upper
152 100
150 155.5 117.6 176.4
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 8.522 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.006 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

Tgt Ion:112 Resp: 90137
Ion Ratio Lower Upper
112 100
64 68.4 44.2 66.2#
63 36.6 26.2 39.2





#7

Phenol-d6

Concen: 37.552 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF125136.D

Acq: 20 Aug 2021 15:50

Tgt Ion: 99 Resp: 513685

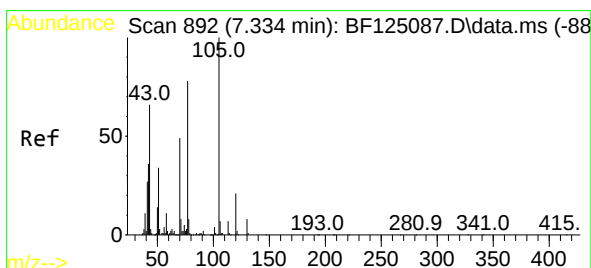
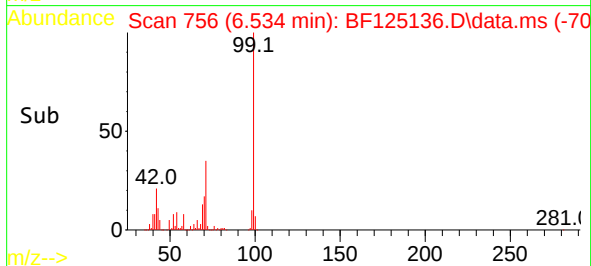
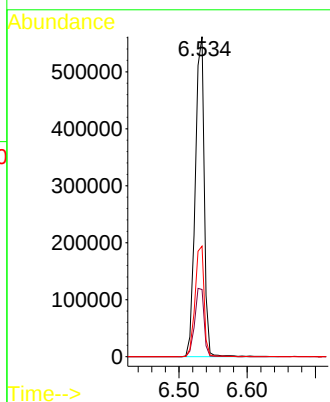
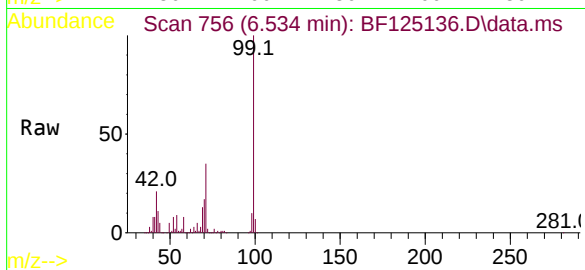
Ion	Ratio	Lower	Upper
99	100		
42	21.0	23.5	35.3#
71	34.5	25.6	38.4

Instrument :

BNA_F

ClientSampleId :

CON-6



#19

n-Nitroso-di-n-propylamine

Concen: 13.803 ng

RT: 7.481 min Scan# 917

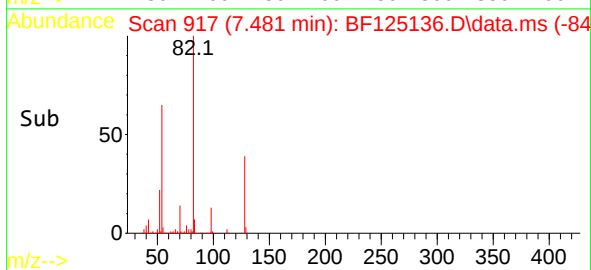
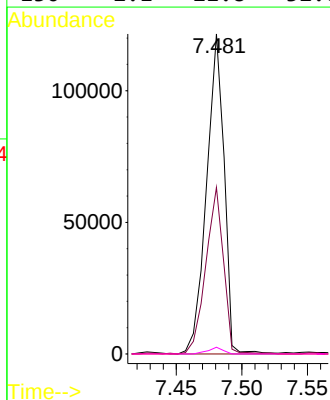
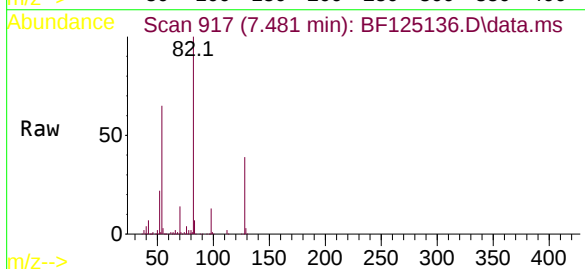
Delta R.T. 0.147 min

