

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
 Data File : BF125394.D
 Acq On : 7 Sep 2021 18:39
 Operator : JU/CG
 Sample : M3655-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-B

Quant Time: Sep 08 09:32:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

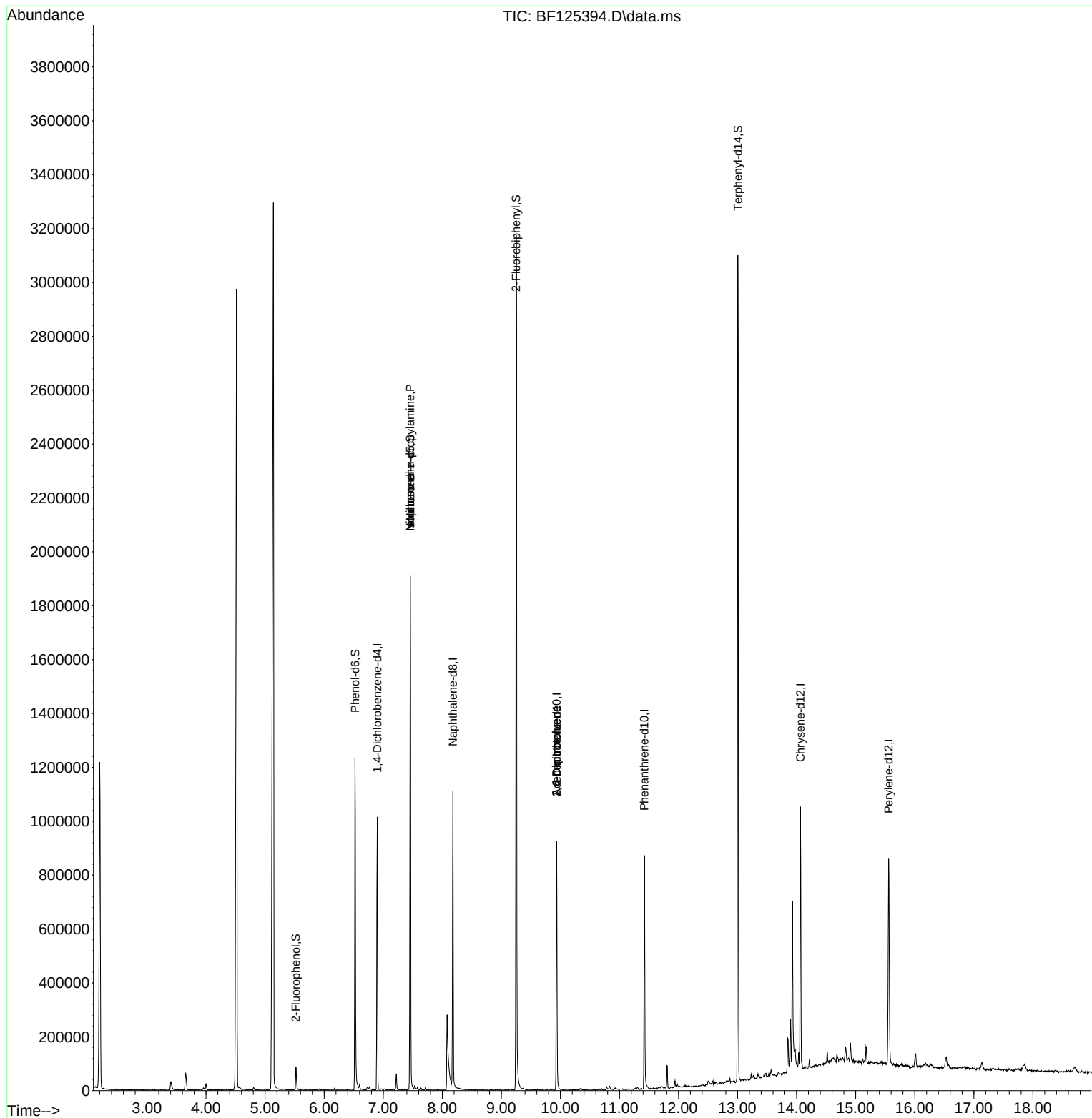
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	133198	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	460972	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	213480	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	338952	20.000	ng	0.00
76) Chrysene-d12	14.063	240	334700	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	358142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	25722	2.923	ng	0.00
7) Phenol-d6	6.522	99	406575	35.723	ng	-0.01
23) Nitrobenzene-d5	7.457	82	618105	67.505	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.251	172	1055699	68.923	ng	0.00
79) Terphenyl-d14	13.004	244	1090910	51.925	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	82230	12.012	ng	# 56
25) Isophorone	7.457	82	618095	34.992	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	26344	8.212	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	26344	6.785	ng	# 19

