

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
 Data File : BF125240.D
 Acq On : 26 Aug 2021 23:30
 Operator : JU/CG
 Sample : M3545-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCS-COMP-2

Quant Time: Aug 27 05:05:10 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)

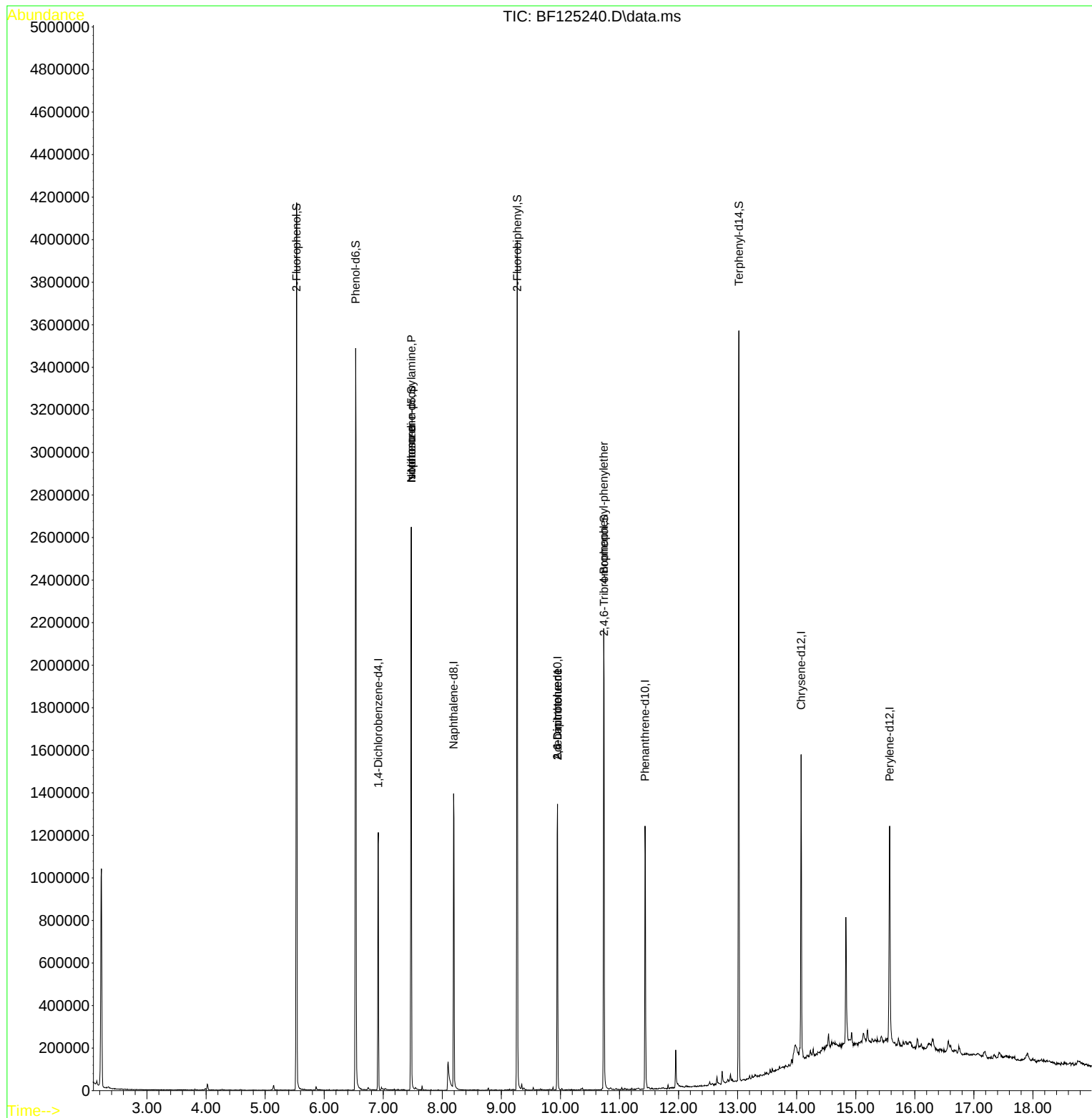
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	171877	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	620692	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	290321	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	472085	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	477999	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	471721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1002175	88.254	ng	0.00
7) Phenol-d6	6.533	99	1207577	82.225	ng	0.00
23) Nitrobenzene-d5	7.475	82	780428	63.300	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	278866	96.226	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1213722	58.267	ng	0.00
79) Terphenyl-d14	13.021	244	1227277	40.903	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	100404	11.366	ng	# 59
25) Isophorone	7.475	82	780421	32.813	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	36595	8.389	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	36595	6.931	ng	# 20
67) 4-Bromophenyl-phenylether	10.733	248	17783	3.137	ng	# 1

