

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125633.D
 Acq On : 24 Sep 2021 21:52
 Operator : JU/CG
 Sample : M3911-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P287-DITCH

Quant Time: Sep 25 03:01:50 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)

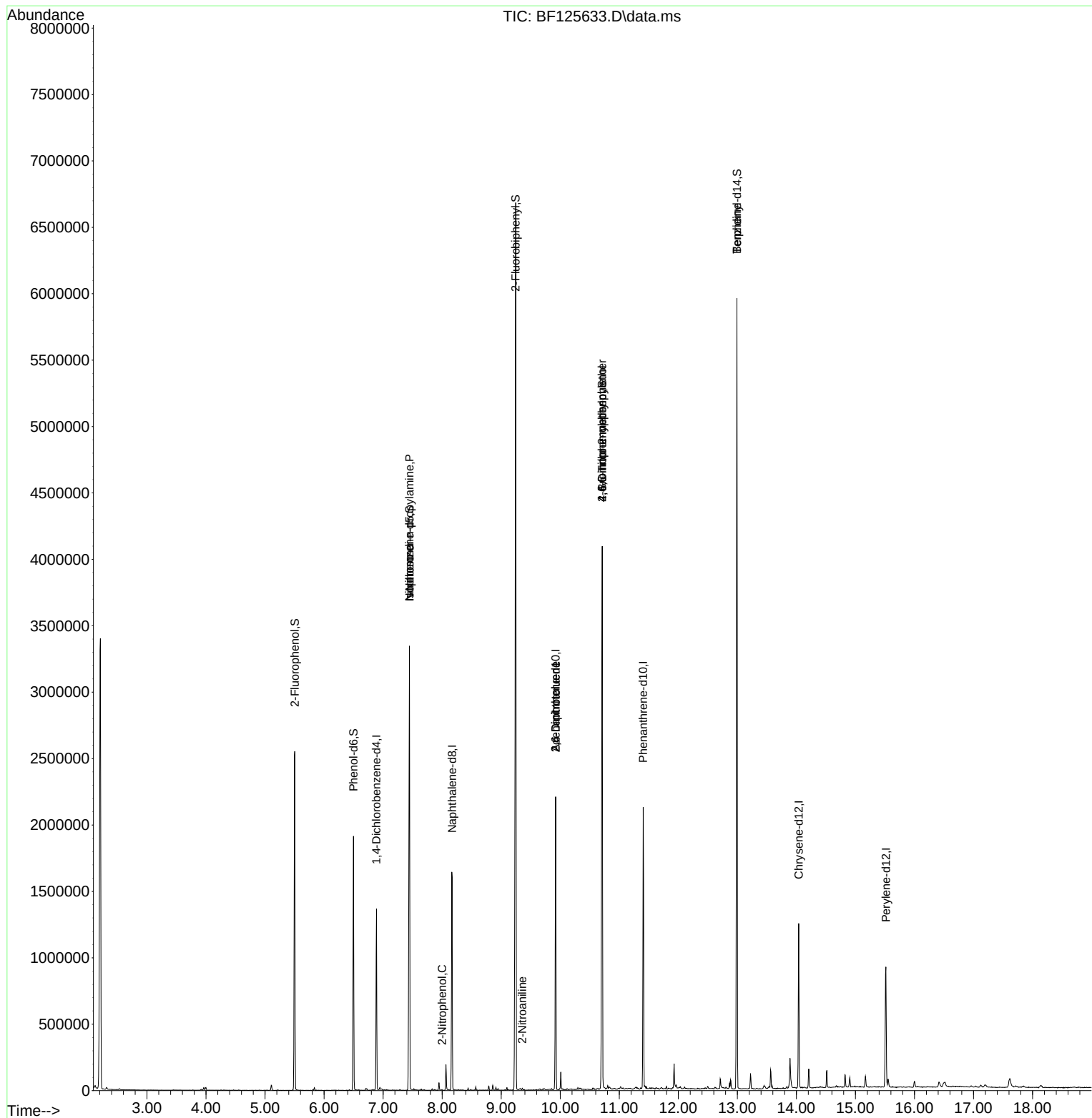
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	204610	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	843977	20.000	ng	# 0.00
39) Acenaphthene-d10	9.921	164	449357	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	745668	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	387713	20.000	ng	0.00
86) Perylene-d12	15.515	264	413080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	819454	65.984	ng	0.00
7) Phenol-d6	6.498	99	624747	37.418	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1210995	100.082	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	552362	131.839	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2329232	94.658	ng	0.00
79) Terphenyl-d14	12.992	244	2033803	90.842	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.433	77	246	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.445	70	152110	16.001	ng	# 51
25) Isophorone	7.445	82	1206949	44.539	ng	# 59
26) 2-Nitrophenol	7.998	139	384	5.786	ng	# 39
48) 2-Nitroaniline	9.357	65	241	4.191	ng	# 1
51) 2,6-Dinitrotoluene	9.921	165	55232	12.305	ng	# 27
57) 2,4-Dinitrotoluene	9.921	165	55232	11.265	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1166	9.274	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	30819	3.938	ng	# 1
77) Benzidine	12.992	184	25327	2.487	ng	97

