

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
 Data File : BF125350.D
 Acq On : 3 Sep 2021 17:08
 Operator : JU/CG
 Sample : M3627-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-4-FEEDER

Quant Time: Sep 03 18:37:30 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)

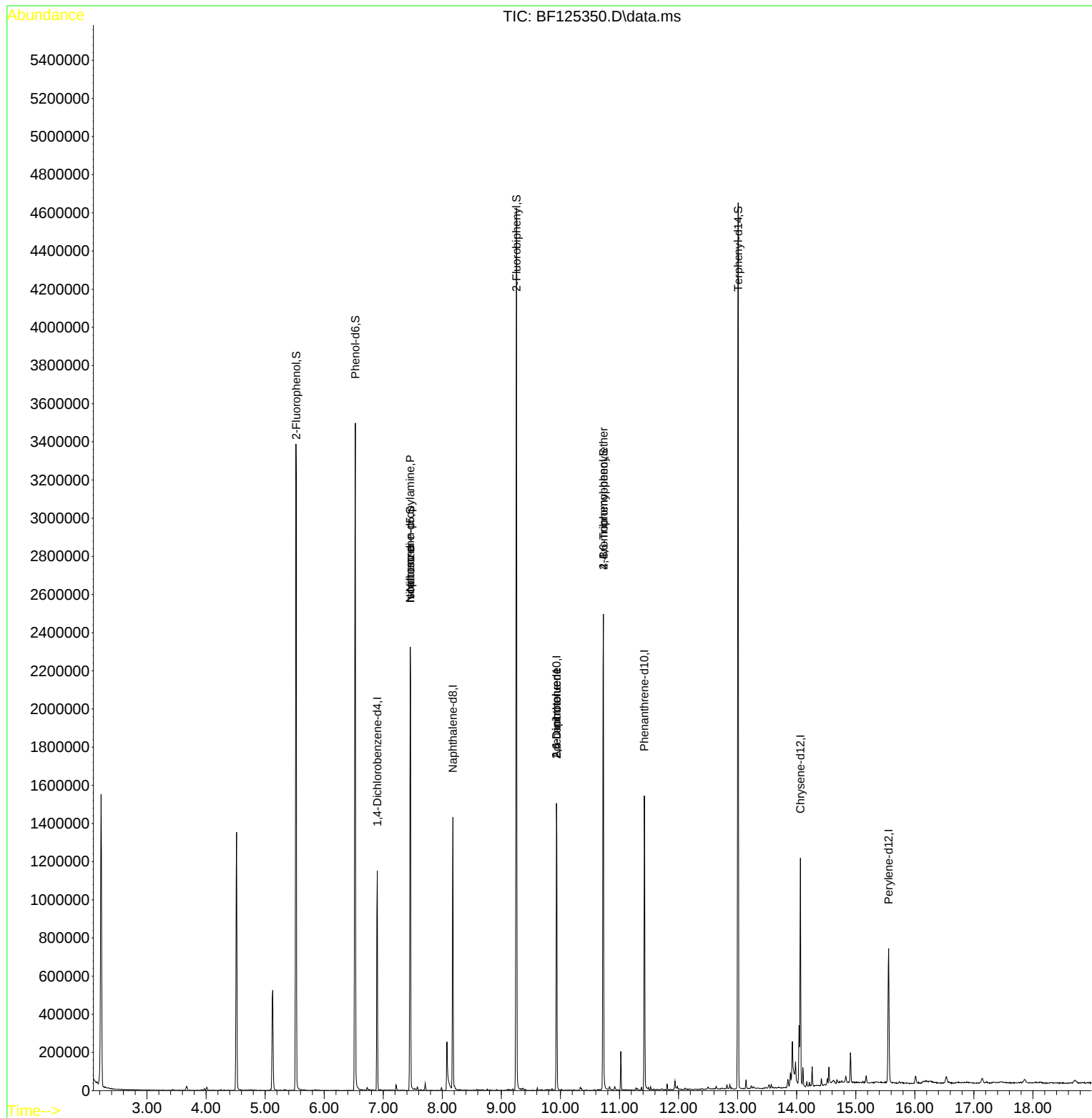
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	158783	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	615585	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	326014	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	580086	20.000	ng	0.00
76) Chrysene-d12	14.063	240	391255	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	320769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	920645	87.760	ng	0.00
7) Phenol-d6	6.528	99	1190728	87.764	ng	0.00
23) Nitrobenzene-d5	7.457	82	811235	66.345	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	324826	99.813	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1450272	62.000	ng	0.00
79) Terphenyl-d14	13.010	244	1627313	66.260	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	108495	13.295	ng	# 57
25) Isophorone	7.457	82	811224	34.391	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	41573	8.486	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	41573	7.012	ng	# 19
67) 4-Bromophenyl-phenylether	10.727	248	20251	2.907	ng	# 1

