

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125373.D
 Acq On : 4 Sep 2021 17:17
 Operator : JU/CG
 Sample : M3648-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211059-SI-COMP-4-MODIFIED-EL

Quant Time: Sep 06 08:28:49 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)

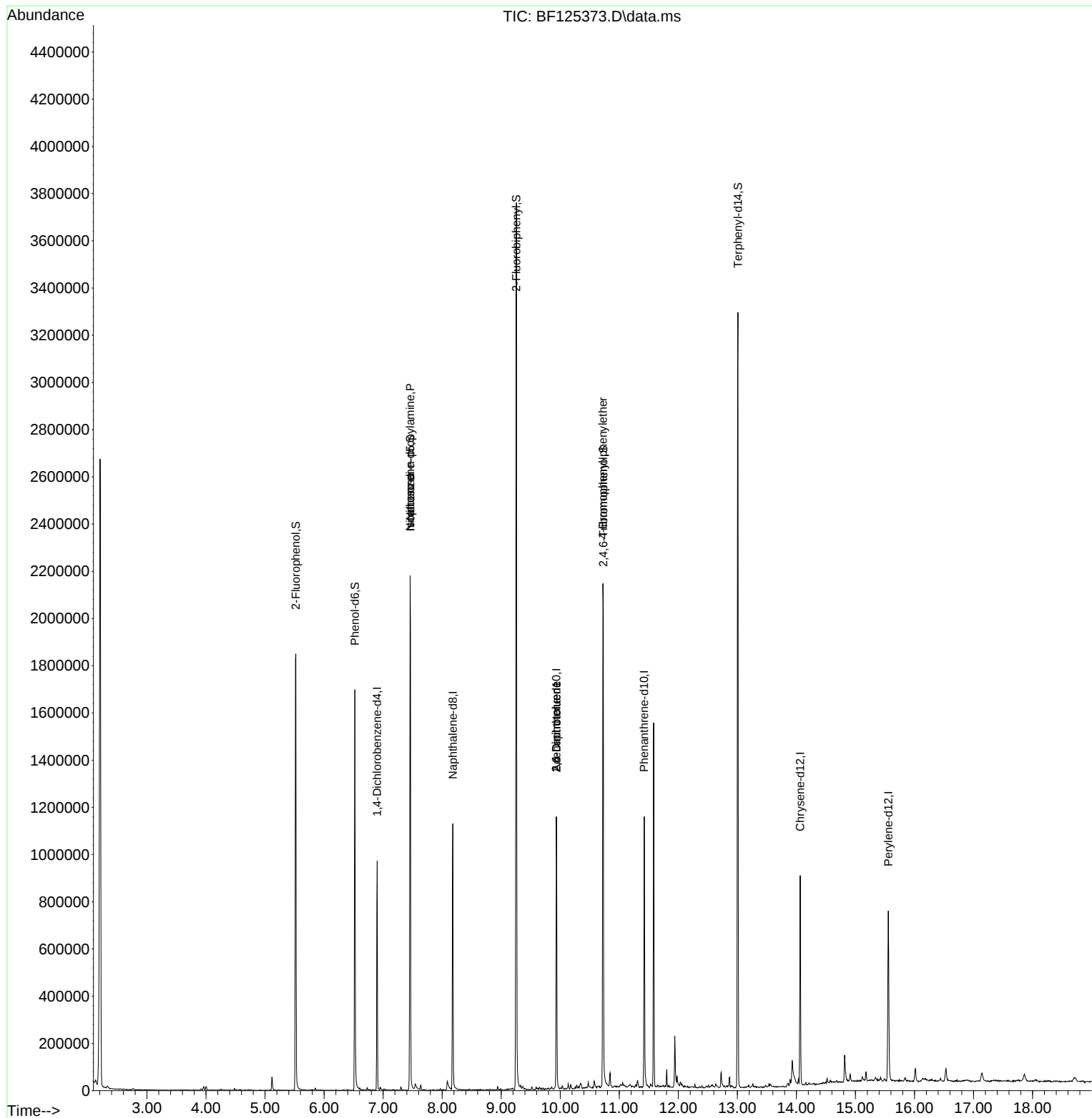
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	136612	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	507618	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	245676	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	400300	20.000	ng	0.00
76) Chrysene-d12	14.062	240	285761	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	316863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	496088	54.964	ng	0.00
7) Phenol-d6	6.522	99	501783	42.987	ng	-0.01
23) Nitrobenzene-d5	7.457	82	734474	72.843	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	302089	123.181	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1287847	73.060	ng	0.00
79) Terphenyl-d14	13.010	244	1207600	67.323	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	98897	14.086	ng	# 58
25) Isophorone	7.457	82	734468	37.759	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	31098	8.424	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	31099	6.960	ng	# 20
67) 4-Bromophenyl-phenylether	10.721	248	18504	3.849	ng	# 1

