

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125697.D
 Acq On : 28 Sep 2021 19:39
 Operator : JU/CG
 Sample : M3953-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P287-DITCH

Quant Time: Sep 29 02:20:50 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)

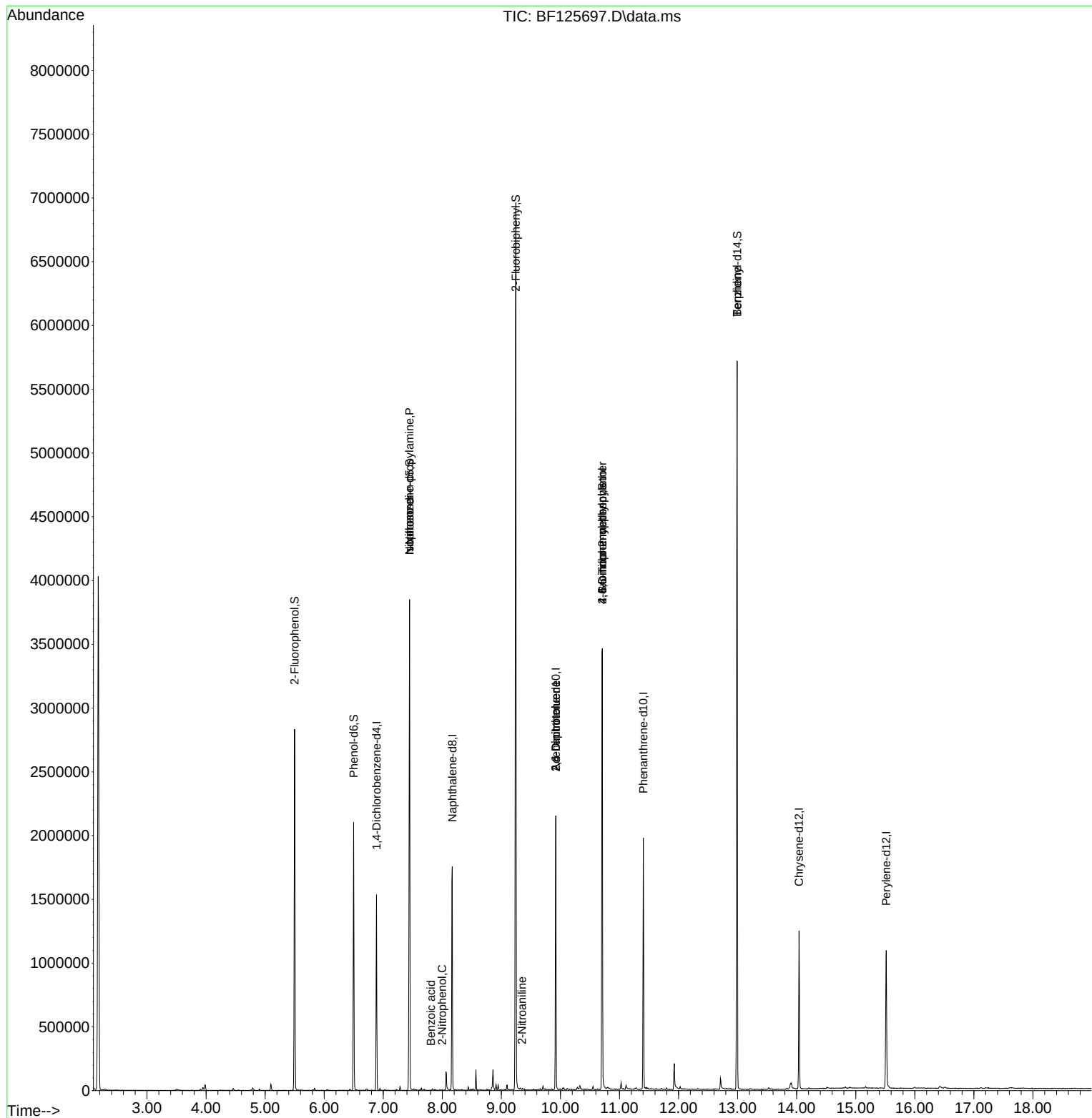
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	210047	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	829072	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	410595	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	650802	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	387601	20.000	ng	0.00
86) Perylene-d12	15.515	264	448614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	867078	68.012	ng	0.00
7) Phenol-d6	6.498	99	653647	38.136	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1264646	106.395	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	495207	129.356	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2266083	101.813	ng	0.00
79) Terphenyl-d14	12.992	244	1968137	87.934	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	294	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	7.445	70	157823	16.172	ng	# 51
25) Isophorone	7.445	82	1263039	47.447	ng	# 59
26) 2-Nitrophenol	7.998	139	291	5.774	ng	# 39
32) Benzoic acid	7.810	122	120	8.639	ng	# 1
48) 2-Nitroaniline	9.351	65	109	4.174	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	51521	12.476	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	51521	11.400	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	980	9.264	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	27096	3.967	ng	# 1
77) Benzidine	12.992	184	25119	2.467	ng	97

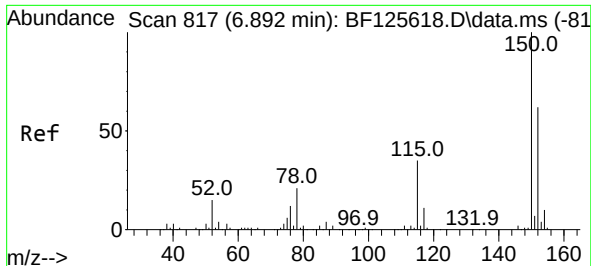
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125697.D
Acq On : 28 Sep 2021 19:39
Operator : JU/CG
Sample : M3953-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P287-DITCH

Quant Time: Sep 29 02:20:50 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

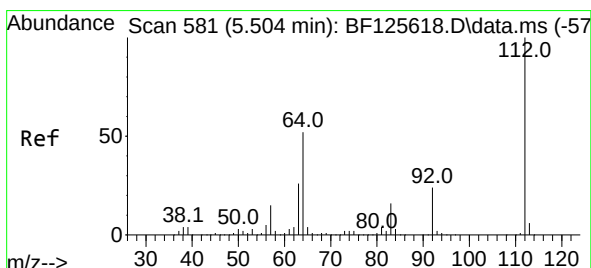
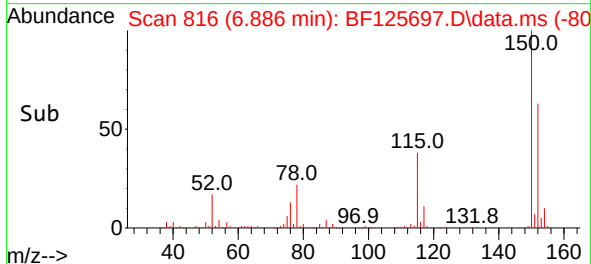
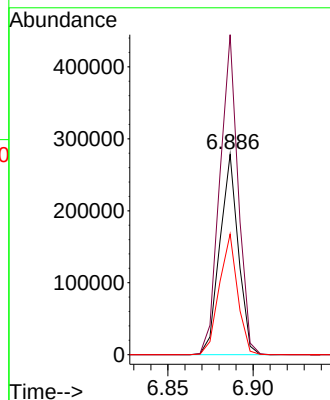
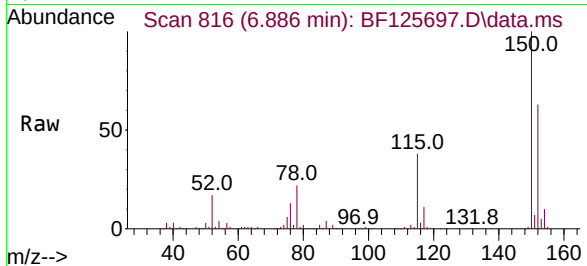




