

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125323.D
 Acq On : 2 Sep 2021 16:27
 Operator : JU/CG
 Sample : M3637-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 117-P1

Quant Time: Sep 02 16:51:37 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

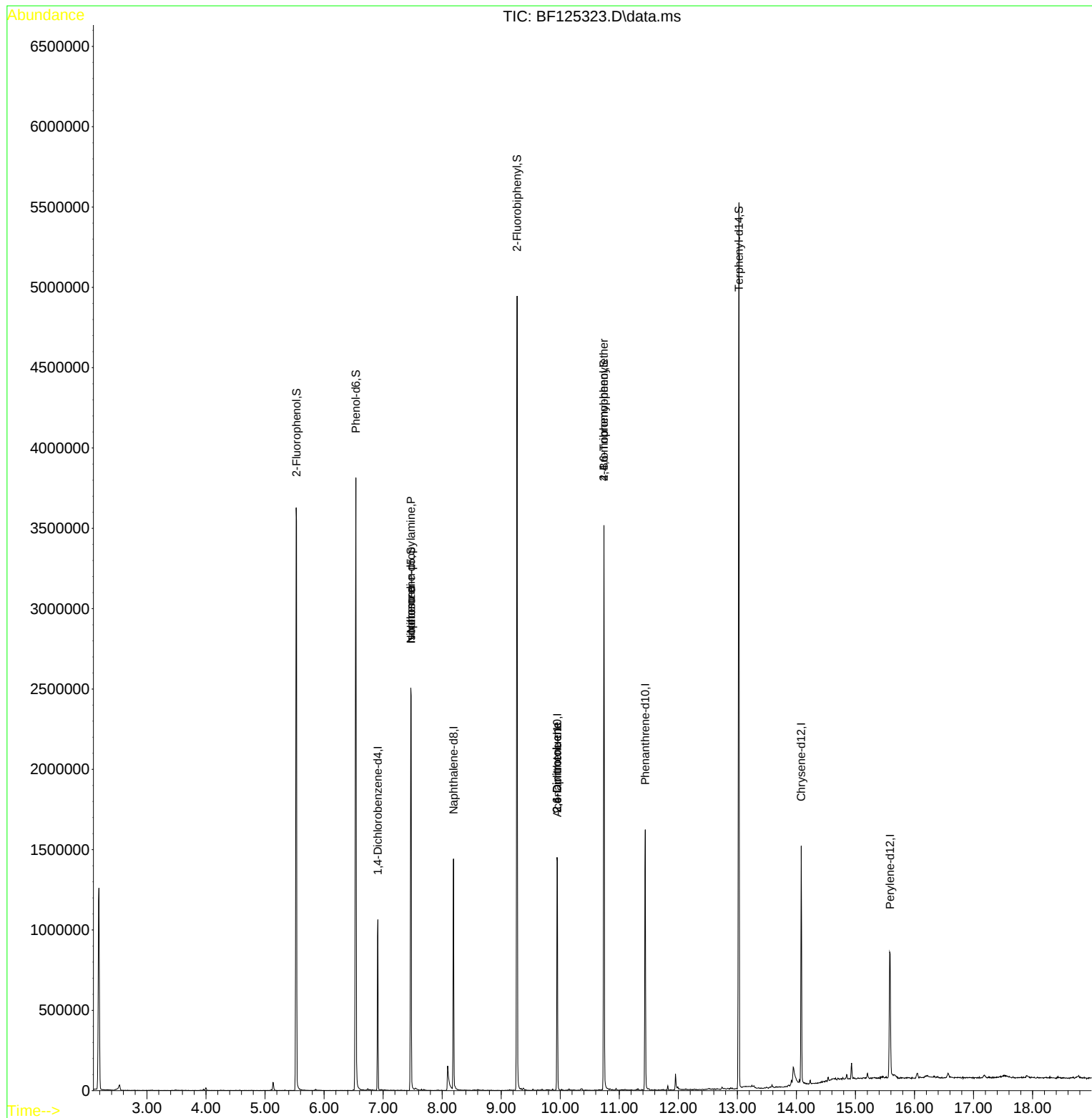
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	149029	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	590514	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	319126	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	624734	20.000	ng	0.00
76) Chrysene-d12	14.080	240	490632	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	385145	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1019233	103.517	ng	0.00
7) Phenol-d6	6.539	99	1324853	104.040	ng	0.00
23) Nitrobenzene-d5	7.469	82	864670	73.717	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	436280	136.955	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1539470	67.234	ng	0.00
79) Terphenyl-d14	13.027	244	2006022	65.136	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	117830	15.384	ng	# 56
25) Isophorone	7.469	82	864656	38.212	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	41427	8.639	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	41427	7.138	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	26744	3.565	ng	# 1