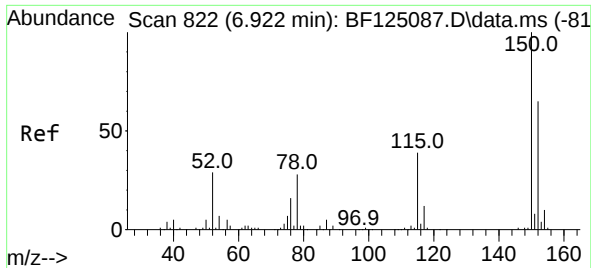
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

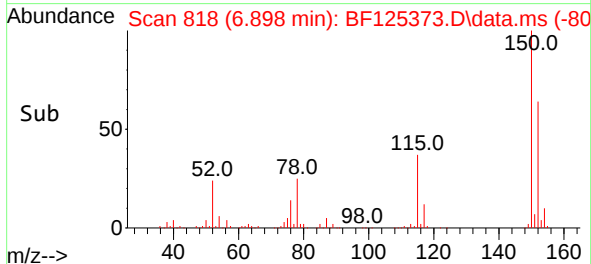
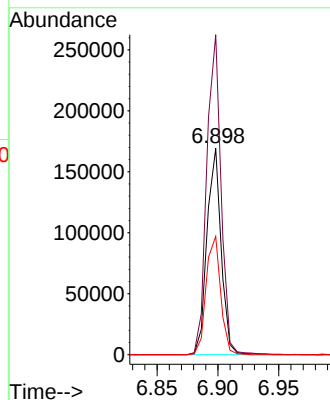
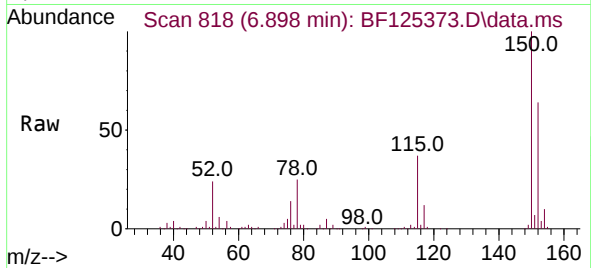




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BF125373.D
 Acq: 4 Sep 2021 17:17

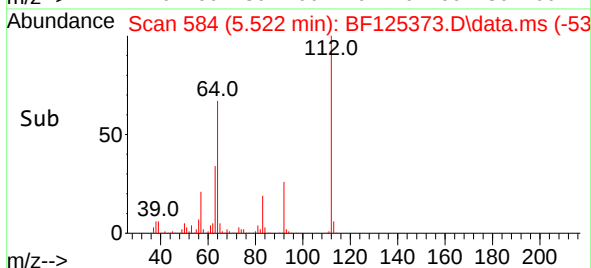
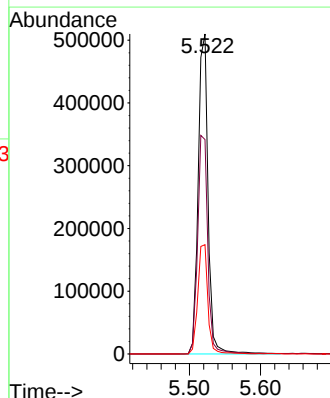
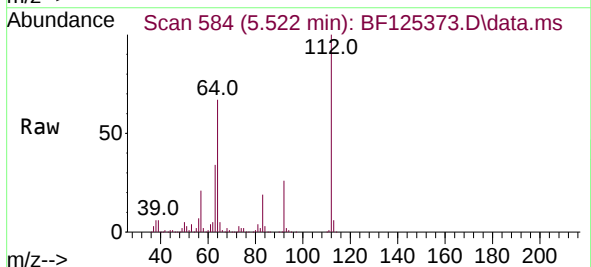
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 20211059-SI-COMP-4-MODIFIED-EL

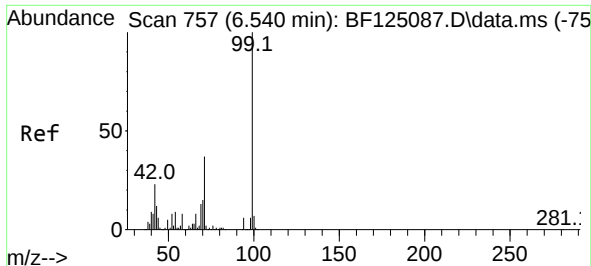
Tgt Ion:152 Resp: 136612
 Ion Ratio Lower Upper
 152 100
 150 155.0 117.6 176.4
 115 57.3 47.1 70.7



#5
 2-Fluorophenol
 Concen: 54.964 ng
 RT: 5.522 min Scan# 584
 Delta R.T. -0.000 min
 Lab File: BF125373.D
 Acq: 4 Sep 2021 17:17

Tgt Ion:112 Resp: 496088
 Ion Ratio Lower Upper
 112 100
 64 67.0 44.2 66.2#
 63 34.1 26.2 39.2