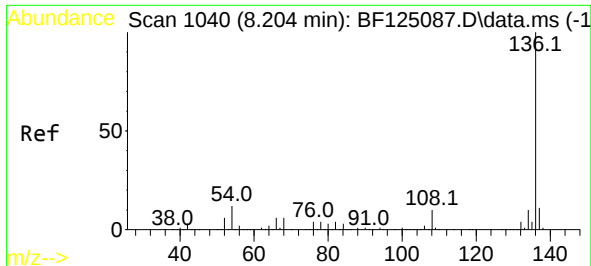
Lab File: BF125136.D

Acq: 20 Aug 2021 15:50

Tgt Ion: 70 Resp: 113565

Ion	Ratio	Lower	Upper
70	100		
42	52.0	72.2	108.2#
101	0.0	7.8	11.8#
130	2.1	21.8	32.6#

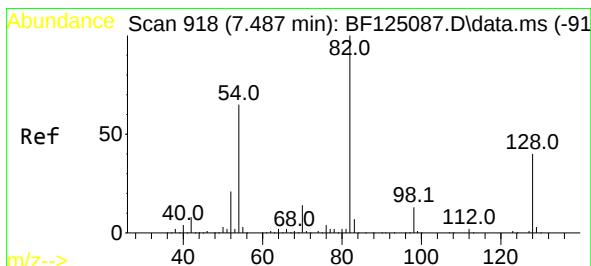
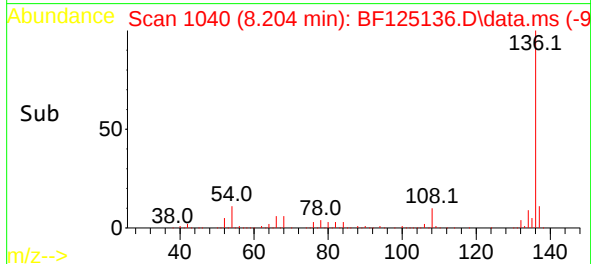
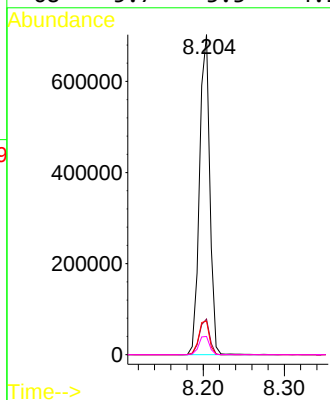
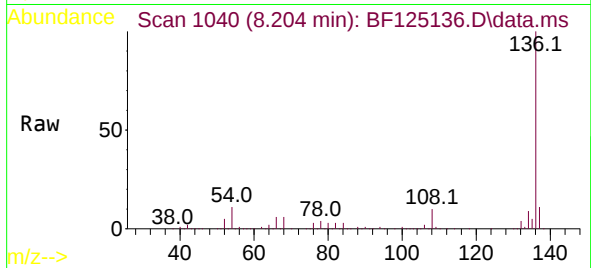