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

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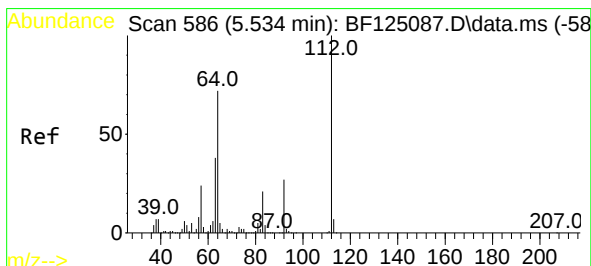
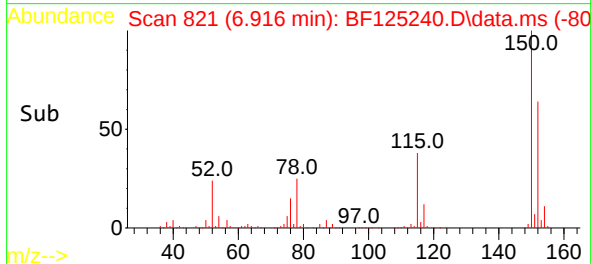
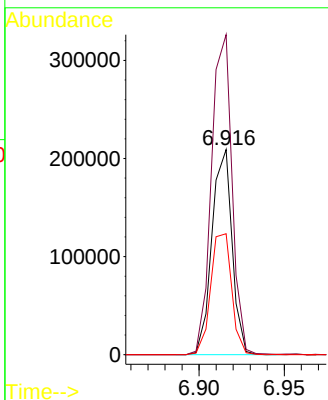
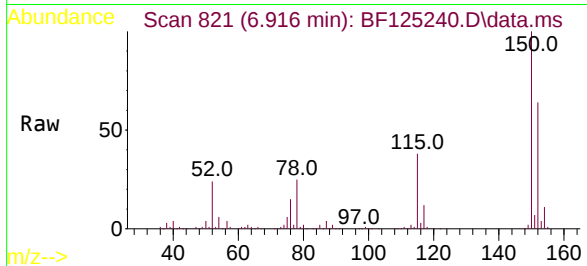




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

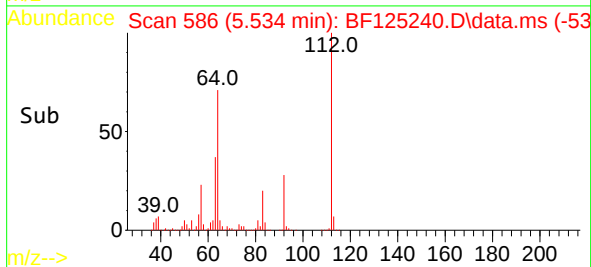
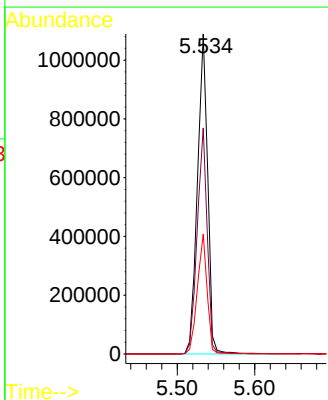
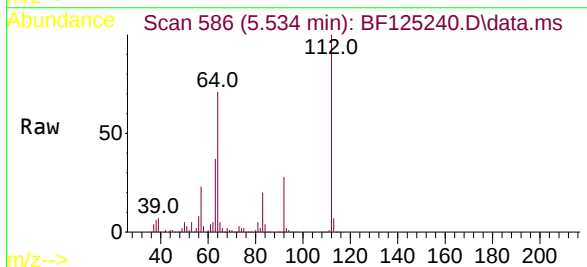
Instrument :
BNA_F
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NCS-COMP-2

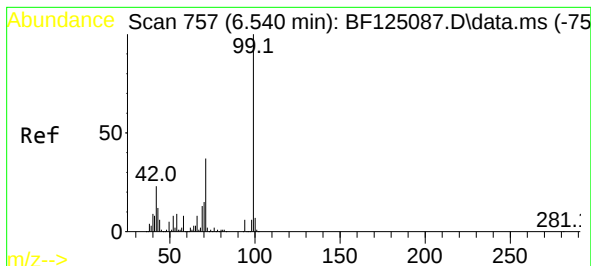
Tgt Ion:152 Resp: 171877
Ion Ratio Lower Upper
152 100
150 156.0 117.6 176.4
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 88.254 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

Tgt Ion:112 Resp: 1002175
Ion Ratio Lower Upper
112 100
64 70.7 44.2 66.2#
63 37.4 26.2 39.2