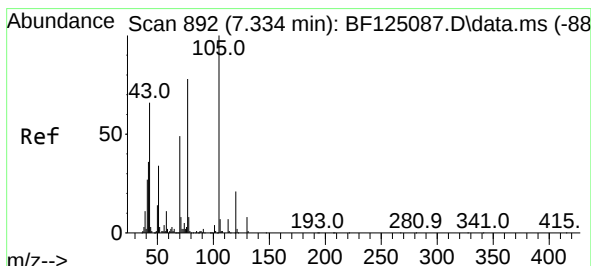
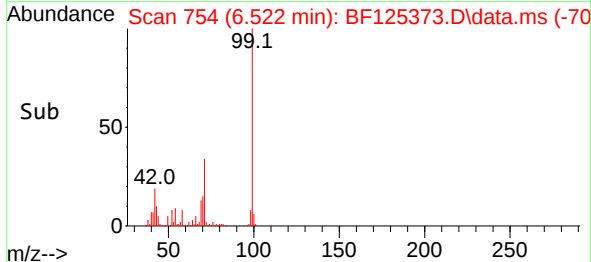
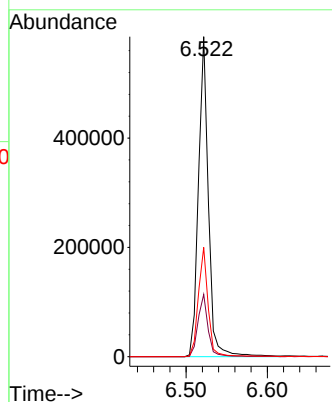
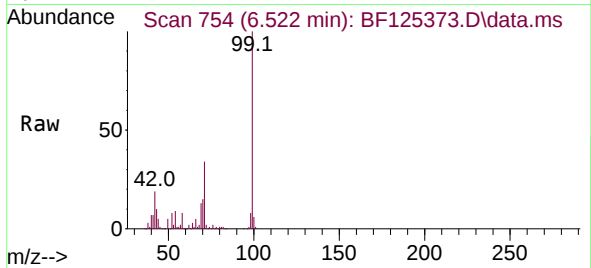




#7
Phenol-d6
Concen: 42.987 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

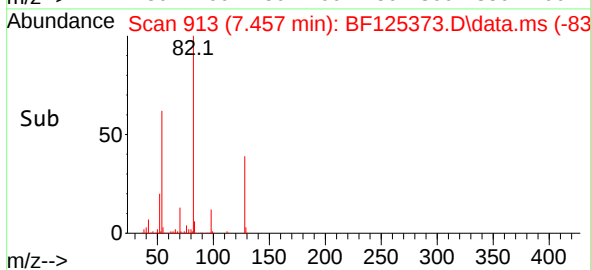
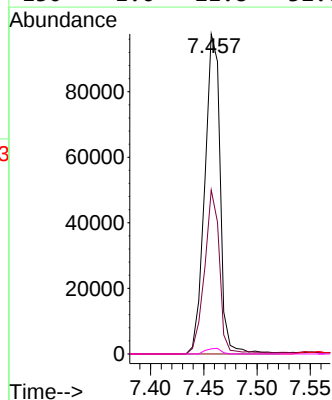
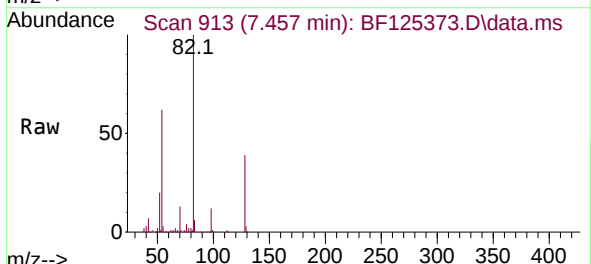
Instrument :
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20211059-SI-COMP-4-MODIFIED-EL

Tgt Ion: 99 Resp: 501783
Ion Ratio Lower Upper
99 100
42 19.5 23.5 35.3#
71 34.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.086 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

Tgt Ion: 70 Resp: 98897
Ion Ratio Lower Upper
70 100
42 51.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

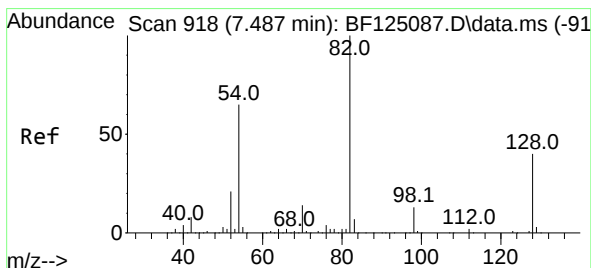
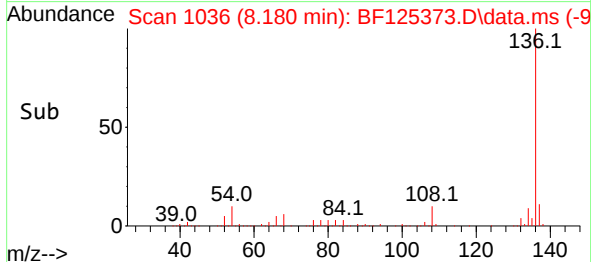
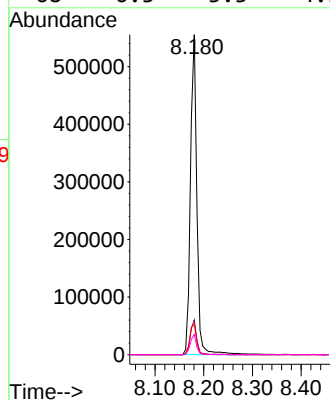
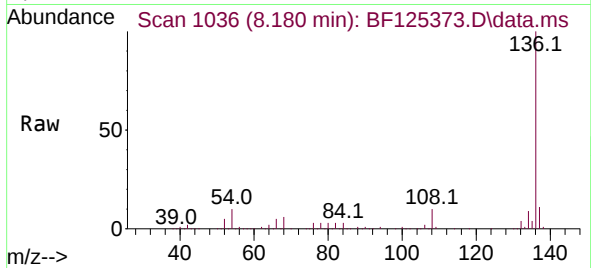