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

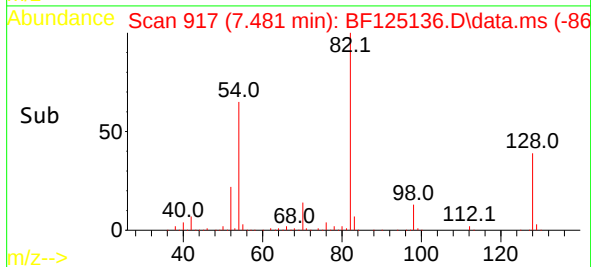
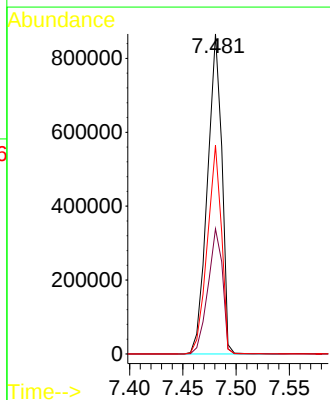
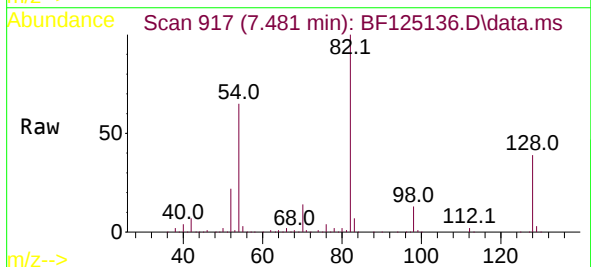
Instrument :
BNA_F
ClientSampled :
CON-6

Tgt Ion:136	Resp: 619052
Ion Ratio	Lower Upper
136 100	
137 11.2	9.8 14.6
54 10.5	6.4 9.6#
68 5.7	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 66.543 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

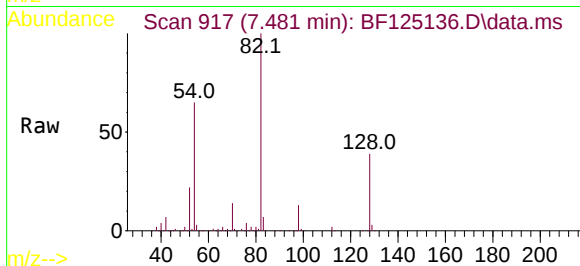
Tgt Ion: 82	Resp: 818244
Ion Ratio	Lower Upper
82 100	
128 39.1	40.6 60.8#
54 65.2	49.6 74.4



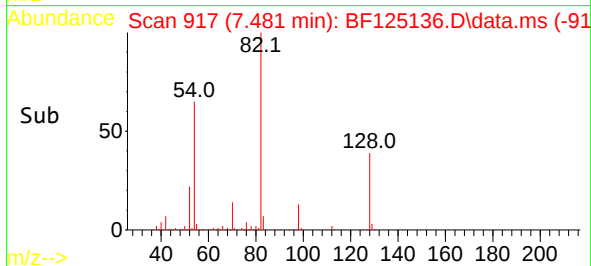
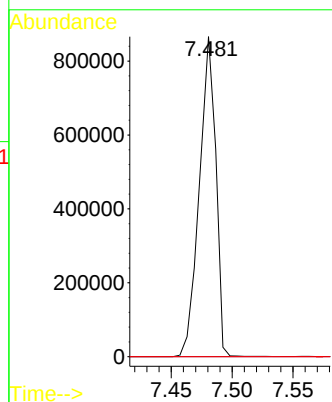


#25
Isophorone
Concen: 34.348 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

Instrument :
BNA_F
ClientSampleId :
CON-6

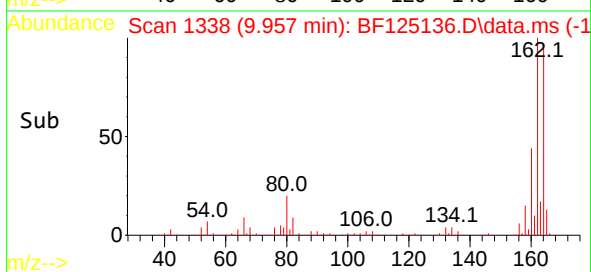
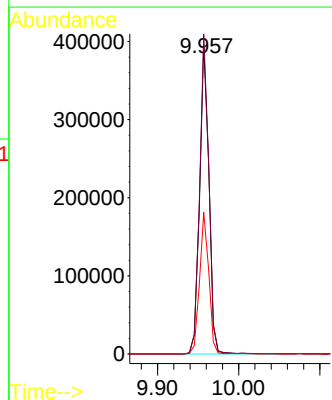
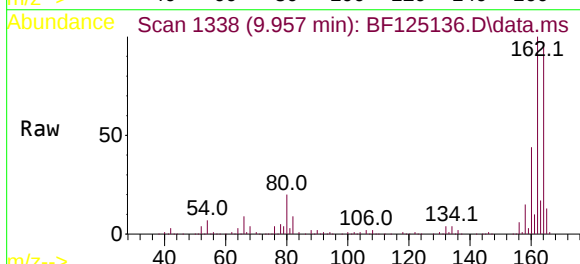