#7

Phenol-d6

Concen: 82.225 ng

RT: 6.533 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF125240.D

Acq: 26 Aug 2021 23:30

Tgt Ion: 99 Resp: 1207577

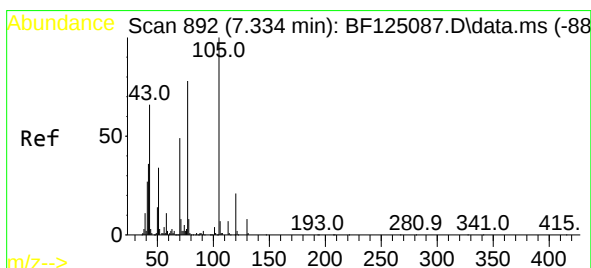
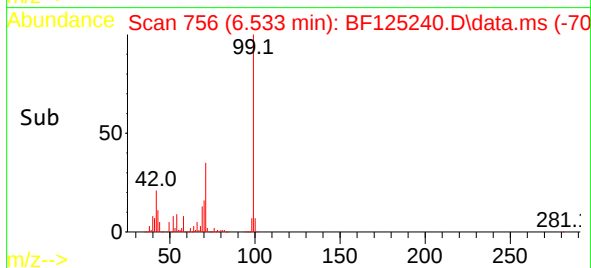
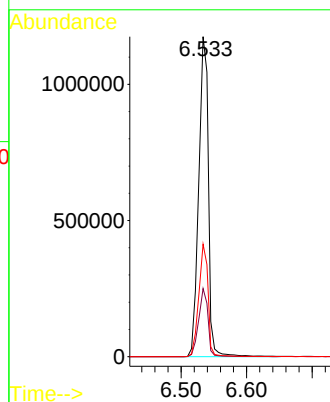
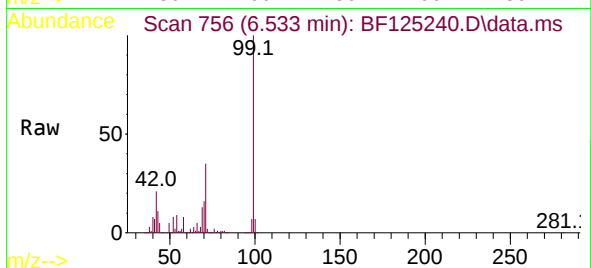
Ion	Ratio	Lower	Upper
99	100		
42	21.3	23.5	35.3#
71	35.1	25.6	38.4

Instrument :

BNA_F

ClientSampleId :

NCS-COMP-2



#19

n-Nitroso-di-n-propylamine

Concen: 11.366 ng

RT: 7.475 min Scan# 916

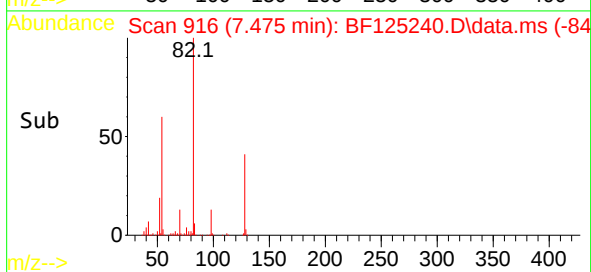
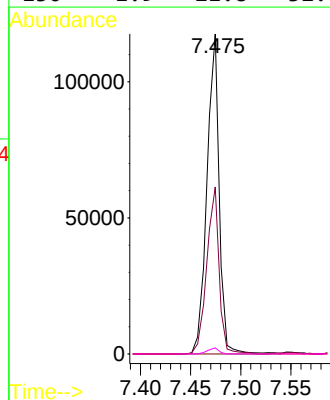
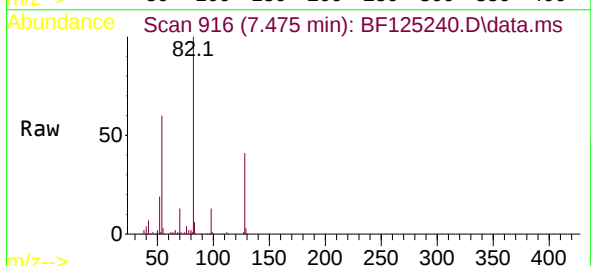
Delta R.T. 0.147 min

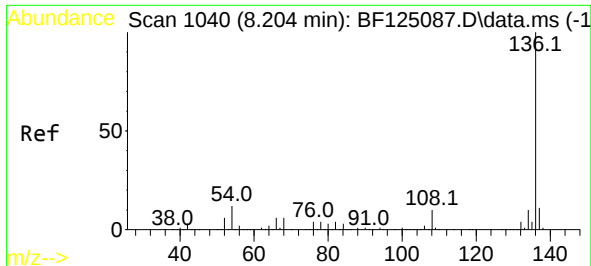
Lab File: BF125240.D

Acq: 26 Aug 2021 23:30

Tgt Ion: 70 Resp: 100404

Ion	Ratio	Lower	Upper
70	100		
42	52.2	72.2	108.2#
101	0.0	7.8	11.8#
130	1.9	21.8	32.6#