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

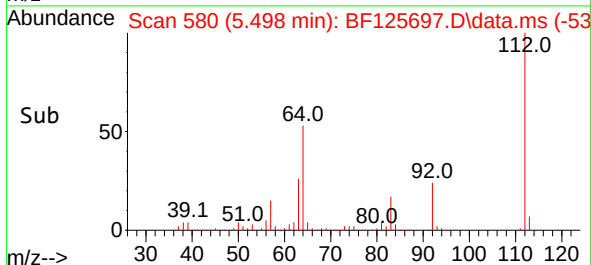
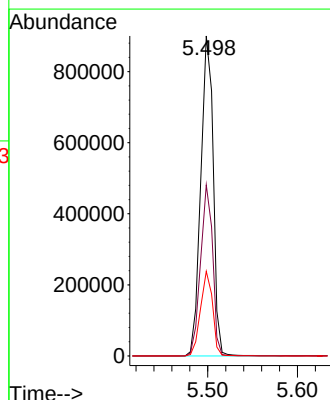
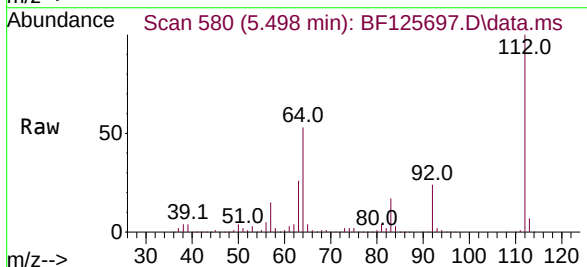
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

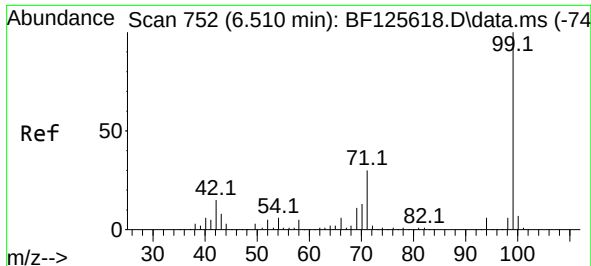
Tgt Ion:152 Resp: 210047
Ion Ratio Lower Upper
152 100
150 159.7 117.6 176.4
115 60.2 47.1 70.7



#5
2-Fluorophenol
Concen: 68.012 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

Tgt Ion:112 Resp: 867078
Ion Ratio Lower Upper
112 100
64 53.4 44.2 66.2
63 26.4 26.2 39.2

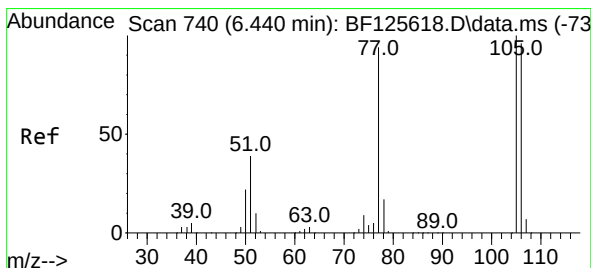
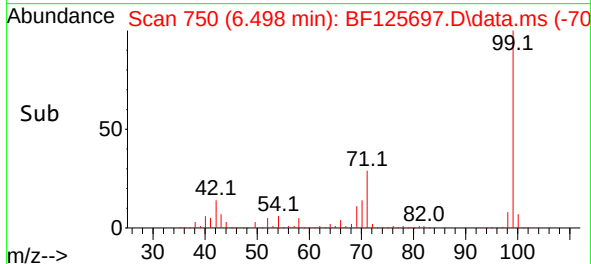
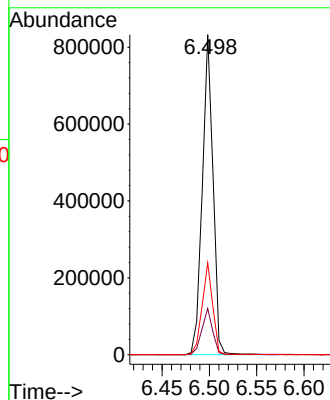
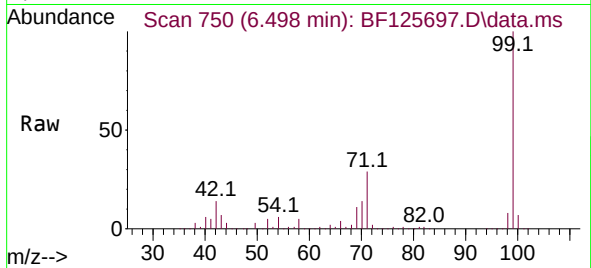




#7
Phenol-d6
Concen: 38.136 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

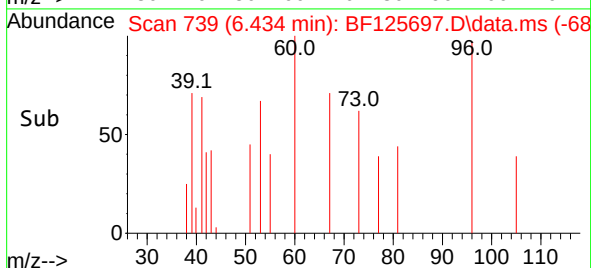
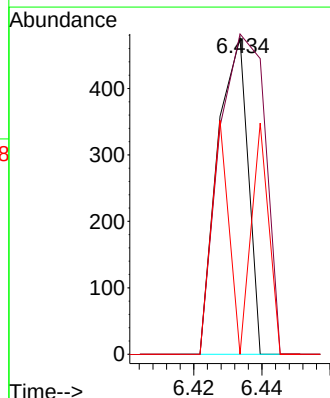
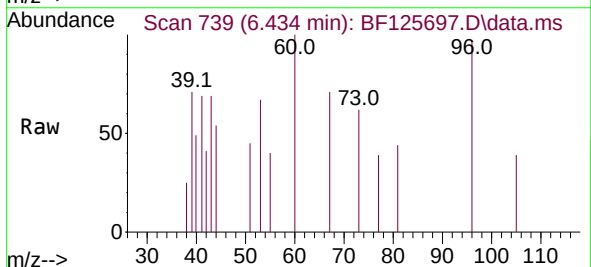
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

