

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125736.D
 Acq On : 30 Sep 2021 16:37
 Operator : JU/CG
 Sample : M3986-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P287-DITCH

Quant Time: Sep 30 17:16:56 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)

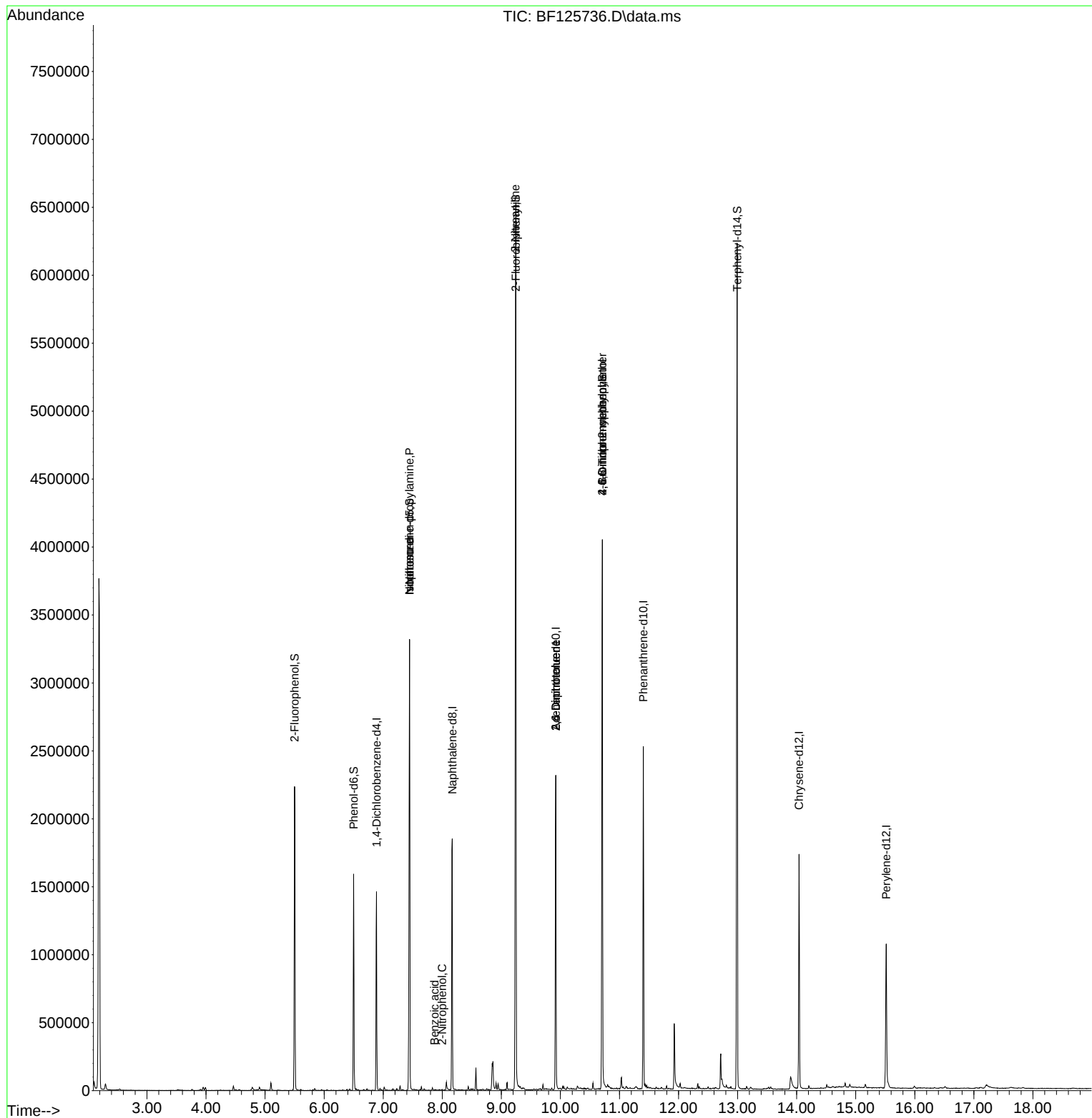
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	218020	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	888799	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	483206	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	853572	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	560429	20.000	ng	0.00
86) Perylene-d12	15.515	264	472460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	702662	53.100	ng	0.00
7) Phenol-d6	6.498	99	507082	28.503	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1170864	91.886	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	565697	125.564	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2226059	82.362	ng	0.00
79) Terphenyl-d14	12.992	244	2183474	67.471	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	328	Below Cal	#	82
19) n-Nitroso-di-n-propyla...	7.445	70	147673	14.579	ng	# 50
25) Isophorone	7.445	82	1166107	40.862	ng	# 59
26) 2-Nitrophenol	7.998	139	572	5.808	ng	# 39
32) Benzoic acid	7.869	122	114	8.638	ng	# 78
48) 2-Nitroaniline	9.239	65	3390	4.602	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	61403	12.582	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	61403	11.484	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1250	9.258	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	31300	3.494	ng	# 1

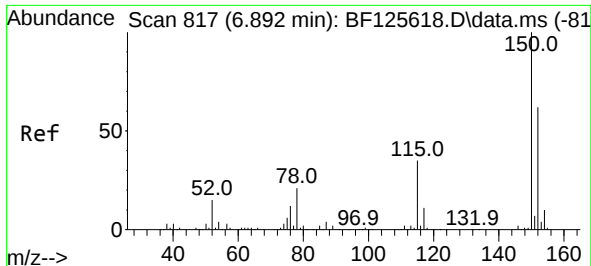
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
Data File : BF125736.D
Acq On : 30 Sep 2021 16:37
Operator : JU/CG
Sample : M3986-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P287-DITCH

Quant Time: Sep 30 17:16:56 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