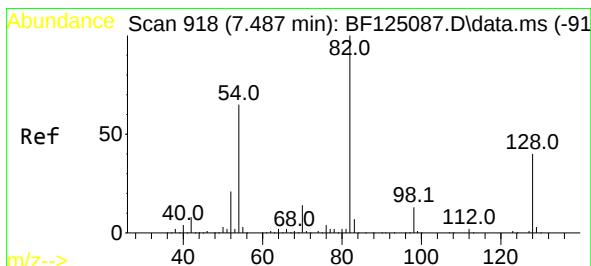
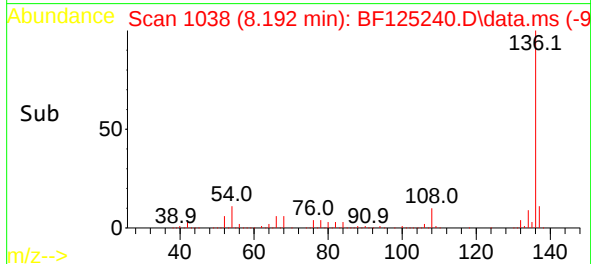
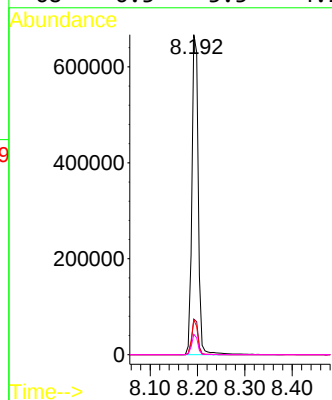
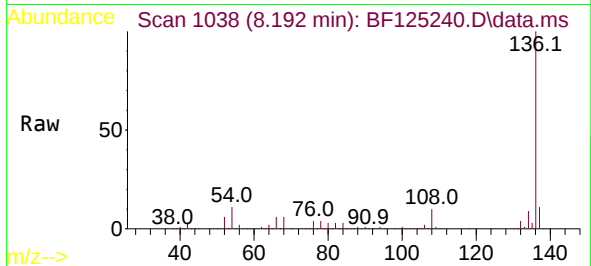




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

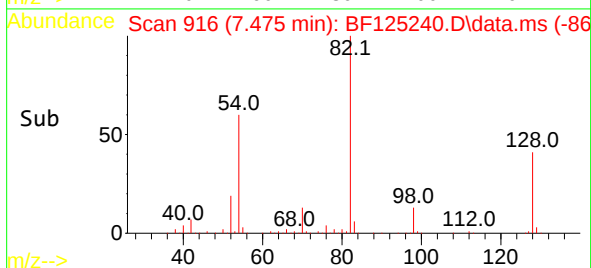
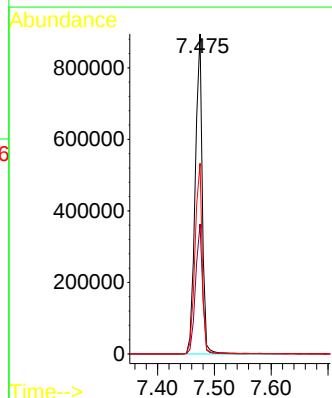
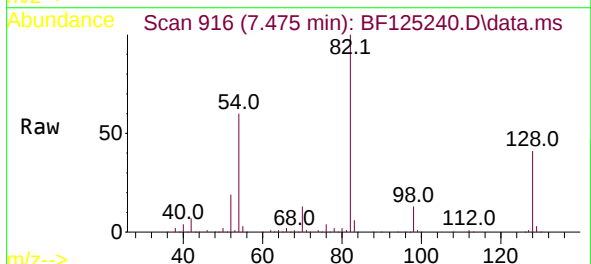
Instrument :
BNA_F
ClientSampleId :
NCS-COMP-2

Tgt Ion:136 Resp: 620692
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.9 6.4 9.6#
68 6.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 63.300 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

Tgt Ion: 82 Resp: 780428
Ion Ratio Lower Upper
82 100
128 40.6 40.6 60.8
54 59.6 49.6 74.4

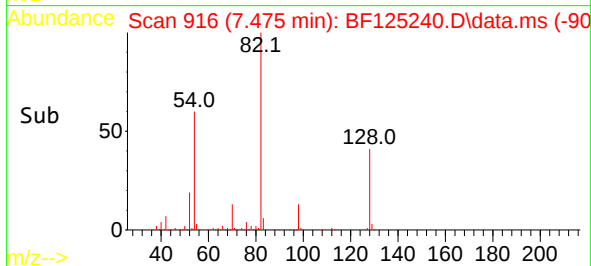
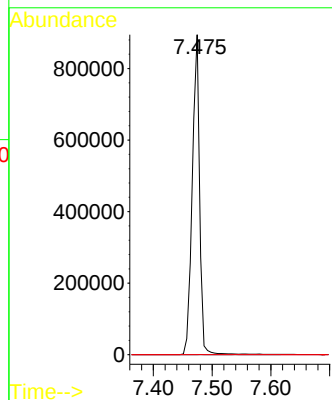
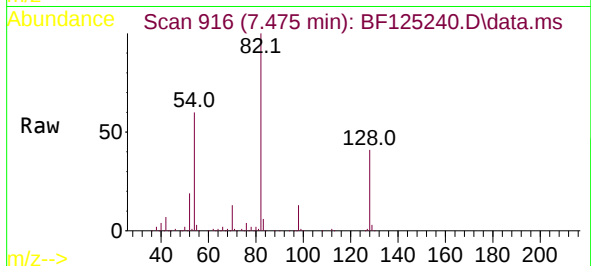




#25
Isophorone
Concen: 32.813 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