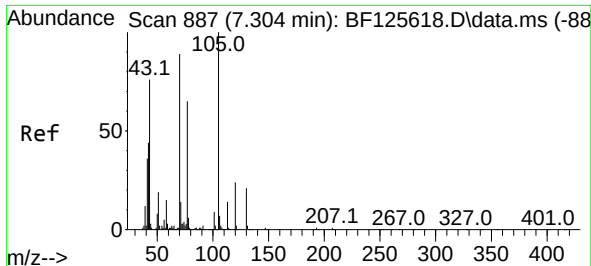
Tgt Ion: 99 Resp: 653647
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 28.7 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

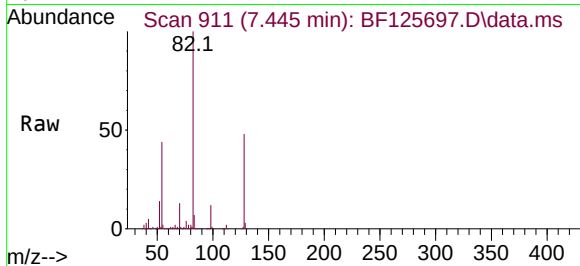
Tgt Ion: 77 Resp: 294
Ion Ratio Lower Upper
77 100
105 101.3 75.9 115.9
106 0.0 84.0 124.0#



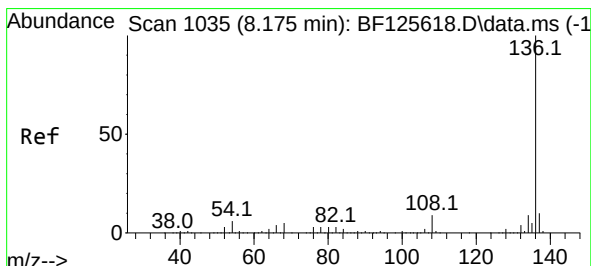
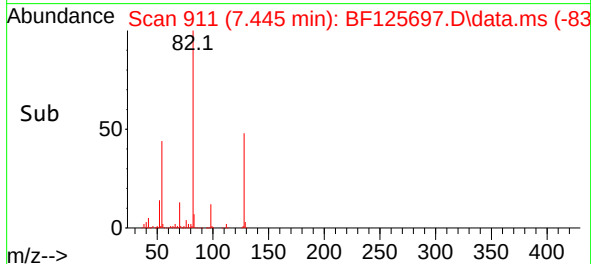
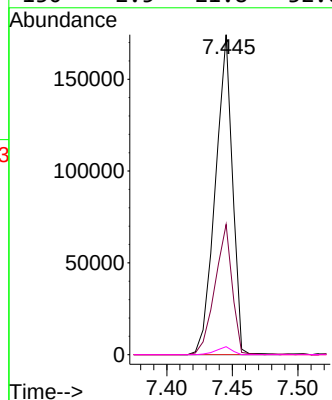


#19
n-Nitroso-di-n-propylamine
Concen: 16.172 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

Instrument :
BNA_F
ClientSampleId :
P287-DITCH

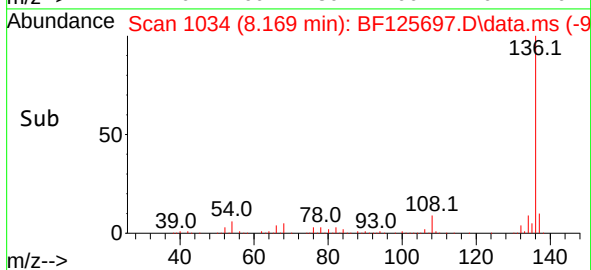
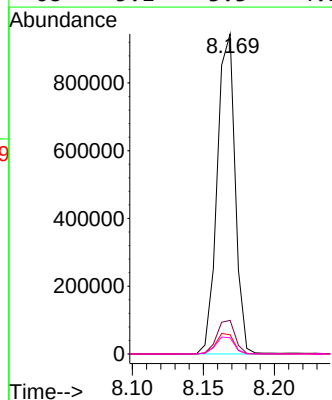
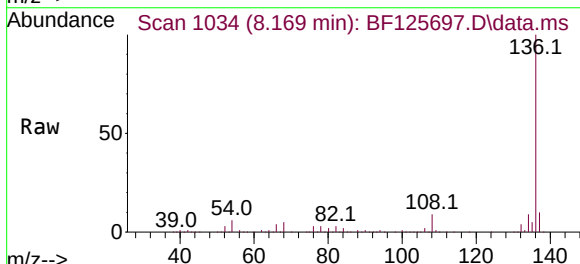


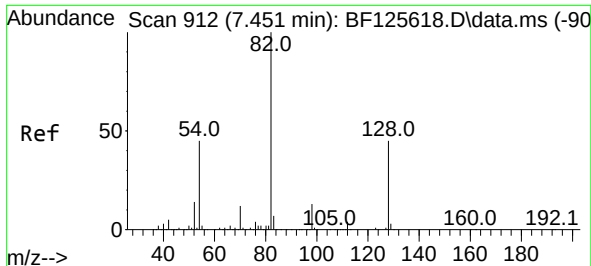
Tgt Ion: 70 Resp: 157823
Ion Ratio Lower Upper
70 100
42 40.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

Tgt Ion: 136 Resp: 829072
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.0 6.4 9.6#
68 5.1 3.3 4.9#

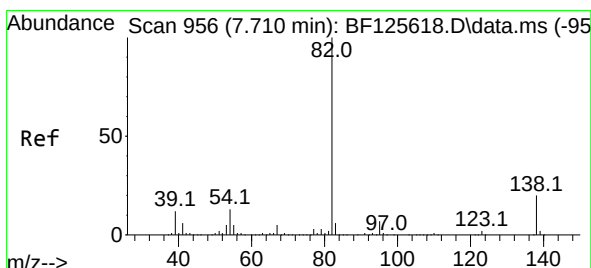
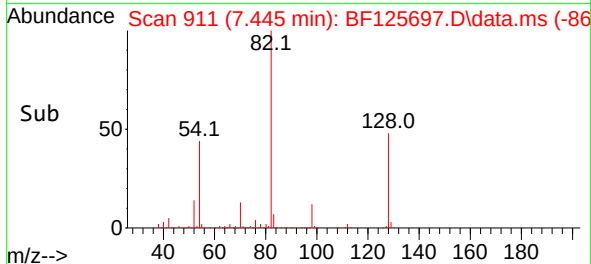
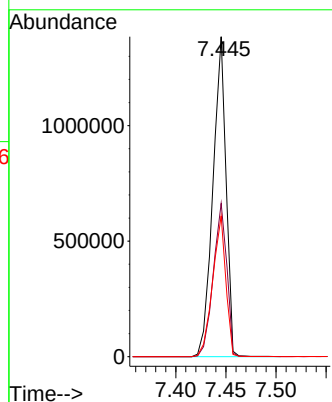
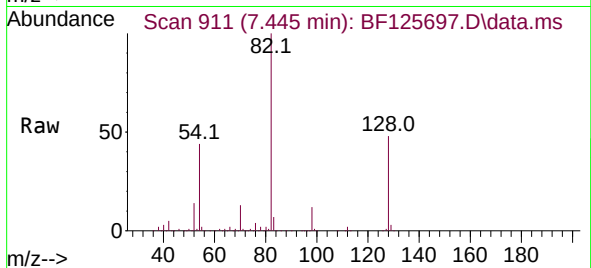