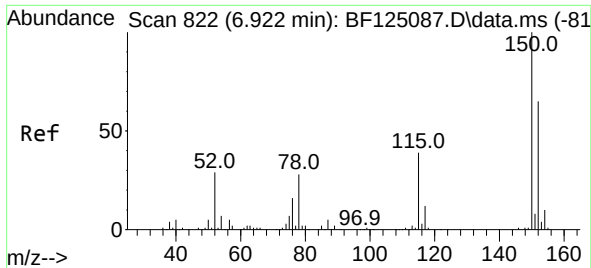
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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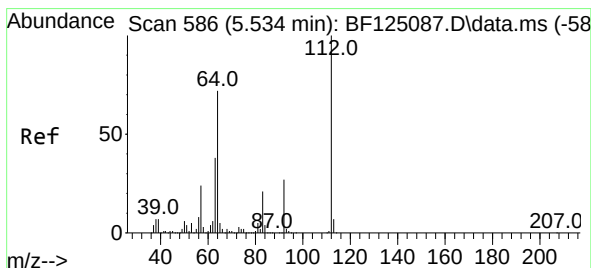
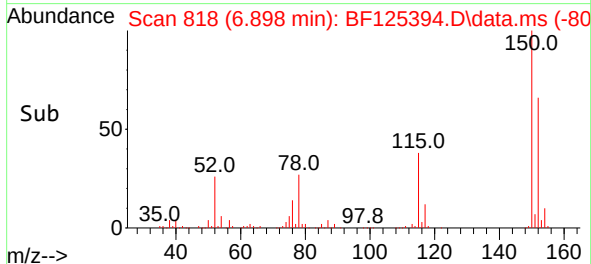
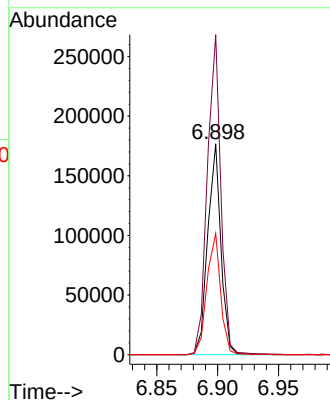
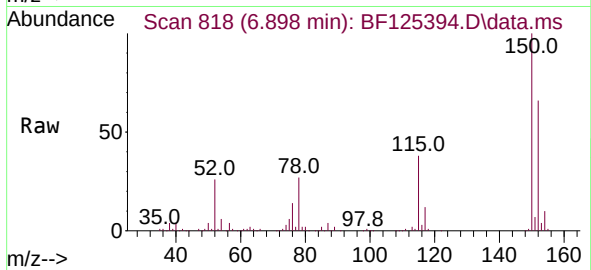




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

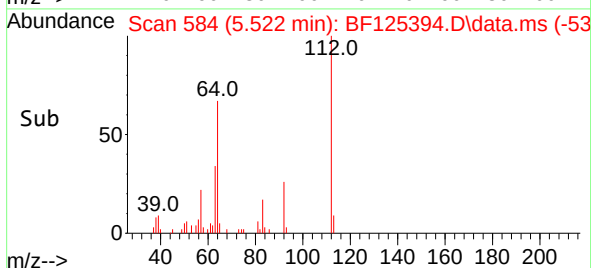
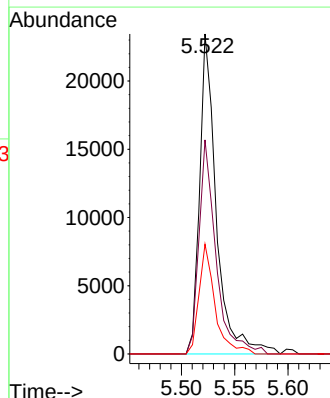
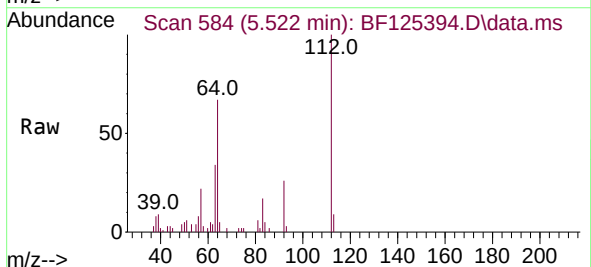
Instrument :
BNA_F
ClientSampled :
CON-B

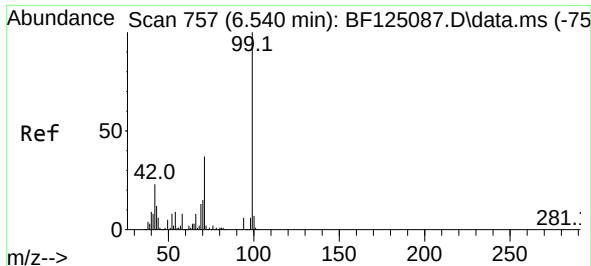
Tgt Ion:152 Resp: 133198
Ion Ratio Lower Upper
152 100
150 151.7 117.6 176.4
115 57.5 47.1 70.7



#5
2-Fluorophenol
Concen: 2.923 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.000 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