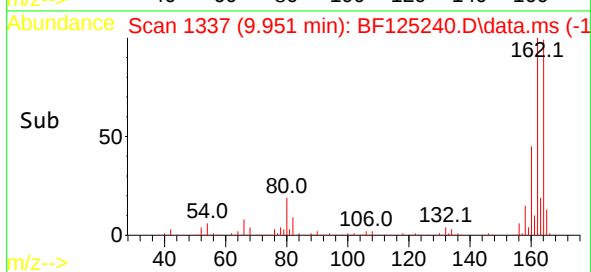
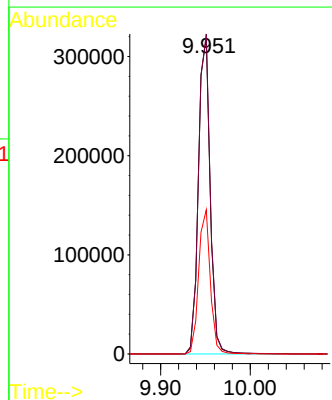
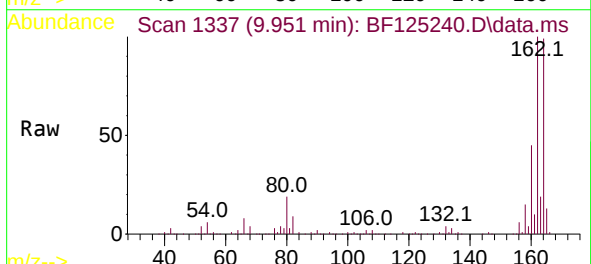
Instrument :
BNA_F
ClientSampleId :
NCS-COMP-2

Tgt Ion: 82 Resp: 780421
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: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

Tgt Ion: 164 Resp: 290321
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 45.6 38.0 57.0

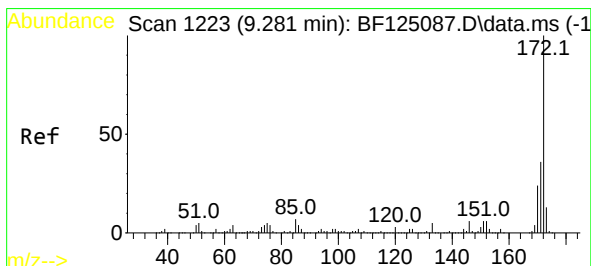
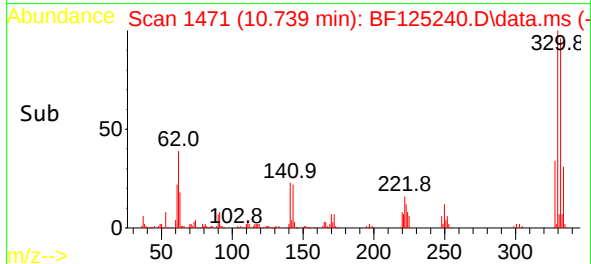
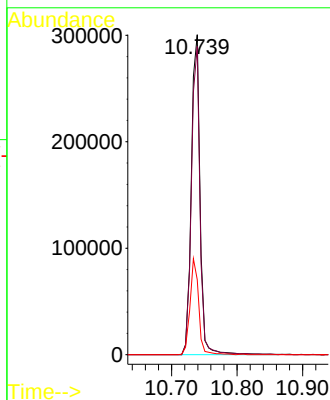
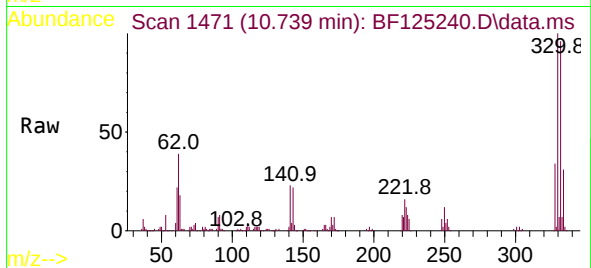




#42
2,4,6-Tribromophenol
Concen: 96.226 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

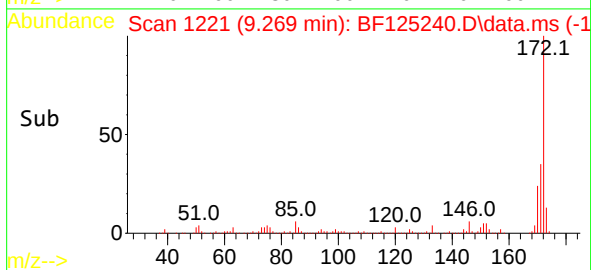
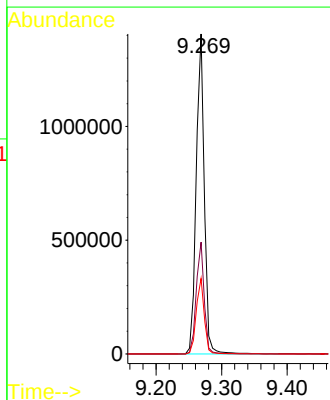
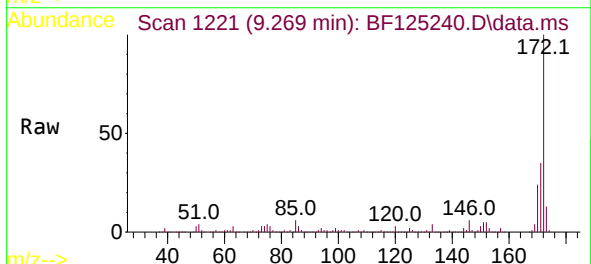
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ClientSampleId :
NCS-COMP-2

