

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
 Data File : BF125354.D
 Acq On : 3 Sep 2021 19:17
 Operator : JU/CG
 Sample : M3627-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11-FEEDER

Quant Time: Sep 04 00:56:35 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)

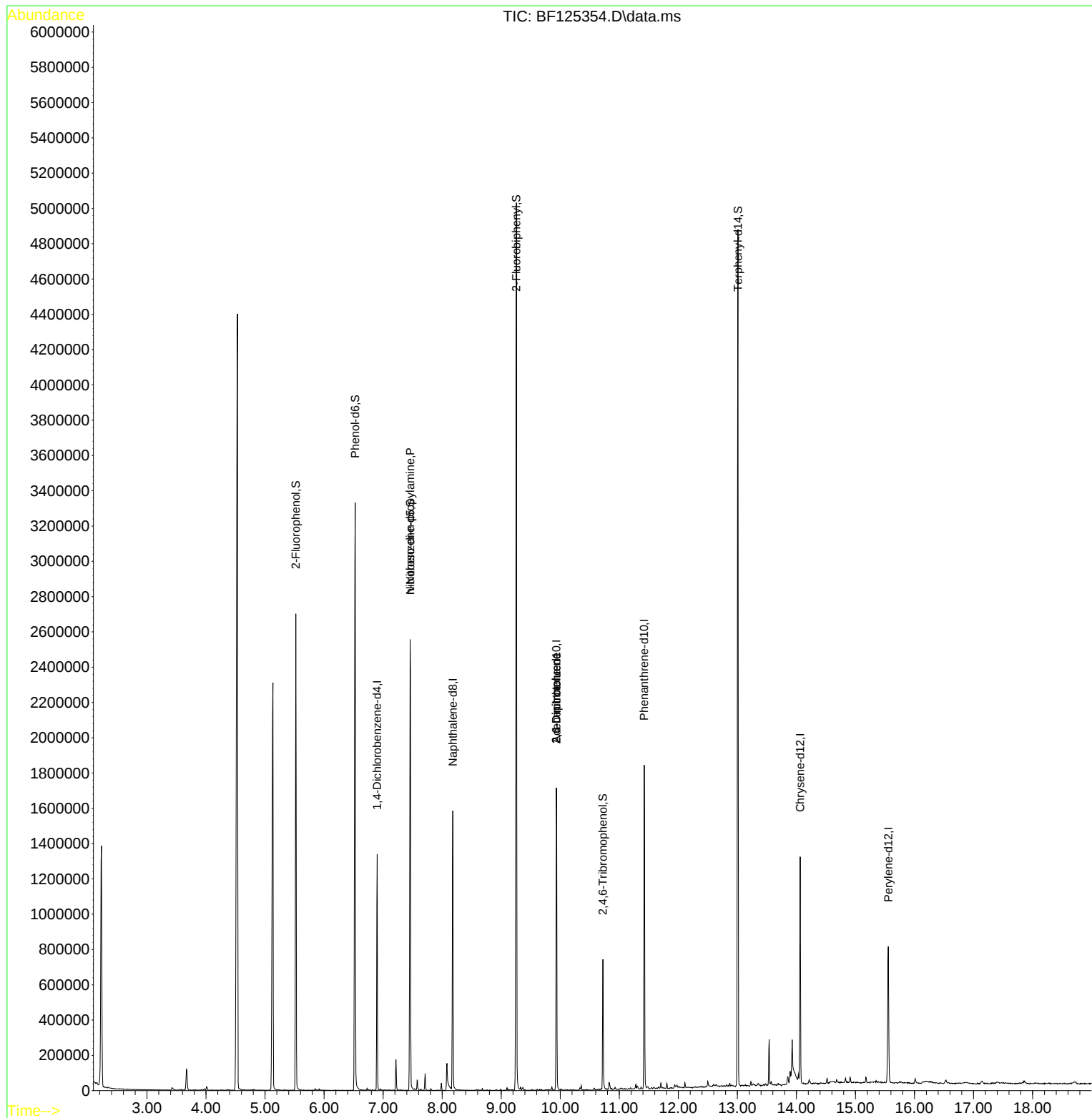
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	184403	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	696282	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	368896	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	661265	20.000	ng	0.00
76) Chrysene-d12	14.062	240	410937	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	358446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	636041	52.207	ng	0.00
7) Phenol-d6	6.528	99	1193089	75.720	ng	0.00
23) Nitrobenzene-d5	7.457	82	909337	65.749	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	86415	23.467	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1605782	60.668	ng	0.00
79) Terphenyl-d14	13.010	244	1746238	67.697	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	120503	12.715	ng	# 56
51) 2,6-Dinitrotoluene	9.933	165	47217	8.518	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	47217	7.038	ng	# 20