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

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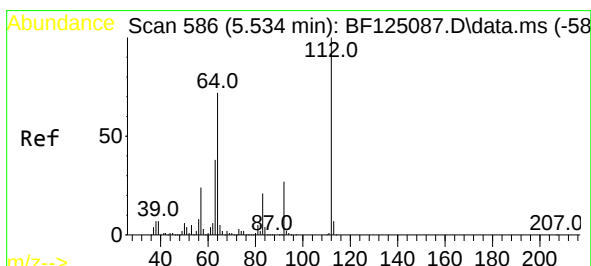
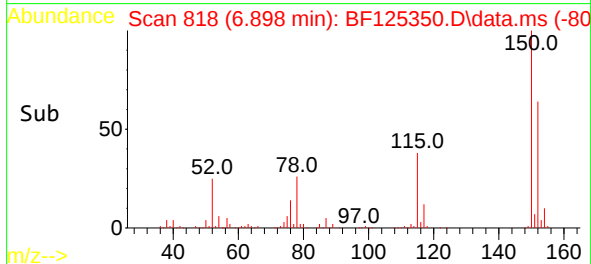
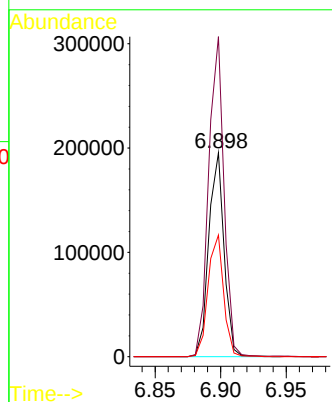
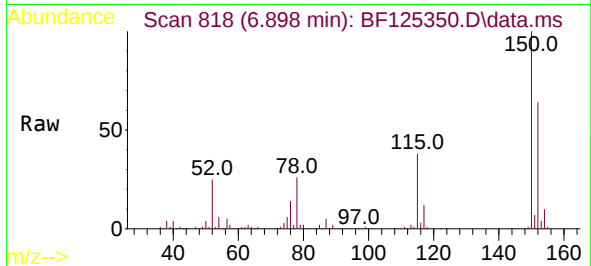




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

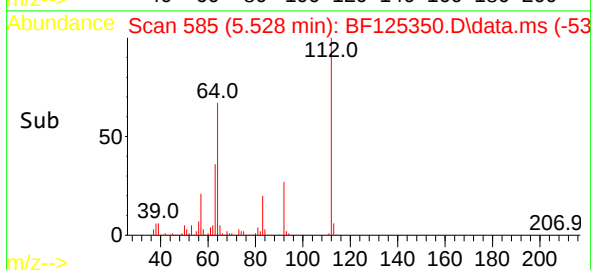
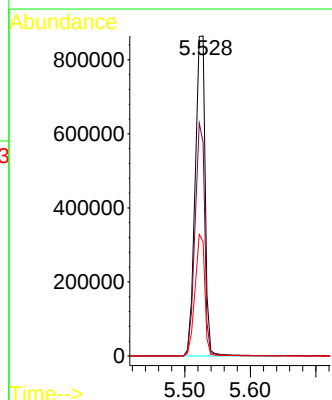
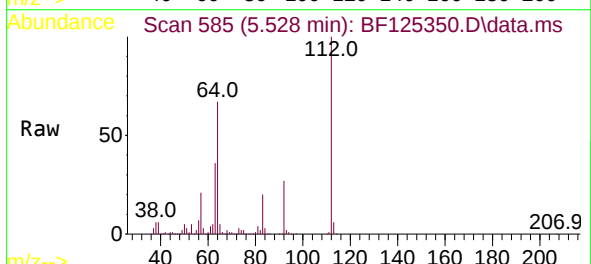
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BNA_F
ClientSampleId :
3-4-FEEDER

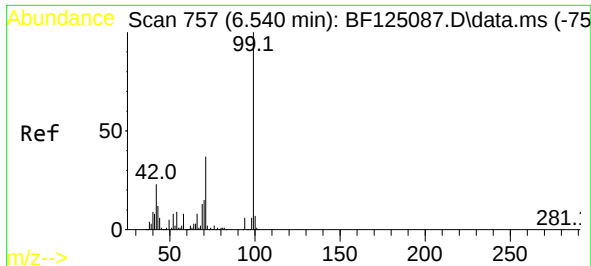
Tgt Ion:152 Resp: 158783
Ion Ratio Lower Upper
152 100
150 157.0 117.6 176.4
115 59.7 47.1 70.7



#5
2-Fluorophenol
Concen: 87.760 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.006 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

Tgt Ion:112 Resp: 920645
Ion Ratio Lower Upper
112 100
64 66.8 44.2 66.2#
63 35.7 26.2 39.2