#23
Nitrobenzene-d5
Concen: 106.395 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

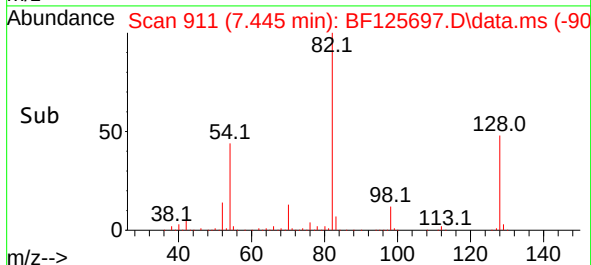
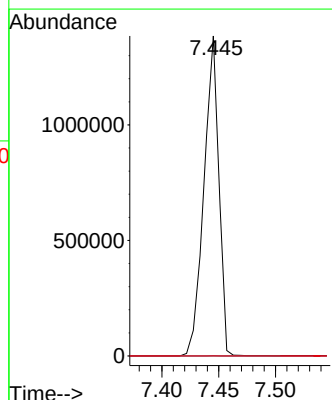
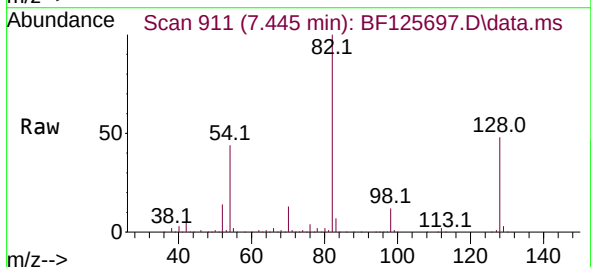
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

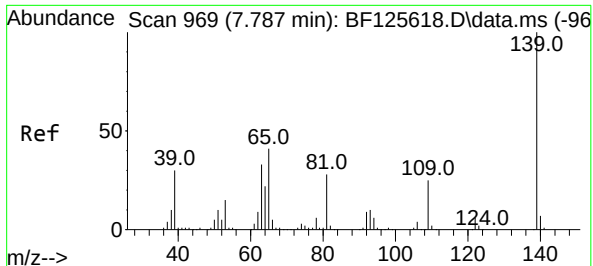
Tgt Ion: 82 Resp: 1264646
Ion Ratio Lower Upper
82 100
128 47.9 40.6 60.8
54 43.9 49.6 74.4#



#25
Isophorone
Concen: 47.447 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

Tgt Ion: 82 Resp: 1263039
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

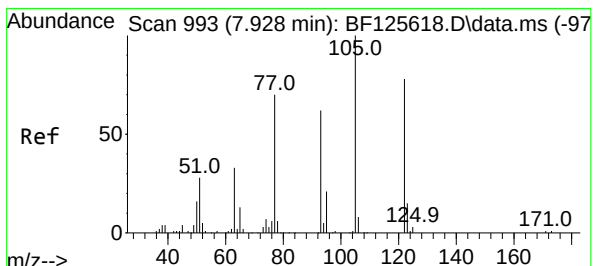
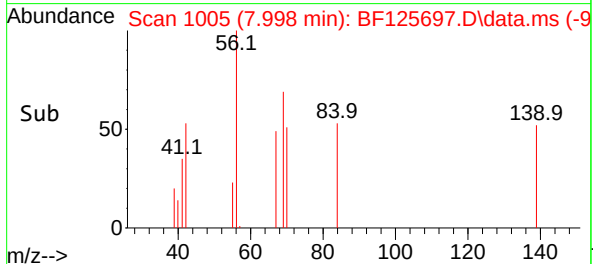
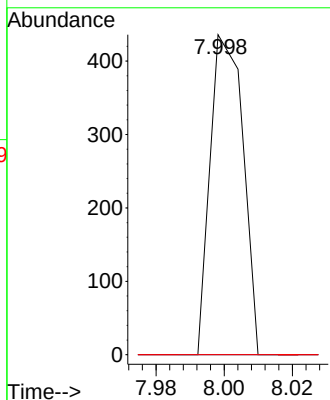
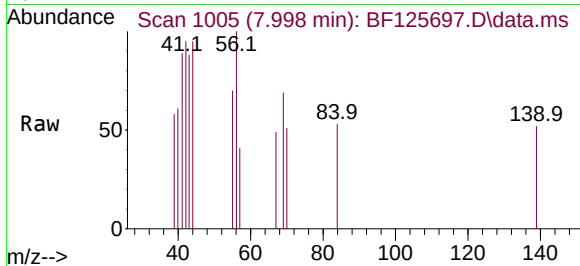




#26
2-Nitrophenol
Concen: 5.774 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.211 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

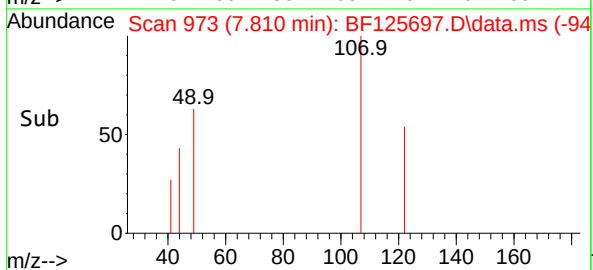
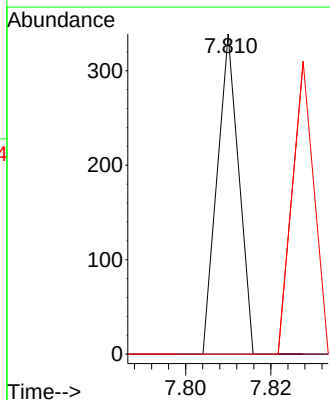
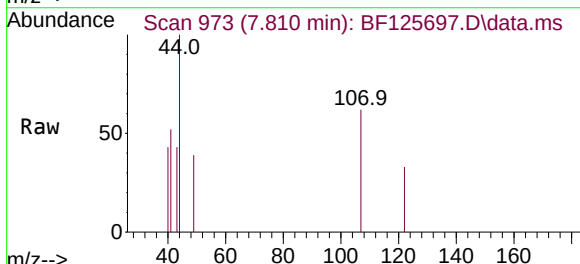
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

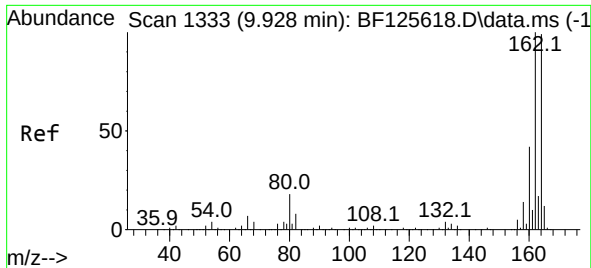
Tgt Ion:	139	Resp:	291
Ion	Ratio	Lower	Upper
139	100		
109	0.0	26.0	39.0#
65	0.0	31.0	46.4#