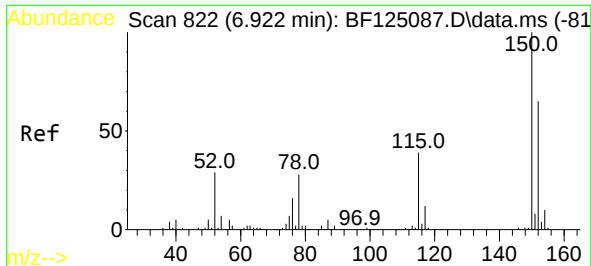
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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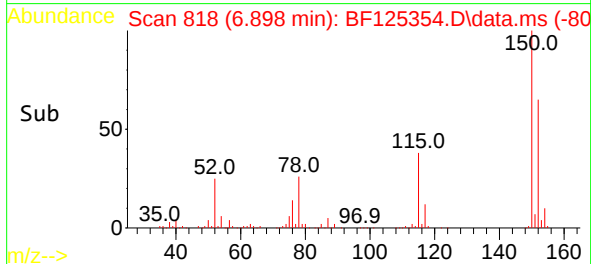
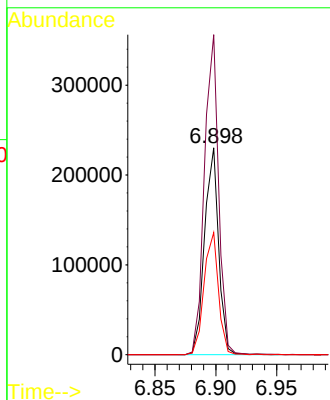
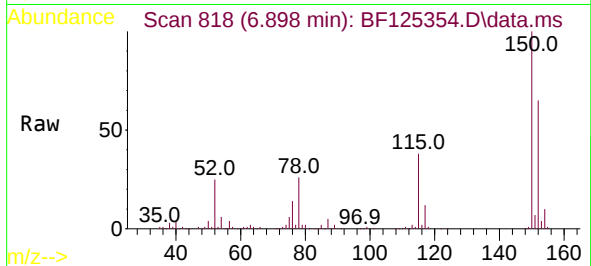




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

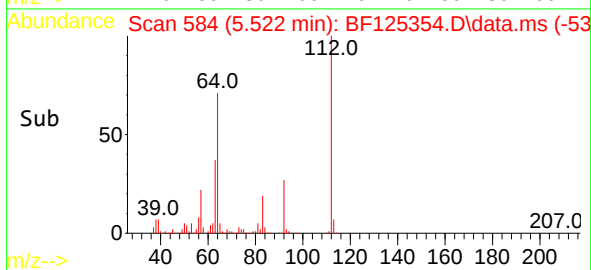
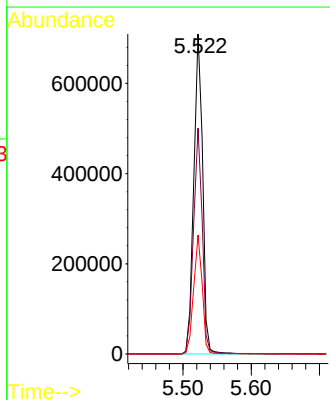
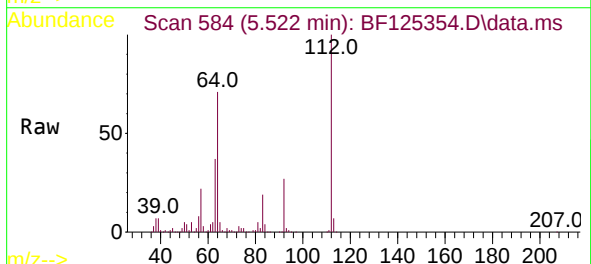
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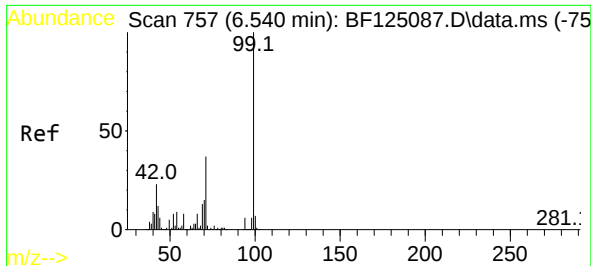
Tgt Ion:152 Resp: 184403
Ion Ratio Lower Upper
152 100
150 154.7 117.6 176.4
115 59.0 47.1 70.7