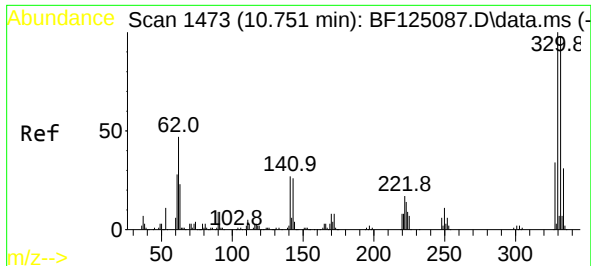
Tgt Ion: 82 Resp: 814777
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

Tgt Ion: 164 Resp: 316395
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 45.8 38.0 57.0

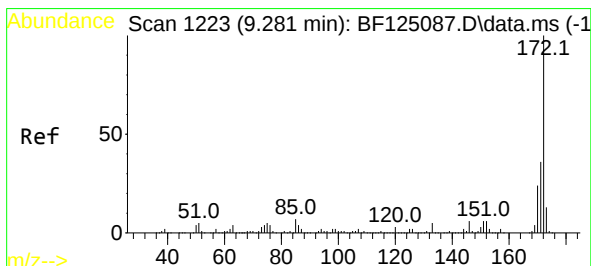
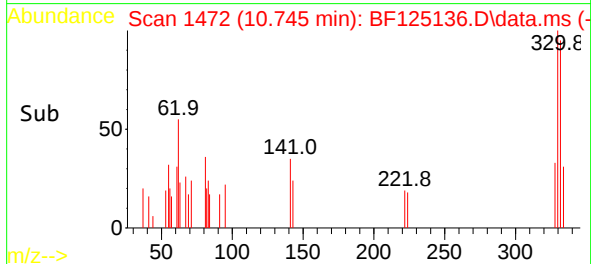
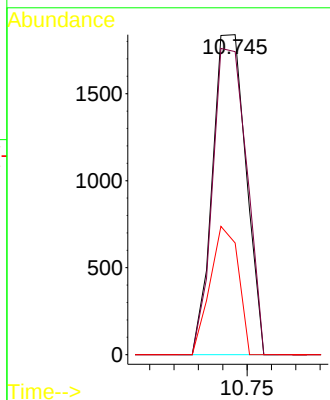
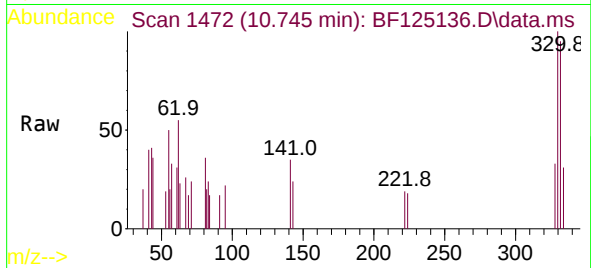




#42
2,4,6-Tribromophenol
Concen: 0.558 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

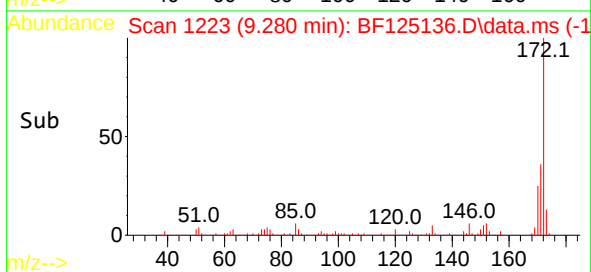
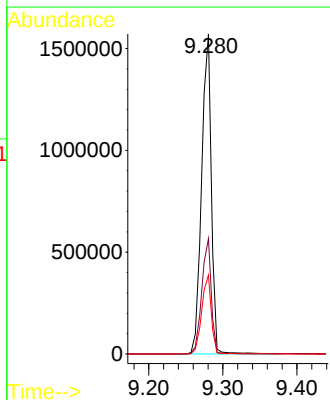
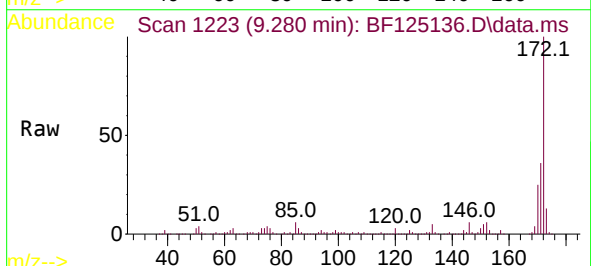
Instrument :
BNA_F
ClientSampleId :
CON-6