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

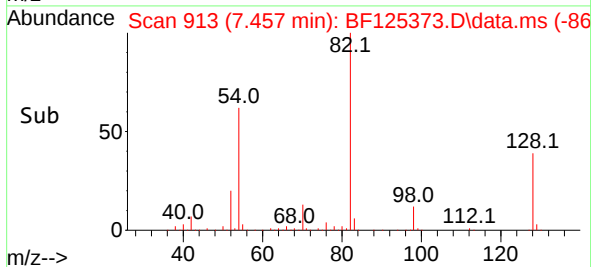
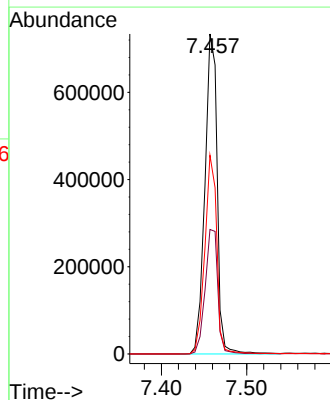
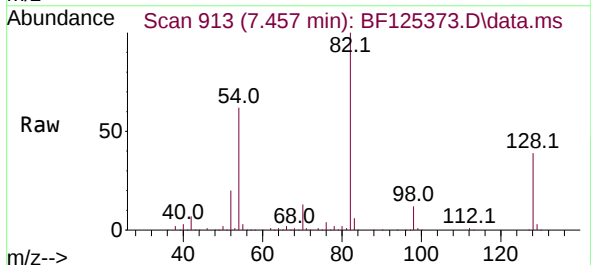
Instrument :
BNA_F
ClientSampleId :
20211059-SI-COMP-4-MODIFIED-EL

Tgt Ion:136 Resp: 507618
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.5 6.4 9.6
68 6.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 72.843 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

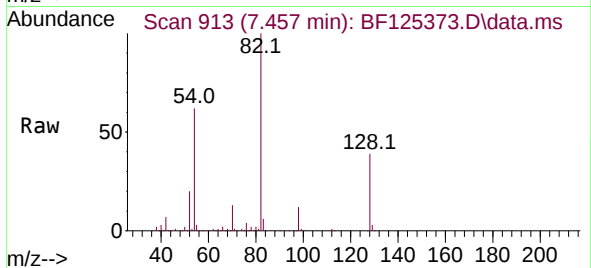
Tgt Ion: 82 Resp: 734474
Ion Ratio Lower Upper
82 100
128 38.9 40.6 60.8#
54 62.1 49.6 74.4



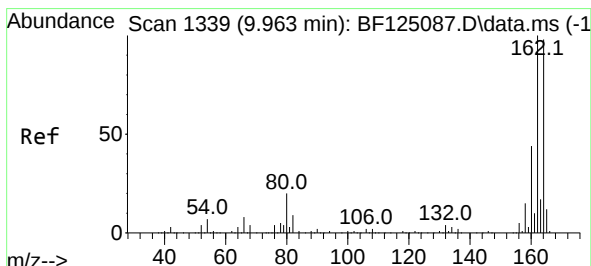
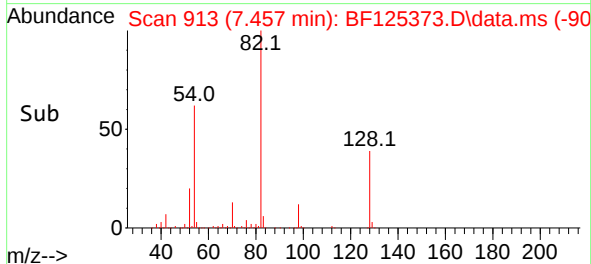
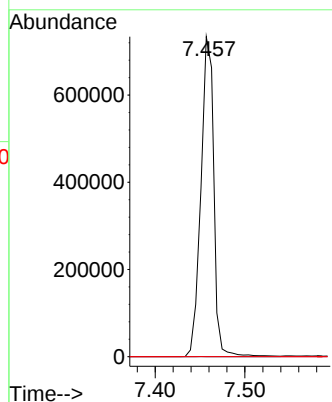


#25
Isophorone
Concen: 37.759 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