#5
2-Fluorophenol
Concen: 52.207 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.000 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

Tgt Ion:112 Resp: 636041
Ion Ratio Lower Upper
112 100
64 70.5 44.2 66.2#
63 37.2 26.2 39.2

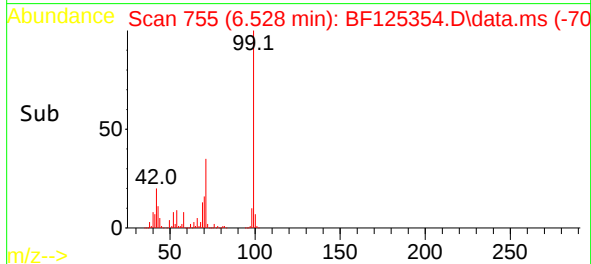
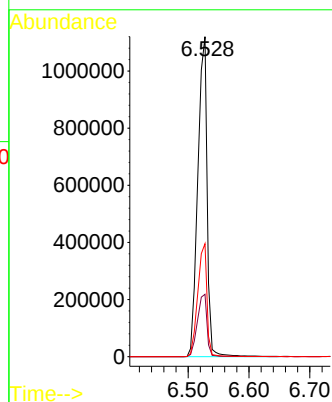
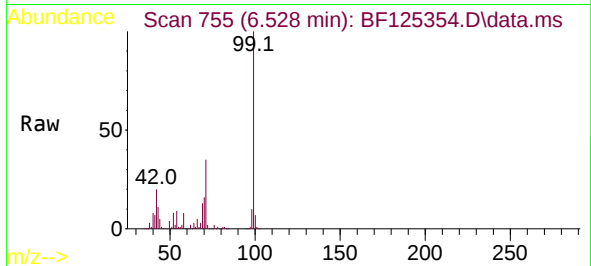




#7
Phenol-d6
Concen: 75.720 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

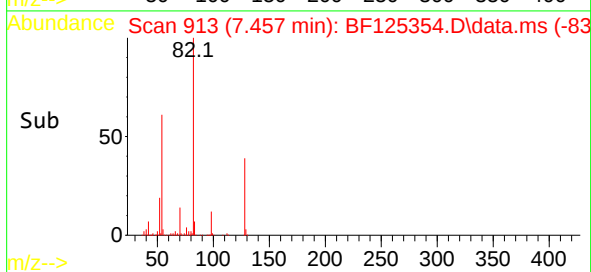
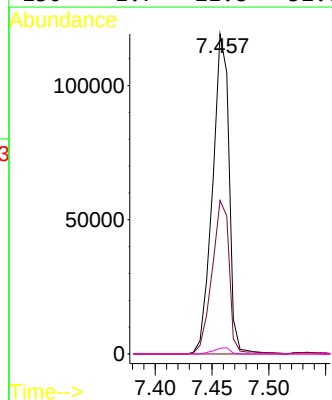
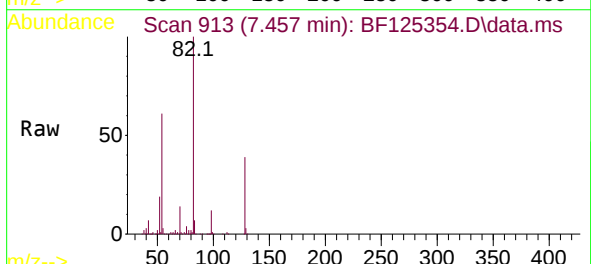
Instrument :
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ClientSampleId :
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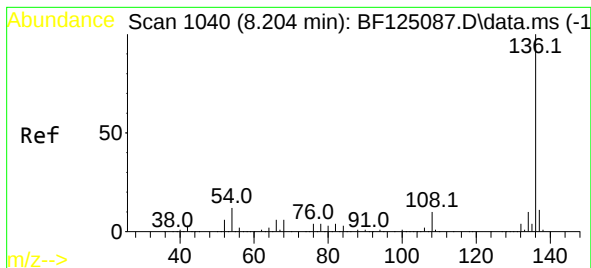
Tgt Ion: 99 Resp: 1193089
Ion Ratio Lower Upper
99 100
42 19.5 23.5 35.3#
71 35.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.715 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

Tgt Ion: 70 Resp: 120503
Ion Ratio Lower Upper
70 100
42 47.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