Tgt Ion:112 Resp: 25722
Ion Ratio Lower Upper
112 100
64 66.9 44.2 66.2#
63 34.3 26.2 39.2

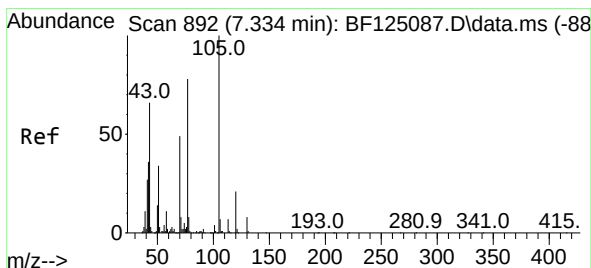
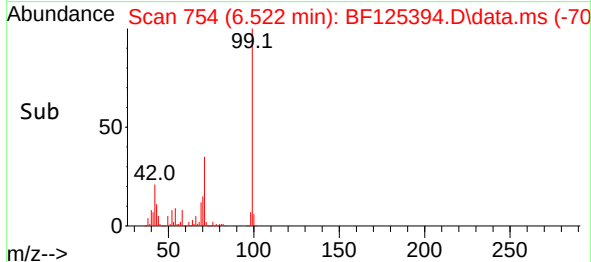
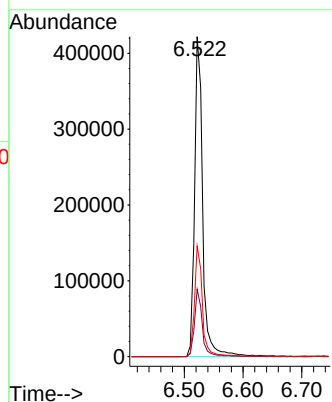
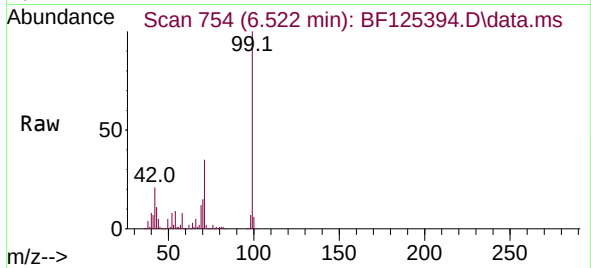




#7
Phenol-d6
Concen: 35.723 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

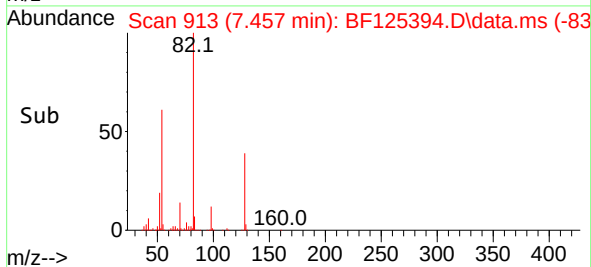
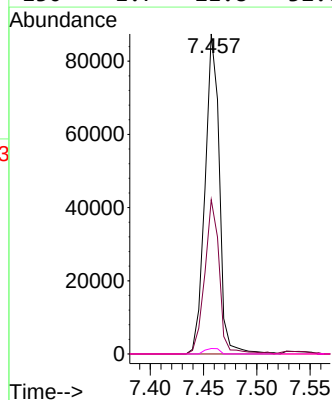
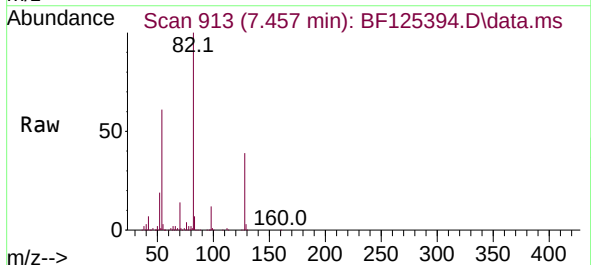
Instrument :
BNA_F
ClientSampled :
CON-B

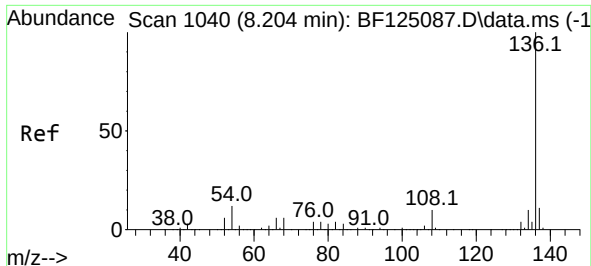
Tgt Ion: 99 Resp: 406575
Ion Ratio Lower Upper
99 100
42 21.1 23.5 35.3#
71 34.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.012 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

Tgt Ion: 70 Resp: 82230
Ion Ratio Lower Upper
70 100
42 48.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