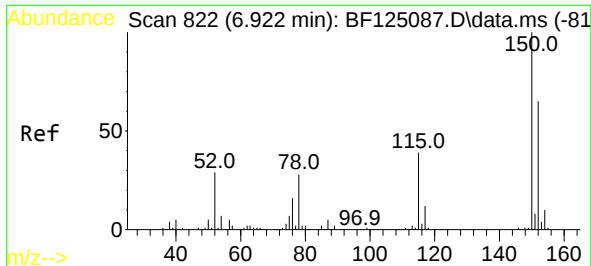
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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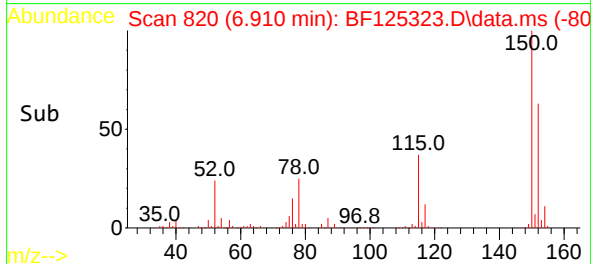
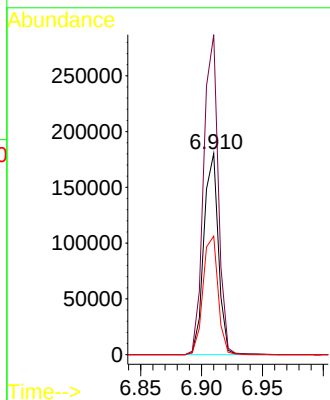
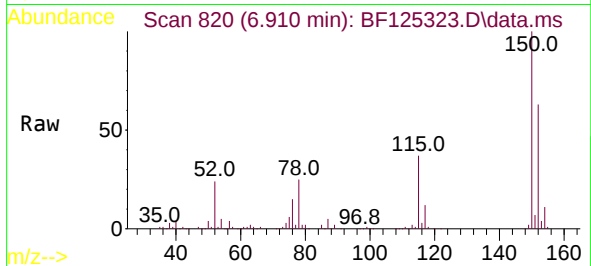




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

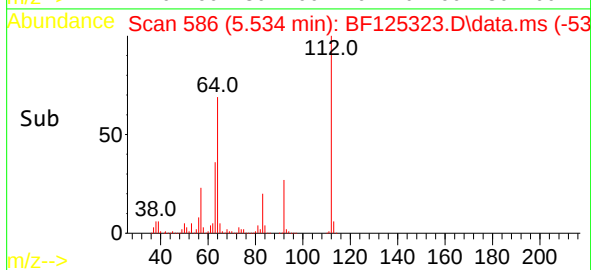
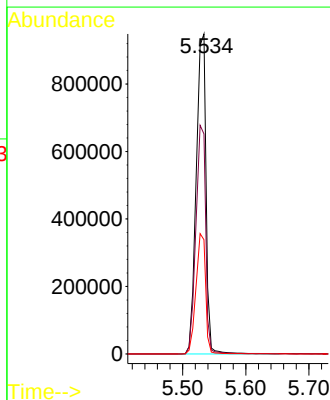
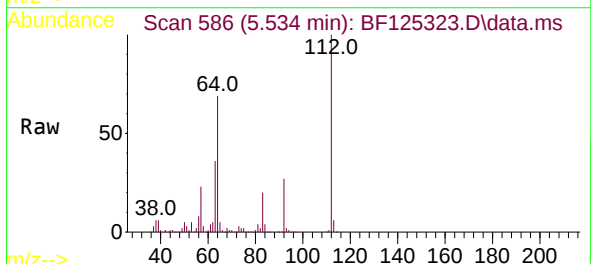
Instrument :
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ClientSampleId :
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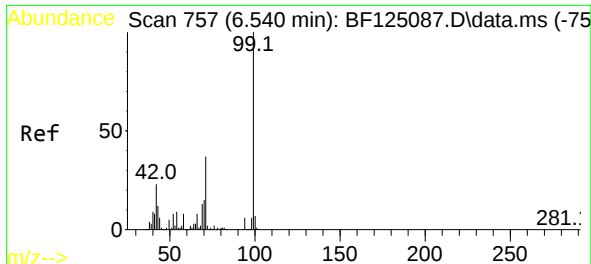
Tgt Ion:152 Resp: 149029
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 103.517 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

Tgt Ion:112 Resp: 1019233
Ion Ratio Lower Upper
112 100
64 68.8 44.2 66.2#
63 35.7 26.2 39.2