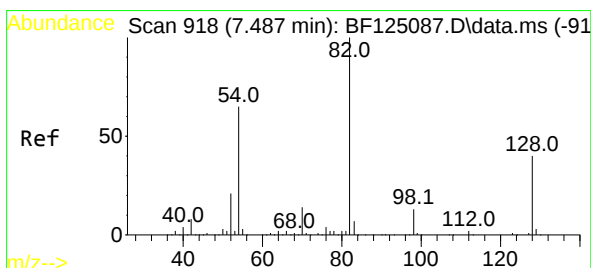
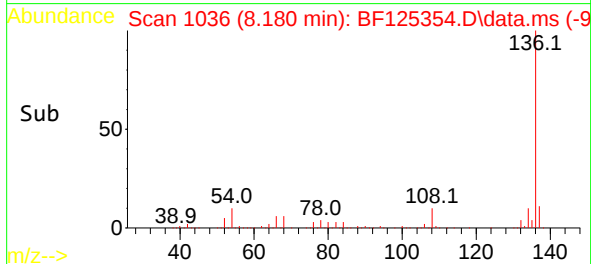
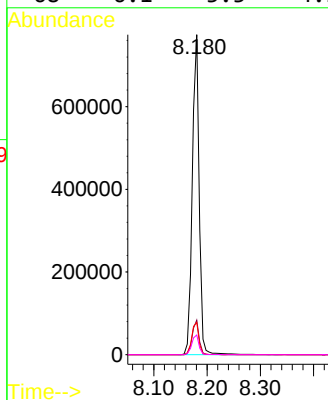
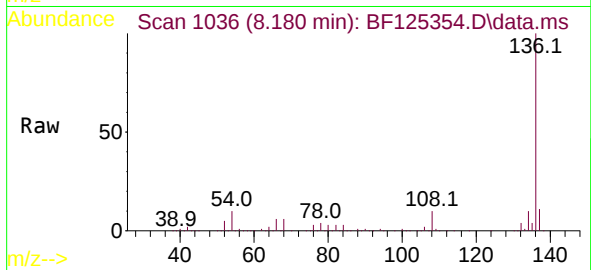




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

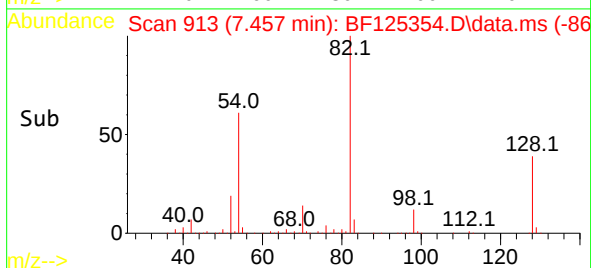
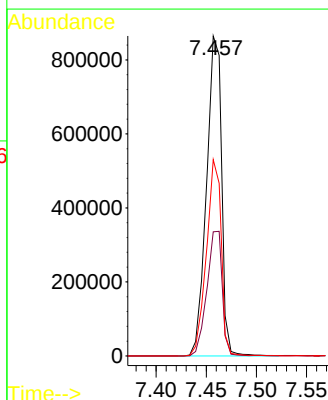
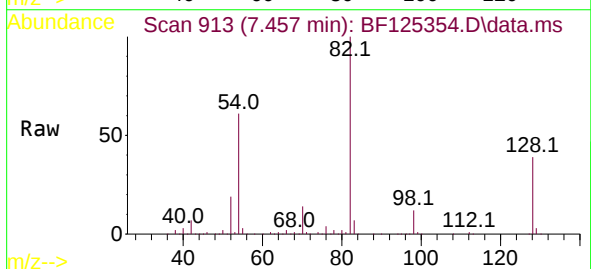
Instrument :
BNA_F
ClientSampleId :
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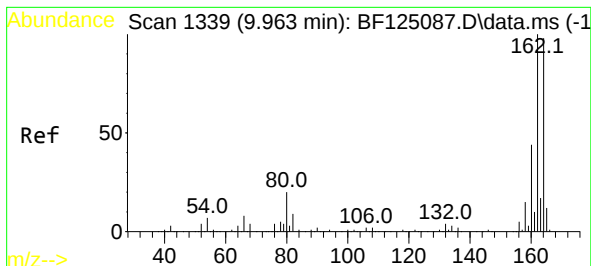
Tgt Ion:136 Resp: 696282
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.0 6.4 9.6#
68 6.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 65.749 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

Tgt Ion: 82 Resp: 909337
Ion Ratio Lower Upper
82 100
128 38.8 40.6 60.8#
54 61.4 49.6 74.4