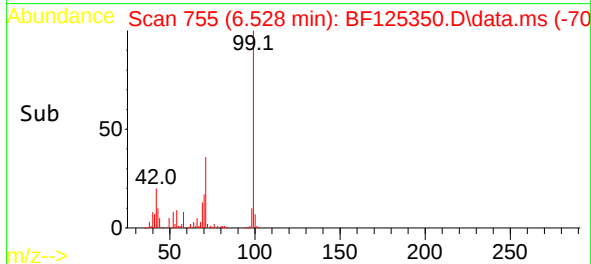
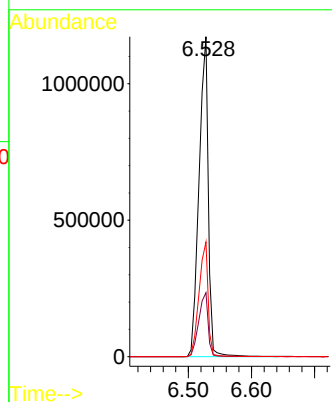
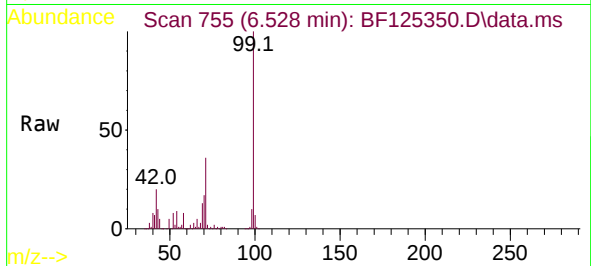




#7
Phenol-d6
Concen: 87.764 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

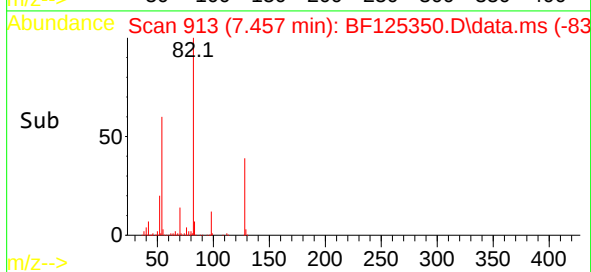
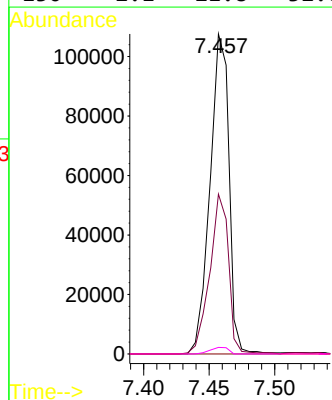
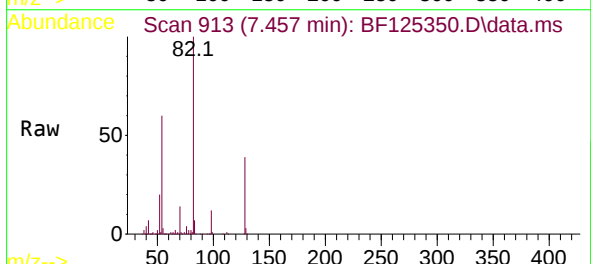
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BNA_F
ClientSampleId :
3-4-FEEDER

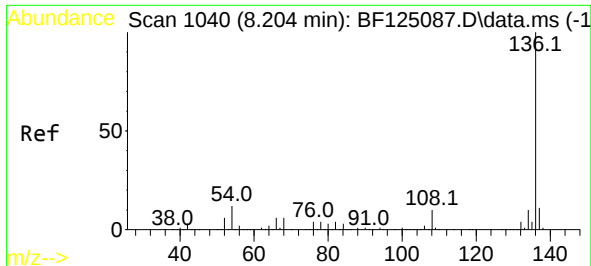
Tgt Ion: 99 Resp: 1190728
Ion Ratio Lower Upper
99 100
42 20.0 23.5 35.3#
71 35.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.295 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

Tgt Ion: 70 Resp: 108495
Ion Ratio Lower Upper
70 100
42 49.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#

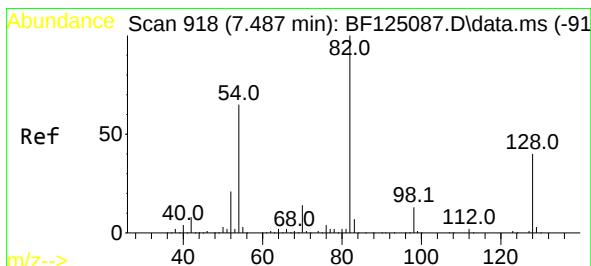
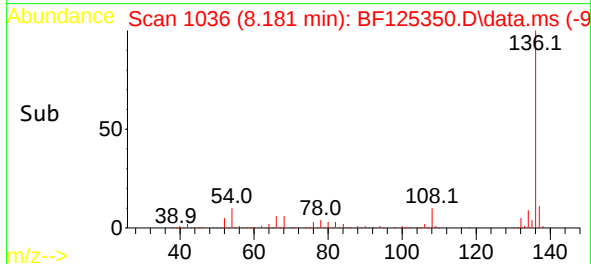
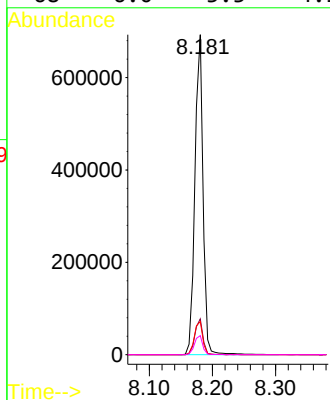
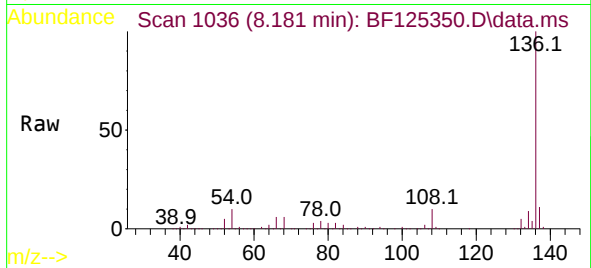