#32
Benzoic acid
Concen: 8.639 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.118 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

Tgt Ion:	122	Resp:	120
Ion	Ratio	Lower	Upper
122	100		
105	0.0	97.6	137.6#
77	0.0	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: BF125697.D

Acq: 28 Sep 2021 19:39

Instrument :

BNA_F

ClientSampleId :

P287-DITCH

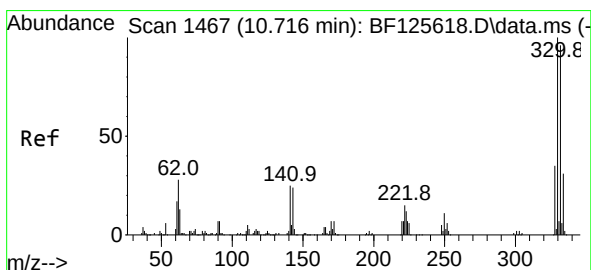
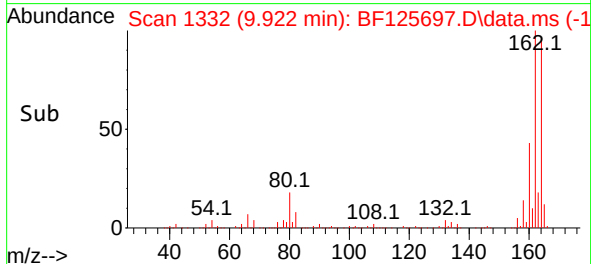
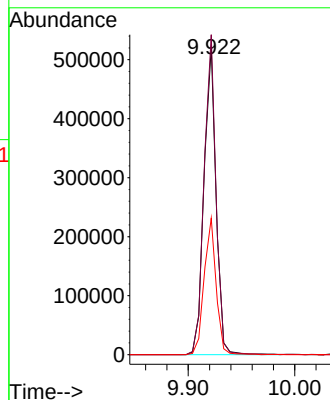
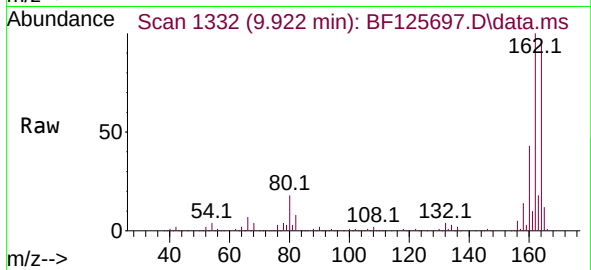
Tgt Ion:164 Resp: 410595

Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

160 44.4 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 129.356 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF125697.D

Acq: 28 Sep 2021 19:39

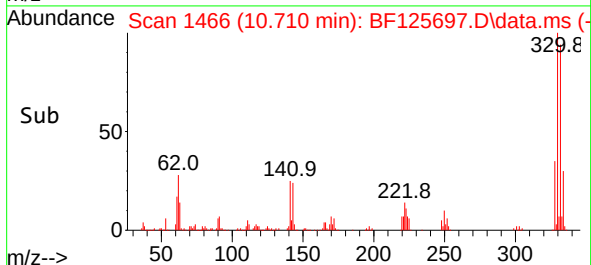
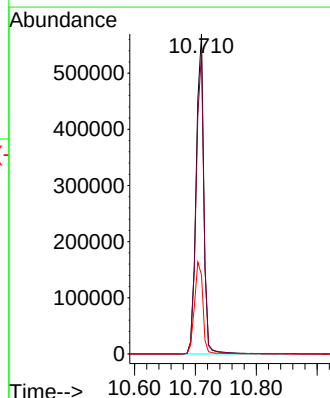
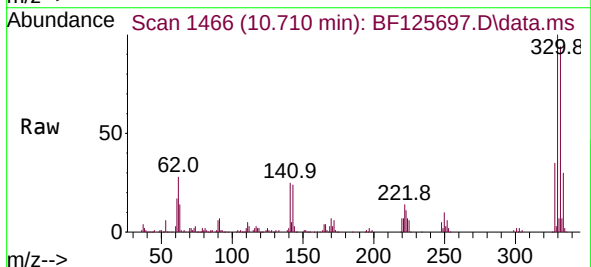
Tgt Ion:330 Resp: 495207

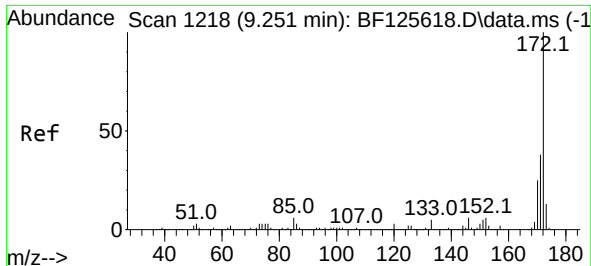
Ion Ratio Lower Upper

330 100

332 94.6 76.2 114.4

141 31.6 44.6 66.8#

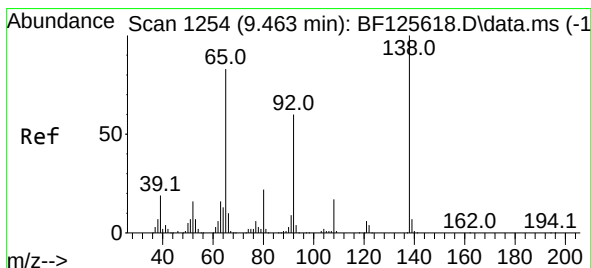
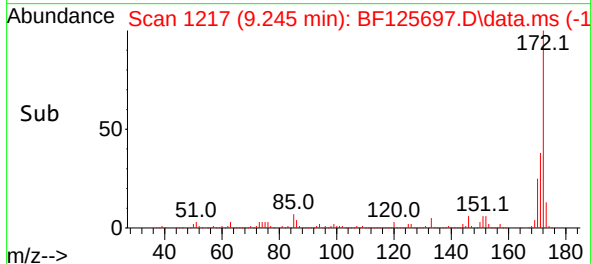
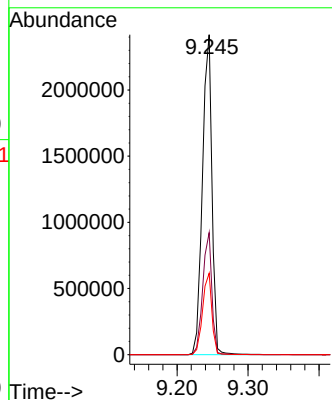
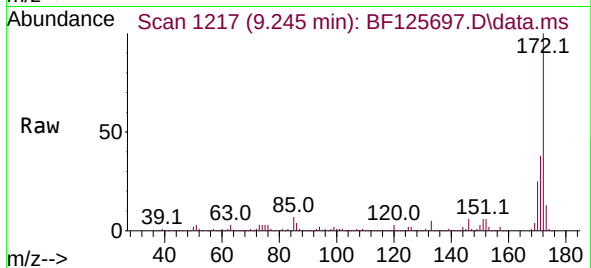