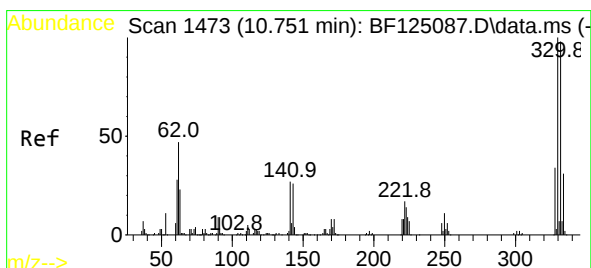
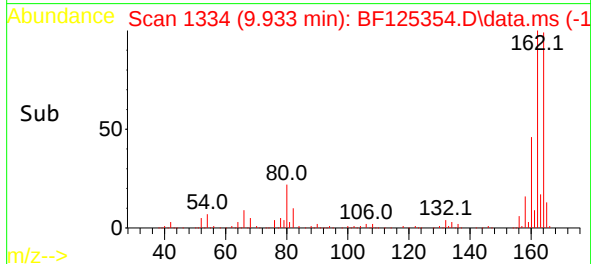
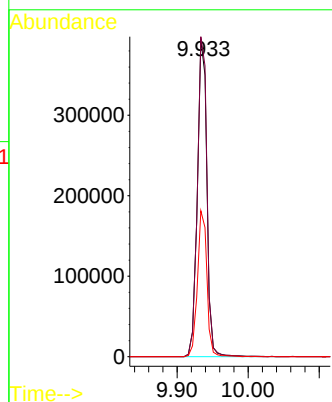
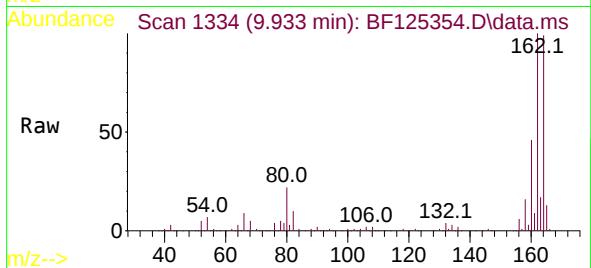




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

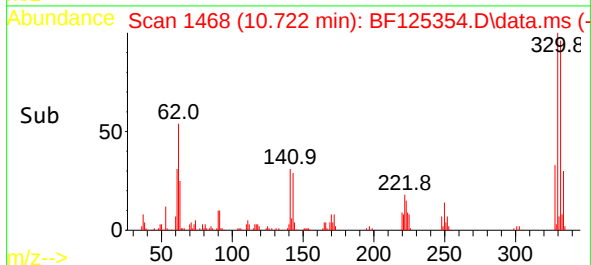
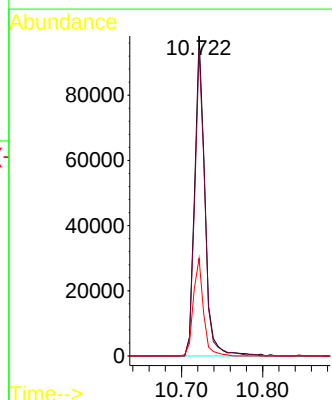
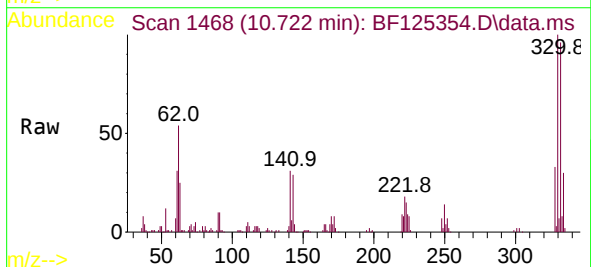
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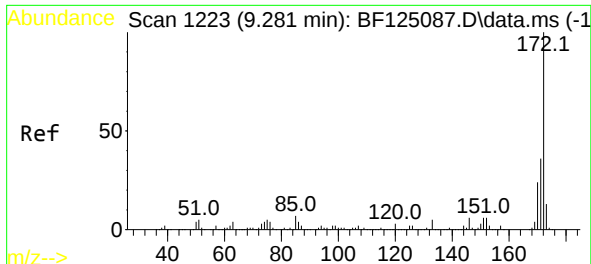
Tgt Ion:164 Resp: 368896
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 46.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 23.467 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

Tgt Ion:330 Resp: 86415
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 30.0 44.6 66.8#