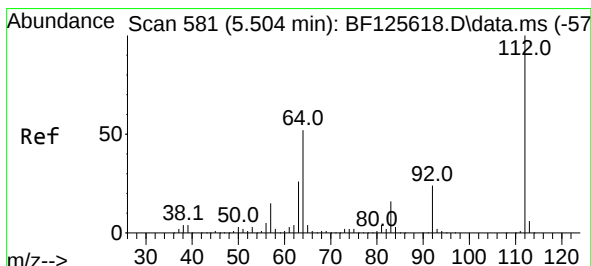
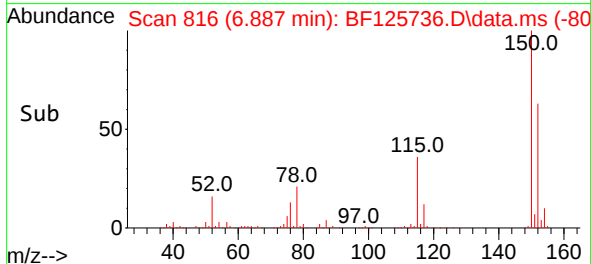
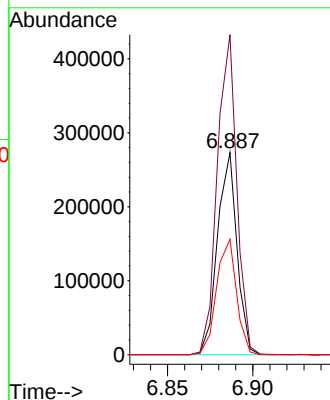
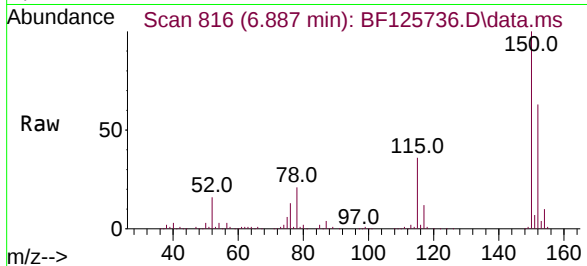




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.005 min
 Lab File: BF125736.D
 Acq: 30 Sep 2021 16:37

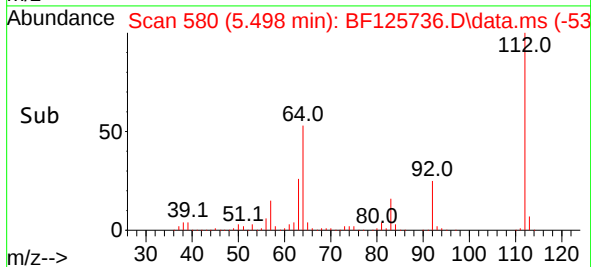
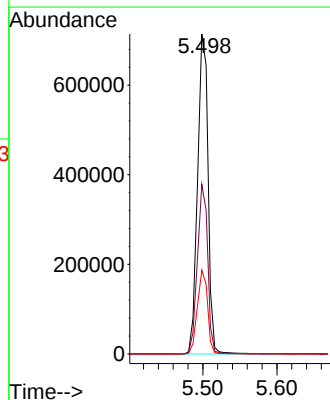
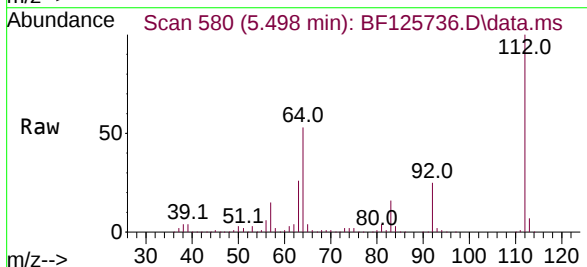
Instrument :
 BNA_F
 ClientSampleId :
 P287-DITCH

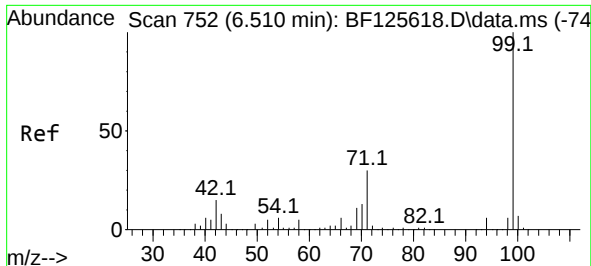
Tgt Ion:152 Resp: 218020
 Ion Ratio Lower Upper
 152 100
 150 158.3 117.6 176.4
 115 57.1 47.1 70.7



#5
 2-Fluorophenol
 Concen: 53.100 ng
 RT: 5.498 min Scan# 580
 Delta R.T. -0.006 min
 Lab File: BF125736.D
 Acq: 30 Sep 2021 16:37

Tgt Ion:112 Resp: 702662
 Ion Ratio Lower Upper
 112 100
 64 53.0 44.2 66.2
 63 26.2 26.2 39.2

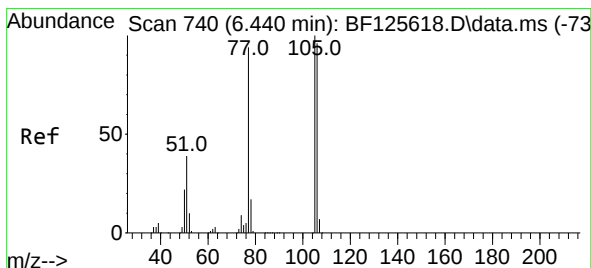
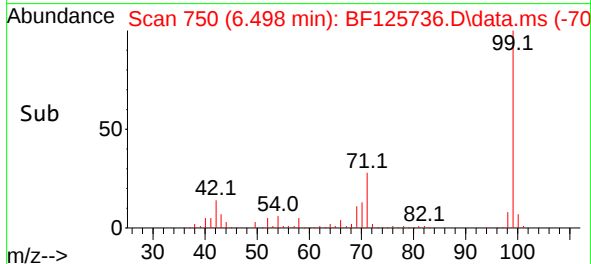
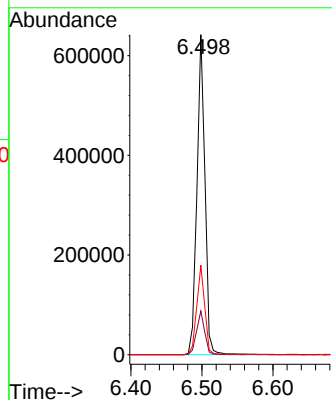
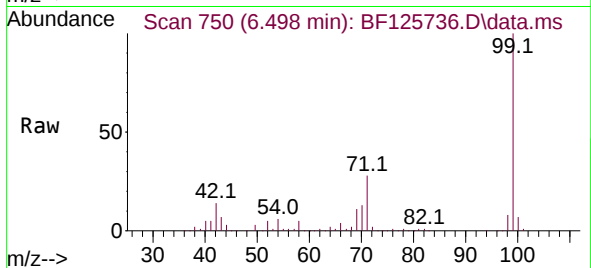