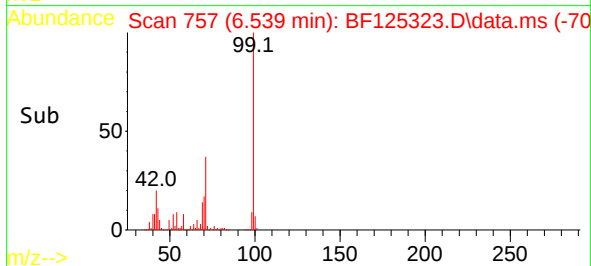
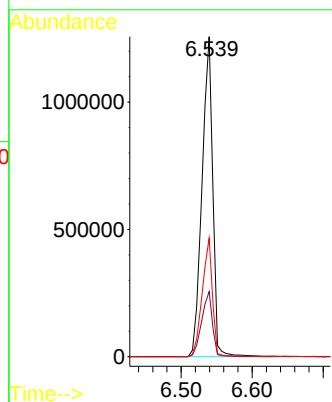
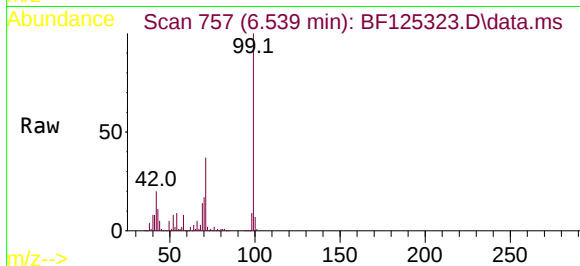


#7
Phenol-d6
Concen: 104.040 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

Instrument :
BNA_F
ClientSampleId :
117-P1

Tgt Ion: 99 Resp: 1324853

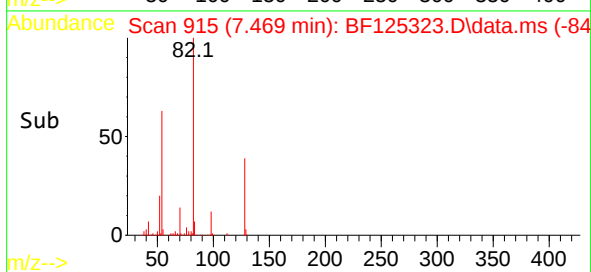
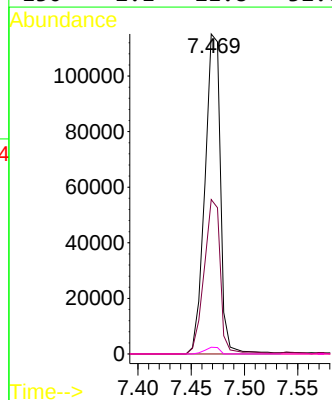
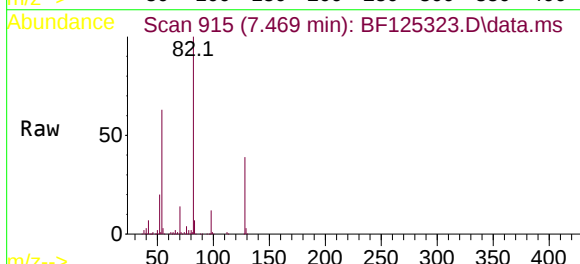
Ion	Ratio	Lower	Upper
99	100		
42	20.4	23.5	35.3#
71	37.0	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.384 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

Tgt Ion: 70 Resp: 117830

Ion	Ratio	Lower	Upper
70	100		
42	48.3	72.2	108.2#
101	0.0	7.8	11.8#
130	2.1	21.8	32.6#

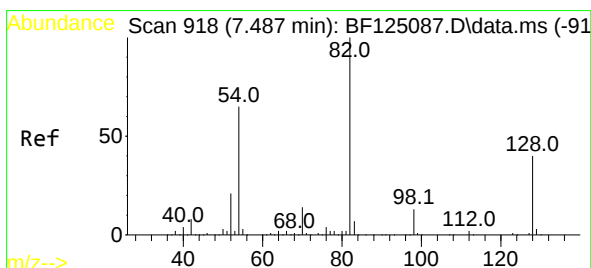
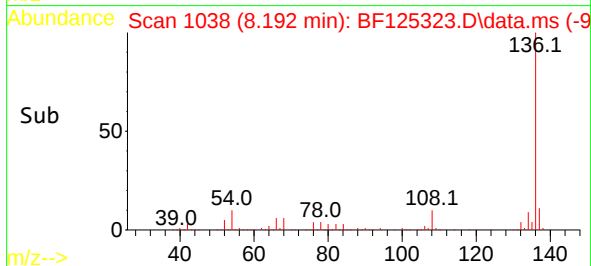
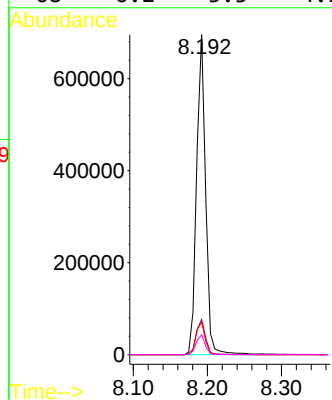
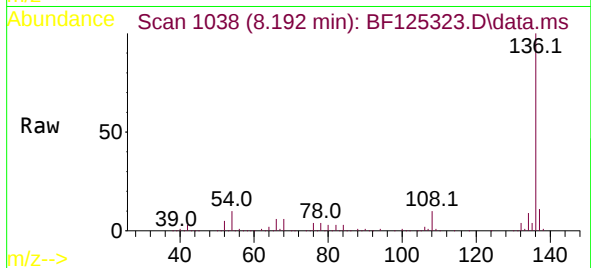