#45
2-Fluorobiphenyl
Concen: 101.813 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

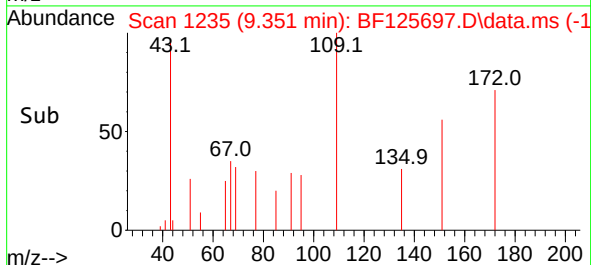
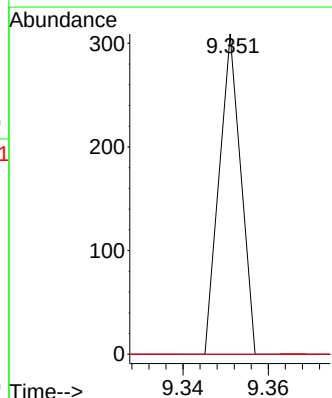
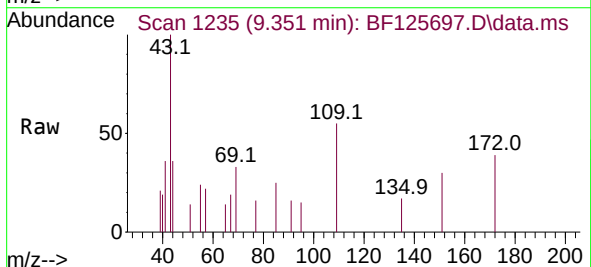
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

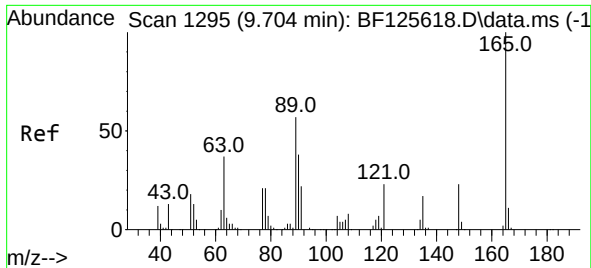
Tgt Ion:172 Resp: 2266083
Ion Ratio Lower Upper
172 100
171 38.1 26.5 39.7
170 25.4 18.8 28.2



#48
2-Nitroaniline
Concen: 4.174 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.112 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

Tgt Ion: 65 Resp: 109
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

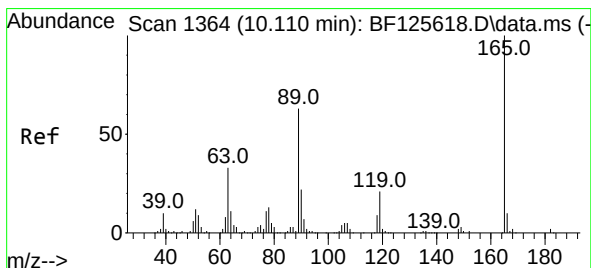
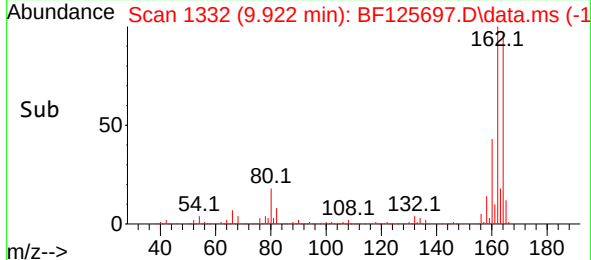
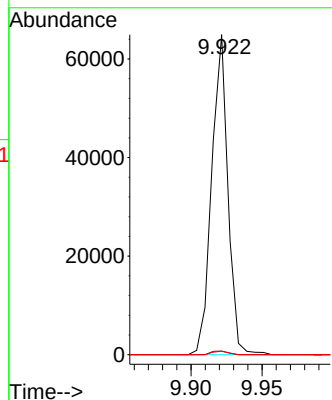
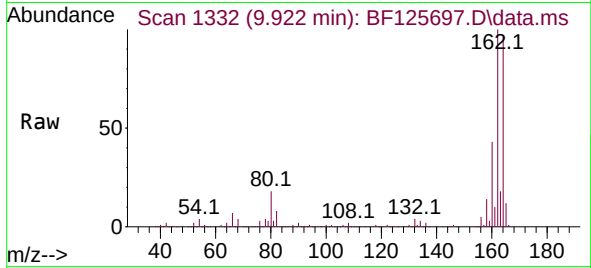




#51
2,6-Dinitrotoluene
Concen: 12.476 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

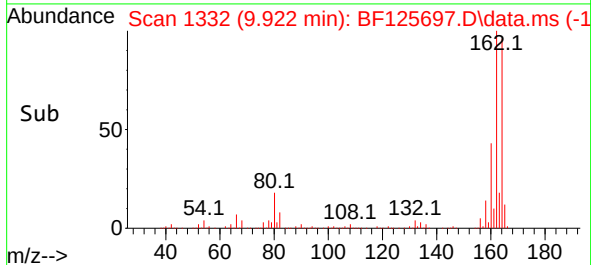
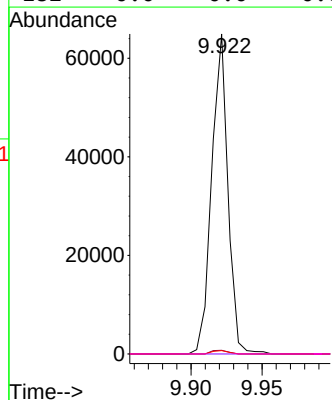
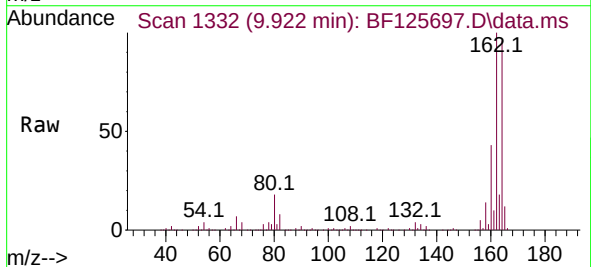
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

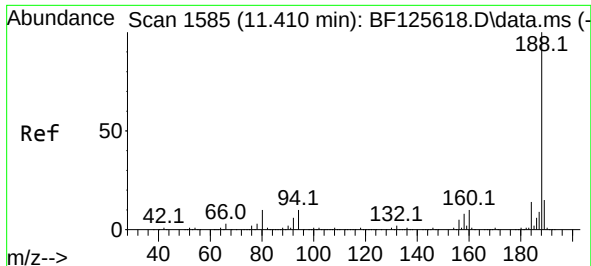
Tgt Ion:165 Resp: 51521
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.400 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