Instrument :
BNA_F
ClientSampleId :
20211059-SI-COMP-4-MODIFIED-EL

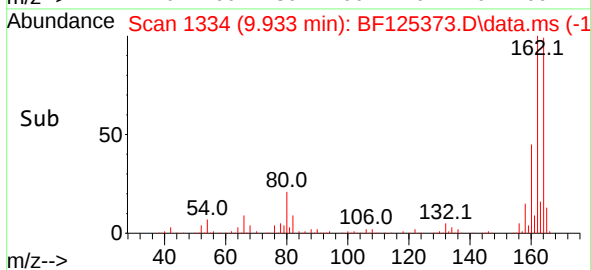
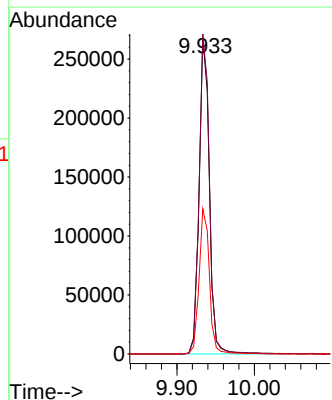
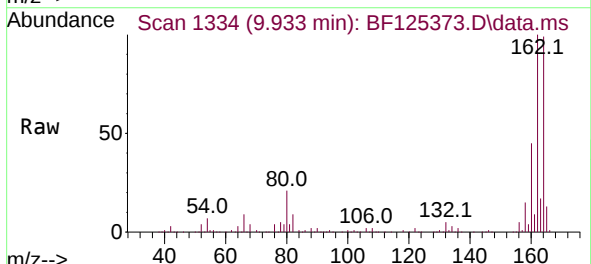


Tgt Ion: 82 Resp: 734468
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

Tgt Ion: 164 Resp: 245676
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 45.9 38.0 57.0

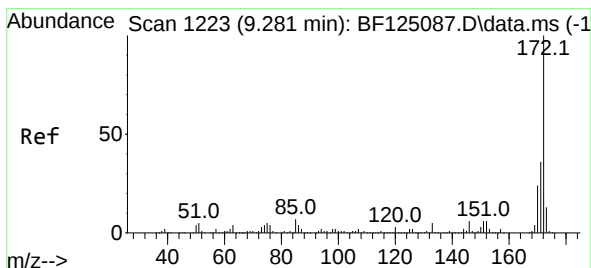
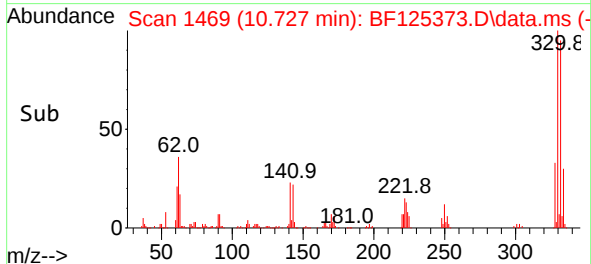
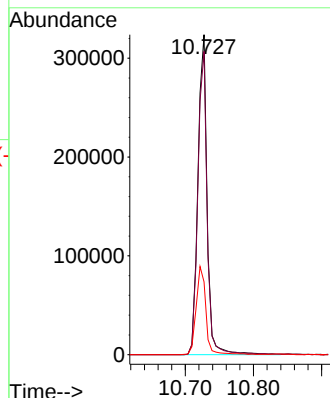
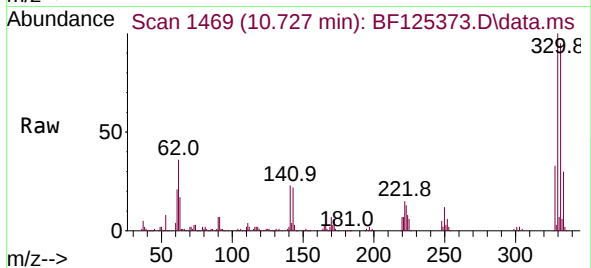




#42
2,4,6-Tribromophenol
Concen: 123.181 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