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

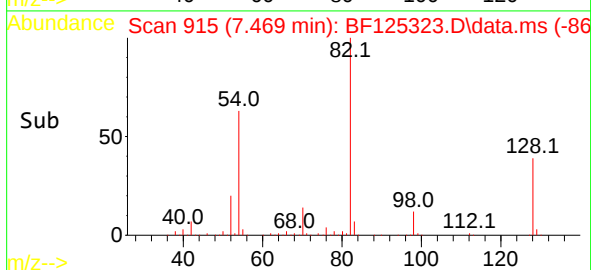
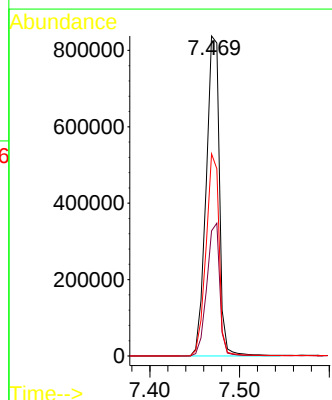
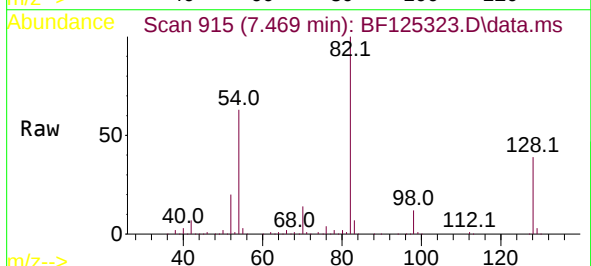
Instrument :
BNA_F
ClientSampled :
117-P1

Tgt Ion:136 Resp: 590514
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 10.1 6.4 9.6#
68 6.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 73.717 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

Tgt Ion: 82 Resp: 864670
Ion Ratio Lower Upper
82 100
128 39.1 40.6 60.8#
54 63.1 49.6 74.4

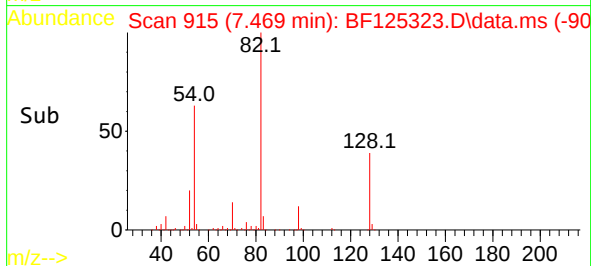
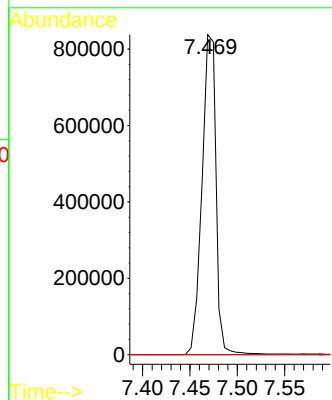
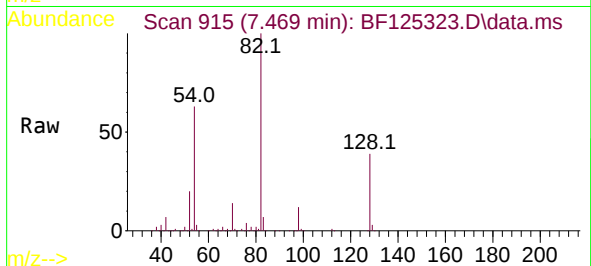




#25
Isophorone
Concen: 38.212 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