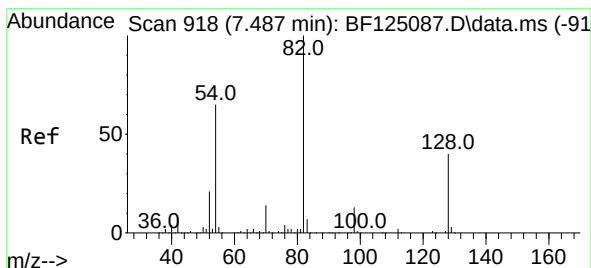
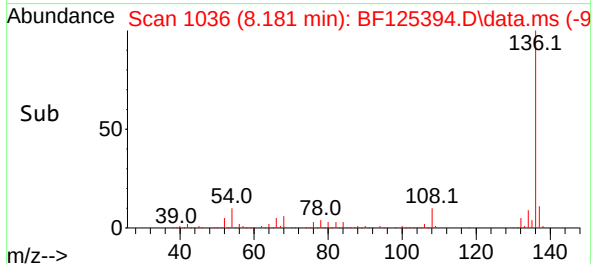
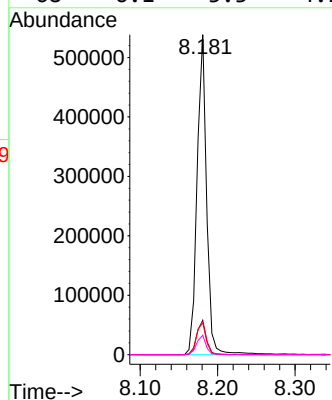
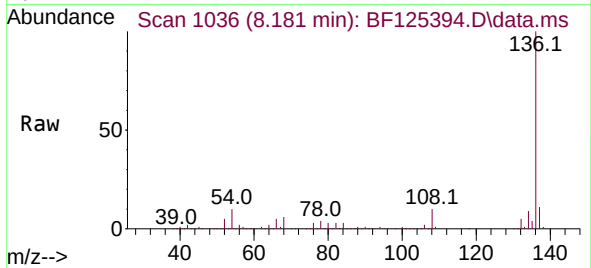




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

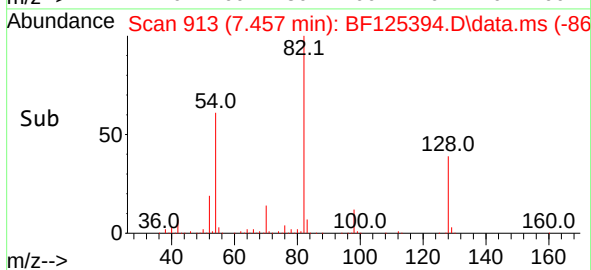
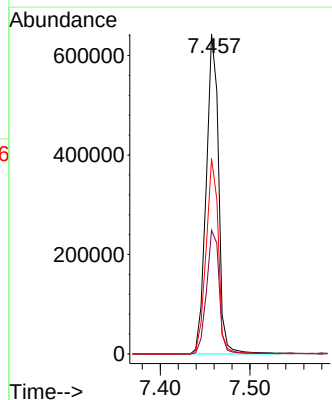
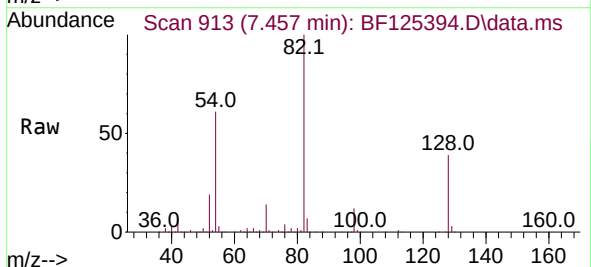
Instrument :
BNA_F
ClientSampled :
CON-B

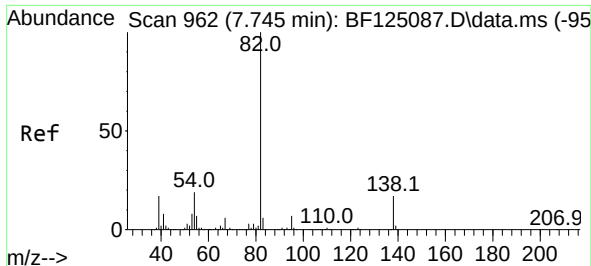
Tgt Ion:136 Resp: 460972
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.0 6.4 9.6#
68 6.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 67.505 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

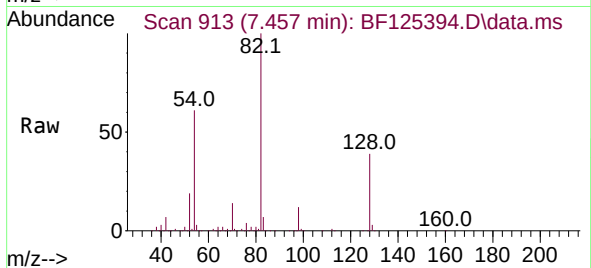
Tgt Ion: 82 Resp: 618105
Ion Ratio Lower Upper
82 100
128 38.7 40.6 60.8#
54 61.1 49.6 74.4