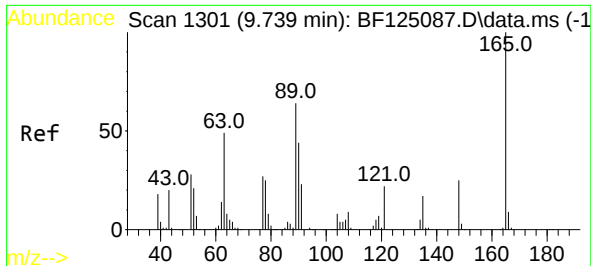
Tgt Ion:330 Resp: 278866
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 29.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 58.267 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

Tgt Ion:172 Resp: 1213722
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.6 18.8 28.2

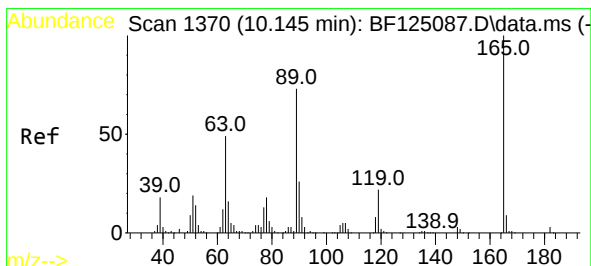
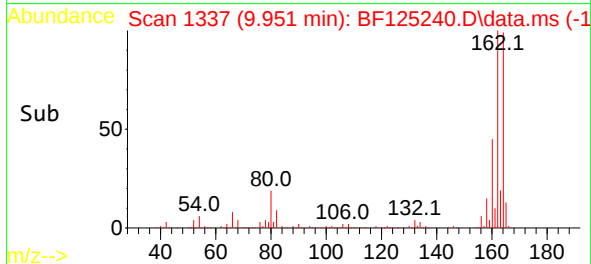
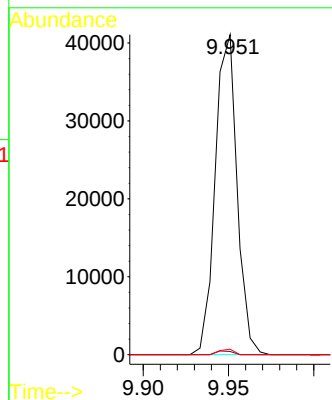
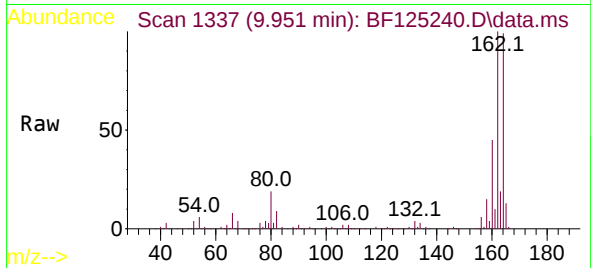




#51
2,6-Dinitrotoluene
Concen: 8.389 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

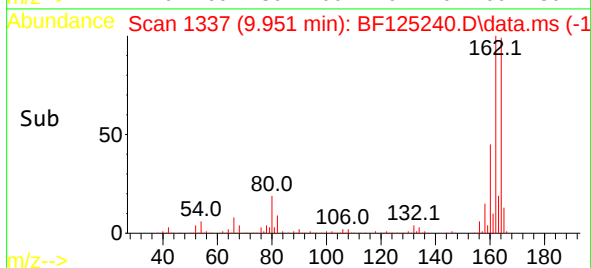
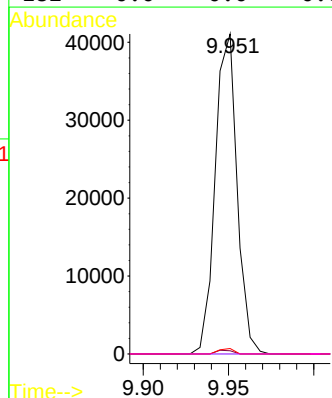
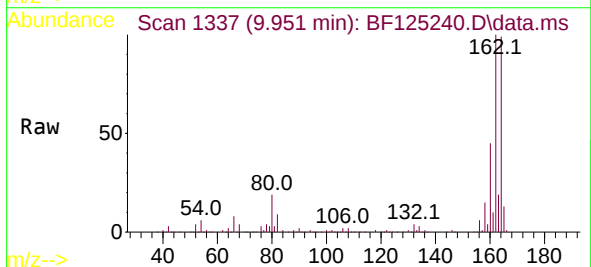
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BNA_F
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NCS-COMP-2