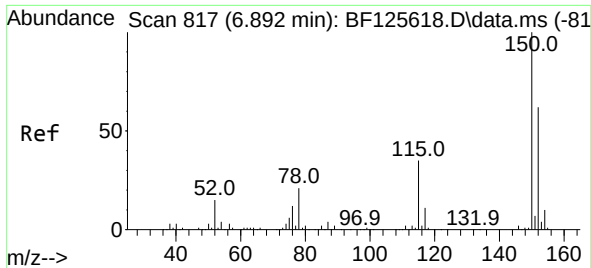
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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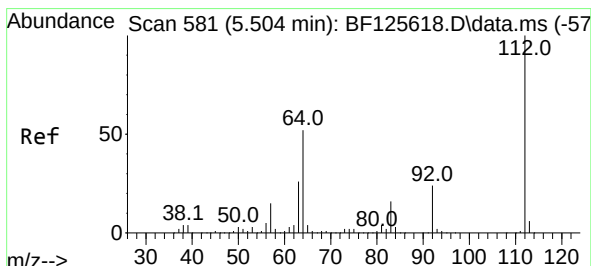
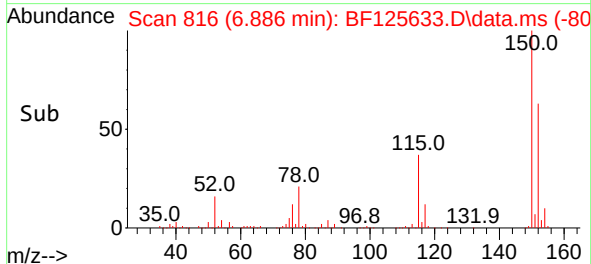
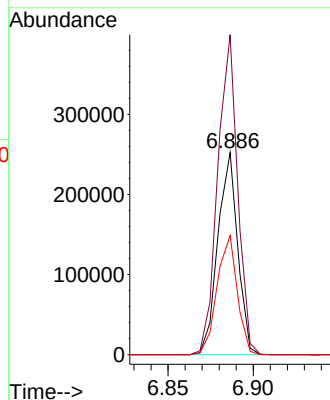
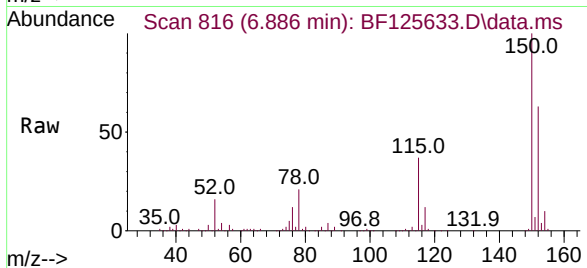