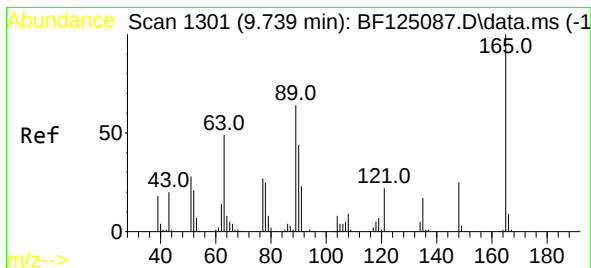
Tgt Ion: 330 Resp: 1761
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 33.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.165 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

Tgt Ion: 172 Resp: 1433924
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 24.7 18.8 28.2

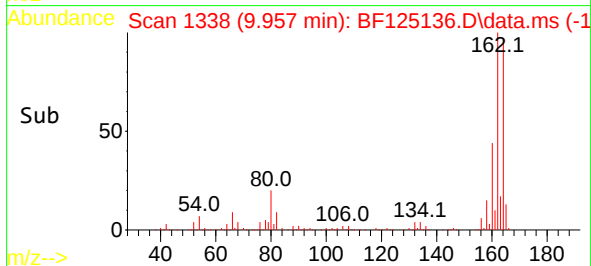
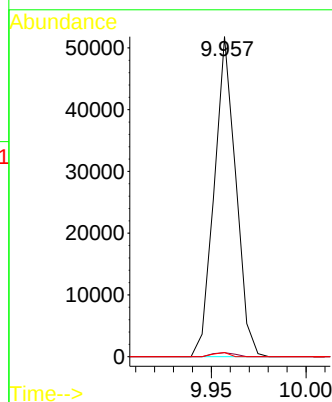
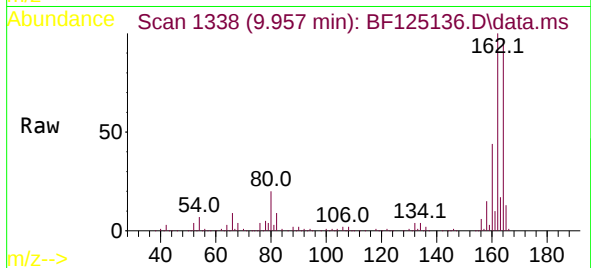




#51
2,6-Dinitrotoluene
Concen: 8.645 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

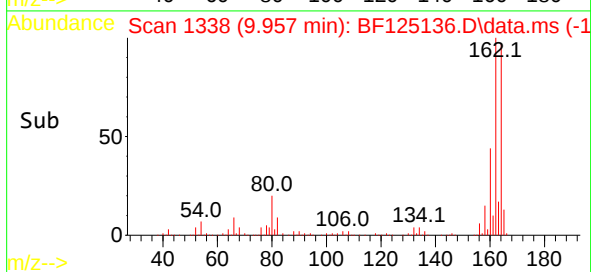
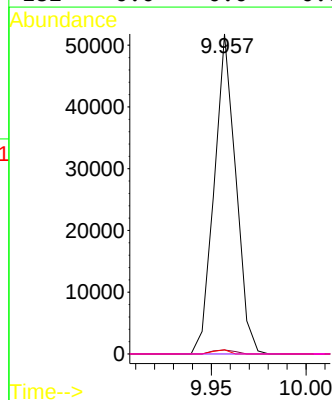
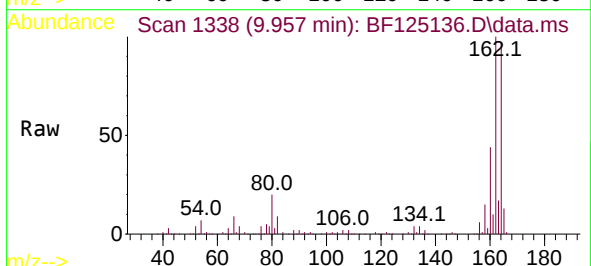
Instrument :
BNA_F
ClientSampled :
CON-6