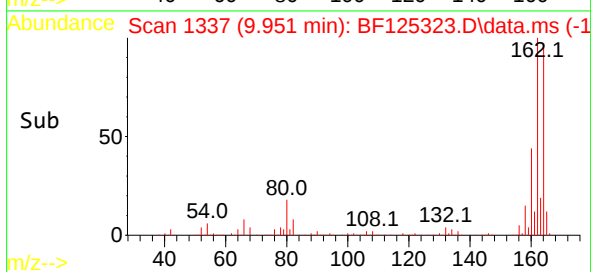
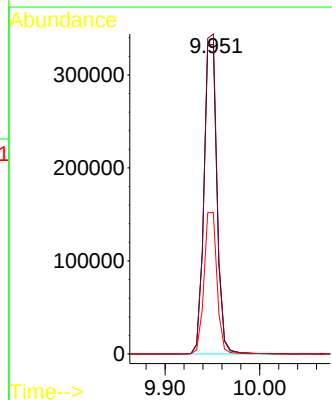
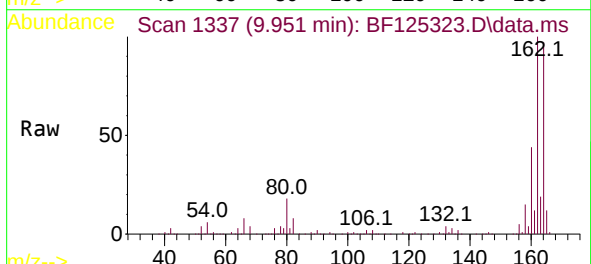
Instrument :
BNA_F
ClientSampleId :
117-P1

Tgt Ion: 82 Resp: 864656
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: BF125323.D
Acq: 2 Sep 2021 16:27

Tgt Ion: 164 Resp: 319126
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 45.7 38.0 57.0

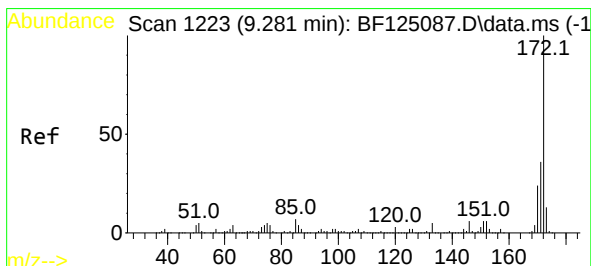
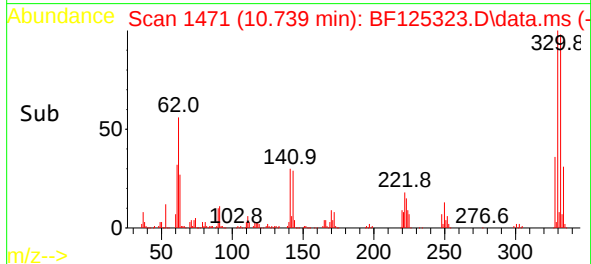
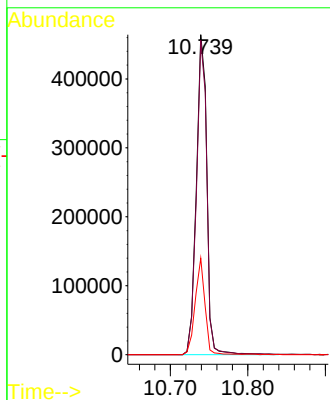
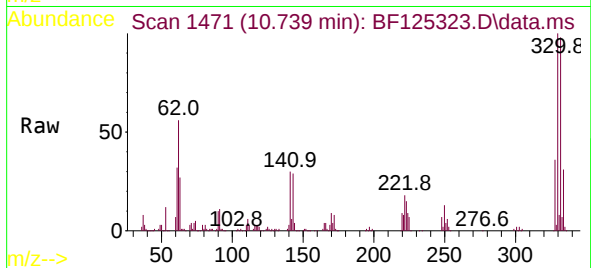




#42
2,4,6-Tribromophenol
Concen: 136.955 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

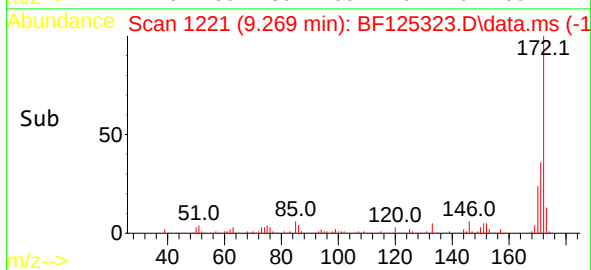
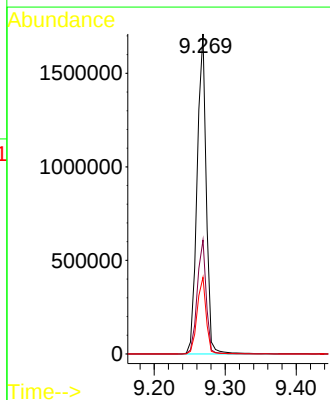
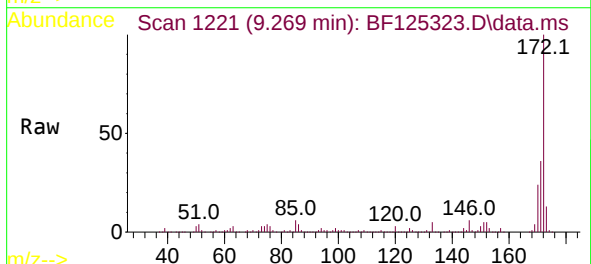
Instrument :
BNA_F
ClientSampled :
117-P1