#7
Phenol-d6
Concen: 28.503 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

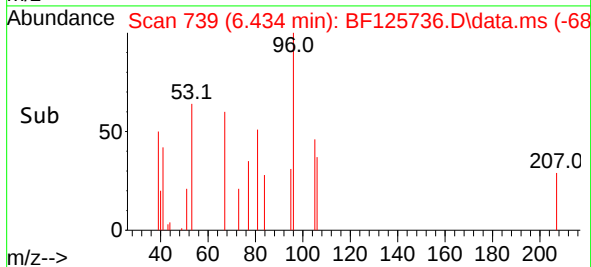
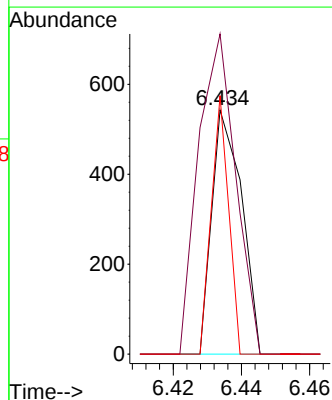
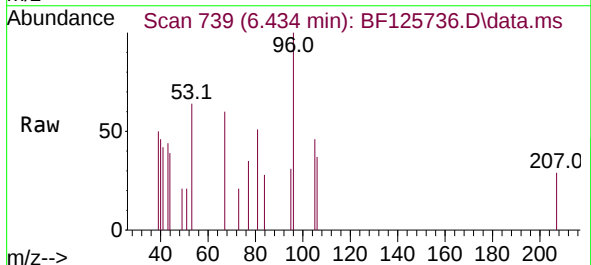
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

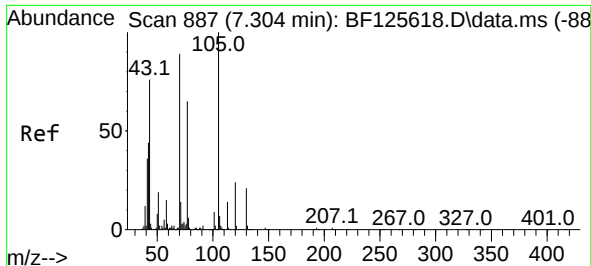
Tgt Ion: 99 Resp: 507082
Ion Ratio Lower Upper
99 100
42 13.7 23.5 35.3#
71 27.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

Tgt Ion: 77 Resp: 328
Ion Ratio Lower Upper
77 100
105 131.1 75.9 115.9#
106 105.9 84.0 124.0

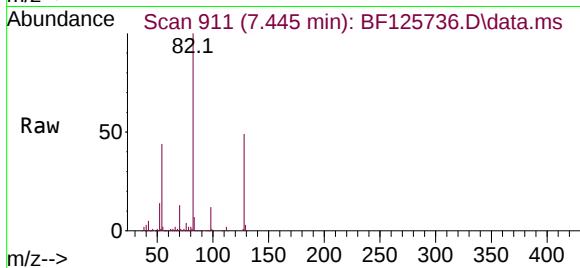


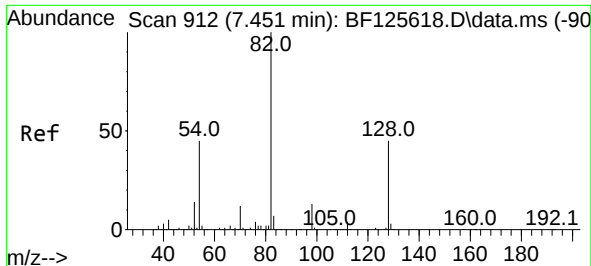


#19

n-Nitroso-di-n-propylamine
 Concen: 14.579 ng
 RT: 7.445 min Scan# 911
 Delta R.T. 0.141 min
 Lab File: BF125736.D
 Acq: 30 Sep 2021 16:37

Instrument :
 BNA_F
 ClientSampleId :
 P287-DITCH





#23

Nitrobenzene-d5

Concen: 91.886 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125736.D

Acq: 30 Sep 2021 16:37

Instrument :

BNA_F

ClientSampleId :

P287-DITCH

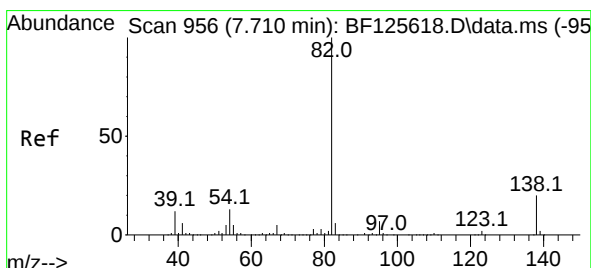
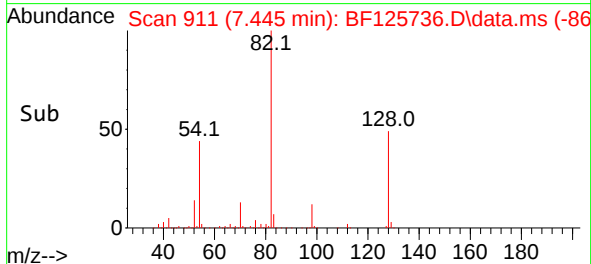
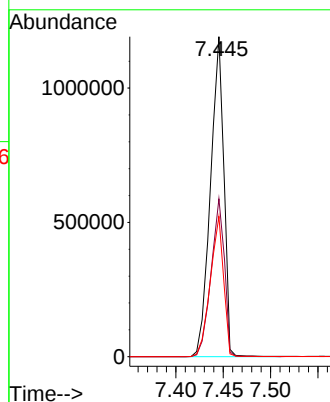
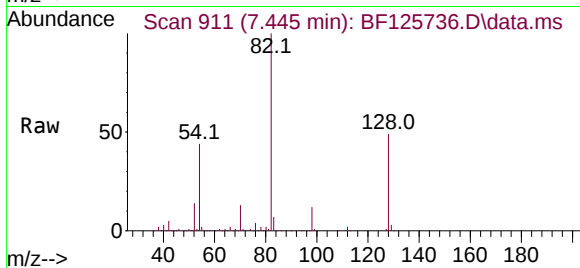
Tgt Ion: 82 Resp: 1170864