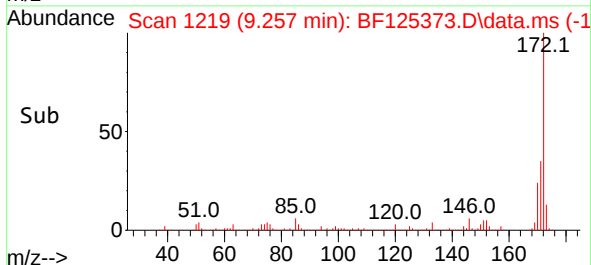
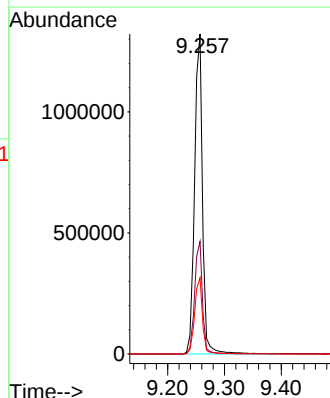
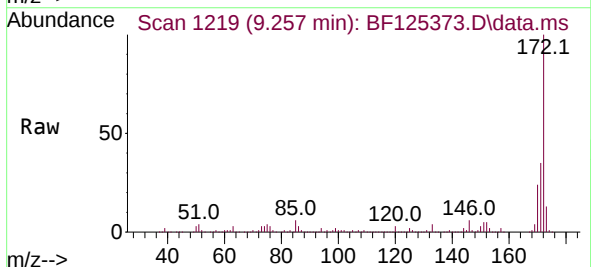
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ClientSampleId :
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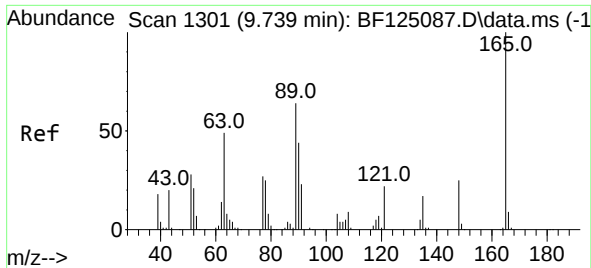
Tgt Ion:330 Resp: 302089
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 29.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 73.060 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

Tgt Ion:172 Resp: 1287847
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.8 18.8 28.2

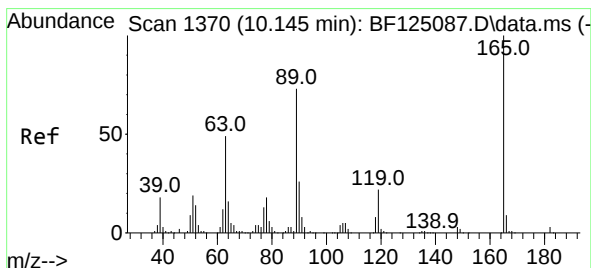
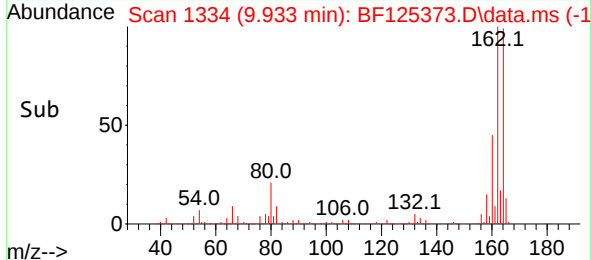
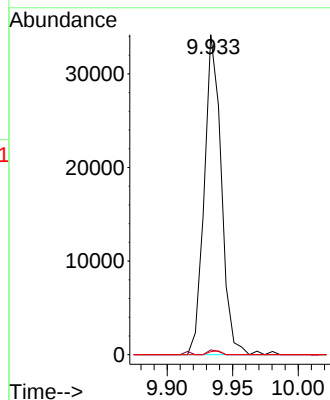
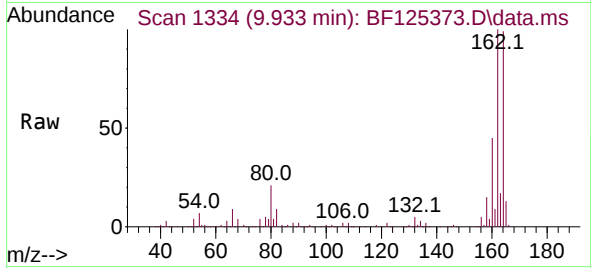




#51
2,6-Dinitrotoluene
Concen: 8.424 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

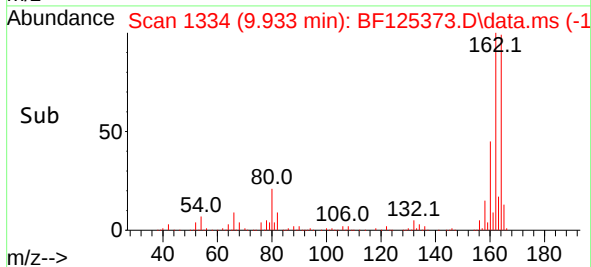
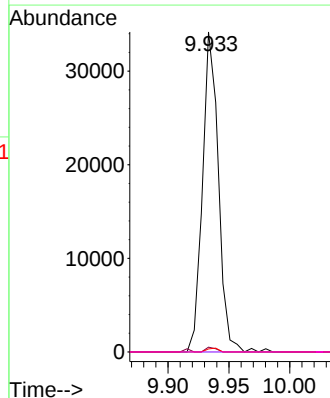
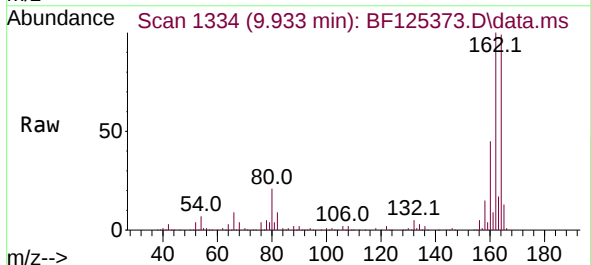
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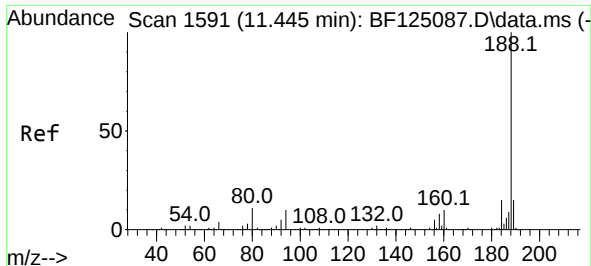
Tgt Ion:165 Resp: 31098
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.960 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

