

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125732.D
 Acq On : 30 Sep 2021 14:31
 Operator : JU/CG
 Sample : M3971-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-2

Quant Time: Sep 30 15:16:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

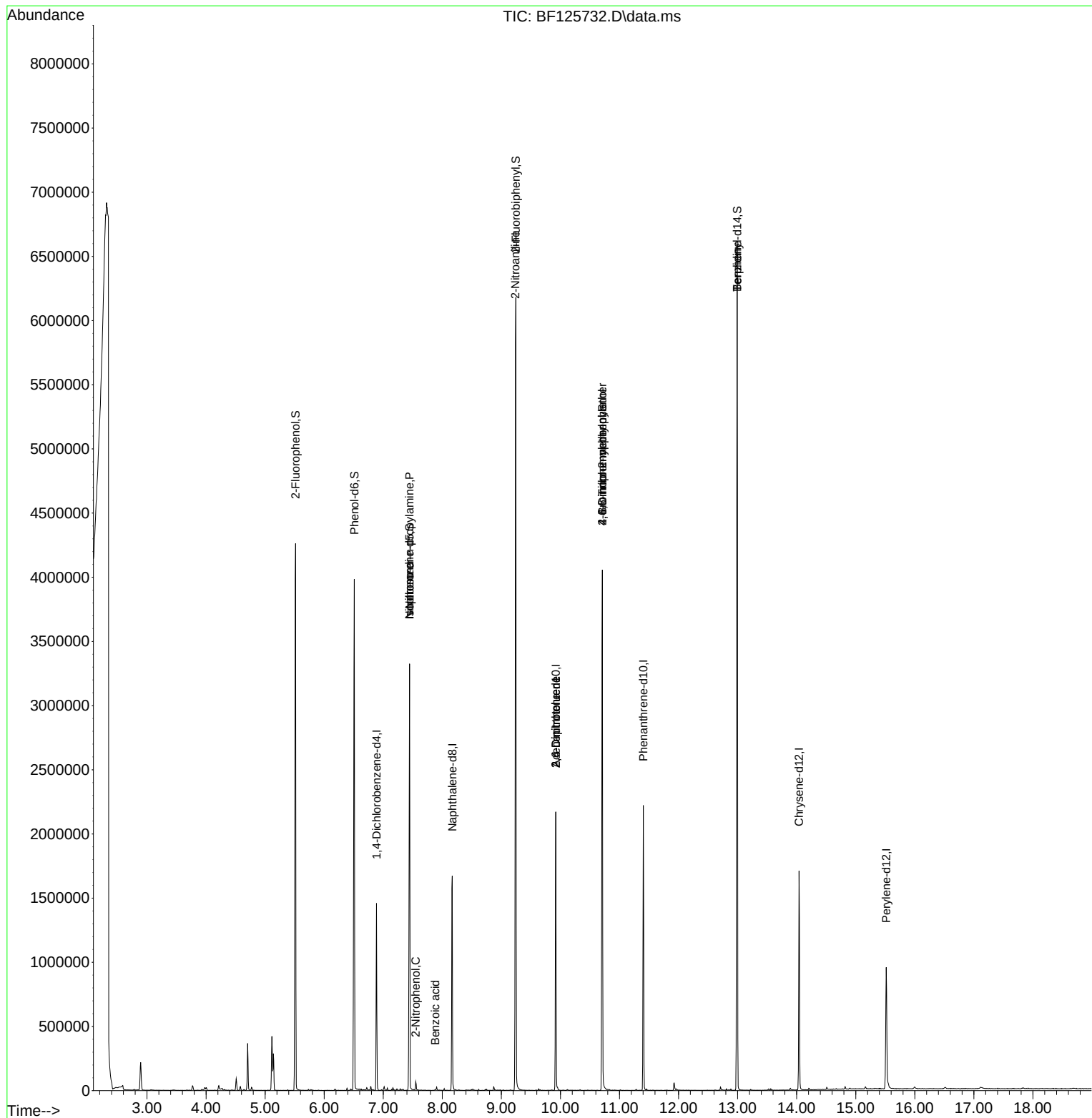
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	200364	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	819818	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	434618	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	769464	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	585095	20.000	ng	0.00
86) Perylene-d12	15.515	264	462756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1421860	116.918	ng	0.01
7) Phenol-d6	6.510	99	1553557	95.020	ng	0.00
23) Nitrobenzene-d5	7.445	82	1103312	93.870	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	558971	137.941	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2128896	88.577	ng	0.00
79) Terphenyl-d14	12.992	244	2455583	72.680	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	463	Below Cal		94
19) n-Nitroso-di-n-propyla...	7.445	70	136685	14.683	ng	# 51
25) Isophorone	7.445	82	1101430	41.843	ng	# 59
26) 2-Nitrophenol	7.551	139	895	5.859	ng	# 39
32) Benzoic acid	7.880	122	909	8.715	ng	90
48) 2-Nitroaniline	9.239	65	2895	4.580	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	54747	12.508	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	54747	11.425	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.710	198	1023	9.235	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	31338	3.881	ng	# 1
77) Benzidine	12.992	184	31673	2.061	ng	# 93

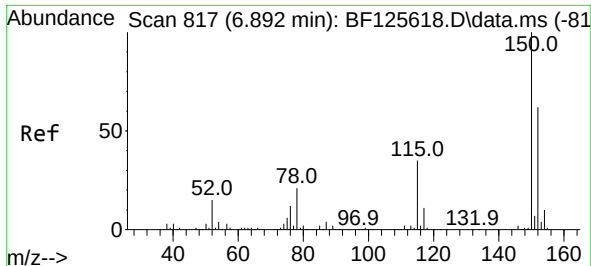
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
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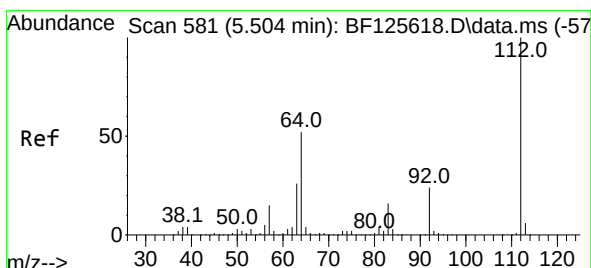
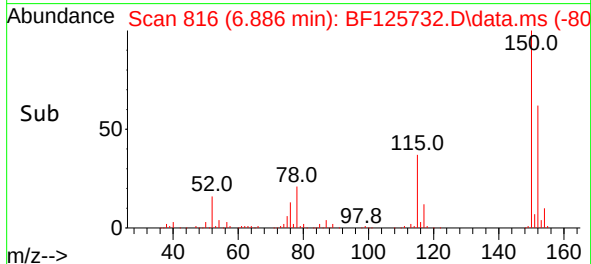
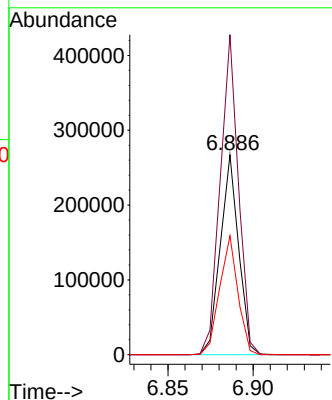
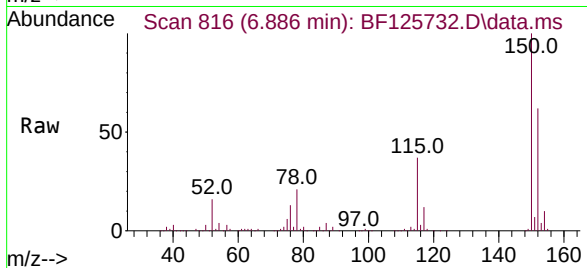