Ion Ratio Lower Upper

82 100

128 49.3 40.6 60.8

54 43.8 49.6 74.4#



#25

Isophorone

Concen: 40.862 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125736.D

Acq: 30 Sep 2021 16:37

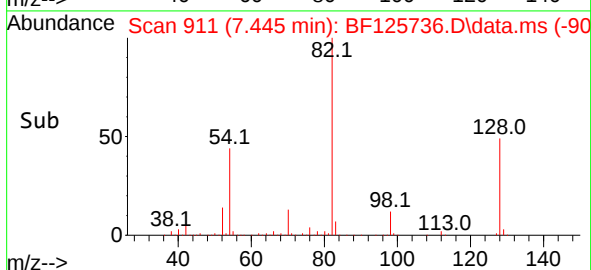
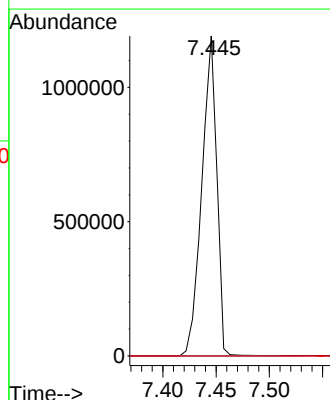
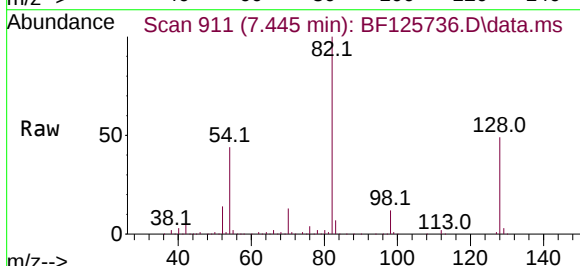
Tgt Ion: 82 Resp: 1166107

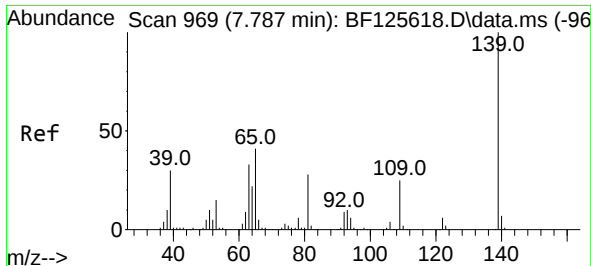
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

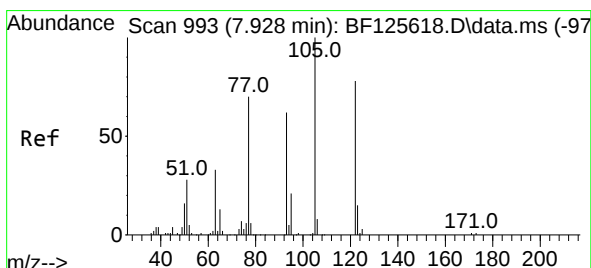
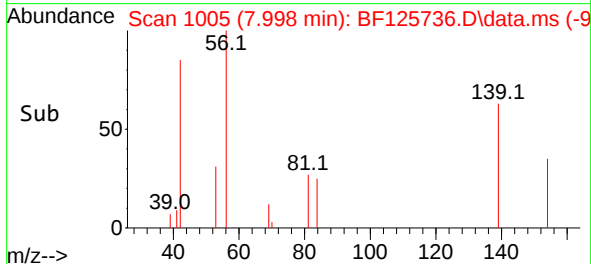
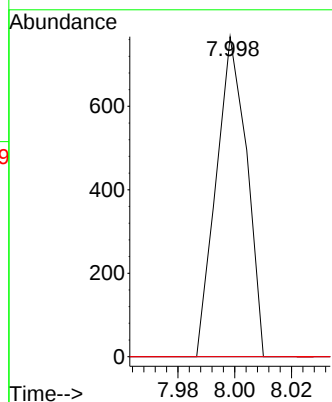
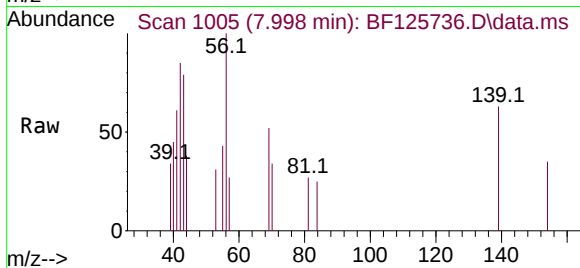




#26
2-Nitrophenol
Concen: 5.808 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.211 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

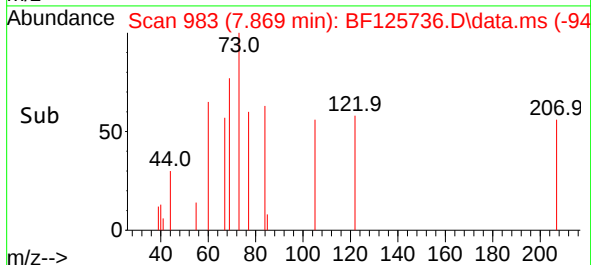
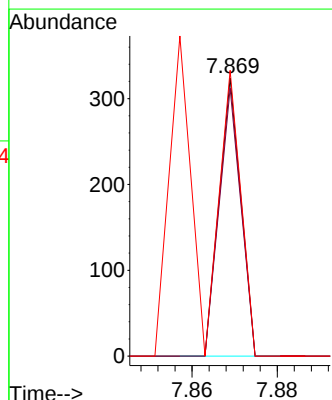
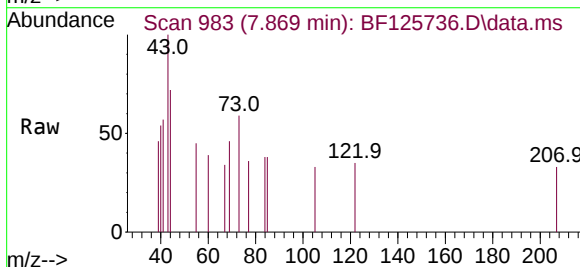
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

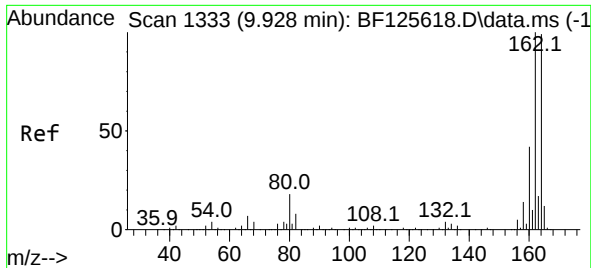
Tgt Ion:139 Resp: 572
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 0.0 31.0 46.4#



