

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
 Data File : BF125228.D
 Acq On : 26 Aug 2021 16:45
 Operator : JU/CG
 Sample : M3536-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 370

Quant Time: Aug 27 05:01:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

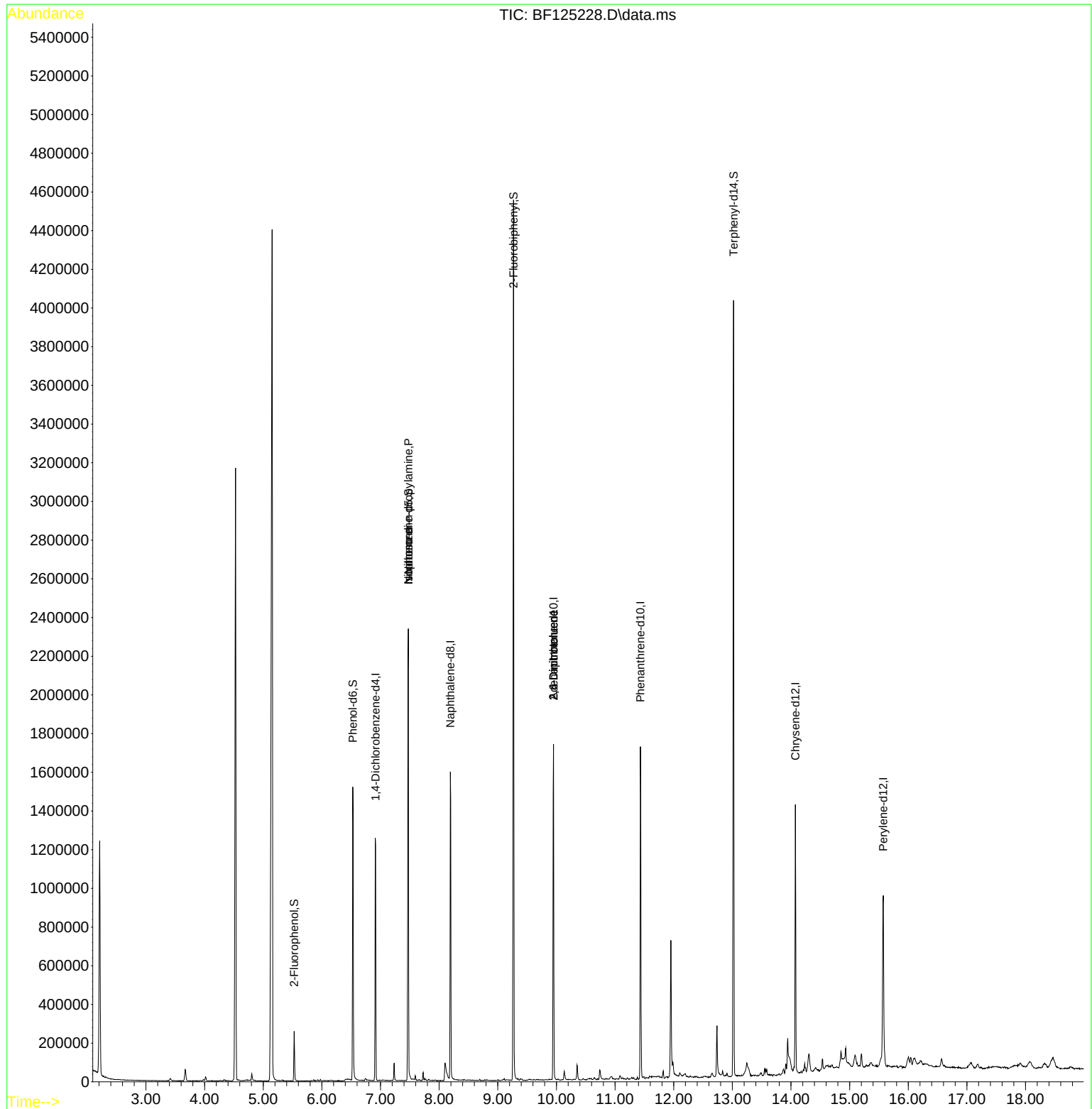
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	189091	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	715130	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	365842	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	623798	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	438076	20.000	ng	0.00
86) Perylene-d12	15.574	264	417793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	62954	5.039	ng	0.00
7) Phenol-d6	6.528	99	493089	30.518	ng	-0.01
23) Nitrobenzene-d5	7.475	82	728851	51.310	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	2992	0.819	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1307480	49.810	ng	0.00
79) Terphenyl-d14	13.022	244	1376518	50.058	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	101159	10.409	ng	# 57
25) Isophorone	7.475	82	728844	26.597	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	45700	8.313	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	45700	6.869	ng	# 20