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

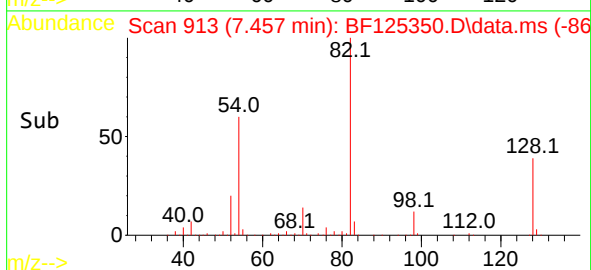
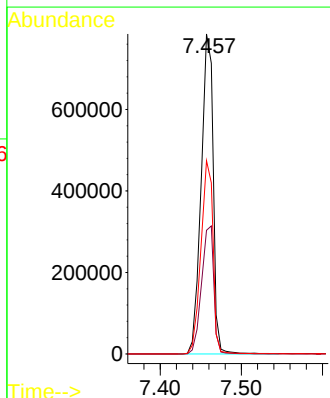
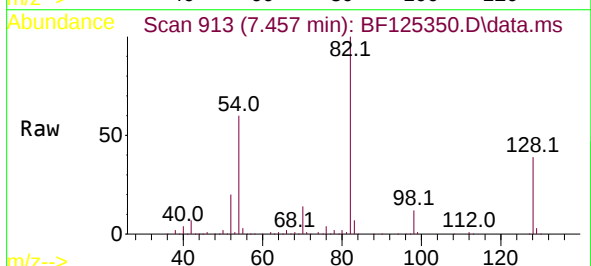
Instrument :
BNA_F
ClientSampleId :
3-4-FEEDER

Tgt Ion:136 Resp: 615585
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 10.4 6.4 9.6#
68 6.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 66.345 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

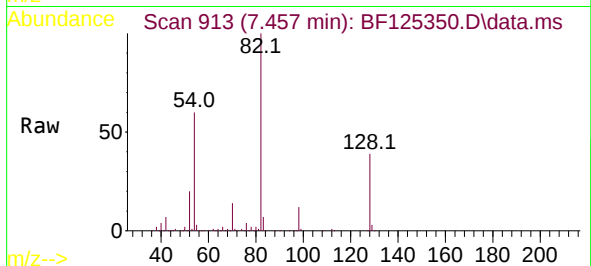
Tgt Ion: 82 Resp: 811235
Ion Ratio Lower Upper
82 100
128 38.7 40.6 60.8#
54 60.4 49.6 74.4



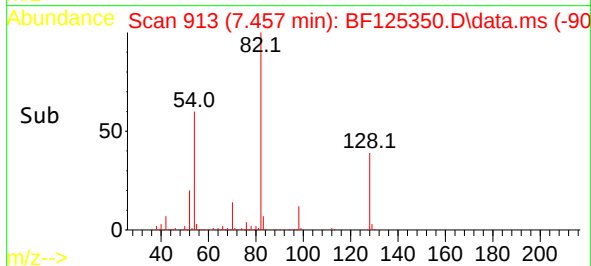
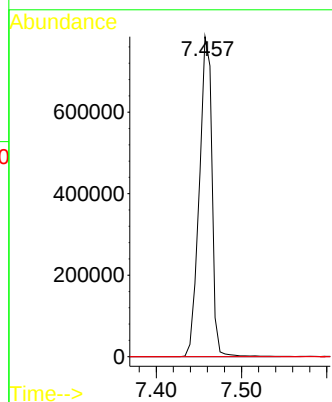


#25
Isophorone
Concen: 34.391 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