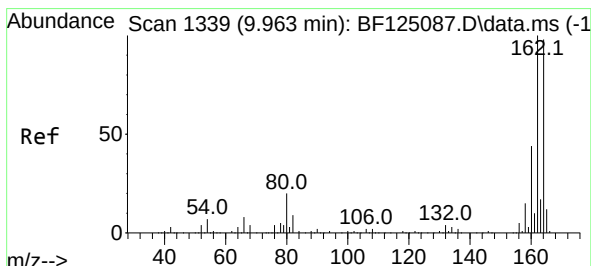
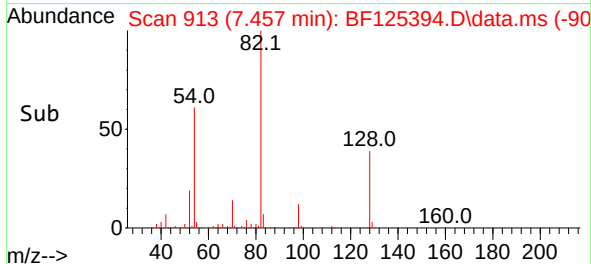
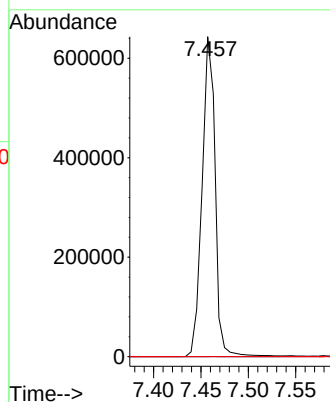


#25
Isophorone
Concen: 34.992 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

Instrument :
BNA_F
ClientSampled :
CON-B

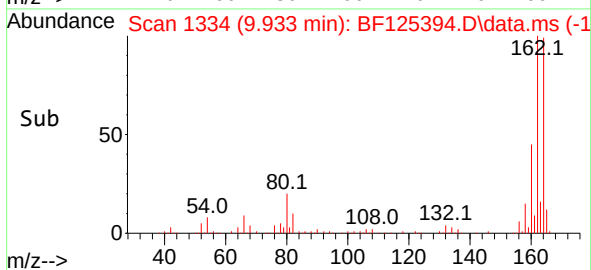
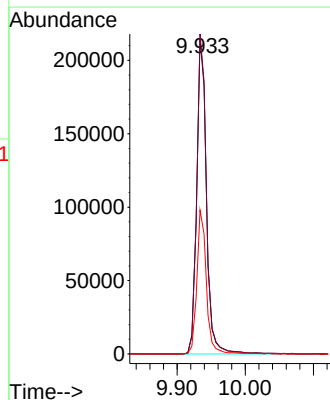
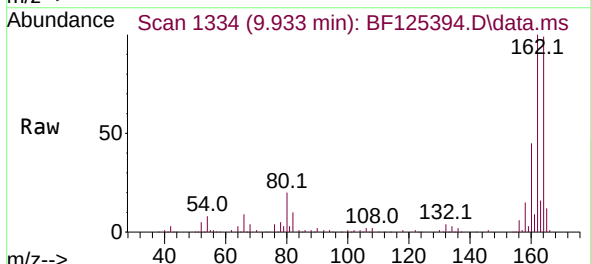


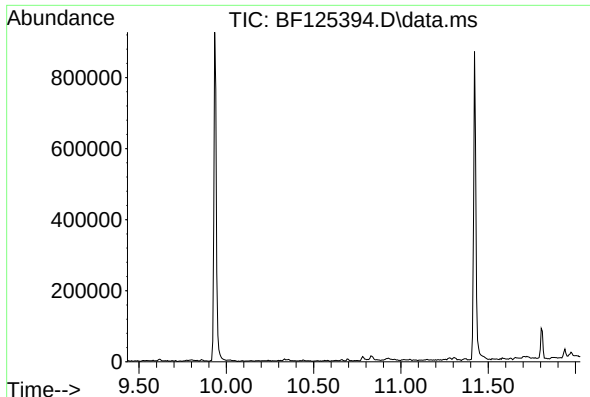
Tgt Ion: 82 Resp: 618095
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

Tgt Ion: 164 Resp: 213480
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 45.6 38.0 57.0