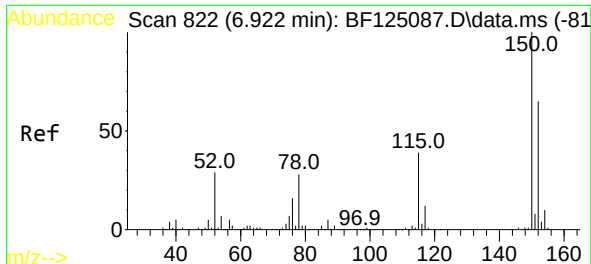
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

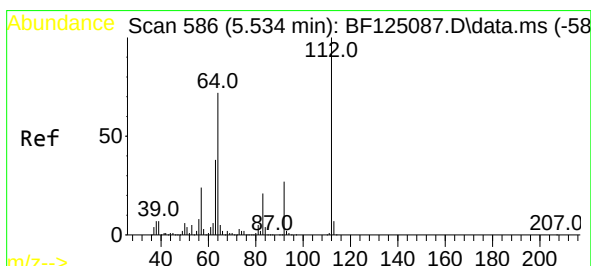
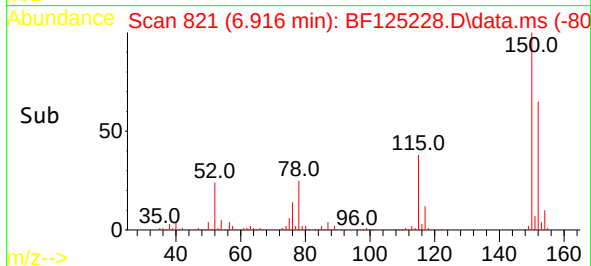
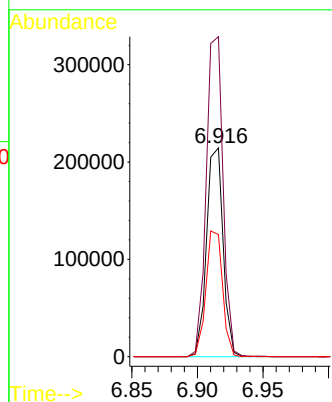
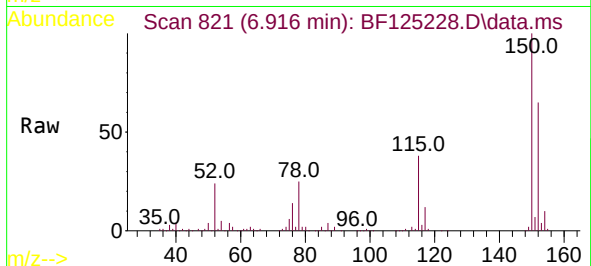




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

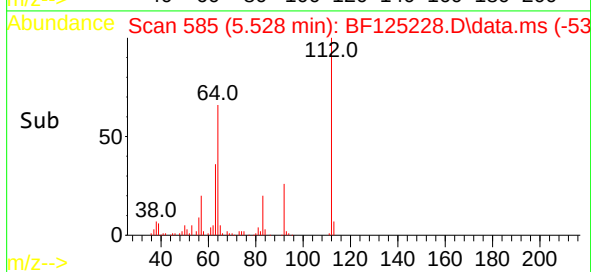
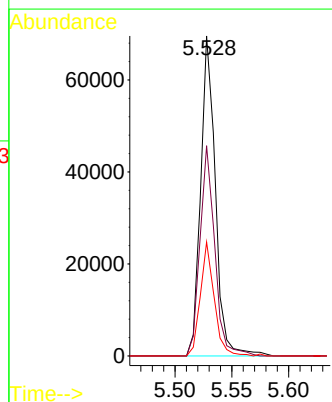
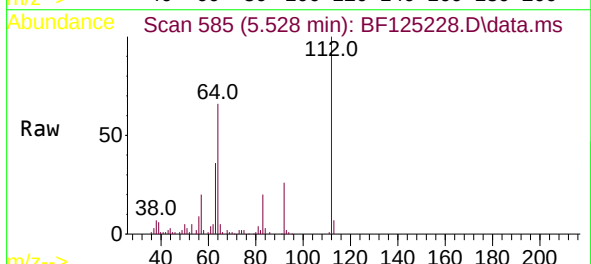
Instrument :
BNA_F
ClientSampleId :
370

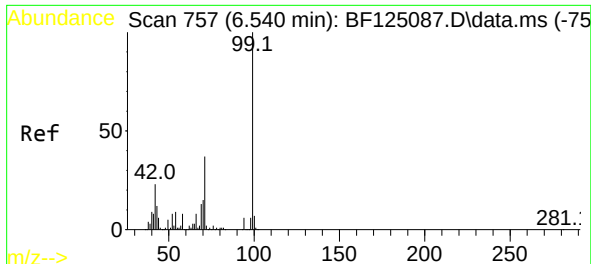
Tgt Ion:152 Resp: 189091
Ion Ratio Lower Upper
152 100
150 153.2 117.6 176.4
115 58.5 47.1 70.7



#5
2-Fluorophenol
Concen: 5.039 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

Tgt Ion:112 Resp: 62954
Ion Ratio Lower Upper
112 100
64 65.7 44.2 66.2
63 35.6 26.2 39.2