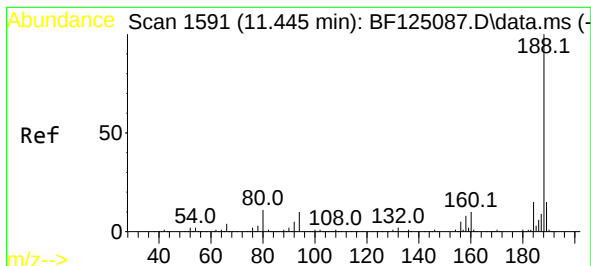
Tgt Ion:165 Resp: 41100
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.143 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

Tgt Ion:165 Resp: 41100
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

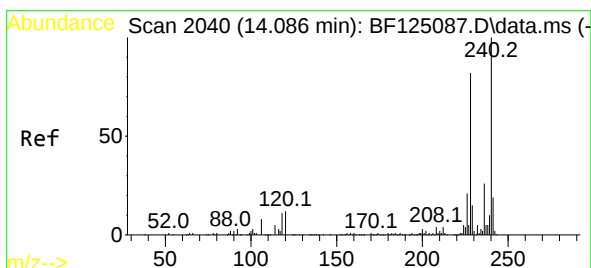
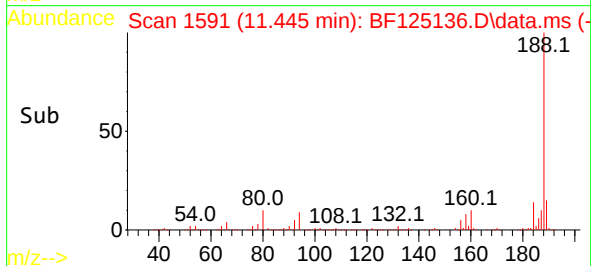
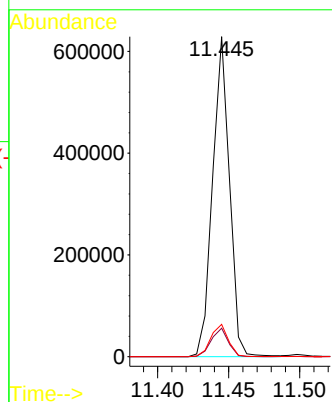
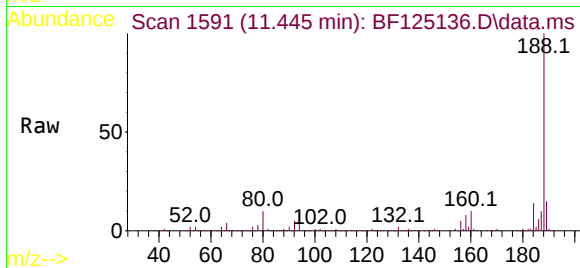