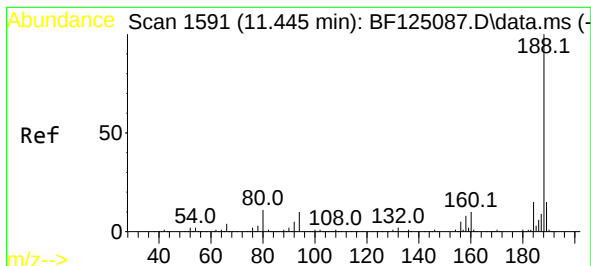
Tgt Ion:165 Resp: 36595
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.931 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

Tgt Ion:165 Resp: 36595
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0

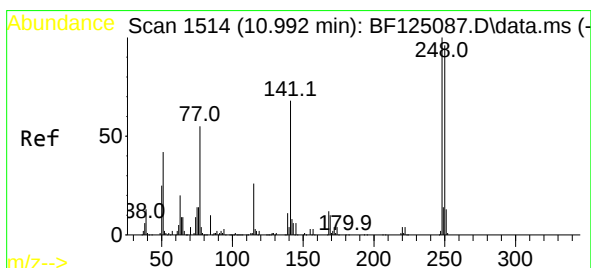
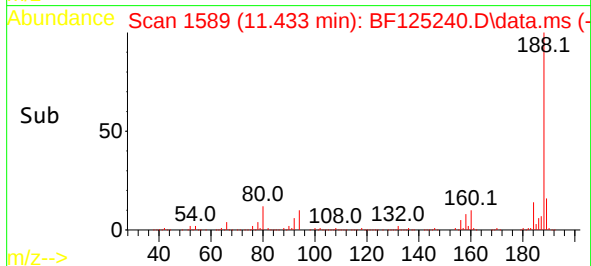
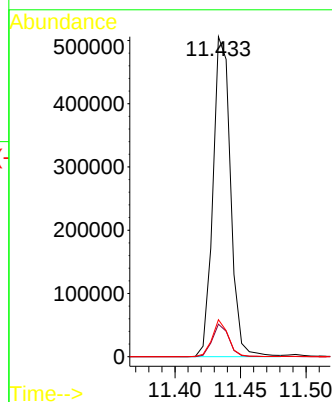
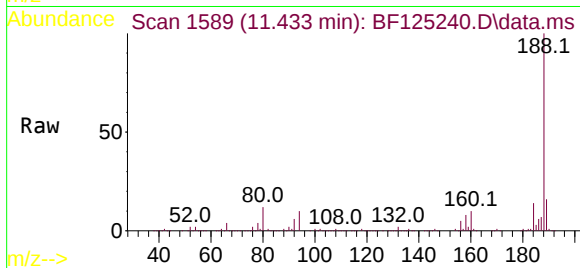




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

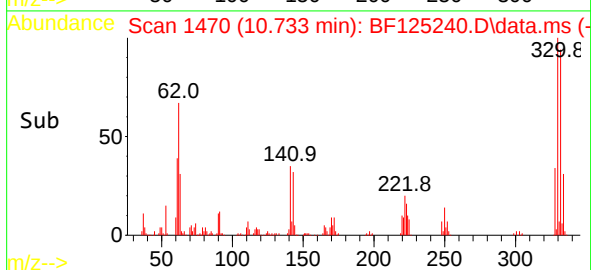
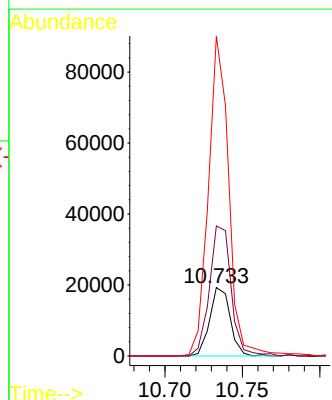
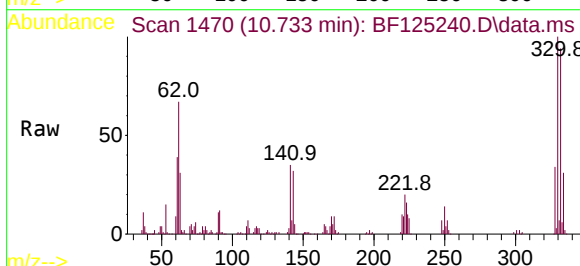
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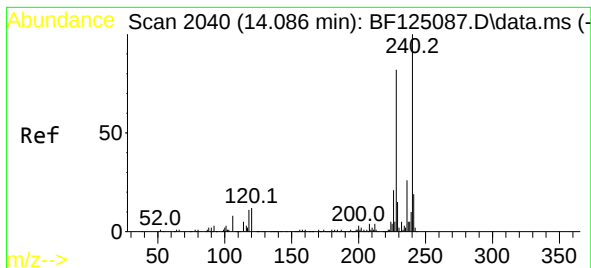
Tgt Ion:188 Resp: 472085
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 11.6 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.137 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