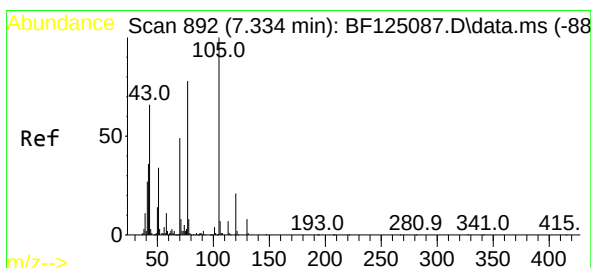
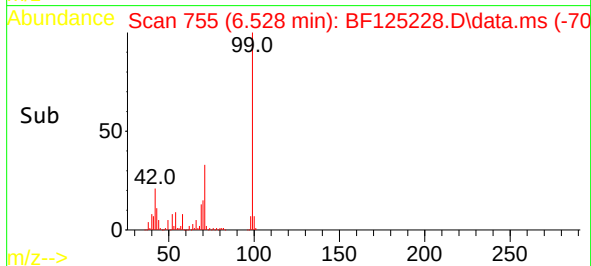
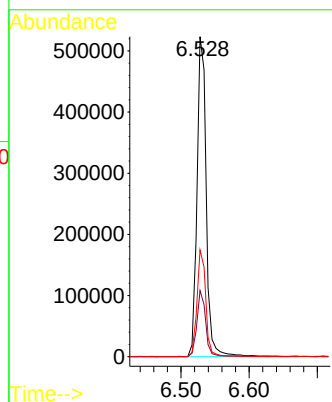
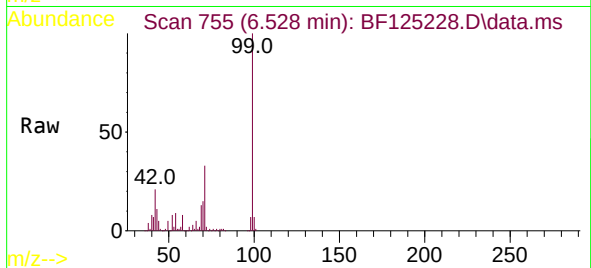




#7
Phenol-d6
Concen: 30.518 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

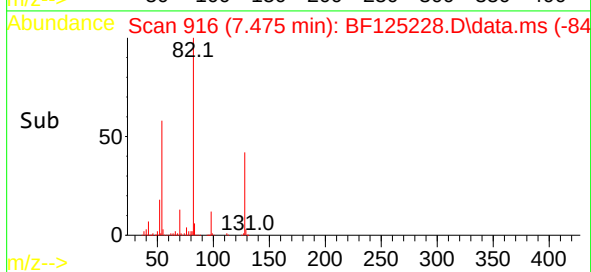
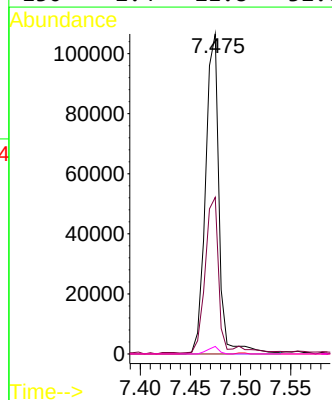
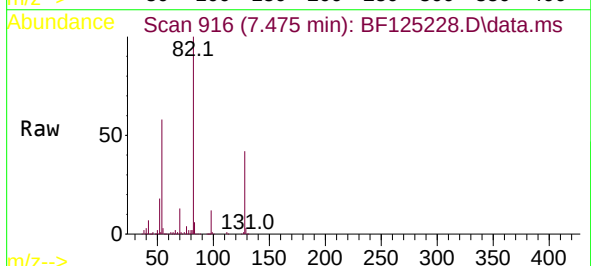
Instrument :
BNA_F
ClientSampleId :
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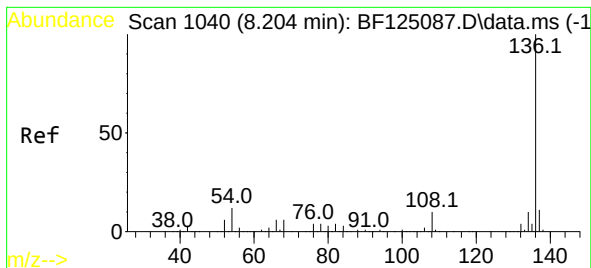
Tgt Ion: 99 Resp: 493089
Ion Ratio Lower Upper
99 100
42 20.7 23.5 35.3#
71 33.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.409 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

Tgt Ion: 70 Resp: 101159
Ion Ratio Lower Upper
70 100
42 49.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#