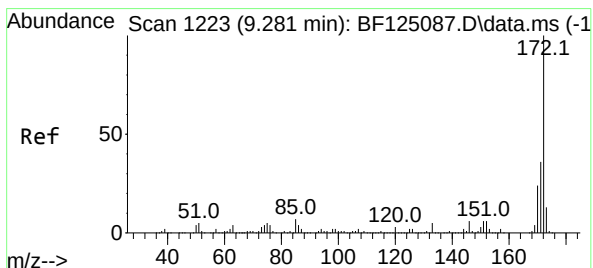
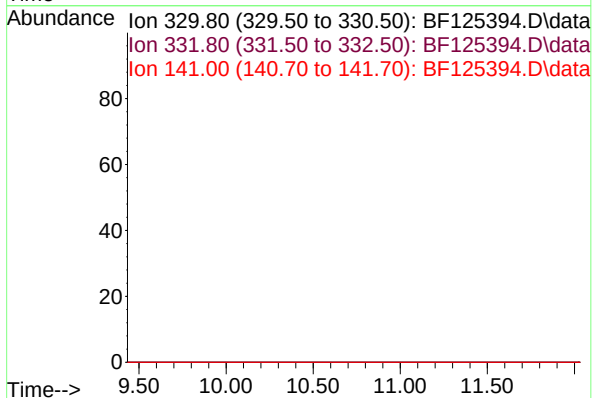




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.73 min
 Lab File: BF125394.D
 Acq: 7 Sep 2021 18:39

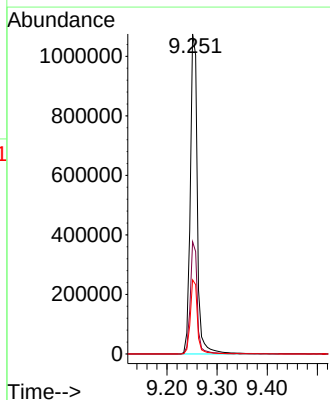
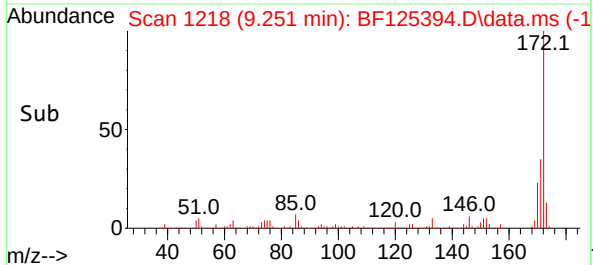
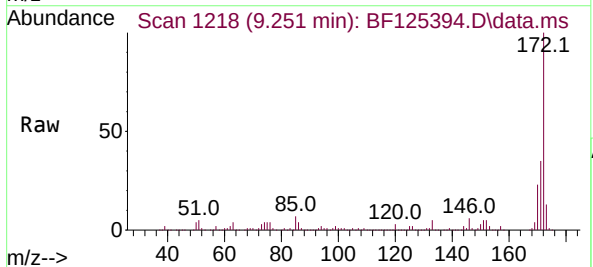
Instrument :
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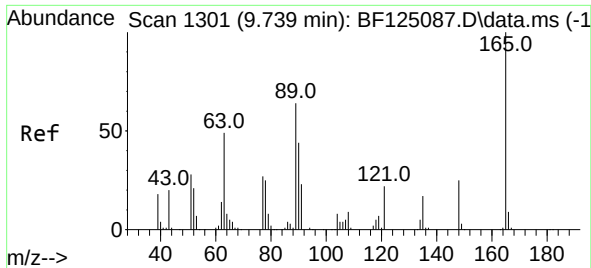
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.3
 141 55.7



#45
 2-Fluorobiphenyl
 Concen: 68.923 ng
 RT: 9.251 min Scan# 1218
 Delta R.T. -0.006 min
 Lab File: BF125394.D
 Acq: 7 Sep 2021 18:39

Tgt Ion: 172 Resp: 1055699
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.5 39.7
 170 23.1 18.8 28.2

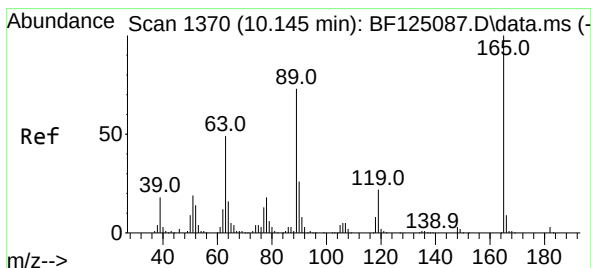
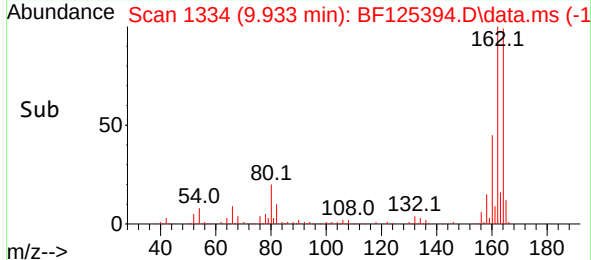
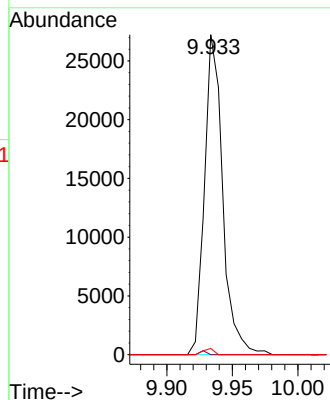
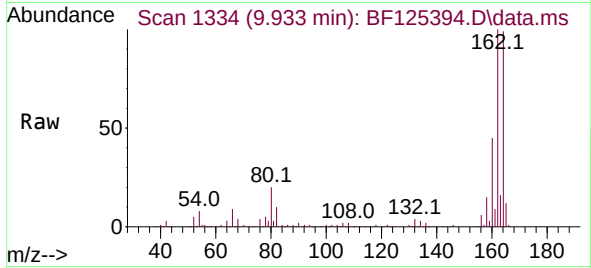