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

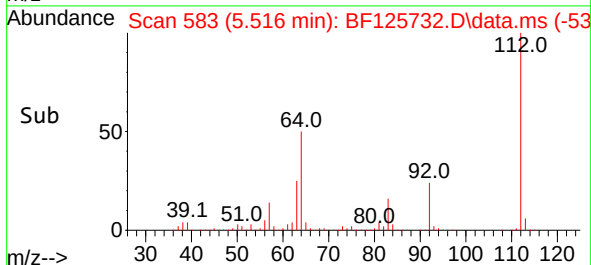
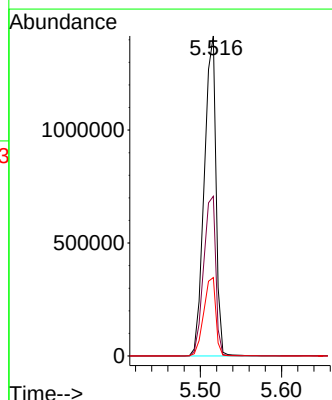
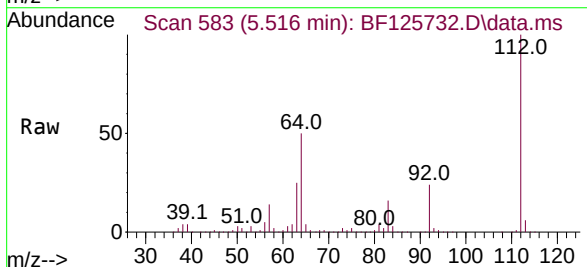
Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

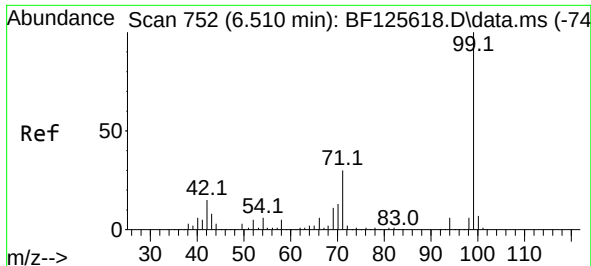
Tgt Ion:152 Resp: 200364
Ion Ratio Lower Upper
152 100
150 160.1 117.6 176.4
115 59.5 47.1 70.7



#5
2-Fluorophenol
Concen: 116.918 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Tgt Ion:112 Resp: 1421860
Ion Ratio Lower Upper
112 100
64 49.9 44.2 66.2
63 24.5 26.2 39.2#

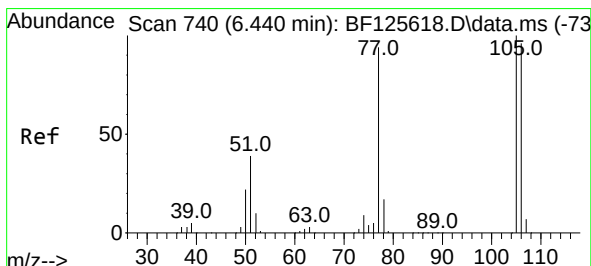
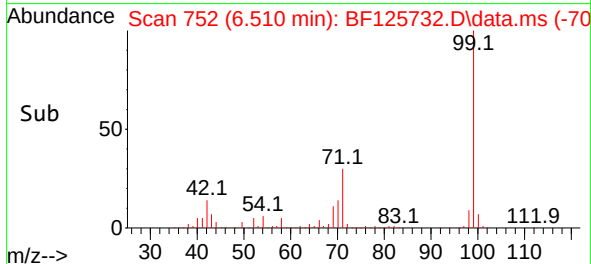
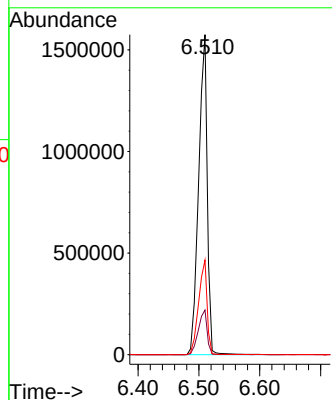
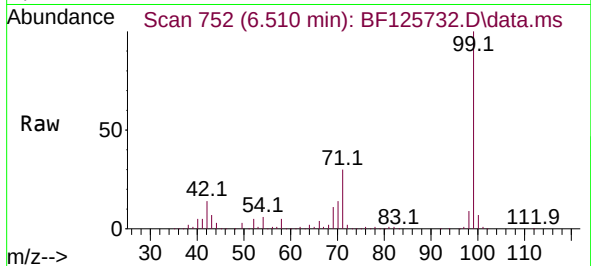




#7
Phenol-d6
Concen: 95.020 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

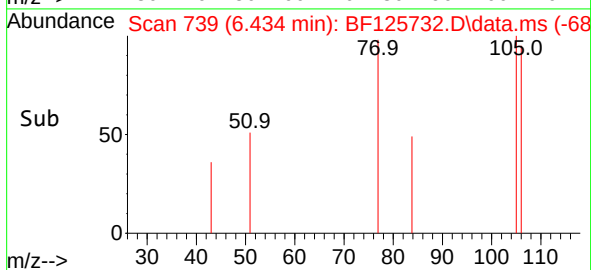
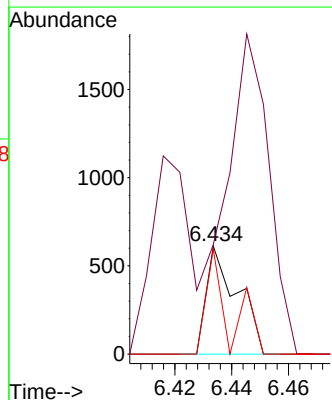
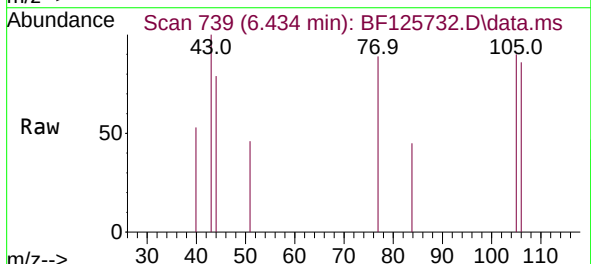
Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