Tgt Ion:165 Resp: 51521
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

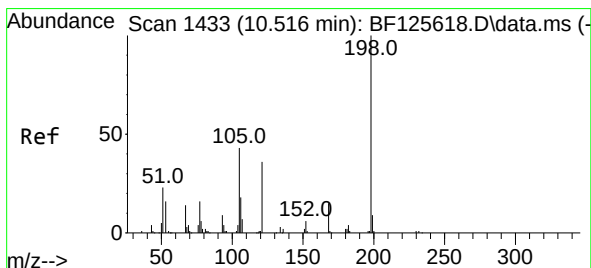
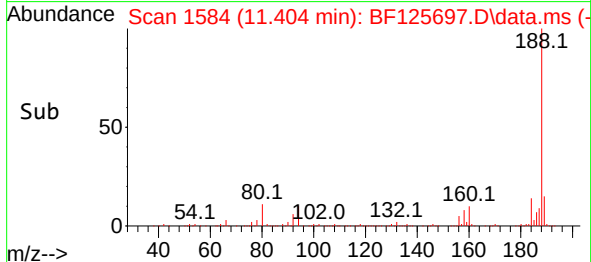
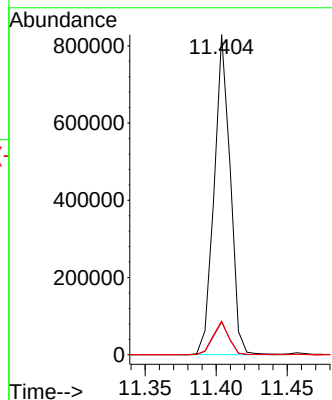
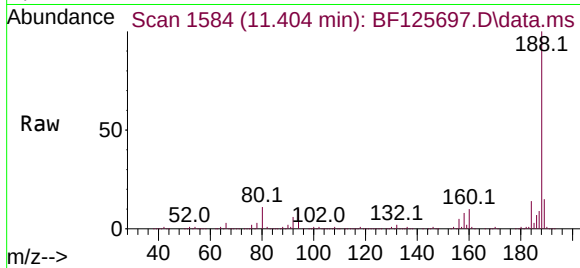




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

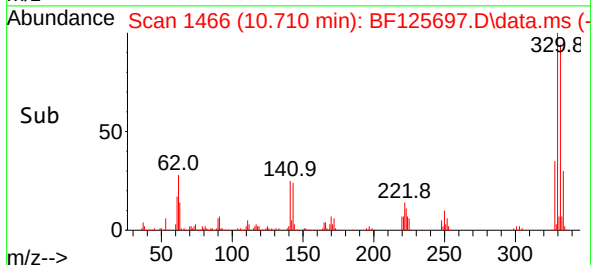
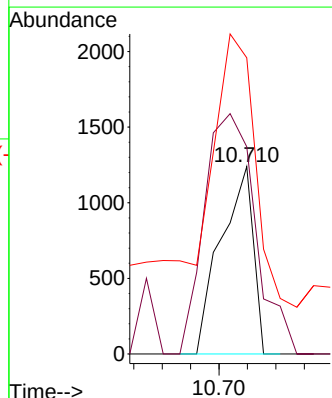
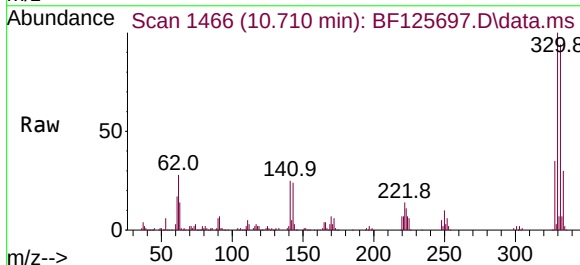
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

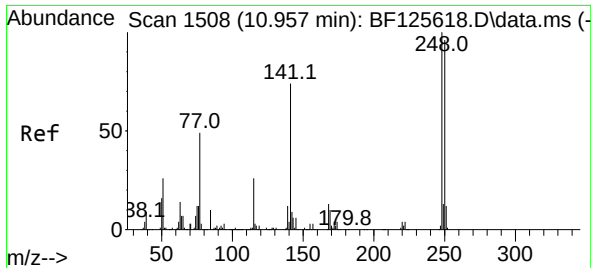
Tgt Ion:188 Resp: 650802
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 10.5 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.264 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

Tgt Ion:198 Resp: 980
Ion Ratio Lower Upper
198 100
51 110.6 45.3 85.3#
105 158.0 30.6 70.6#

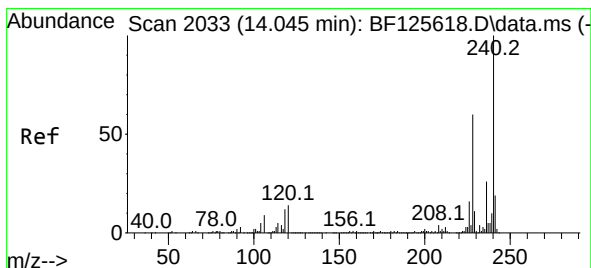
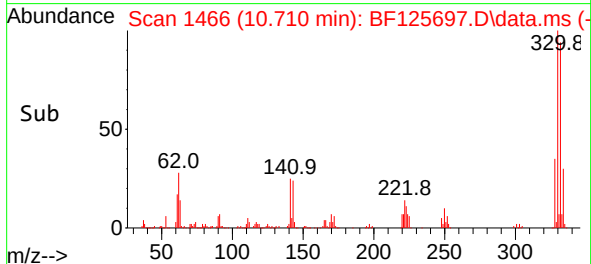
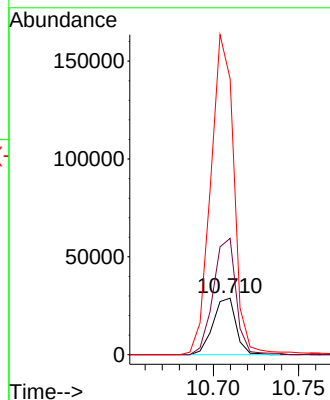
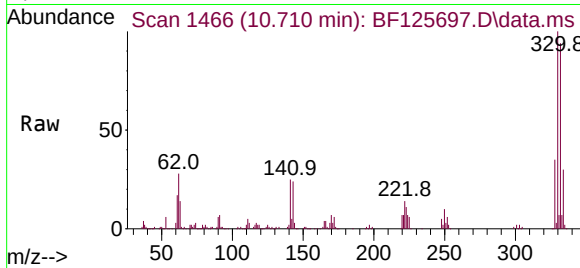




#67
4-Bromophenyl-phenylether
Concen: 3.967 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