#51
2,6-Dinitrotoluene
Concen: 8.212 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

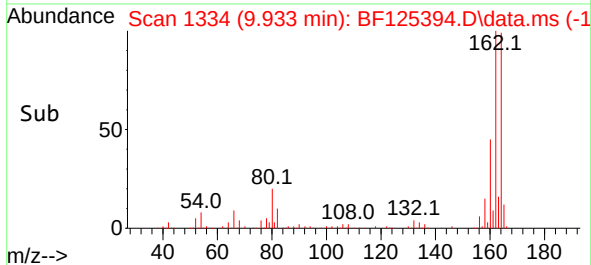
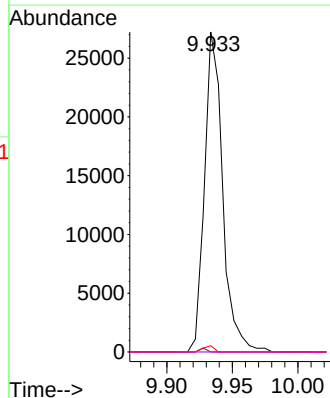
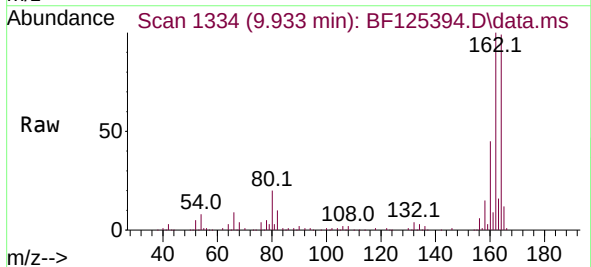
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ClientSampled :
CON-B

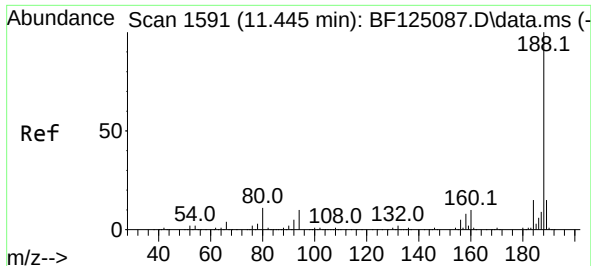
Tgt Ion:165 Resp: 26344
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.785 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

Tgt Ion:165 Resp: 26344
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.9 59.7 89.5#
182 0.0 0.0 0.0

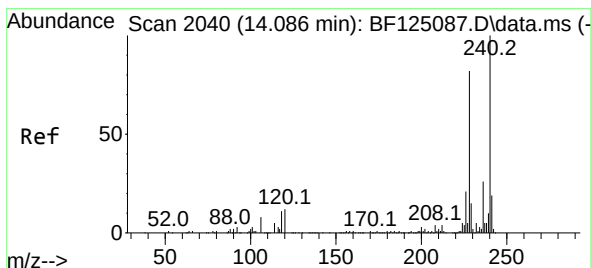
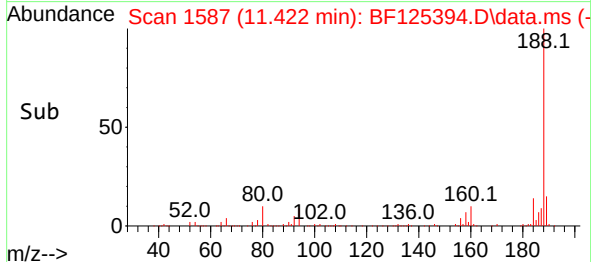
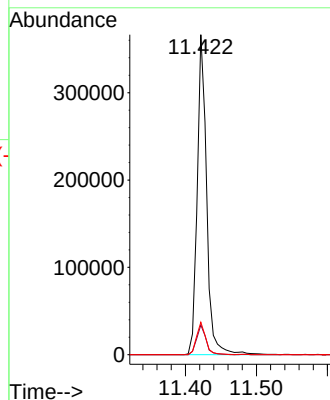
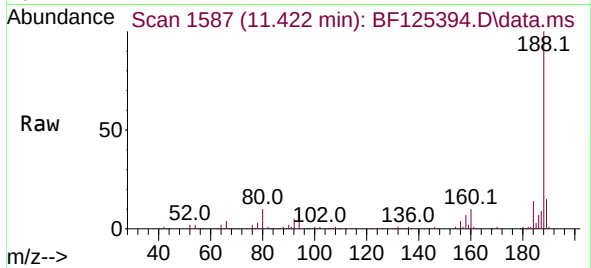