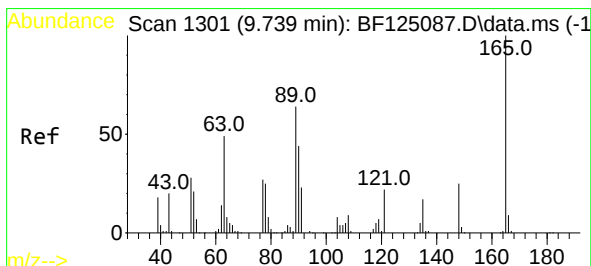
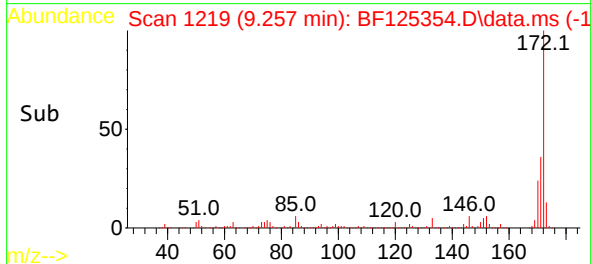
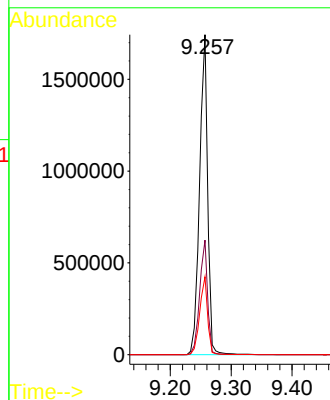
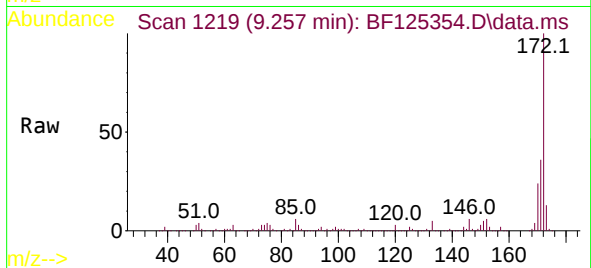




#45
2-Fluorobiphenyl
Concen: 60.668 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

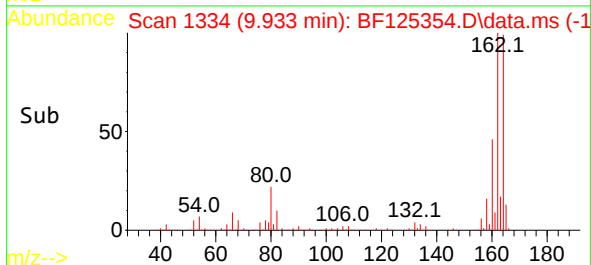
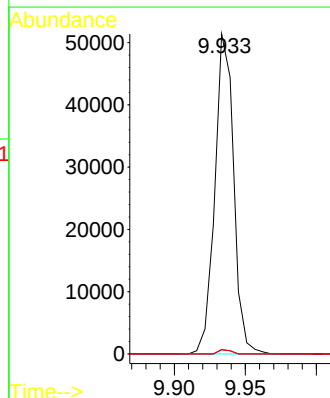
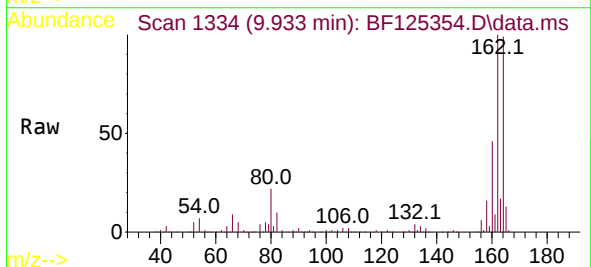
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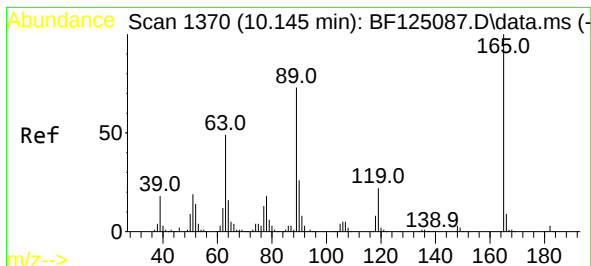
Tgt Ion:172 Resp: 1605782
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.3 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.518 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

Tgt Ion:165 Resp: 47217
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.4 40.6 60.8#