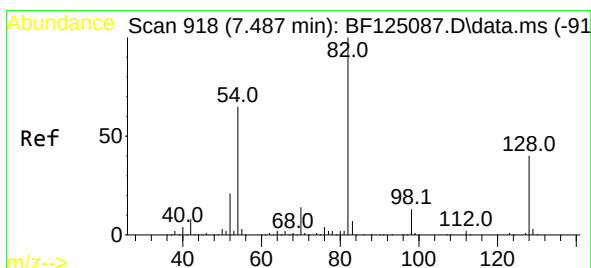
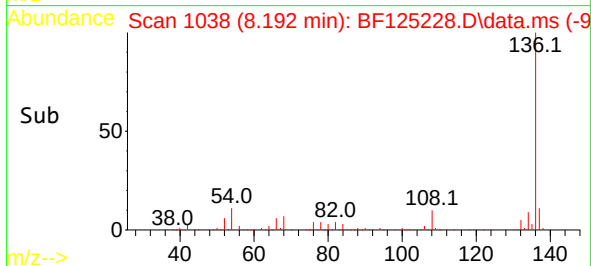
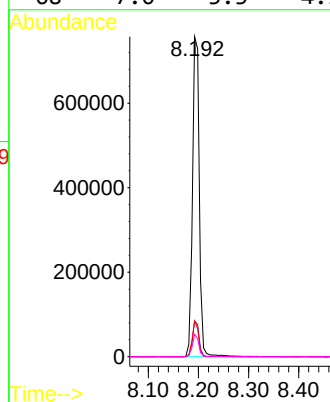
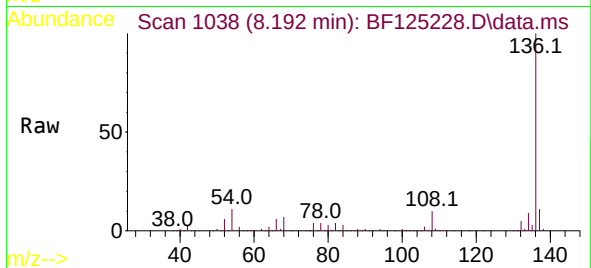




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

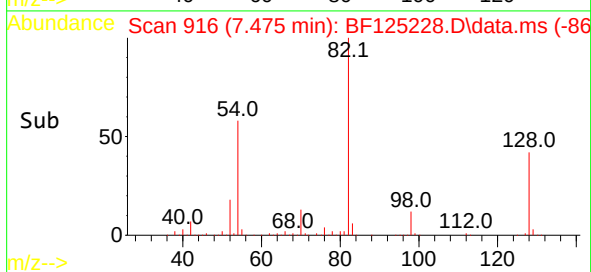
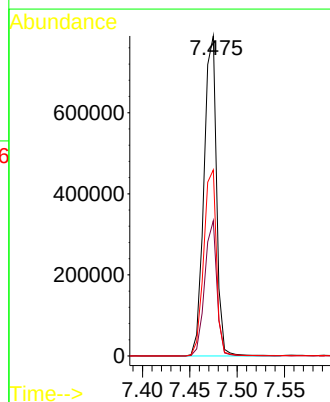
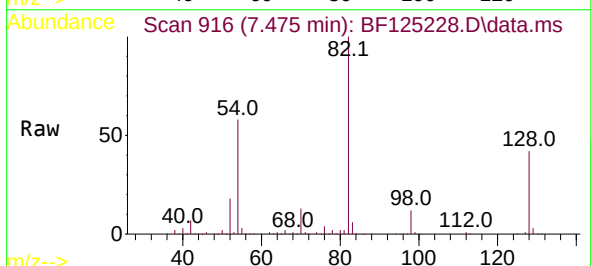
Instrument :
BNA_F
ClientSampled :
370

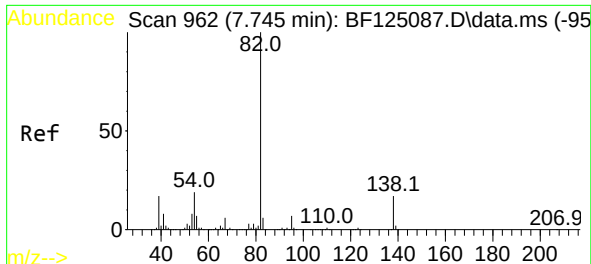
Tgt Ion:136 Resp: 715130
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 11.2 6.4 9.6#
68 7.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 51.310 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

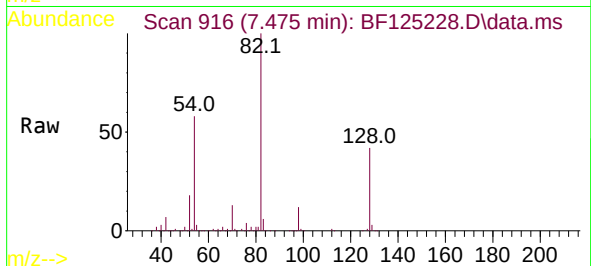
Tgt Ion: 82 Resp: 728851
Ion Ratio Lower Upper
82 100
128 42.3 40.6 60.8
54 58.1 49.6 74.4