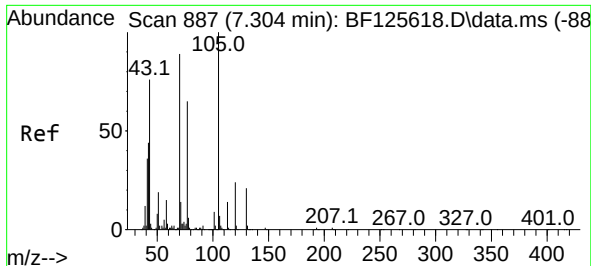
Tgt Ion: 99 Resp: 1553557
Ion Ratio Lower Upper
99 100
42 14.0 23.5 35.3#
71 29.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

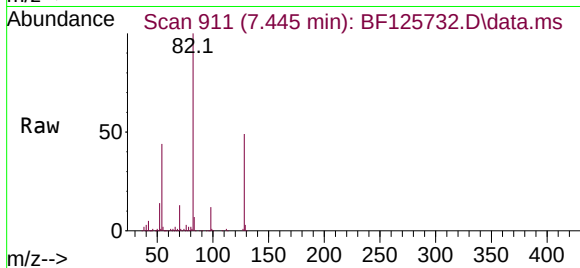
Tgt Ion: 77 Resp: 463
Ion Ratio Lower Upper
77 100
105 101.6 75.9 115.9
106 97.1 84.0 124.0



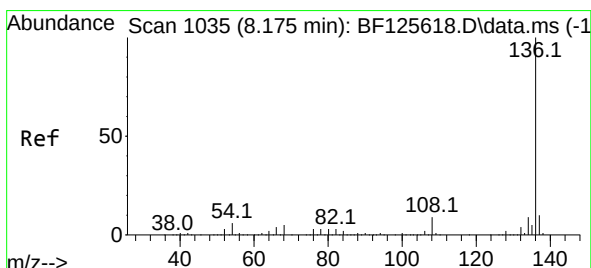
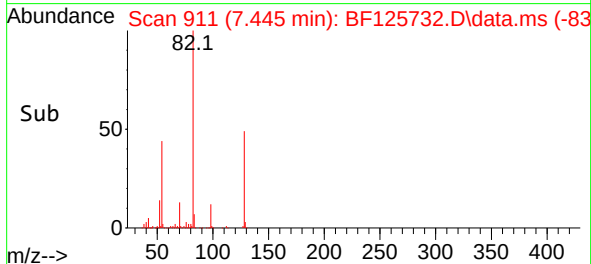
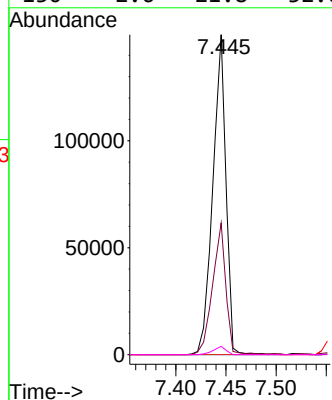


#19
n-Nitroso-di-n-propylamine
Concen: 14.683 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

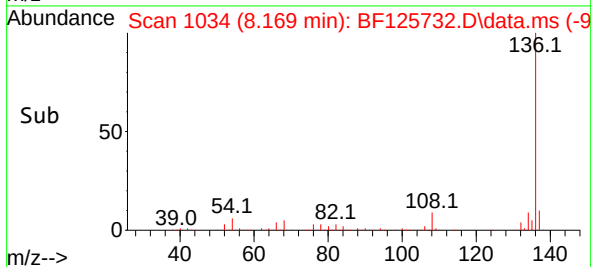
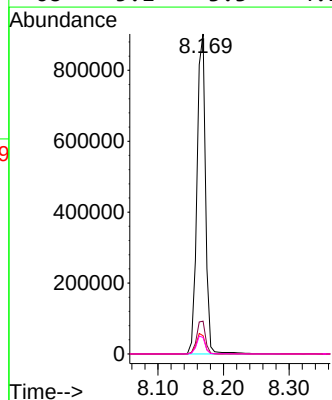
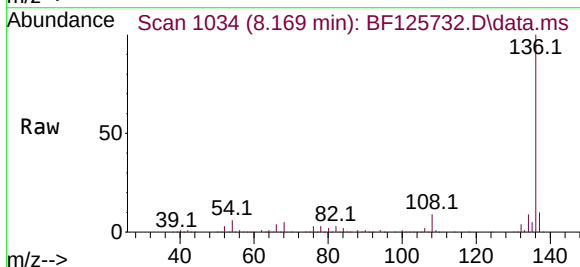


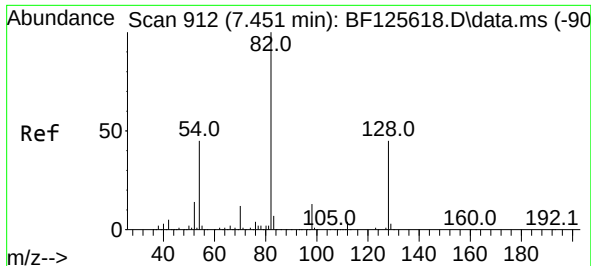
Tgt Ion: 70 Resp: 136685
Ion Ratio Lower Upper
70 100
42 41.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Tgt Ion: 136 Resp: 819818
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 5.7 6.4 9.6#
68 5.1 3.3 4.9#

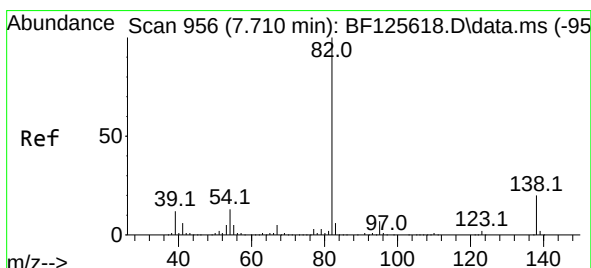
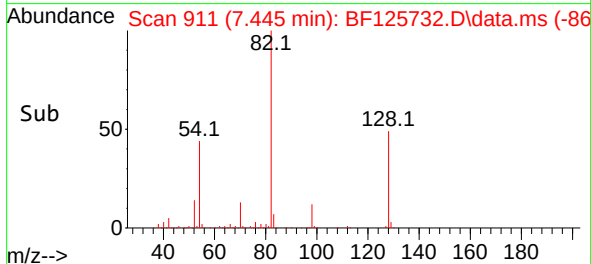
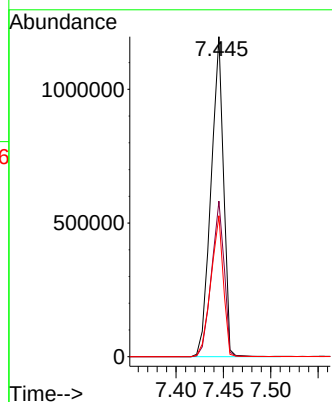
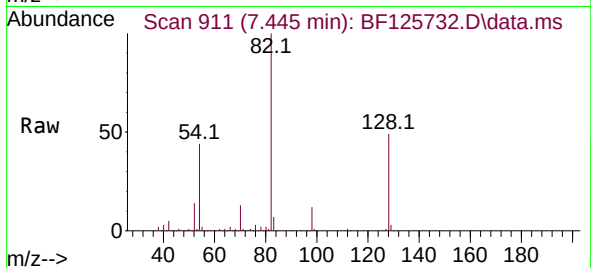