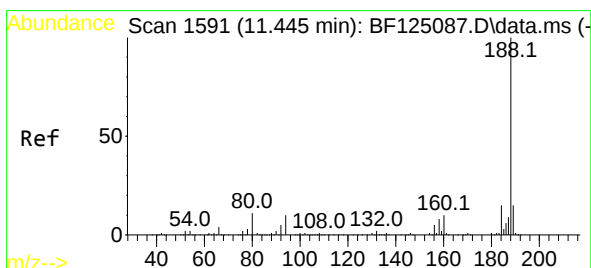
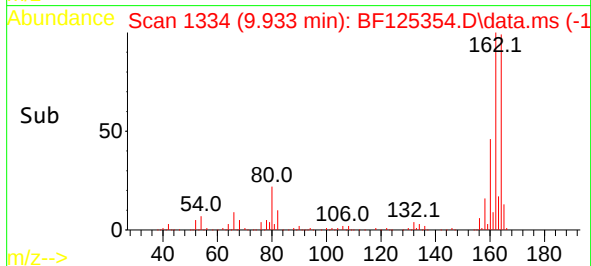
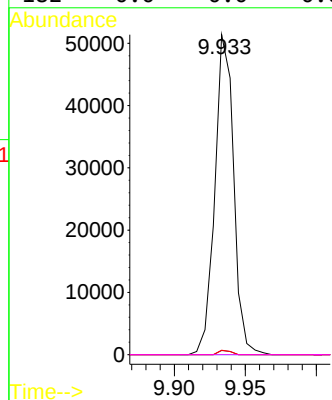
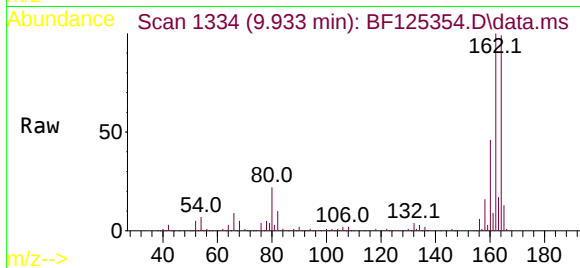




#57
2,4-Dinitrotoluene
Concen: 7.038 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

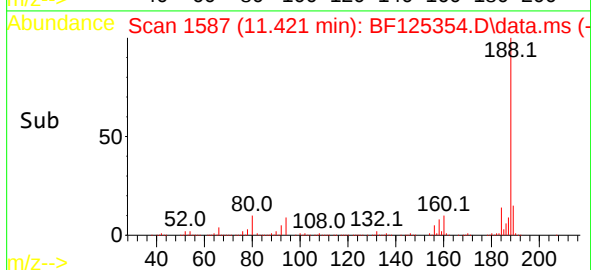
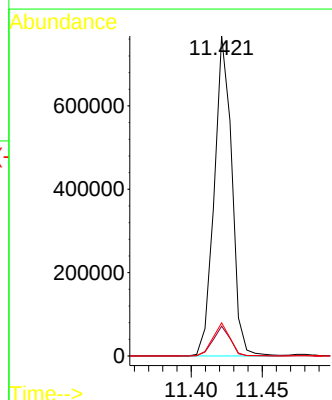
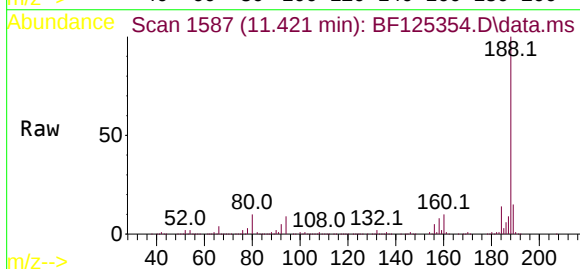
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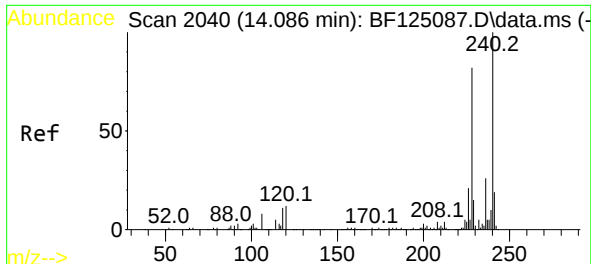
Tgt Ion:165	Resp:	47217
Ion Ratio	Lower	Upper
165	100	
63	1.3	40.9 61.3#
89	1.4	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

Tgt Ion:188	Resp:	661265
Ion Ratio	Lower	Upper
188	100	
94	9.3	6.7 10.1
80	10.4	7.5 11.3