#32
Benzoic acid
Concen: 8.638 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.059 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

Tgt Ion:122 Resp: 114
Ion Ratio Lower Upper
122 100
105 96.3 97.6 137.6#
77 102.8 59.6 99.6#

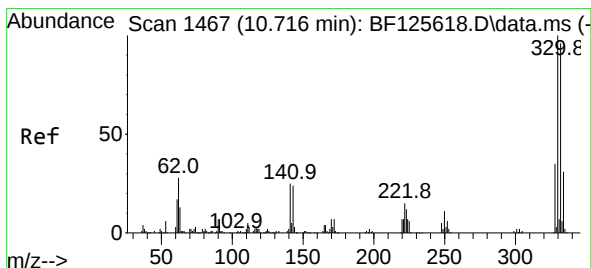
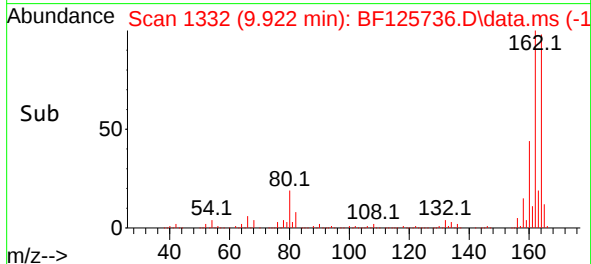
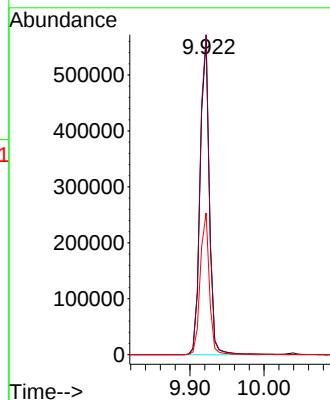
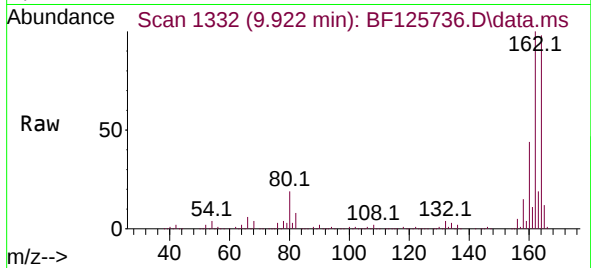




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

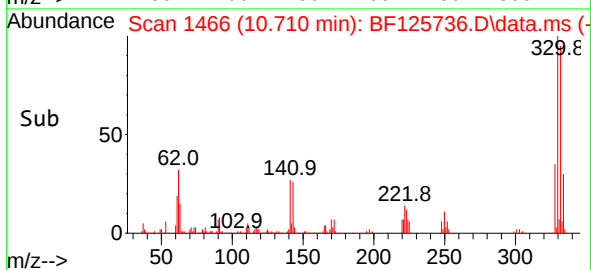
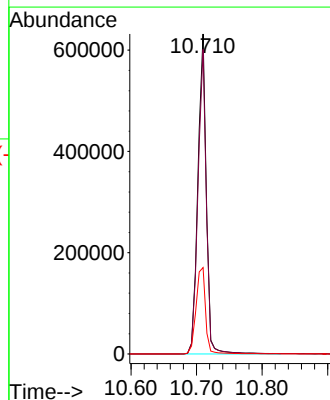
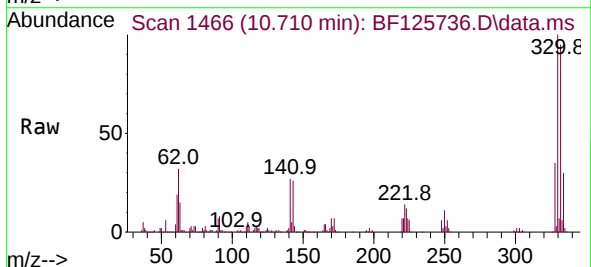
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

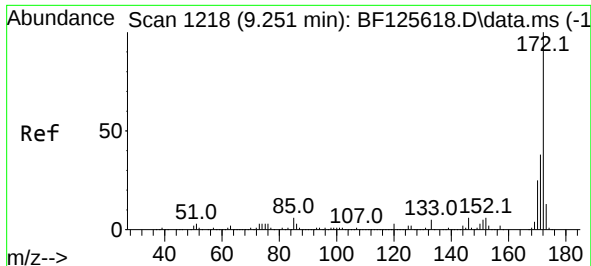
Tgt Ion:164 Resp: 483206
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 125.564 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

Tgt Ion:330 Resp: 565697
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 30.5 44.6 66.8#

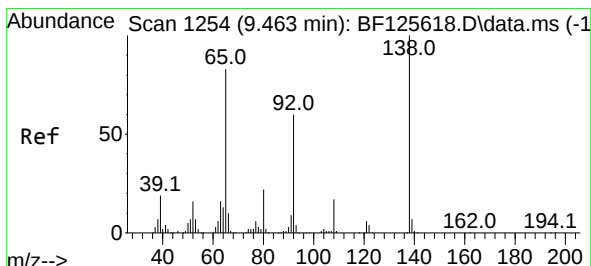
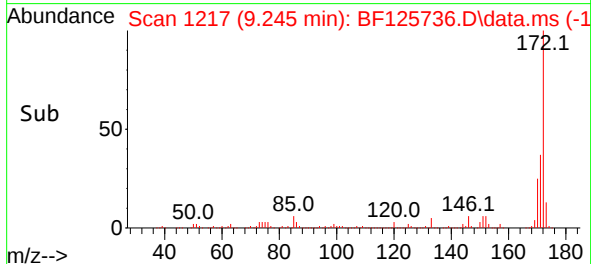
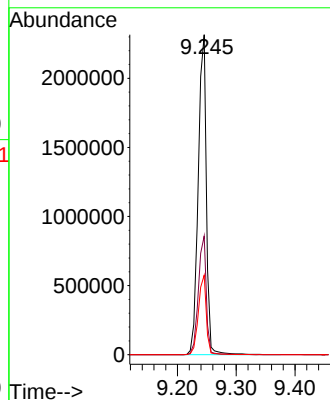
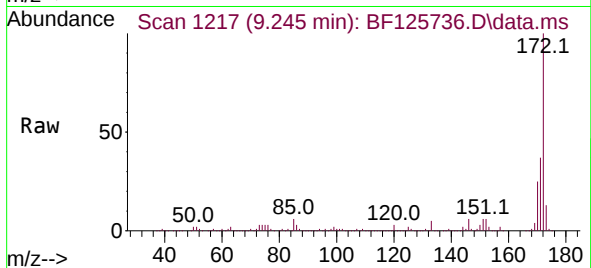