#23
Nitrobenzene-d5
Concen: 93.870 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

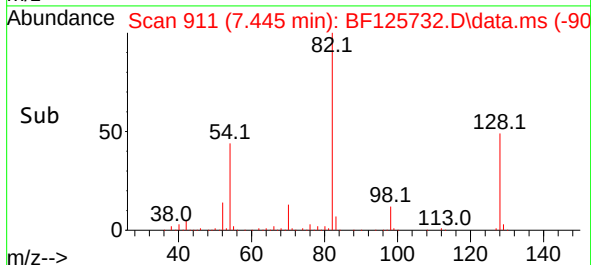
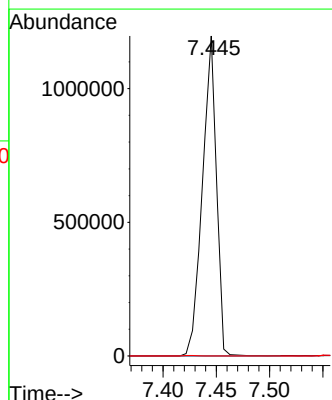
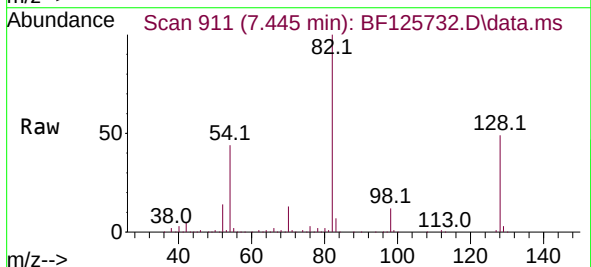
Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

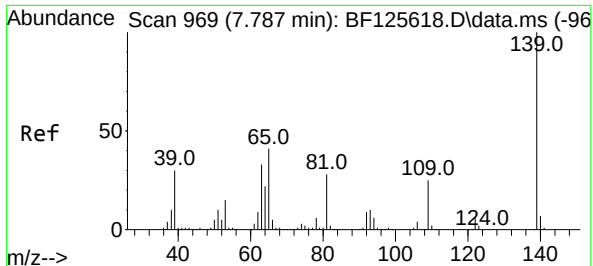
Tgt Ion: 82 Resp: 1103312
Ion Ratio Lower Upper
82 100
128 48.6 40.6 60.8
54 44.0 49.6 74.4#



#25
Isophorone
Concen: 41.843 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Tgt Ion: 82 Resp: 1101430
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

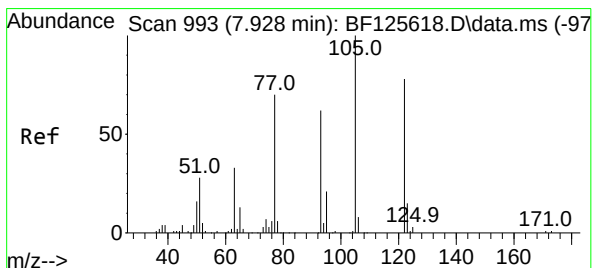
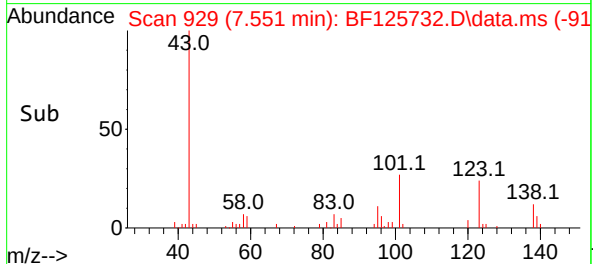
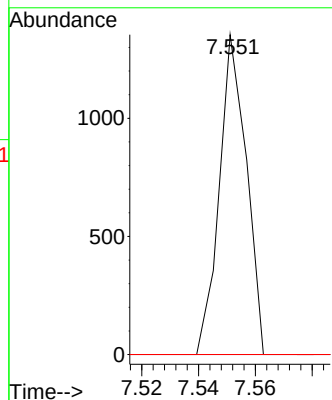
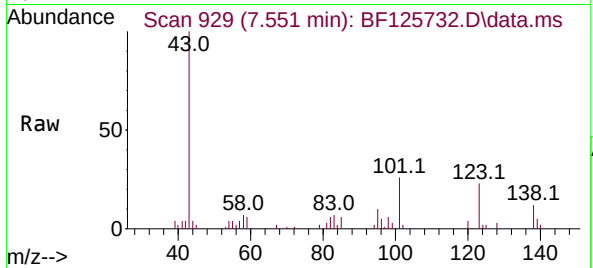




#26
2-Nitrophenol
Concen: 5.859 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.236 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

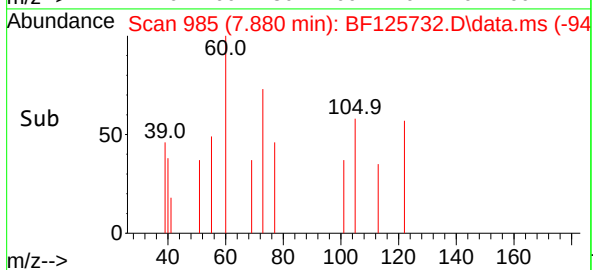
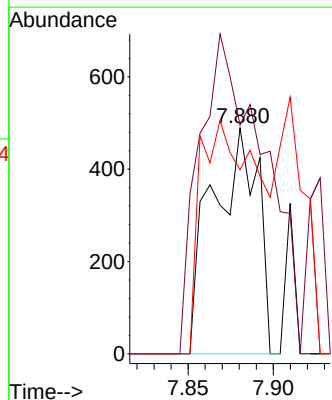
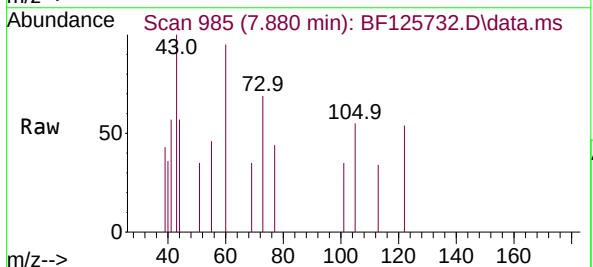
Instrument :
BNA_F
ClientSampleId :
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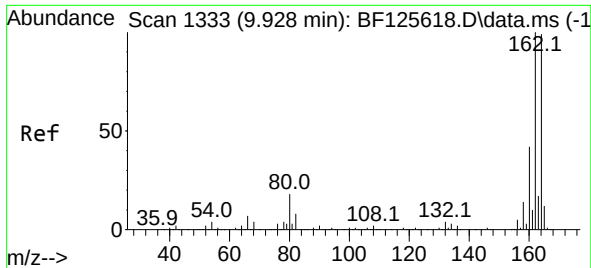
Tgt Ion:139 Resp: 895
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 0.0 31.0 46.4#