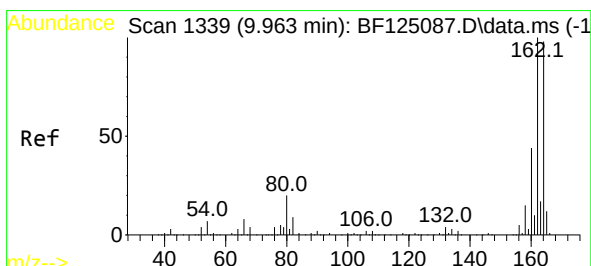
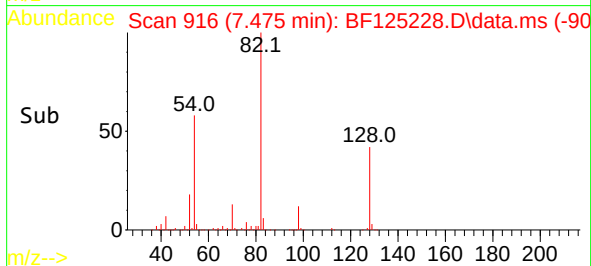
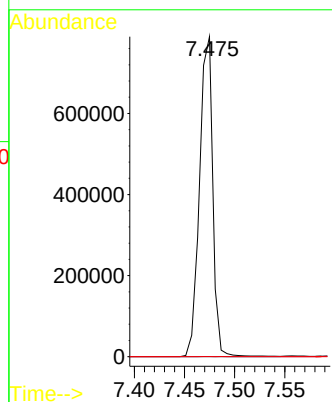


#25
Isophorone
Concen: 26.597 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

Instrument :
BNA_F
ClientSampleId :
370

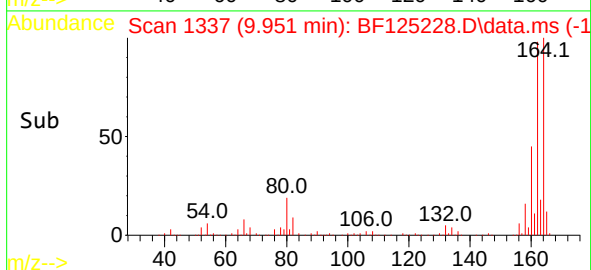
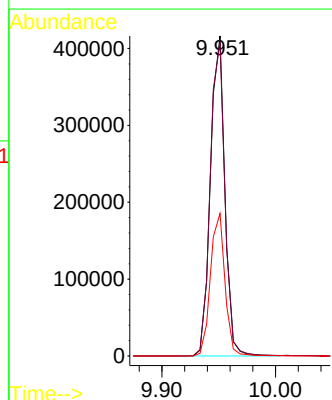
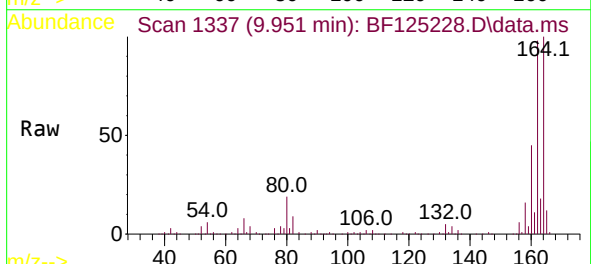


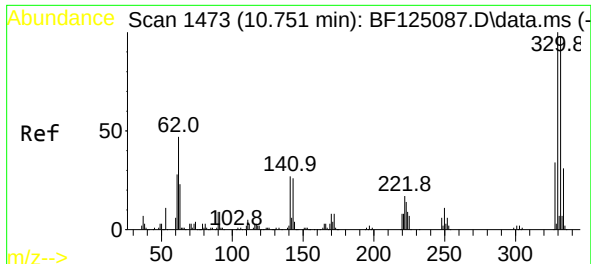
Tgt Ion: 82 Resp: 728844
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

Tgt Ion: 164 Resp: 365842
Ion Ratio Lower Upper
164 100
162 97.9 81.3 121.9
160 44.6 38.0 57.0

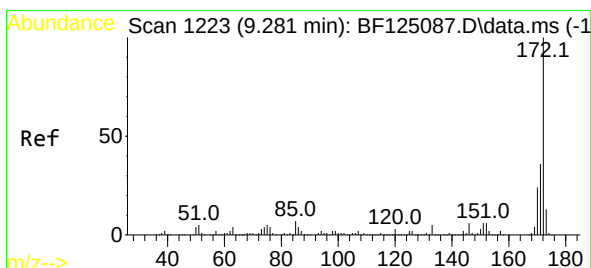
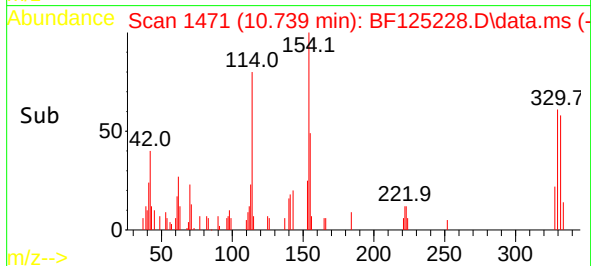
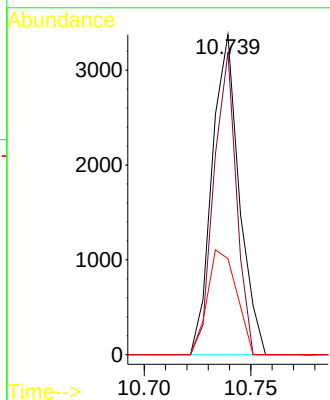
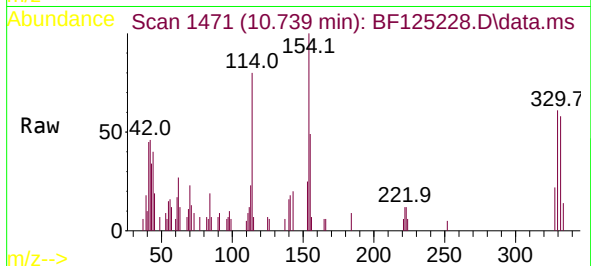