#45
2-Fluorobiphenyl
Concen: 82.362 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

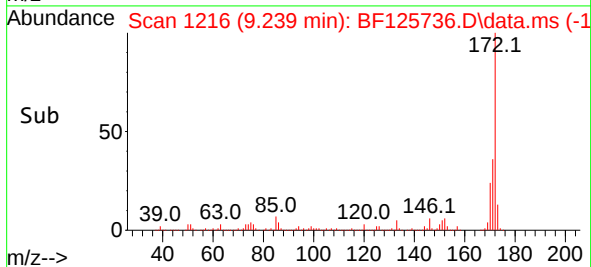
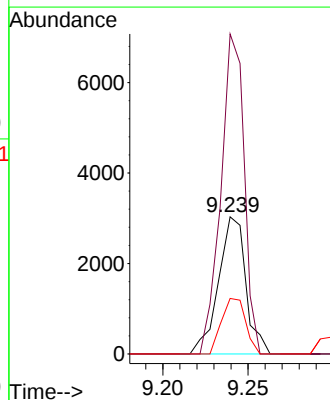
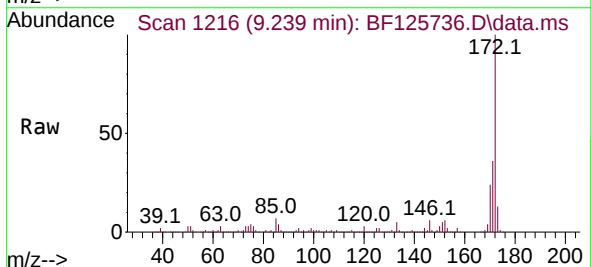
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

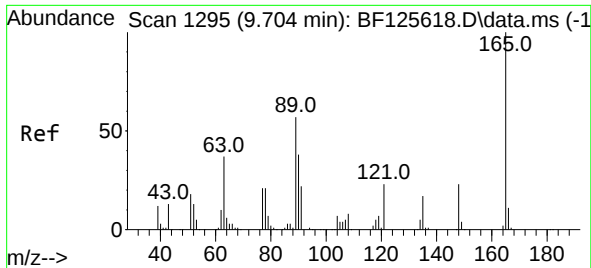
Tgt Ion:172 Resp: 2226059
Ion Ratio Lower Upper
172 100
171 37.1 26.5 39.7
170 24.8 18.8 28.2



#48
2-Nitroaniline
Concen: 4.602 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

Tgt Ion: 65 Resp: 3390
Ion Ratio Lower Upper
65 100
92 233.5 55.5 83.3#
138 40.5 93.5 140.3#

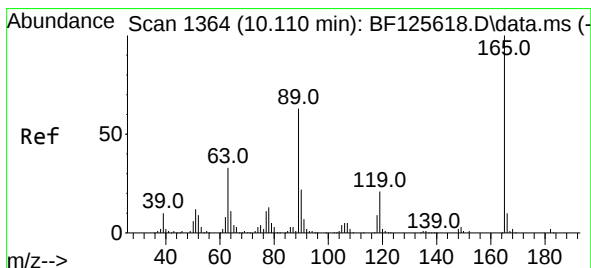
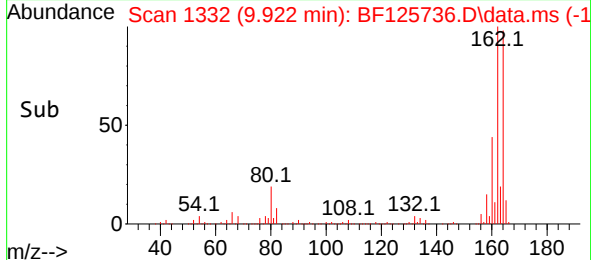
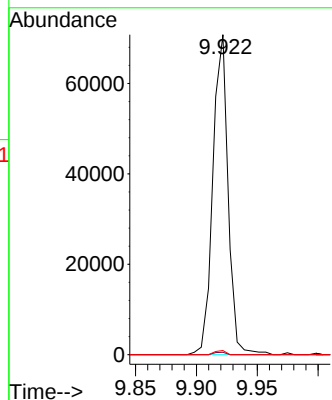
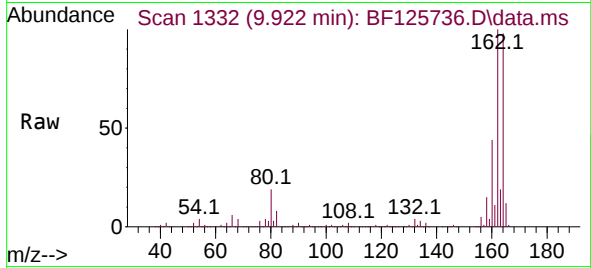




#51
2,6-Dinitrotoluene
Concen: 12.582 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

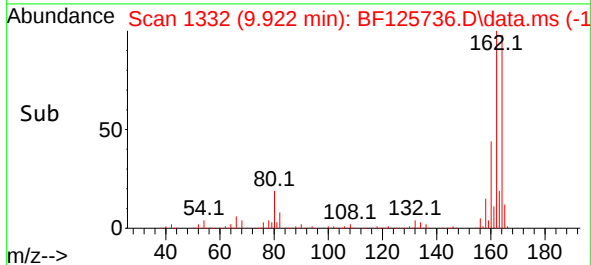
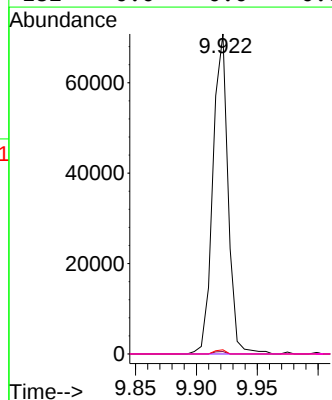
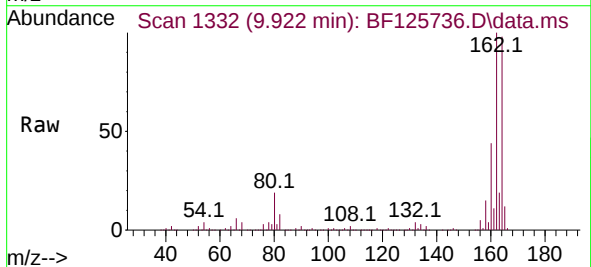
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