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

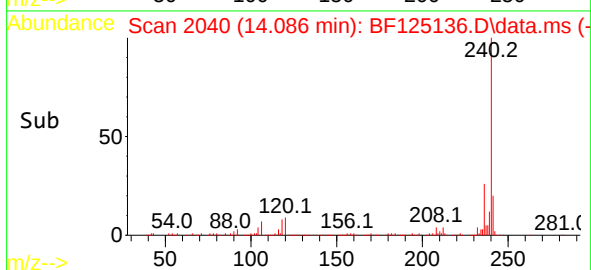
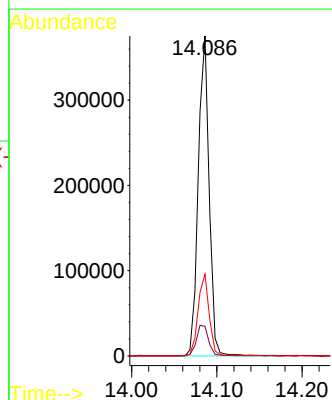
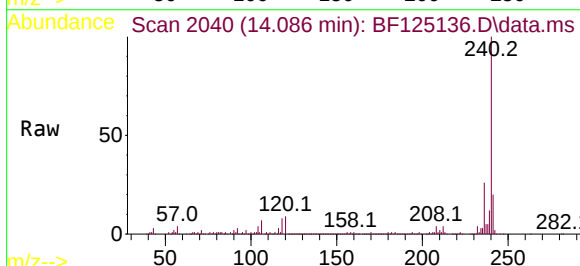
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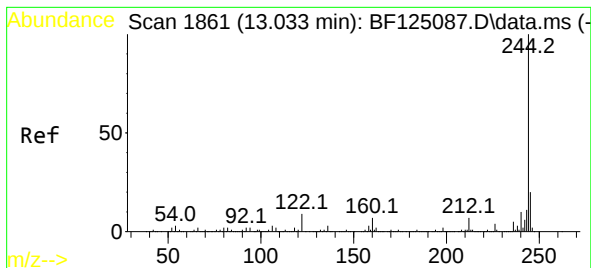
Tgt Ion:188 Resp: 521253
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

Tgt Ion:240 Resp: 333415
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 25.6 21.6 32.4

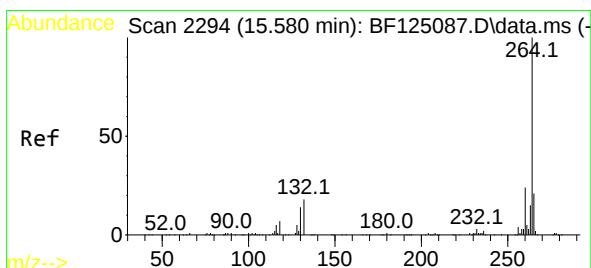
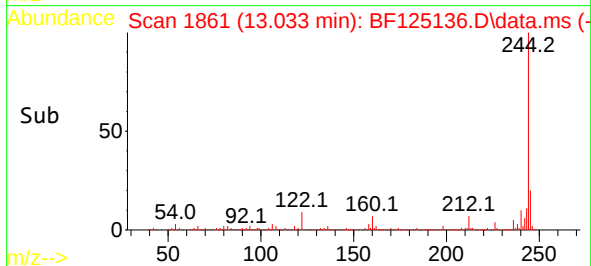
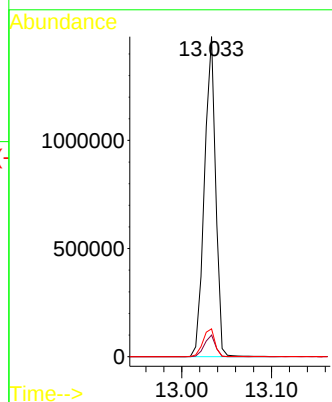
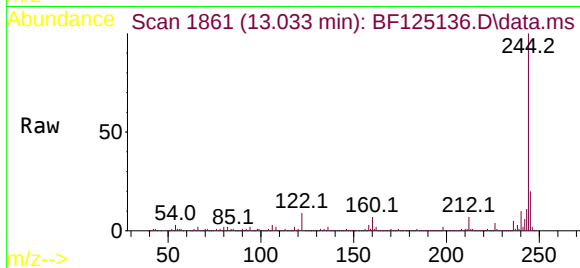




#79
 Terphenyl-d14
 Concen: 61.347 ng
 RT: 13.033 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: BF125136.D
 Acq: 20 Aug 2021 15:50

Instrument :
 BNA_F
 ClientSampled :
 CON-6

Tgt Ion:244 Resp: 1283917
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.7 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: BF125136.D
 Acq: 20 Aug 2021 15:50

Tgt Ion:264 Resp: 343131
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 21.3 17.2 25.8