#42
2,4,6-Tribromophenol
Concen: 0.819 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

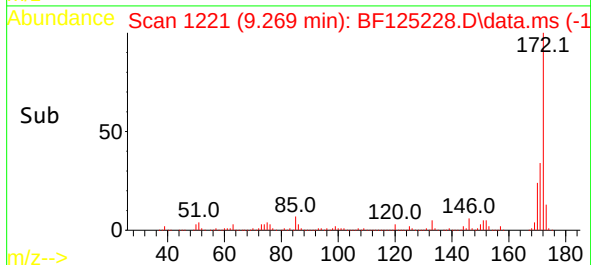
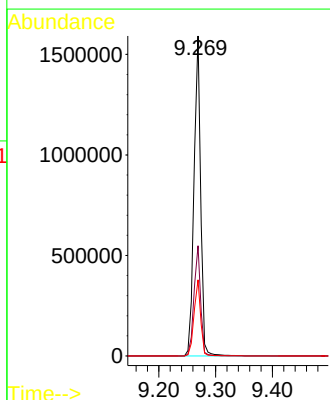
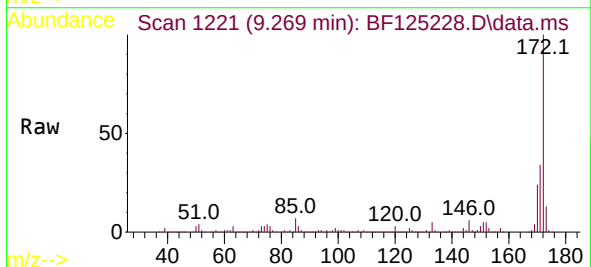
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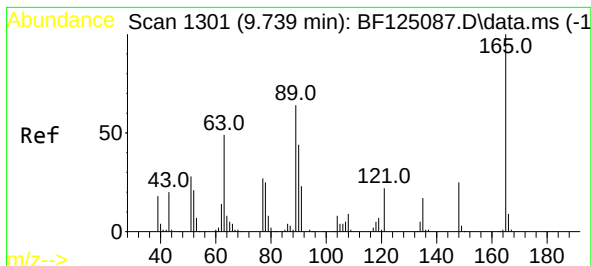
Tgt Ion: 330 Resp: 2992
Ion Ratio Lower Upper
330 100
332 78.2 76.2 114.4
141 35.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 49.810 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

Tgt Ion: 172 Resp: 1307480
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 23.8 18.8 28.2

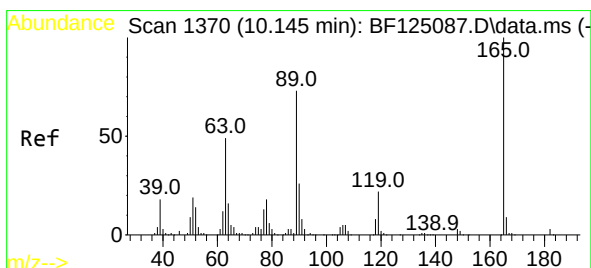
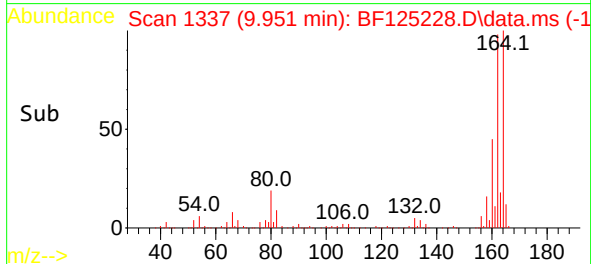
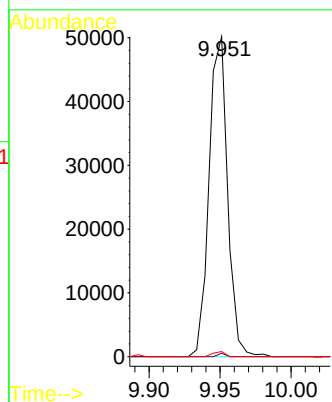
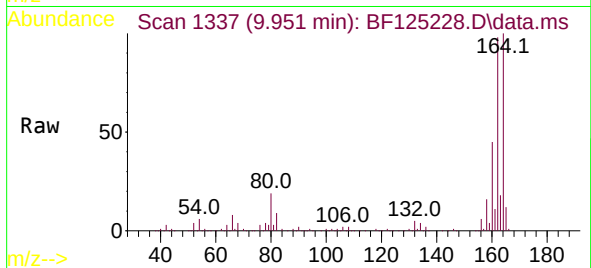