Tgt Ion:248 Resp: 17783
Ion Ratio Lower Upper
248 100
250 189.8 74.2 111.4#
141 467.1 60.4 90.6#

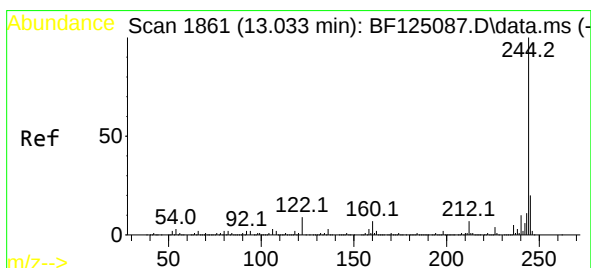
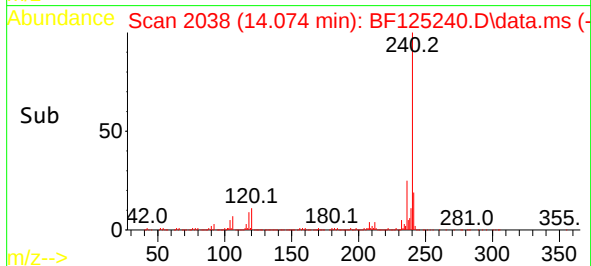
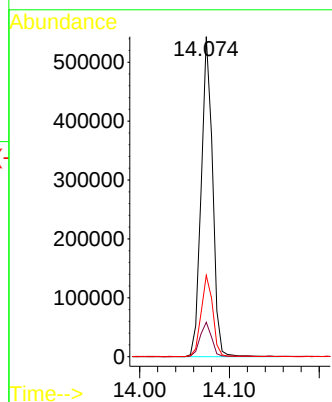
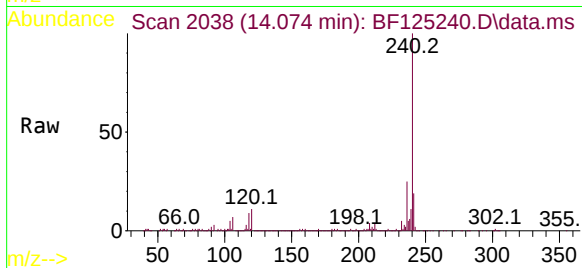




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

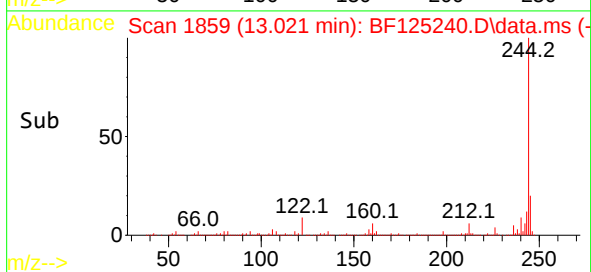
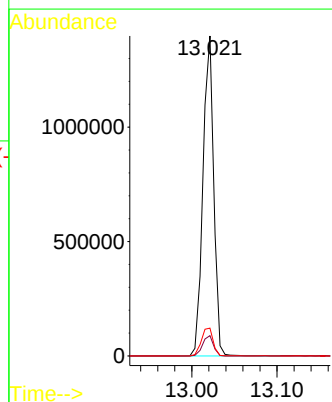
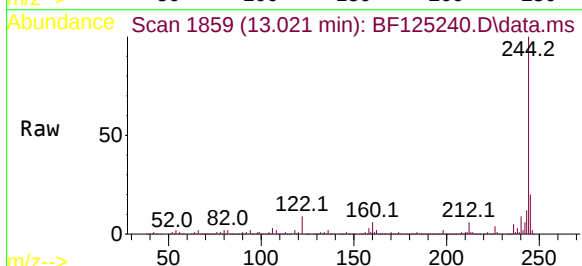
Instrument :
BNA_F
ClientSampleId :
NCS-COMP-2

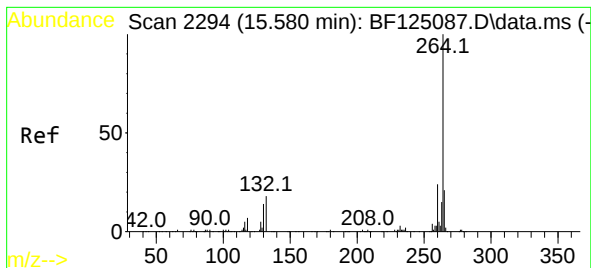
Tgt Ion:240 Resp: 477999
Ion Ratio Lower Upper
240 100
120 10.8 10.8 16.2#
236 25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 40.903 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125240.D
Acq: 26 Aug 2021 23:30

Tgt Ion:244 Resp: 1227277
Ion Ratio Lower Upper
244 100
212 6.3 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: BF125240.D
 Acq: 26 Aug 2021 23:30

Instrument :
 BNA_F
 ClientSampleId :
 NCS-COMP-2

Tgt Ion:264 Resp: 471721
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 22.0 17.2 25.8