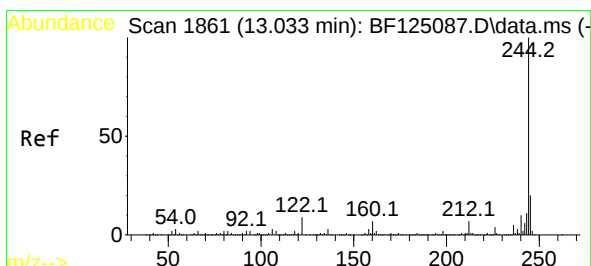
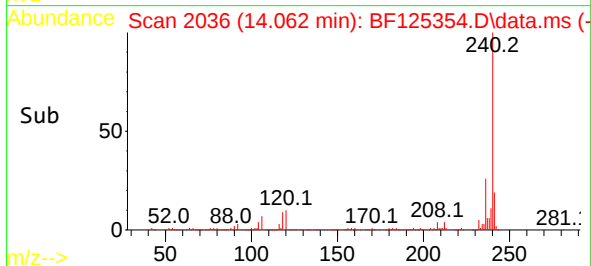
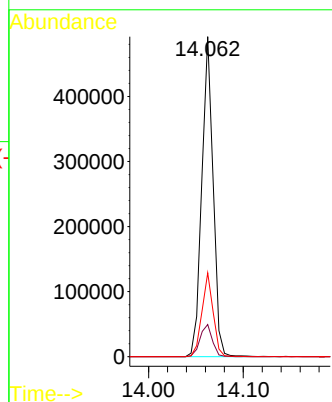
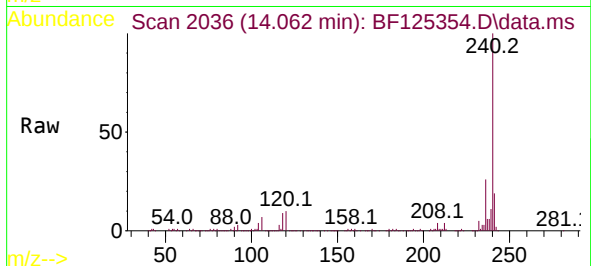




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

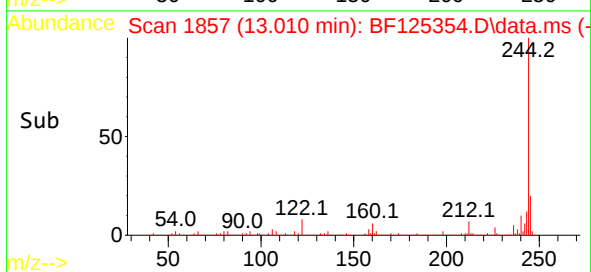
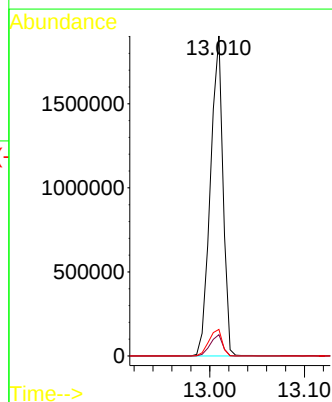
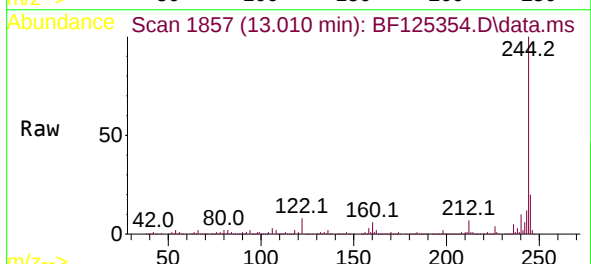
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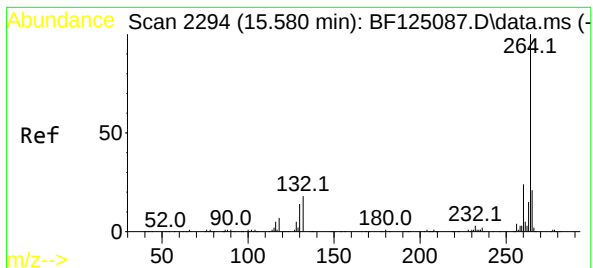
Tgt Ion:240 Resp: 410937
Ion Ratio Lower Upper
240 100
120 10.1 10.8 16.2#
236 26.2 21.6 32.4



#79
Terphenyl-d14
Concen: 67.697 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125354.D
Acq: 3 Sep 2021 19:17

Tgt Ion:244 Resp: 1746238
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.3 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: BF125354.D
 Acq: 3 Sep 2021 19:17

Instrument :
 BNA_F
 ClientSampleId :
 11-FEEDER

Tgt Ion:264 Resp: 358446
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 21.4 17.2 25.8