#32
Benzoic acid
Concen: 8.715 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.048 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Tgt Ion:122 Resp: 909
Ion Ratio Lower Upper
122 100
105 101.4 97.6 137.6
77 81.6 59.6 99.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF125732.D

Acq: 30 Sep 2021 14:31

Instrument :

BNA_F

ClientSampleId :

RO-COMP-2

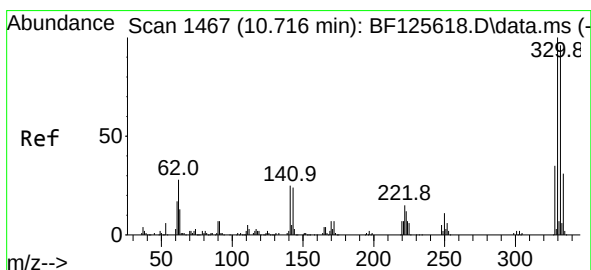
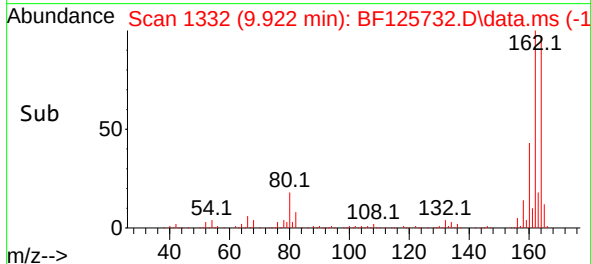
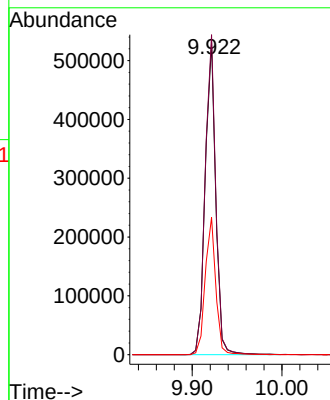
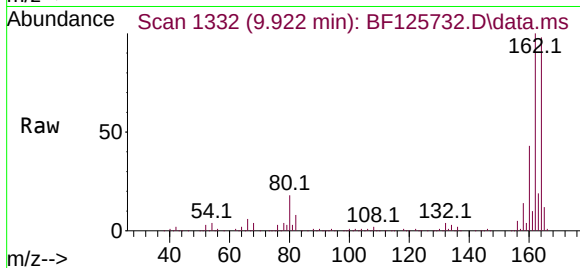
Tgt Ion:164 Resp: 434618

Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

160 44.0 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 137.941 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF125732.D

Acq: 30 Sep 2021 14:31

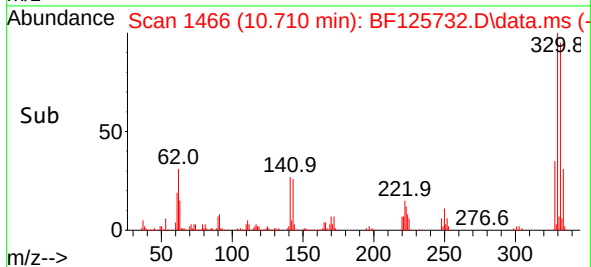
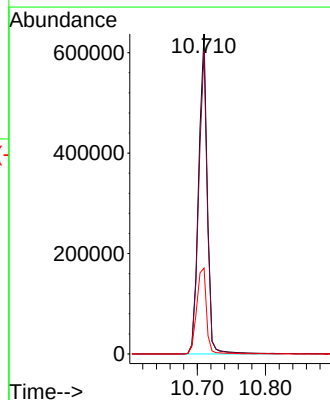
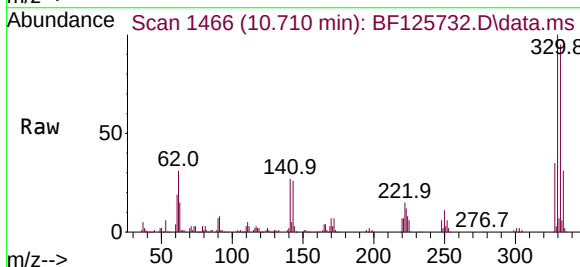
Tgt Ion:330 Resp: 558971

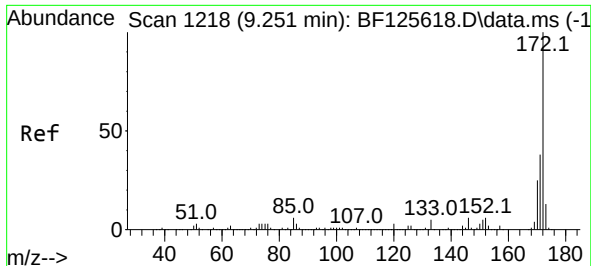
Ion Ratio Lower Upper

330 100

332 94.0 76.2 114.4

141 30.5 44.6 66.8#

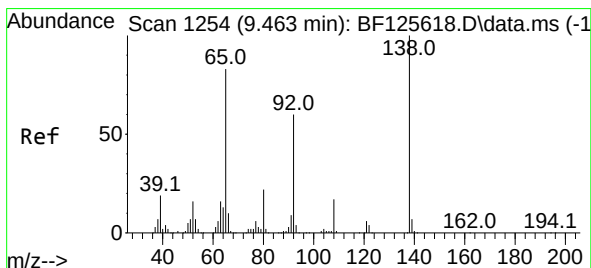
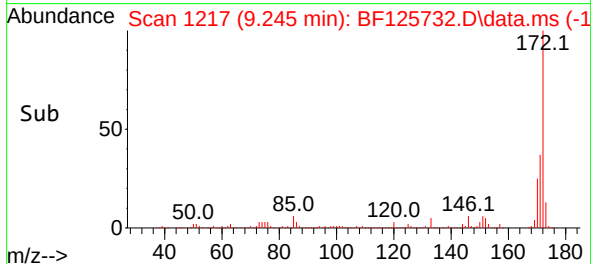
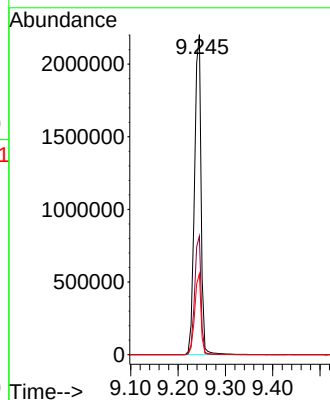
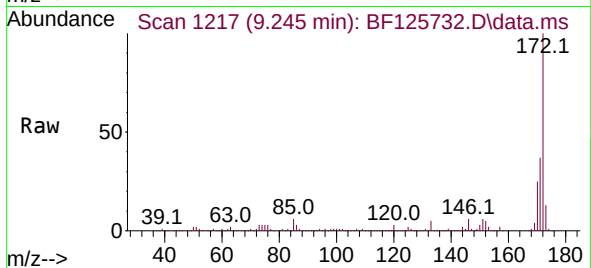