Instrument :
BNA_F
ClientSampleId :
3-4-FEEDER

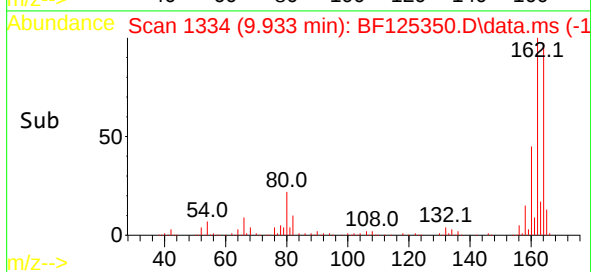
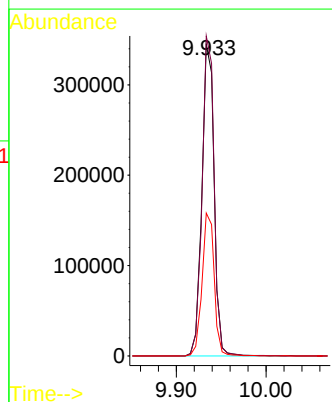
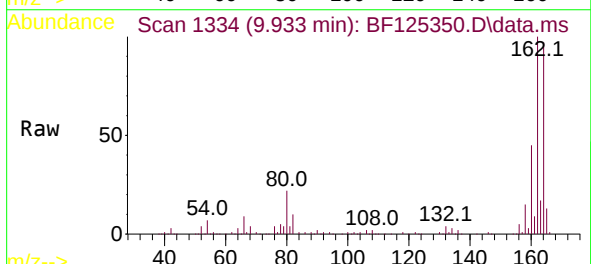


Tgt Ion: 82 Resp: 811224
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

Tgt Ion: 164 Resp: 326014
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 45.8 38.0 57.0

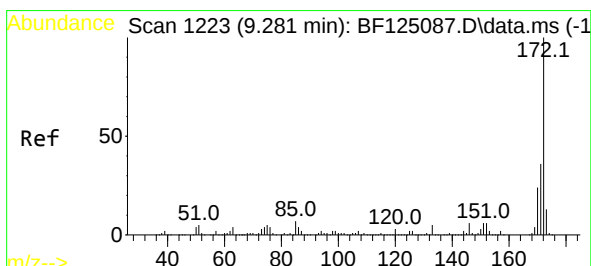
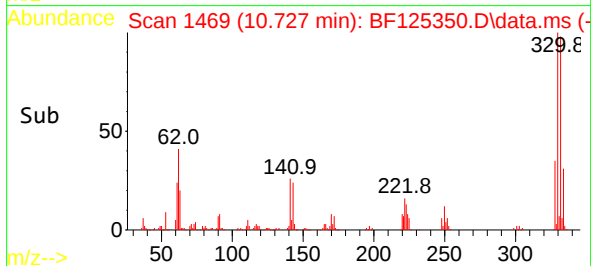
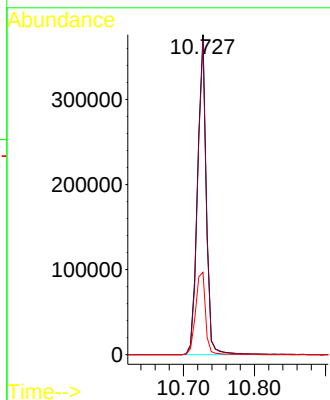
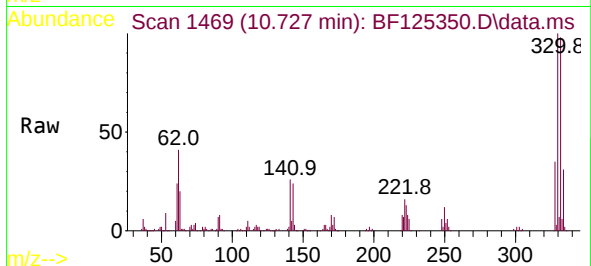




#42
2,4,6-Tribromophenol
Concen: 99.813 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

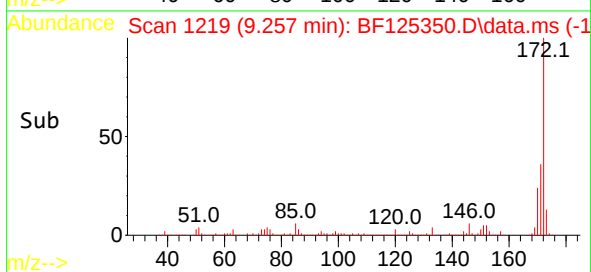
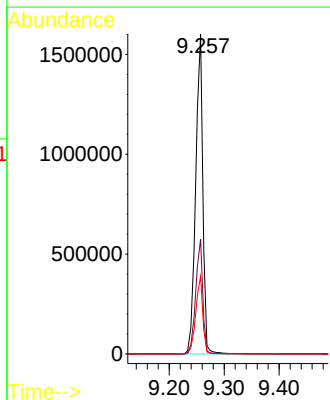
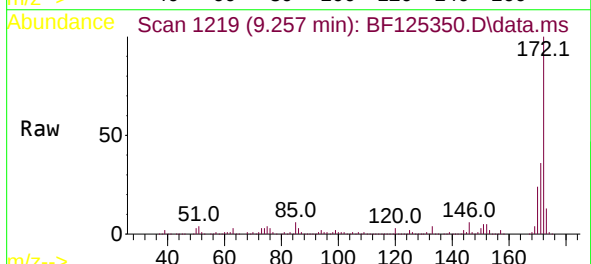
Instrument :
BNA_F
ClientSampleId :
3-4-FEEDER