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

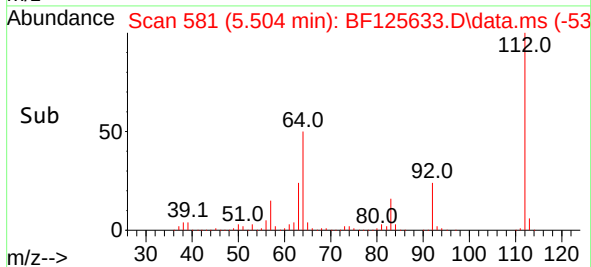
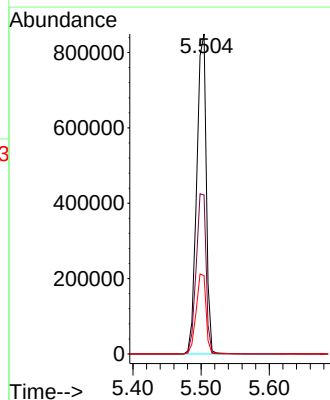
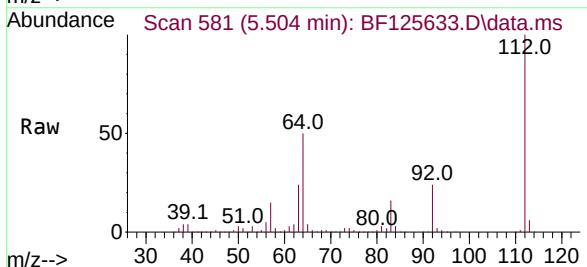
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

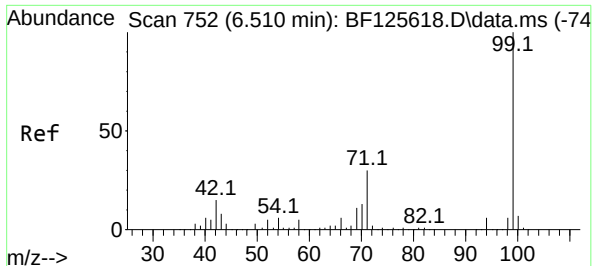
Tgt Ion:152 Resp: 204610
Ion Ratio Lower Upper
152 100
150 158.3 117.6 176.4
115 59.0 47.1 70.7



#5
2-Fluorophenol
Concen: 65.984 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

Tgt Ion:112 Resp: 819454
Ion Ratio Lower Upper
112 100
64 49.7 44.2 66.2
63 24.5 26.2 39.2#

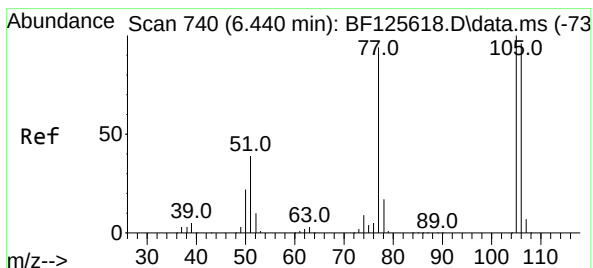
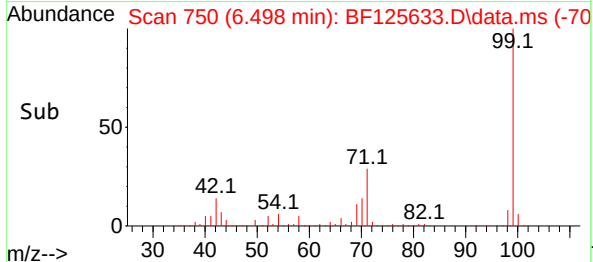
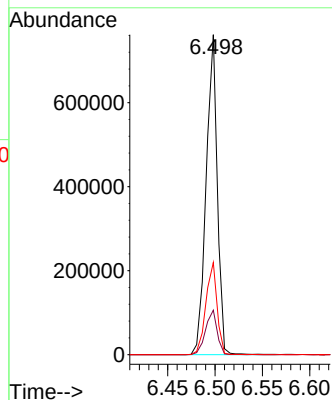
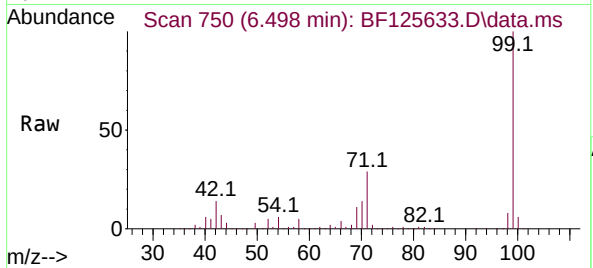