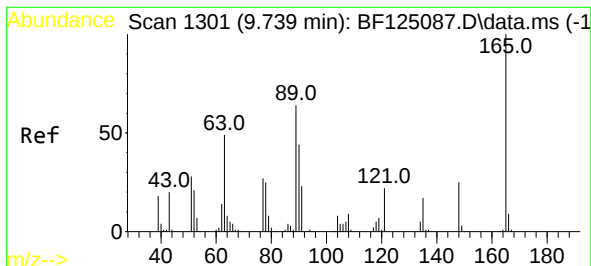
Tgt Ion:330 Resp: 436280
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 28.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 67.234 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

Tgt Ion:172 Resp: 1539470
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 24.0 18.8 28.2

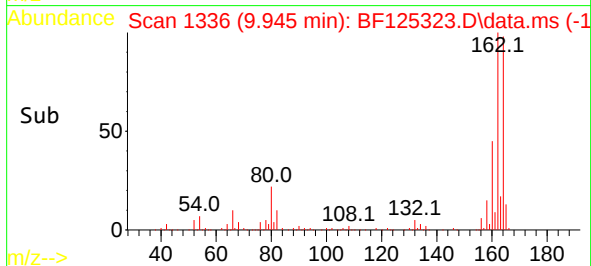
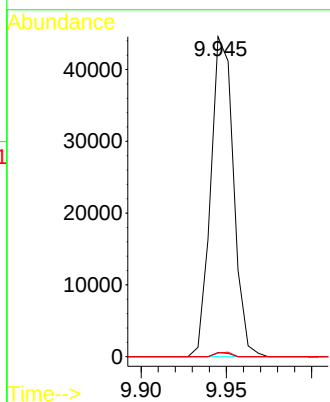
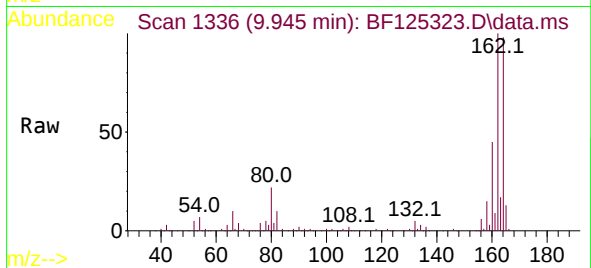




#51
2,6-Dinitrotoluene
Concen: 8.639 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

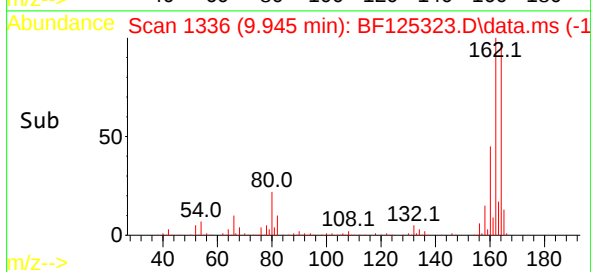
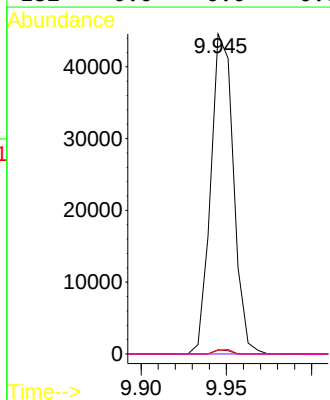
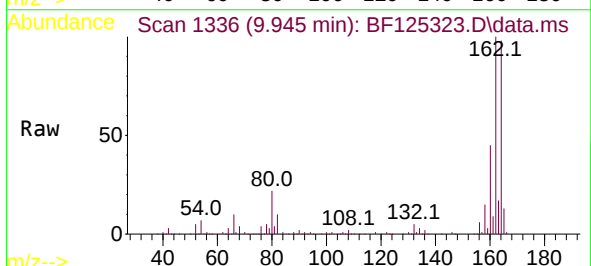
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BNA_F
ClientSampled :
117-P1