#45
2-Fluorobiphenyl
Concen: 88.577 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

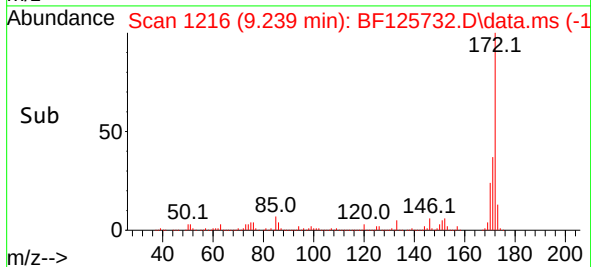
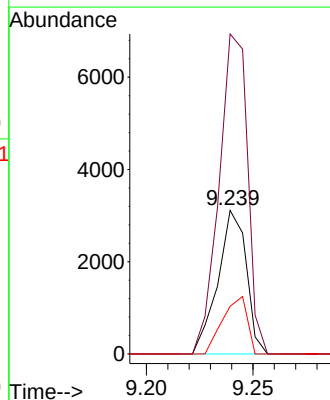
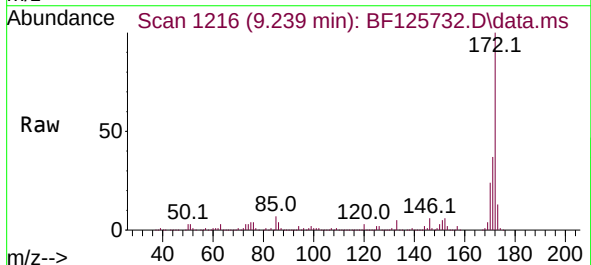
Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

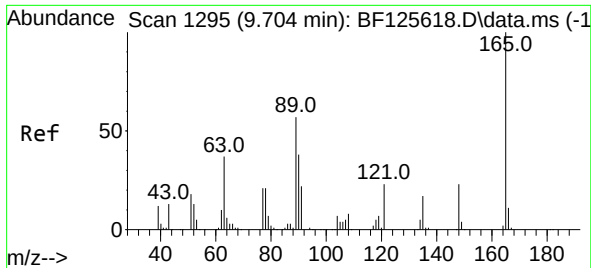
Tgt Ion:172 Resp: 2128896
Ion Ratio Lower Upper
172 100
171 37.1 26.5 39.7
170 25.2 18.8 28.2



#48
2-Nitroaniline
Concen: 4.580 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Tgt Ion: 65 Resp: 2895
Ion Ratio Lower Upper
65 100
92 222.9 55.5 83.3#
138 33.2 93.5 140.3#

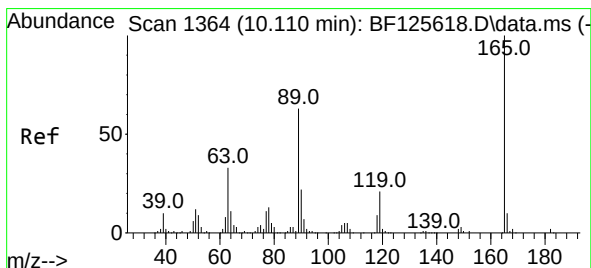
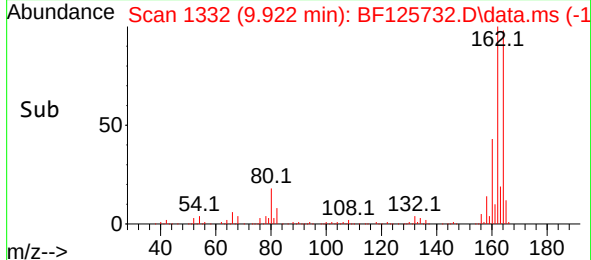
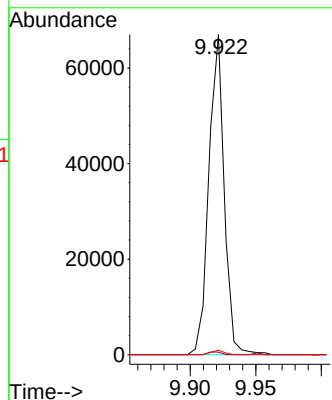
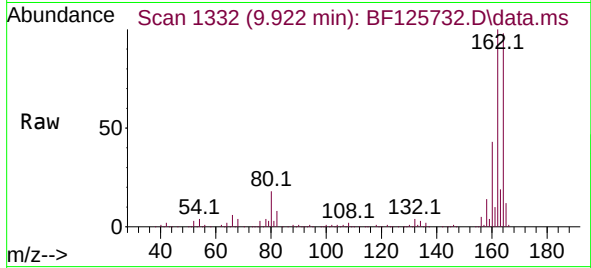




#51
2,6-Dinitrotoluene
Concen: 12.508 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

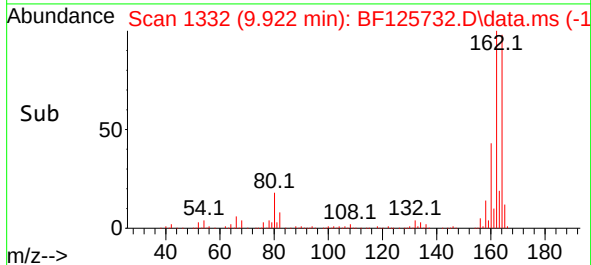
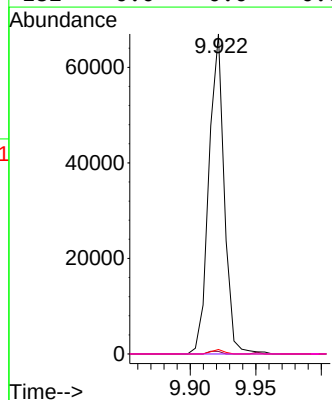
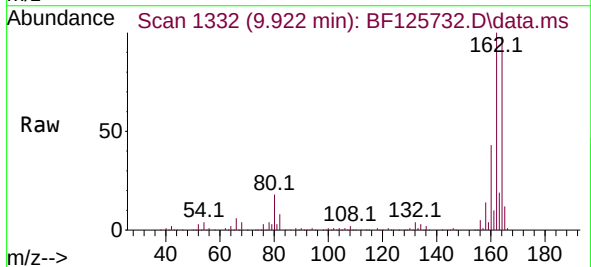
Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