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

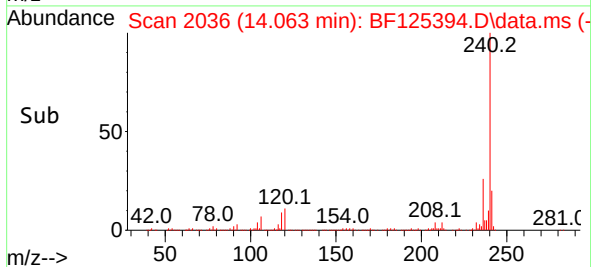
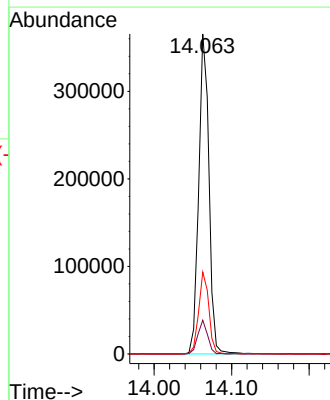
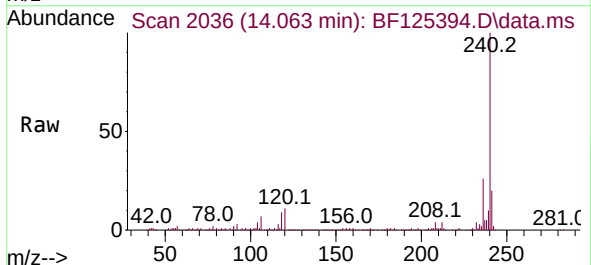
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CON-B

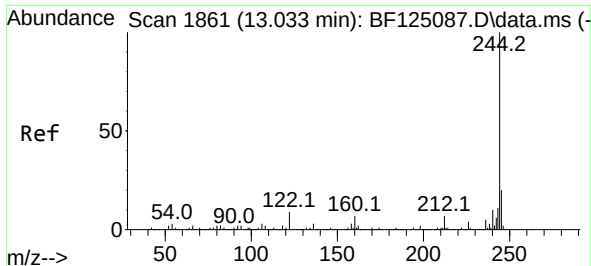
Tgt Ion:188 Resp: 338952
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

Tgt Ion:240 Resp: 334700
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 25.6 21.6 32.4

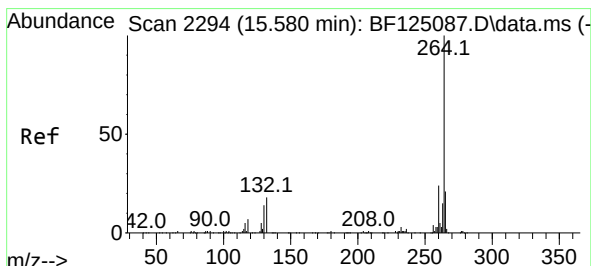
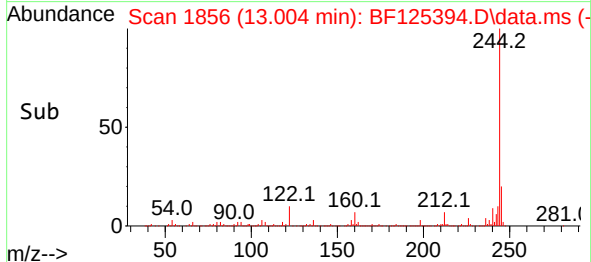
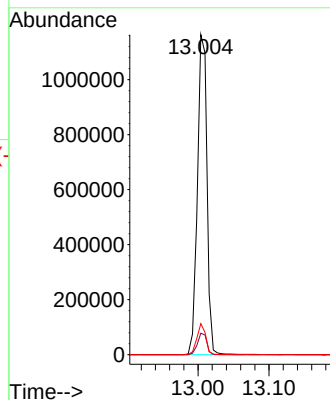
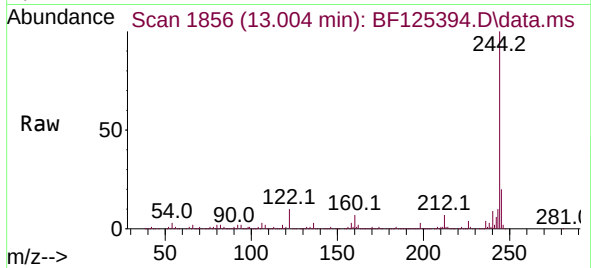




#79
Terphenyl-d14
Concen: 51.925 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

Instrument :
BNA_F
ClientSampled :
CON-B

Tgt Ion:244 Resp: 1090910
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.7 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF125394.D
Acq: 7 Sep 2021 18:39

Tgt Ion:264 Resp: 358142
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 21.2 17.2 25.8