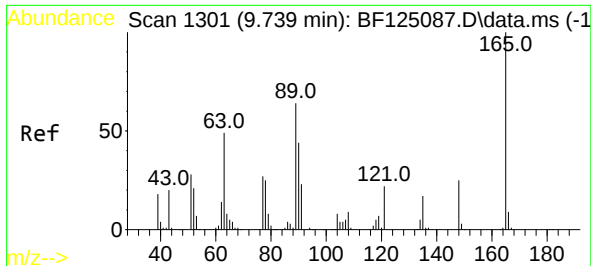
Tgt Ion:330 Resp: 324826
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 29.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.000 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

Tgt Ion:172 Resp: 1450272
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.2 18.8 28.2

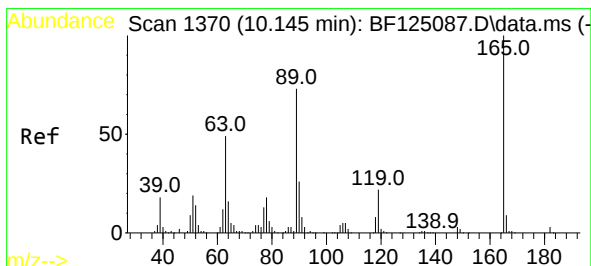
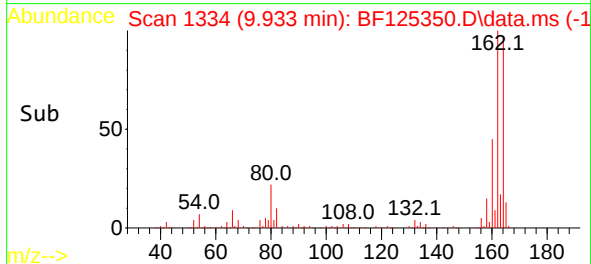
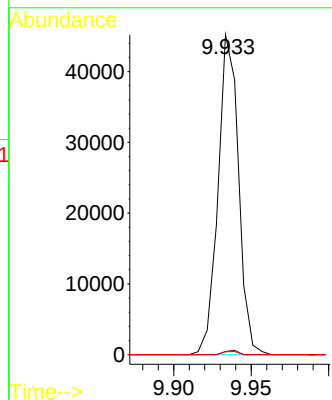
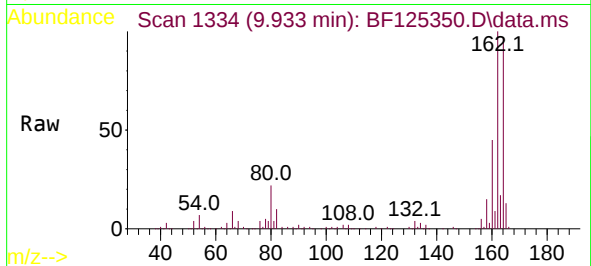




#51
2,6-Dinitrotoluene
Concen: 8.486 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

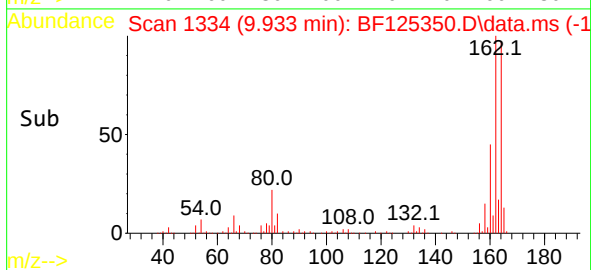
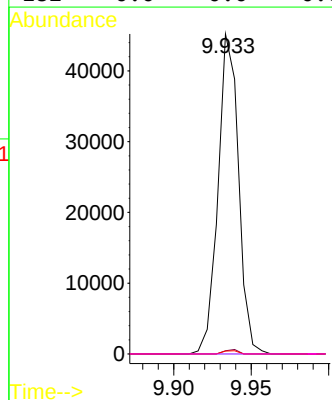
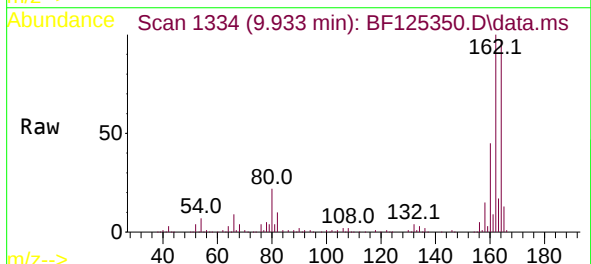
Instrument :
BNA_F
ClientSampleId :
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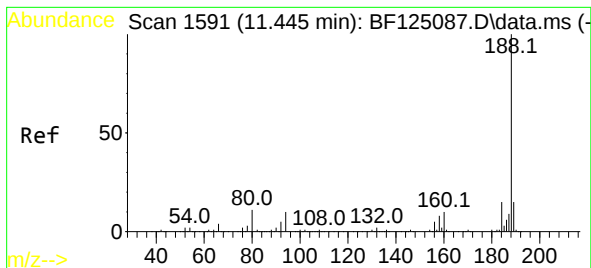
Tgt Ion:165 Resp: 41573
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.012 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