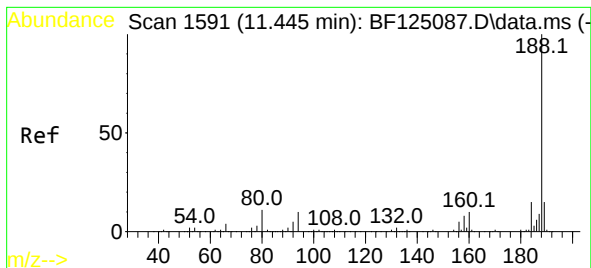
Tgt Ion:165 Resp: 41427
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.138 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

Tgt Ion:165 Resp: 41427
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

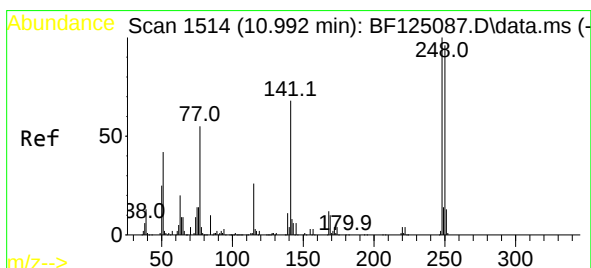
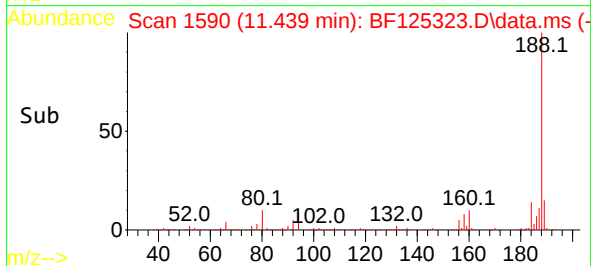
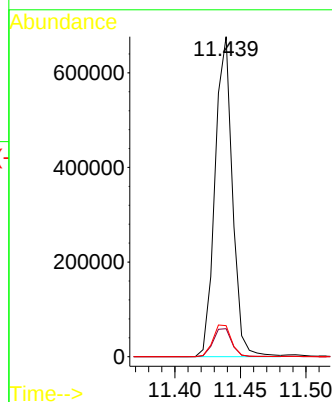
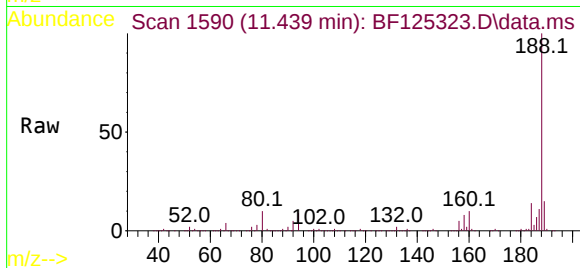




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

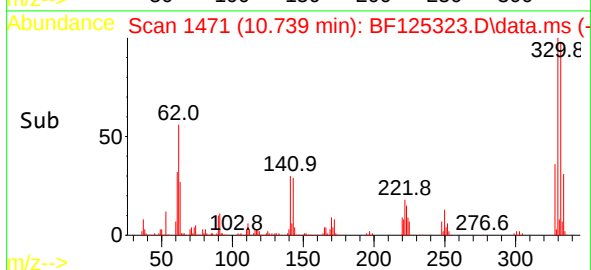
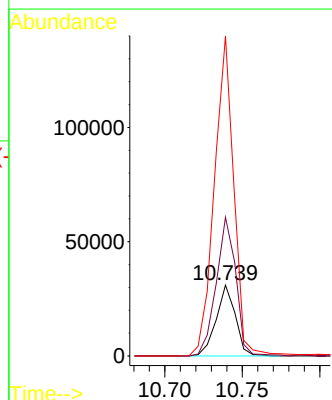
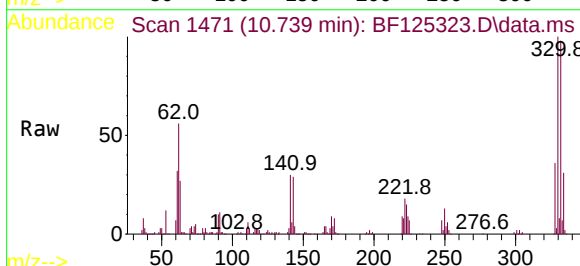
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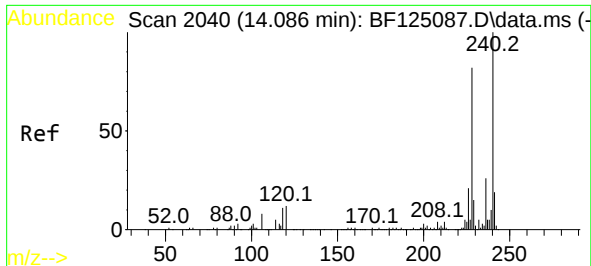
Tgt Ion:188 Resp: 624734
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.565 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

Tgt Ion:248 Resp: 26744
Ion Ratio Lower Upper
248 100
250 195.5 74.2 111.4#
141 451.0 60.4 90.6#