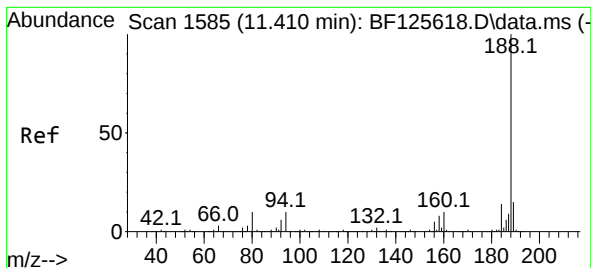
Tgt Ion:165 Resp: 61403
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.484 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

Tgt Ion:165 Resp: 61403
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

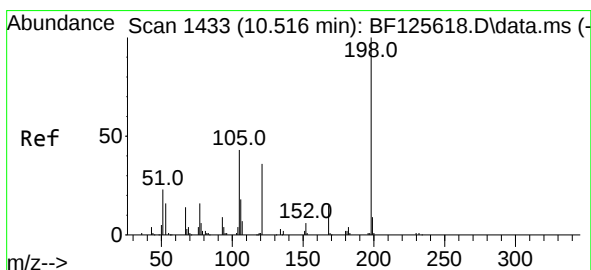
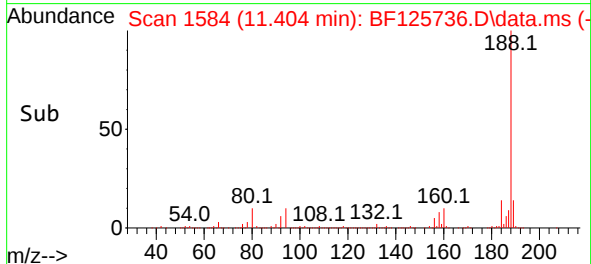
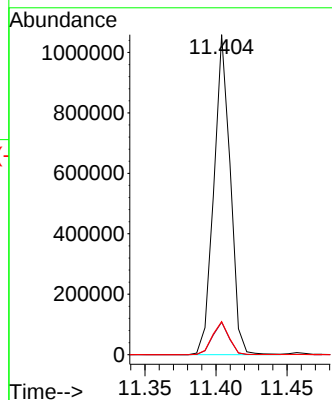
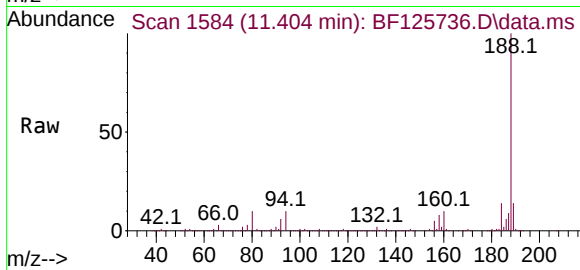




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

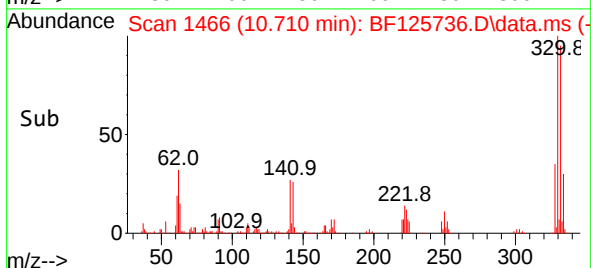
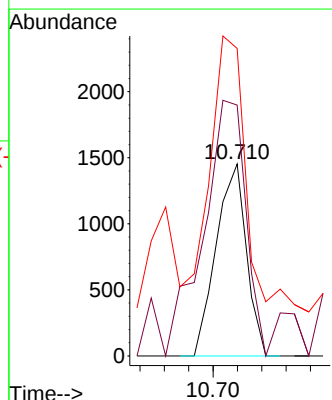
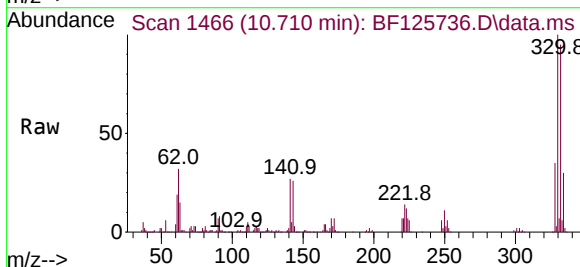
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

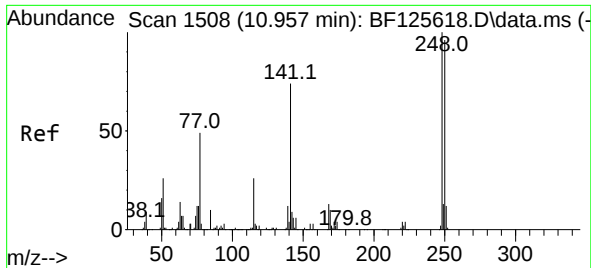
Tgt Ion:188 Resp: 853572
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.4 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.258 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

Tgt Ion:198 Resp: 1250
Ion Ratio Lower Upper
198 100
51 130.7 45.3 85.3#
105 160.2 30.6 70.6#