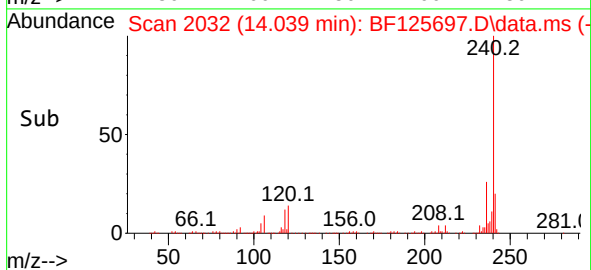
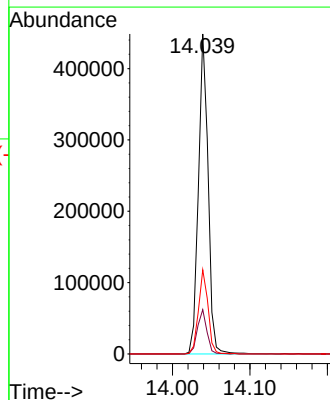
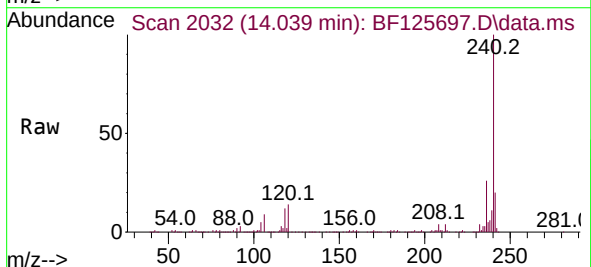
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

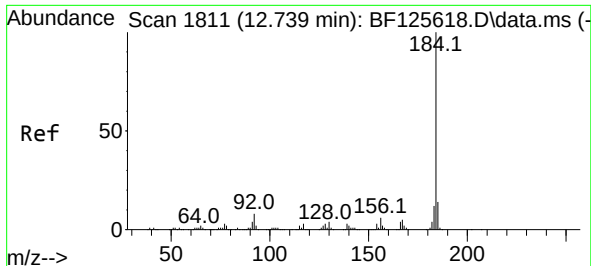
Tgt Ion:248 Resp: 27096
Ion Ratio Lower Upper
248 100
250 206.1 74.2 111.4#
141 488.5 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

Tgt Ion:240 Resp: 387601
Ion Ratio Lower Upper
240 100
120 13.9 10.8 16.2
236 26.3 21.6 32.4

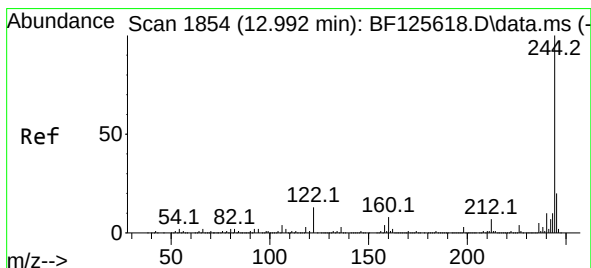
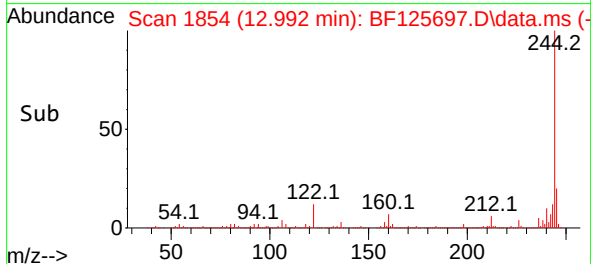
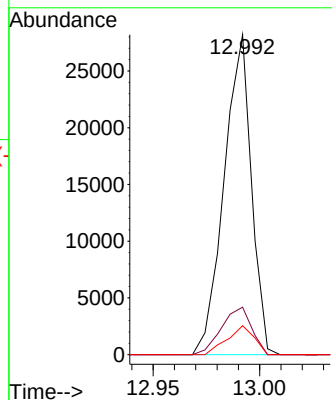
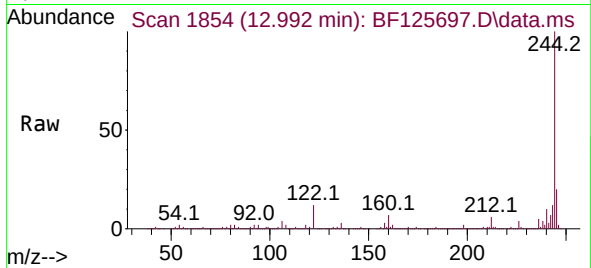




#77
Benzidine
Concen: 2.467 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

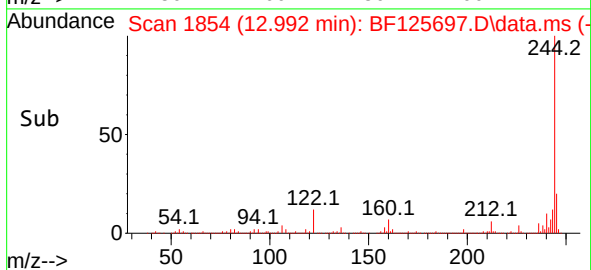
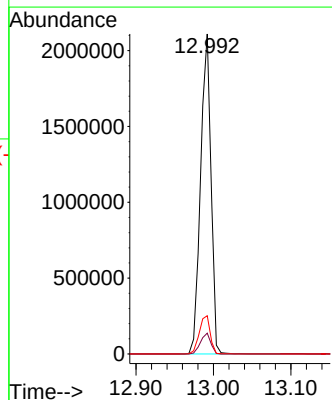
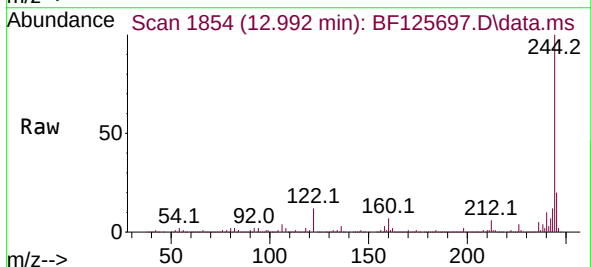
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

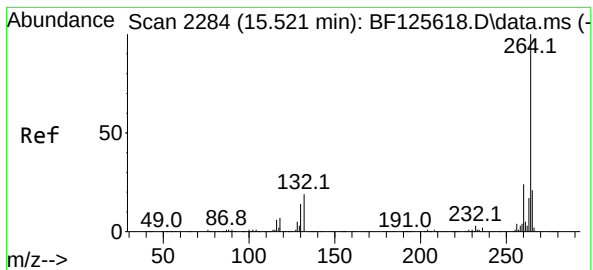
Tgt Ion:184 Resp: 25119
Ion Ratio Lower Upper
184 100
185 14.9 10.8 16.2
183 9.0 8.1 12.1



#79
Terphenyl-d14
Concen: 87.934 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125697.D
Acq: 28 Sep 2021 19:39

Tgt Ion:244 Resp: 1968137
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 11.9 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: BF125697.D
Acq: 28 Sep 2021 19:39

Instrument :
BNA_F
ClientSampleId :
P287-DITCH

Tgt Ion:264 Resp: 448614

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.3	17.2	25.8