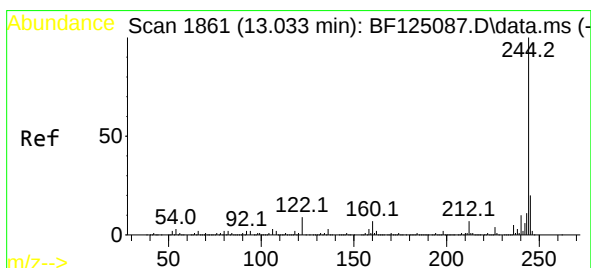
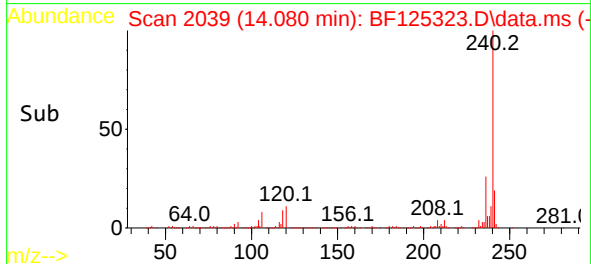
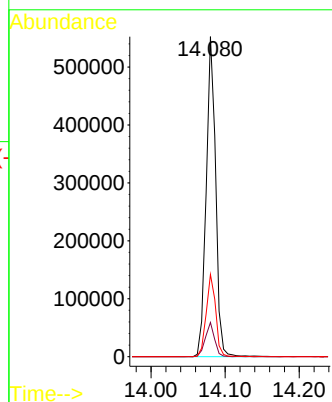
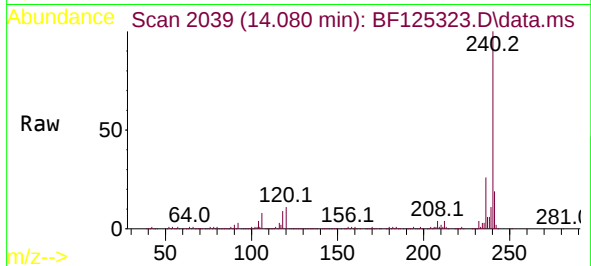




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

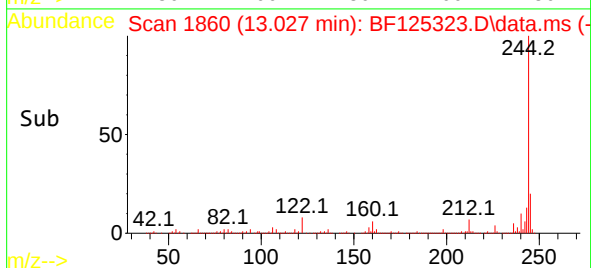
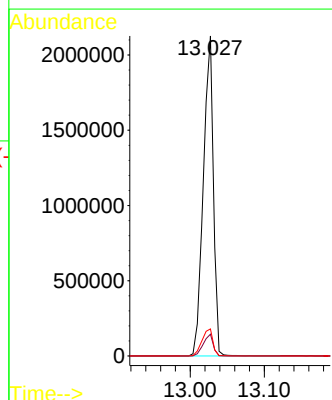
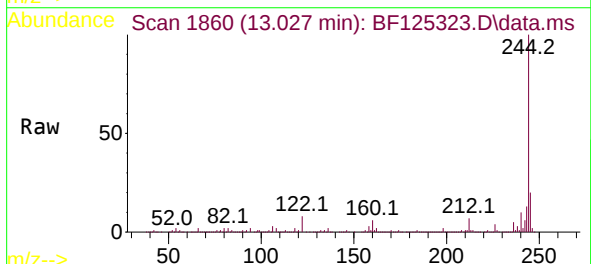
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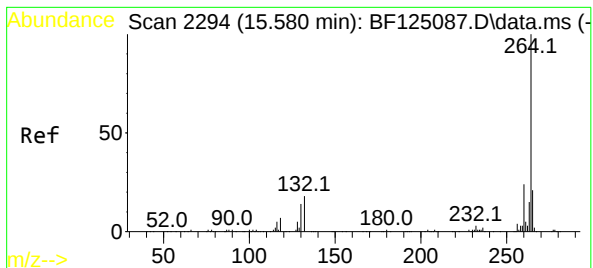
Tgt Ion:240 Resp: 490632
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 65.136 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125323.D
Acq: 2 Sep 2021 16:27

Tgt Ion:244 Resp: 2006022
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.5 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.012 min
 Lab File: BF125323.D
 Acq: 2 Sep 2021 16:27

Instrument :
 BNA_F
 ClientSampleId :
 117-P1

Tgt Ion:264 Resp: 385145
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 19.9 17.2 25.8