#7
Phenol-d6
Concen: 37.418 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

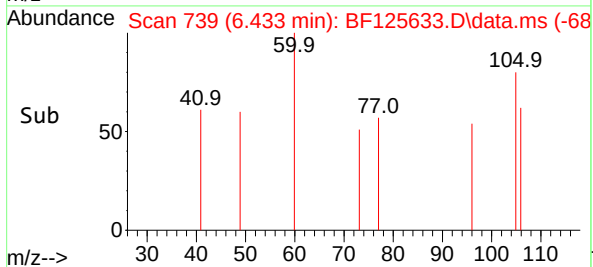
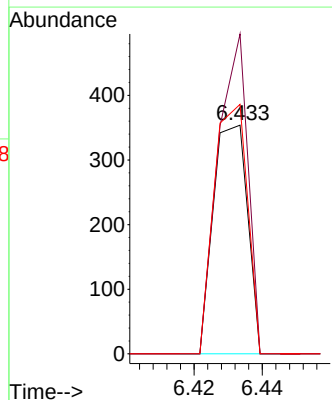
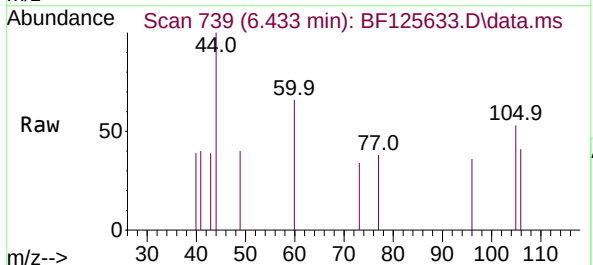
Instrument :
BNA_F
ClientSampleId :
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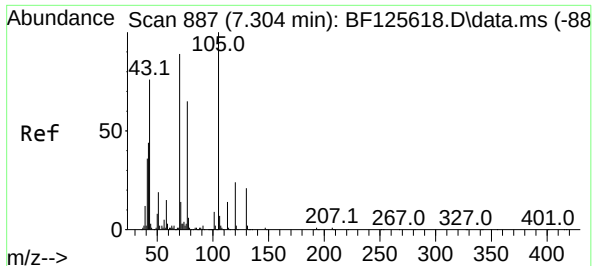
Tgt Ion: 99 Resp: 624747
Ion Ratio Lower Upper
99 100
42 13.9 23.5 35.3#
71 28.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.433 min Scan# 739
Delta R.T. -0.007 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

Tgt Ion: 77 Resp: 246
Ion Ratio Lower Upper
77 100
105 139.8 75.9 115.9#
106 109.0 84.0 124.0

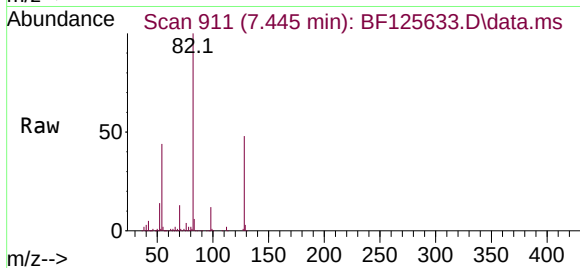




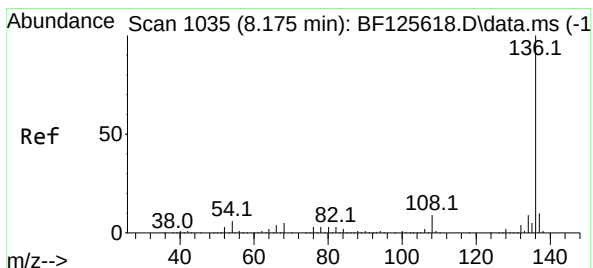
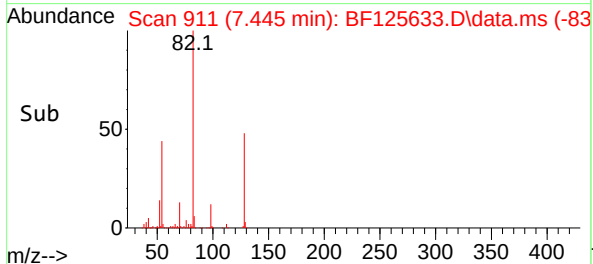
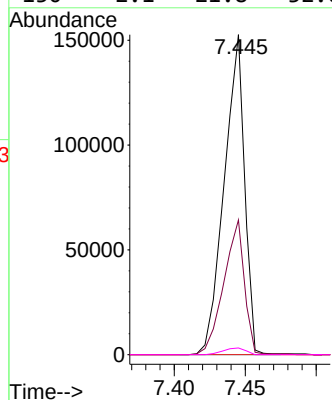
#19