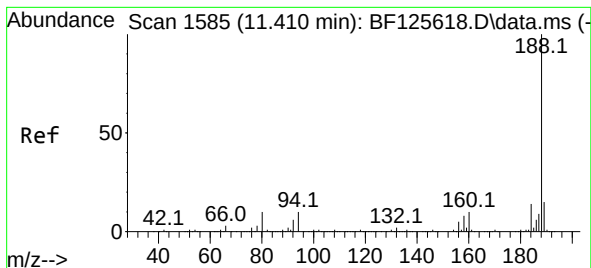
Tgt Ion:165 Resp: 54747
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.425 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Tgt Ion:165 Resp: 54747
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

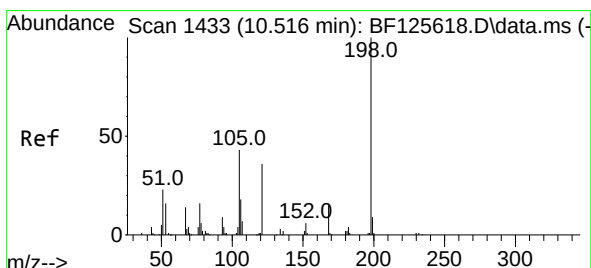
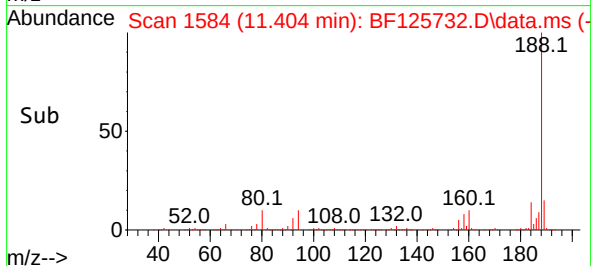
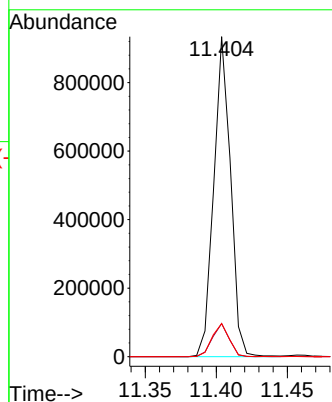
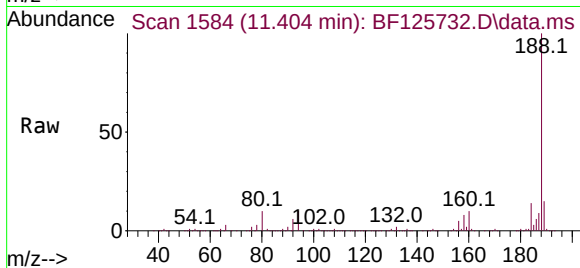




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

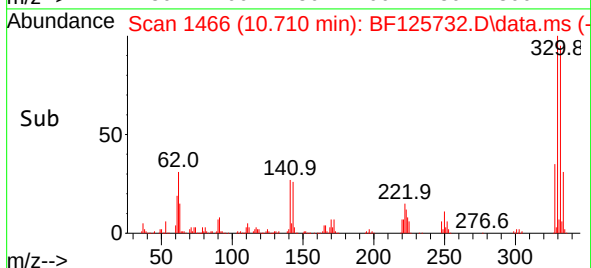
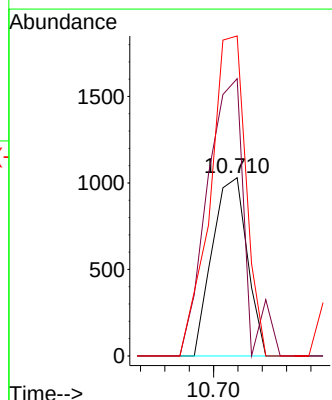
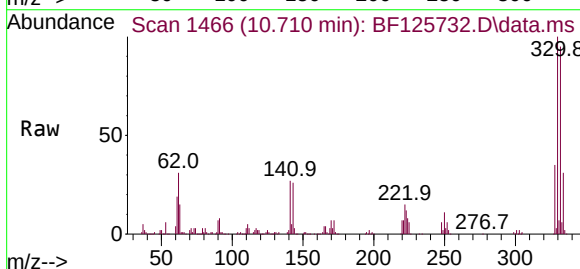
Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

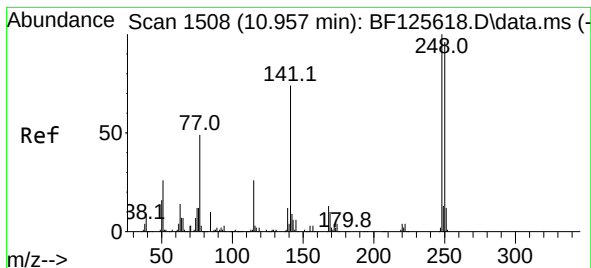
Tgt Ion:188 Resp: 769464
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 10.4 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.235 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Tgt Ion:198 Resp: 1023
Ion Ratio Lower Upper
198 100
51 155.6 45.3 85.3#
105 179.6 30.6 70.6#

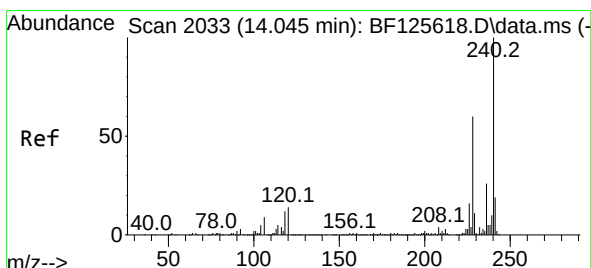
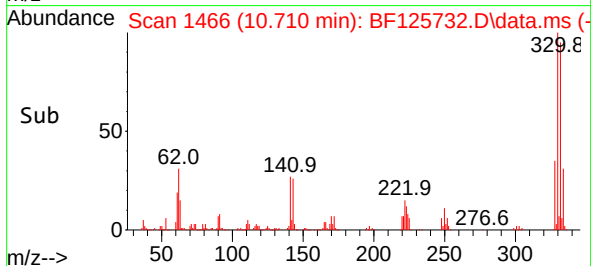
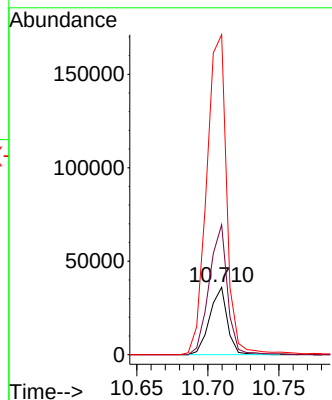
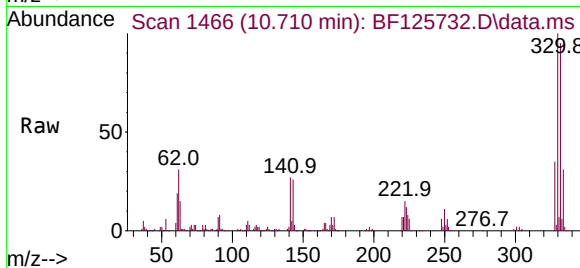




#67
4-Bromophenyl-phenylether
Concen: 3.881 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