#51
2,6-Dinitrotoluene
Concen: 8.313 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

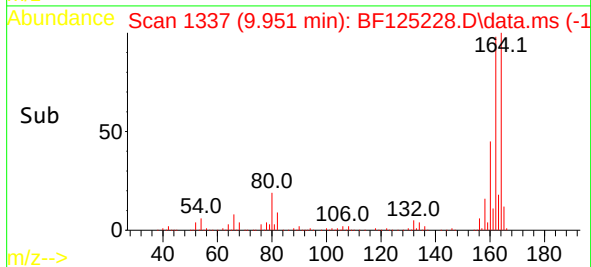
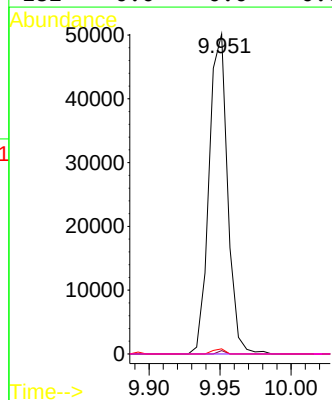
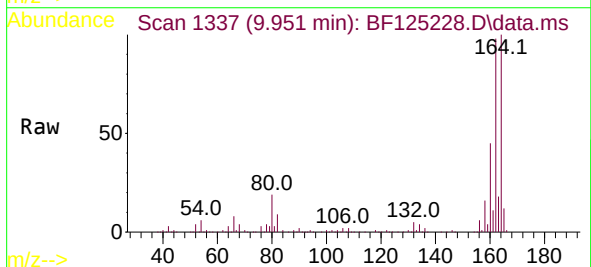
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BNA_F
ClientSampled :
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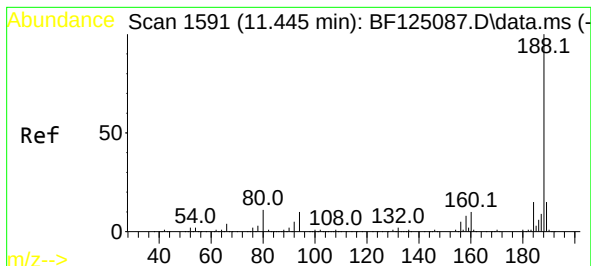
Tgt Ion:165 Resp: 45700
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.6 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.869 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

Tgt Ion:165 Resp: 45700
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.6 59.7 89.5#
182 0.0 0.0 0.0

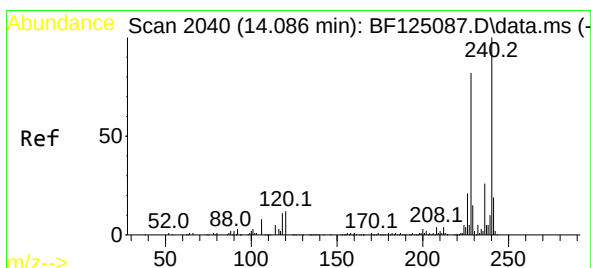
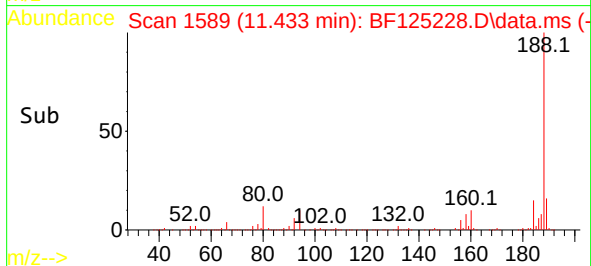
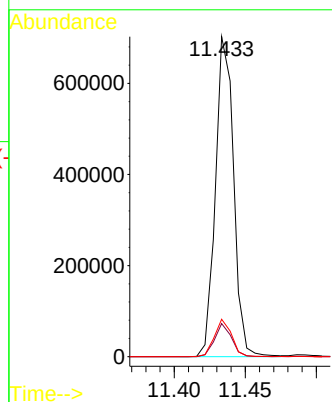
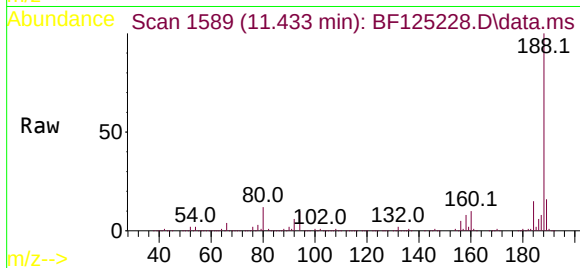