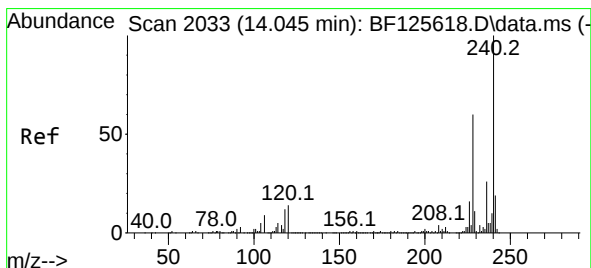
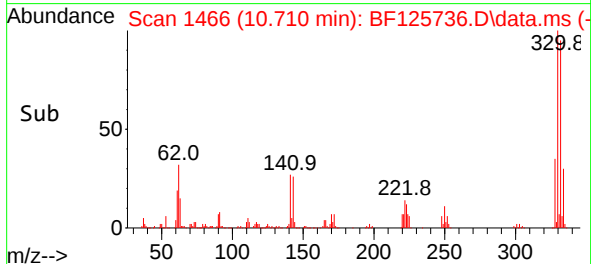
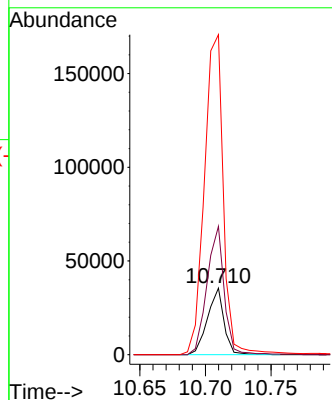
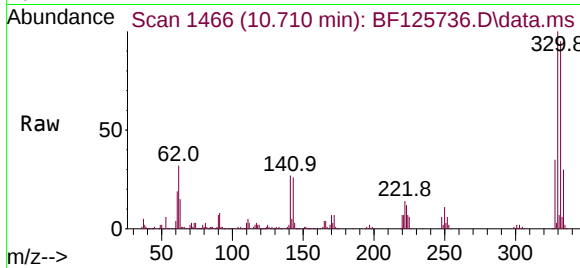




#67
4-Bromophenyl-phenylether
Concen: 3.494 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

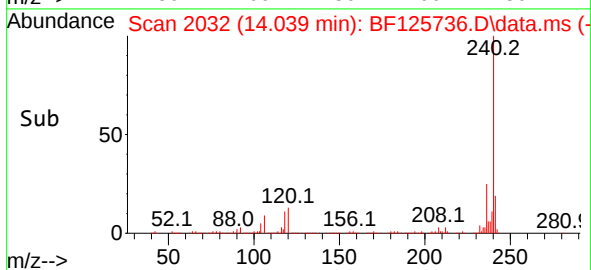
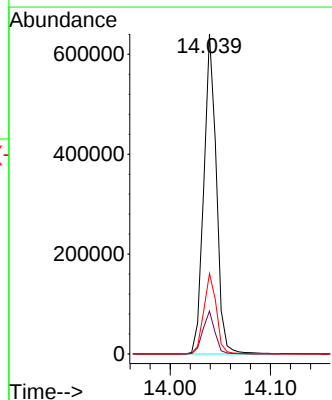
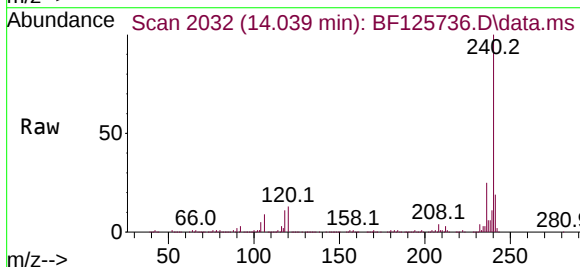
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

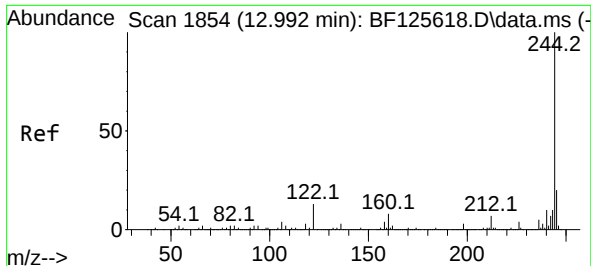
Tgt Ion:248 Resp: 31300
Ion Ratio Lower Upper
248 100
250 192.8 74.2 111.4#
141 480.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

Tgt Ion:240 Resp: 560429
Ion Ratio Lower Upper
240 100
120 13.4 10.8 16.2
236 25.2 21.6 32.4

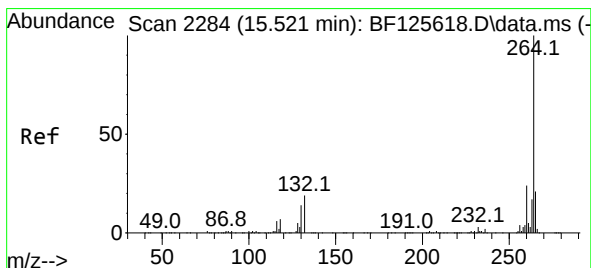
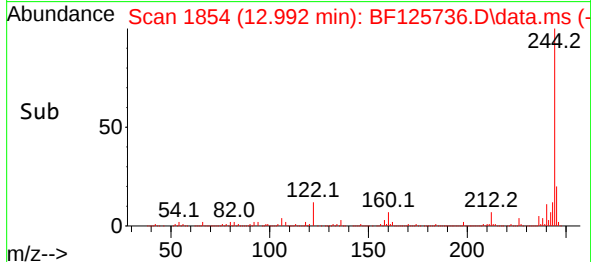
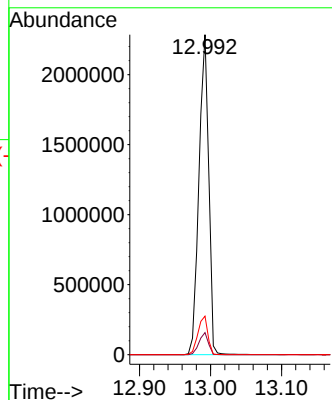
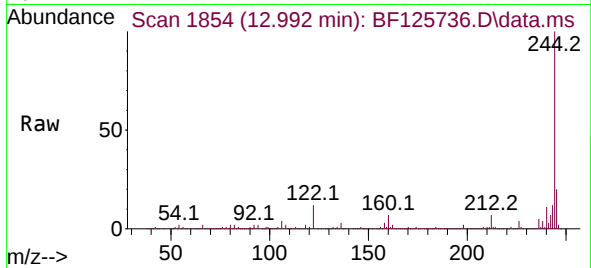




#79
Terphenyl-d14
Concen: 67.471 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125736.D
Acq: 30 Sep 2021 16:37

Instrument :
BNA_F
ClientSampleId :
P287-DITCH

Tgt Ion:244 Resp: 2183474
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 12.1 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: BF125736.D
Acq: 30 Sep 2021 16:37

Tgt Ion:264 Resp: 472460
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 22.5 17.2 25.8