Tgt Ion:165 Resp: 31099
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

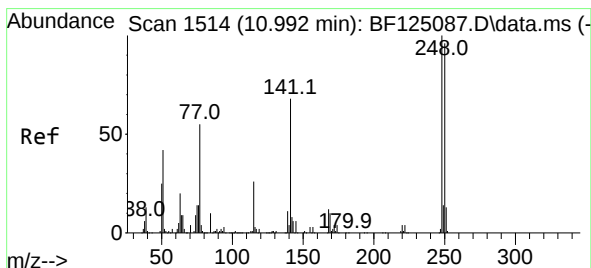
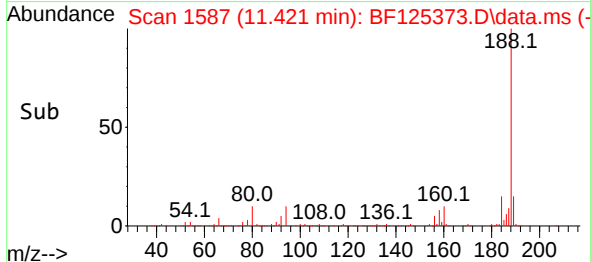
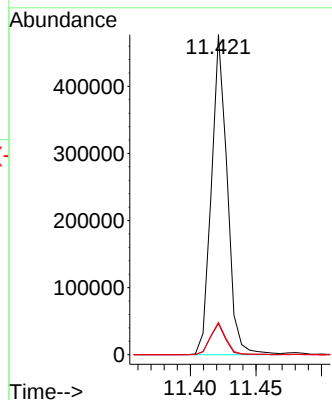
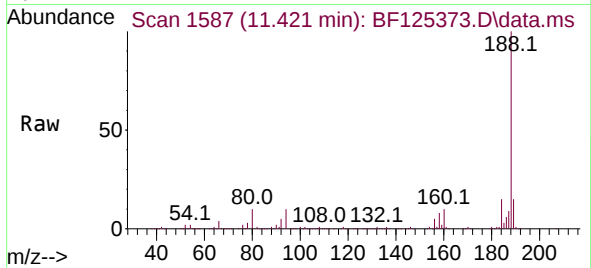




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

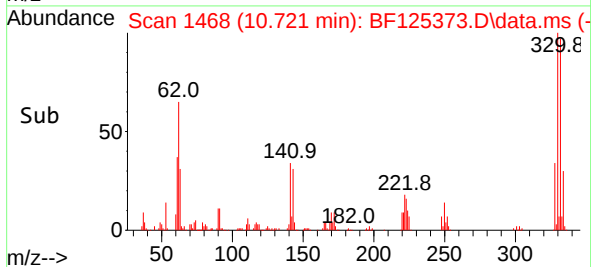
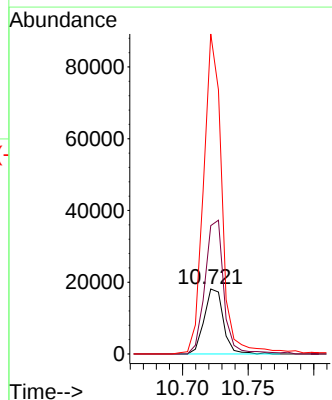
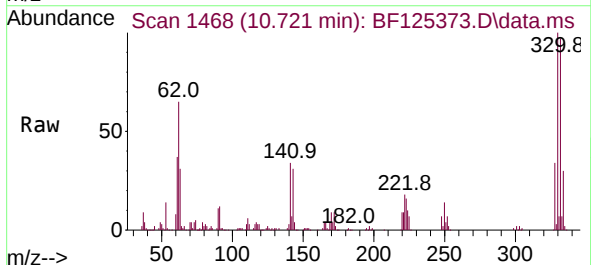
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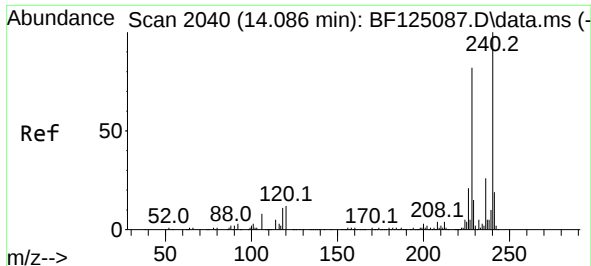
Tgt Ion:188 Resp: 400300
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.849 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

Tgt Ion:248 Resp: 18504
Ion Ratio Lower Upper
248 100
250 197.5 74.2 111.4#
141 492.3 60.4 90.6#