Tgt Ion:165 Resp: 41573
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

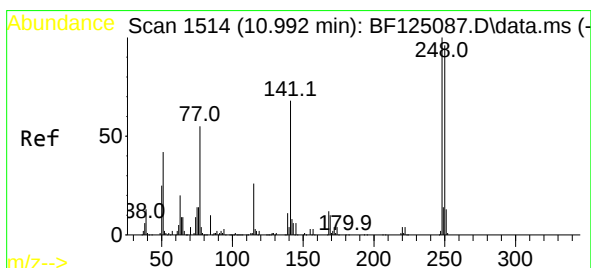
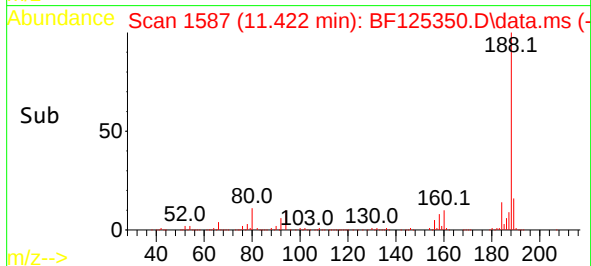
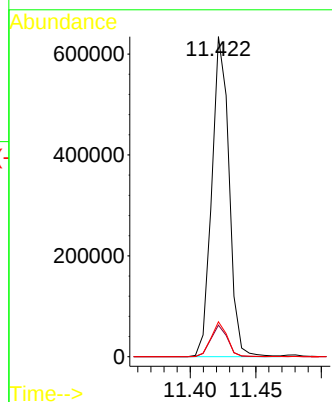
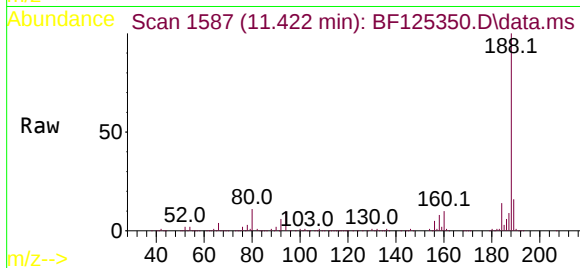




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

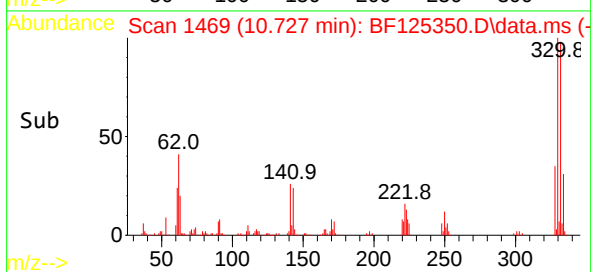
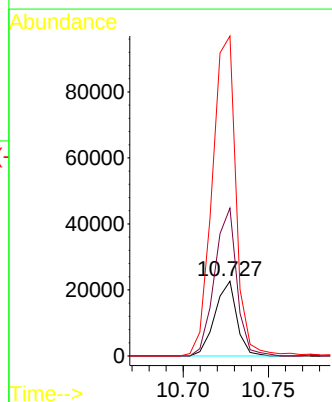
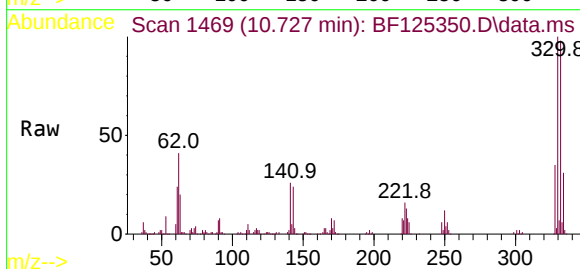
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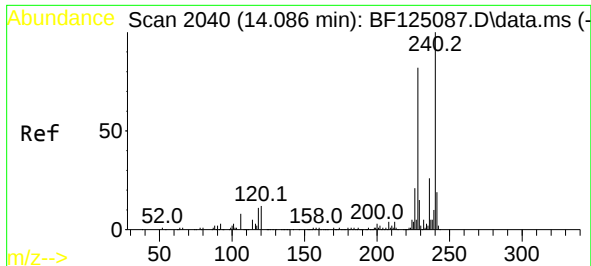
Tgt Ion:188 Resp: 580086
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 10.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.907 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