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

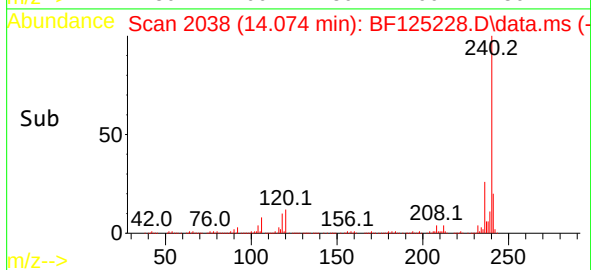
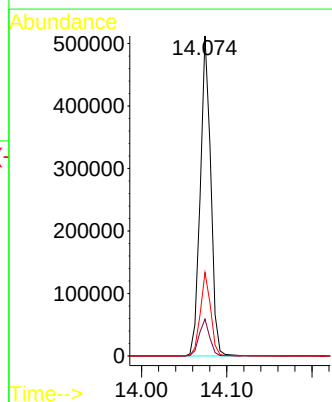
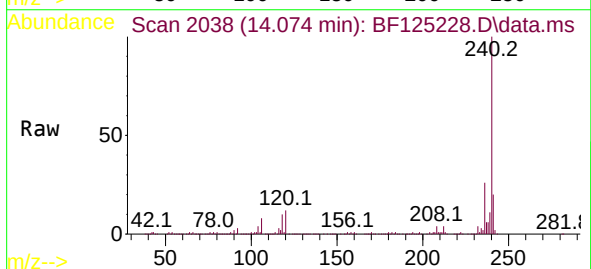
Instrument :
BNA_F
ClientSampleId :
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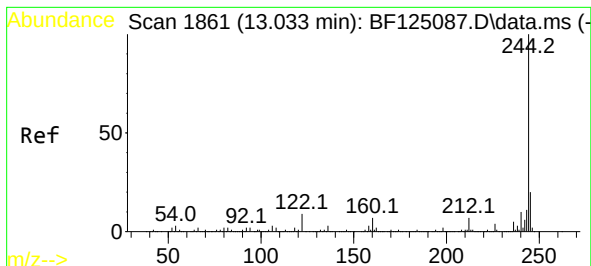
Tgt Ion:188 Resp: 623798
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 11.7 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125228.D
Acq: 26 Aug 2021 16:45

Tgt Ion:240 Resp: 438076
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 26.1 21.6 32.4





#79

Terphenyl-d14

Concen: 50.058 ng

RT: 13.022 min Scan# 1859

Delta R.T. 0.000 min

Lab File: BF125228.D

Acq: 26 Aug 2021 16:45

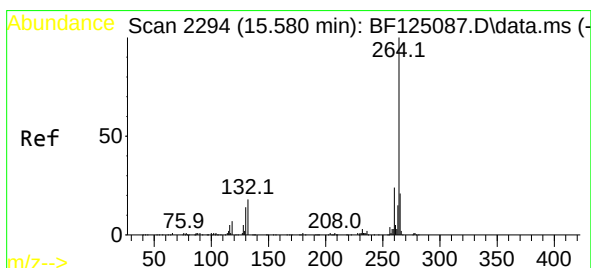
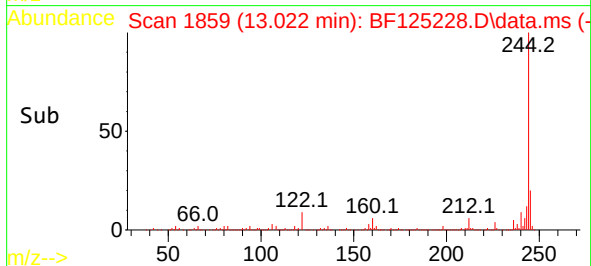
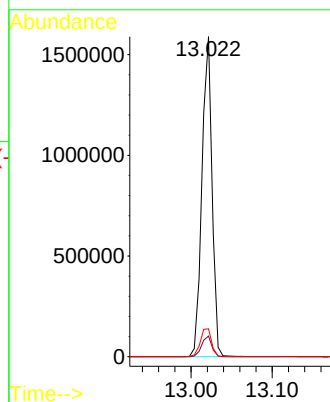
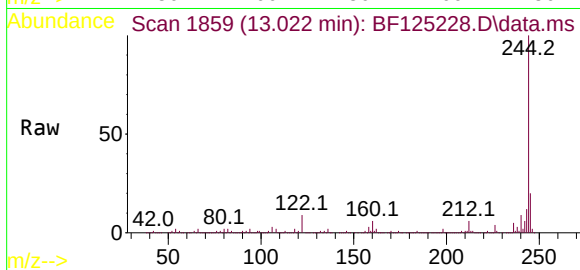
Tgt Ion:244 Resp: 1376518

Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

122 8.7 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.000 min

Lab File: BF125228.D

Acq: 26 Aug 2021 16:45

Tgt Ion:264 Resp: 417793

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 21.4 17.2 25.8