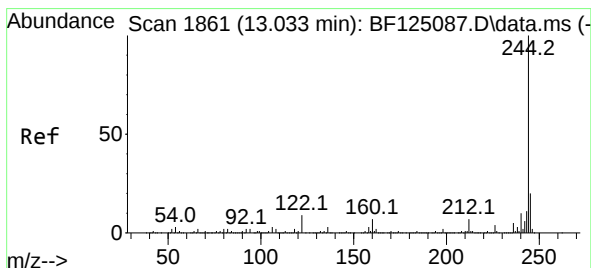
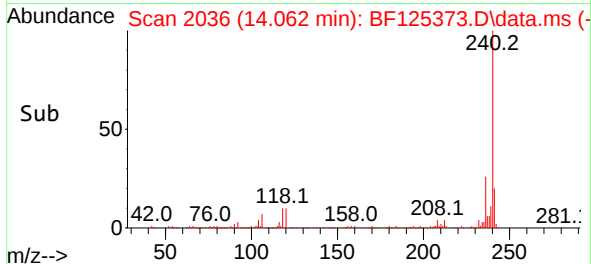
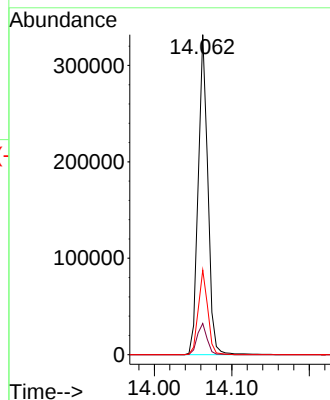
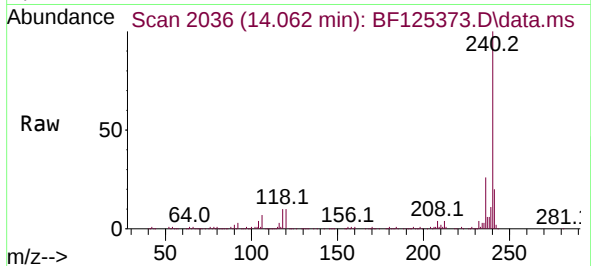




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

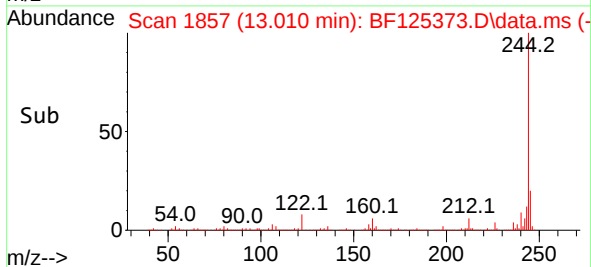
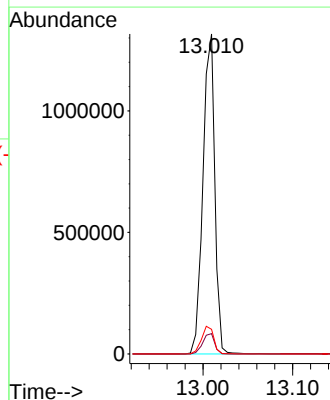
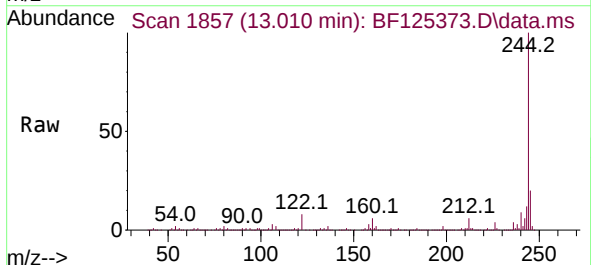
Instrument :
BNA_F
ClientSampleId :
20211059-SI-COMP-4-MODIFIED-EL

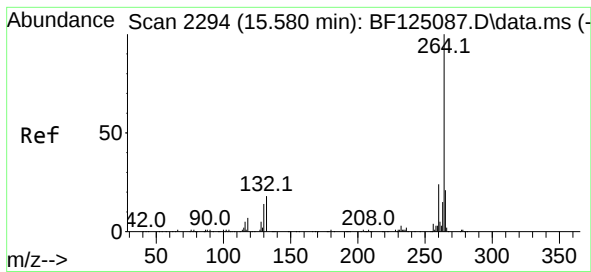
Tgt Ion:240 Resp: 285761
Ion Ratio Lower Upper
240 100
120 9.8 10.8 16.2#
236 26.5 21.6 32.4



#79
Terphenyl-d14
Concen: 67.323 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

Tgt Ion:244 Resp: 1207600
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 7.7 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2290
Delta R.T. -0.000 min
Lab File: BF125373.D
Acq: 4 Sep 2021 17:17

Instrument :
BNA_F
ClientSampleId :
20211059-SI-COMP-4-MODIFIED-EL

Tgt Ion:264	Resp:	316863
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.6 29.4
265	21.6	17.2 25.8