Tgt Ion:248 Resp: 20251
Ion Ratio Lower Upper
248 100
250 198.1 74.2 111.4#
141 428.7 60.4 90.6#

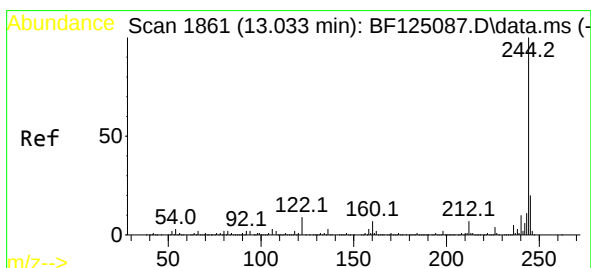
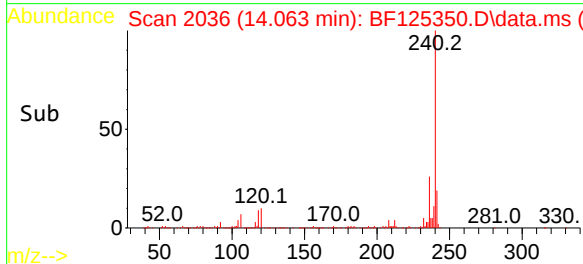
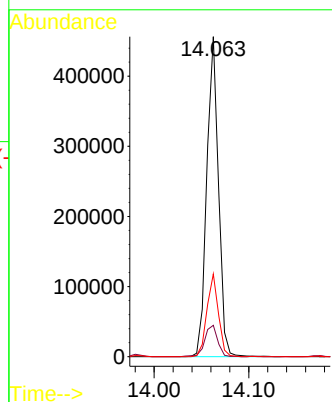
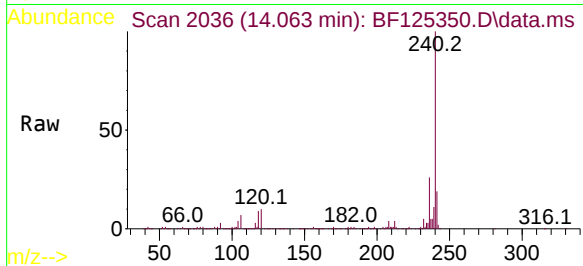




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

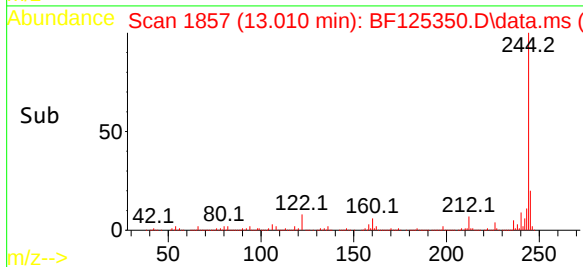
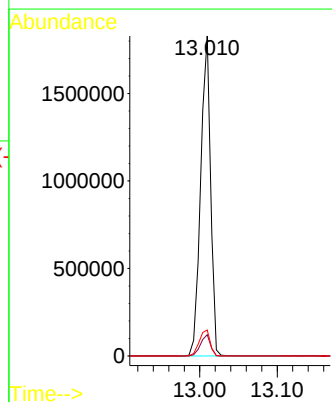
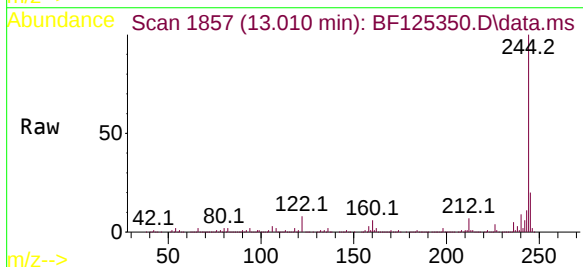
Instrument :
BNA_F
ClientSampleId :
3-4-FEEDER

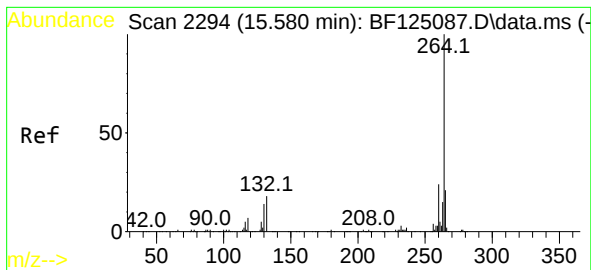
Tgt Ion:240 Resp: 391255
Ion Ratio Lower Upper
240 100
120 9.8 10.8 16.2#
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 66.260 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125350.D
Acq: 3 Sep 2021 17:08

Tgt Ion:244 Resp: 1627313
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.1 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: BF125350.D
 Acq: 3 Sep 2021 17:08

Instrument :
 BNA_F
 ClientSampleId :
 3-4-FEEDER

Tgt Ion:264 Resp: 320769

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.7	17.2	25.8