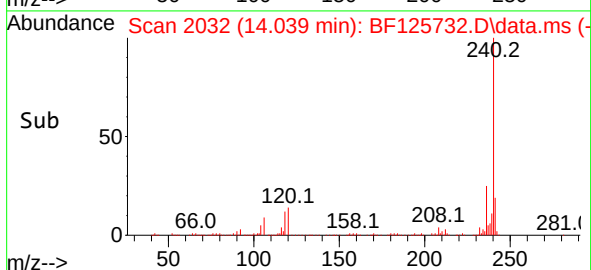
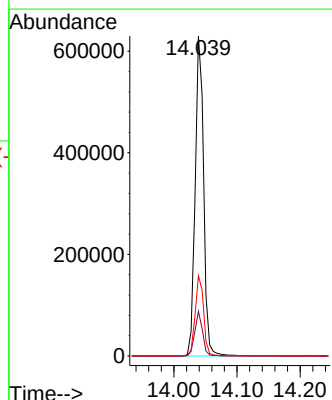
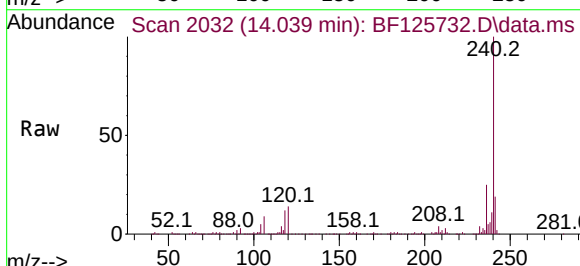
Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

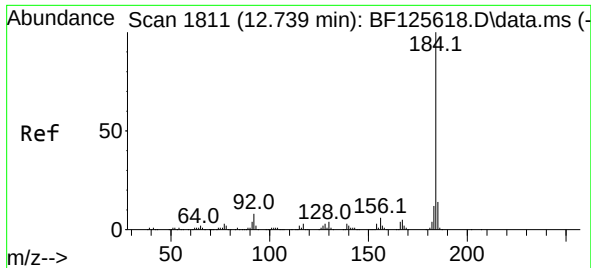
Tgt Ion:248 Resp: 31338
Ion Ratio Lower Upper
248 100
250 192.7 74.2 111.4#
141 474.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Tgt Ion:240 Resp: 585095
Ion Ratio Lower Upper
240 100
120 13.9 10.8 16.2
236 25.0 21.6 32.4

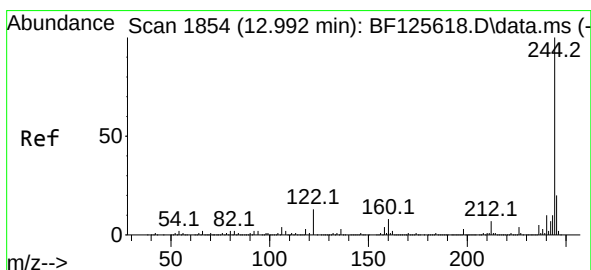
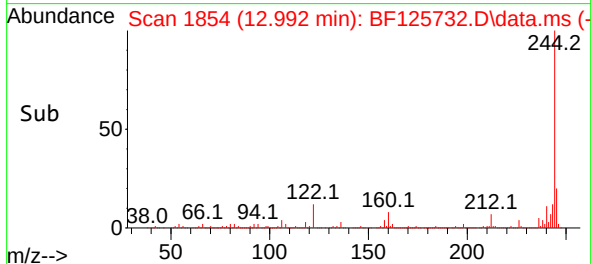
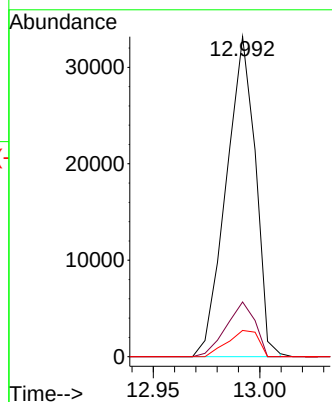
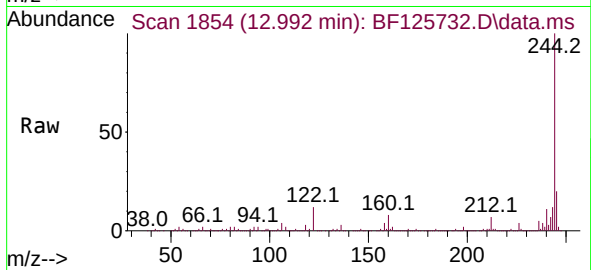




#77
Benzidine
Concen: 2.061 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

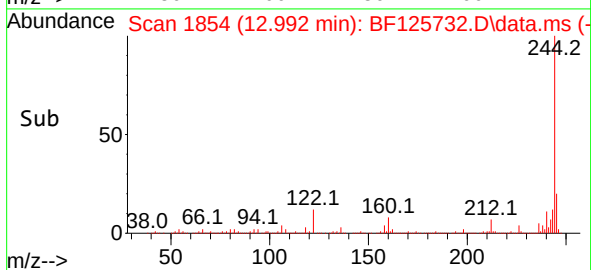
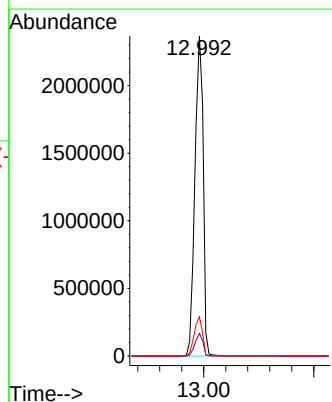
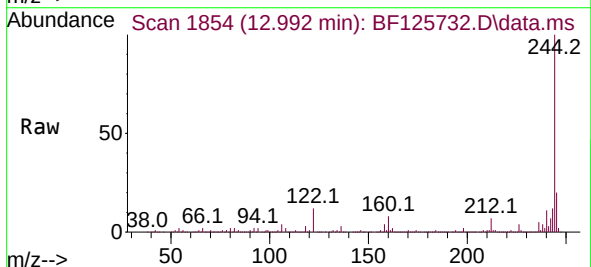
Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

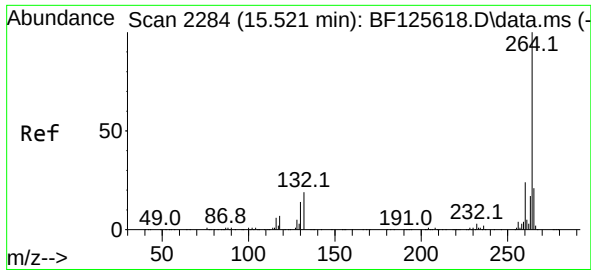
Tgt Ion:184 Resp: 31673
Ion Ratio Lower Upper
184 100
185 17.1 10.8 16.2#
183 8.2 8.1 12.1



#79
Terphenyl-d14
Concen: 72.680 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Tgt Ion:244 Resp: 2455583
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.2 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:264 Resp: 462756

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.1	17.2	25.8