n-Nitroso-di-n-propylamine
 Concen: 16.001 ng
 RT: 7.445 min Scan# 911
 Delta R.T. 0.141 min
 Lab File: BF125633.D
 Acq: 24 Sep 2021 21:52

Instrument :
 BNA_F
 ClientSampleId :
 P287-DITCH



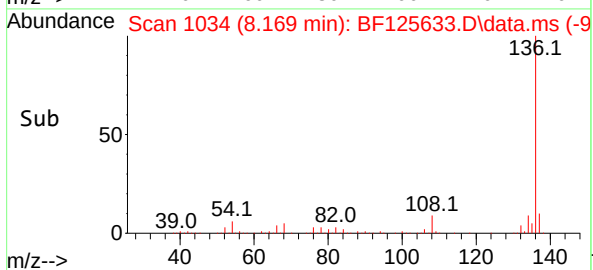
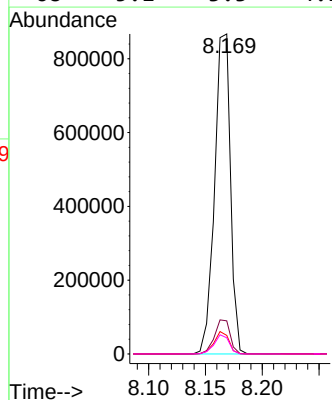
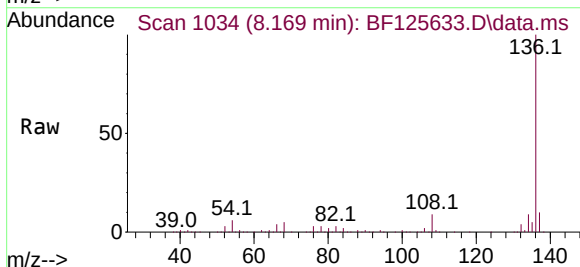
Tgt Ion:	70	Resp:	152110
Ion	Ratio	Lower	Upper
70	100		
42	42.1	72.2	108.2#
101	0.0	7.8	11.8#
130	2.1	21.8	32.6#

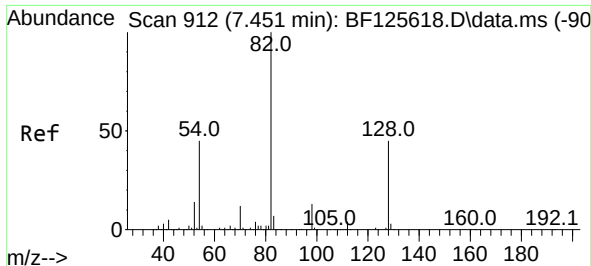


#21

Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.169 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF125633.D
 Acq: 24 Sep 2021 21:52

Tgt Ion:	136	Resp:	843977
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	5.8	6.4	9.6#
68	5.1	3.3	4.9#

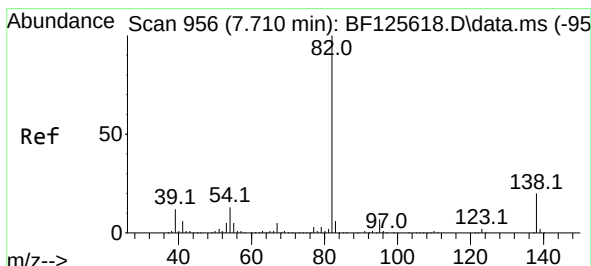
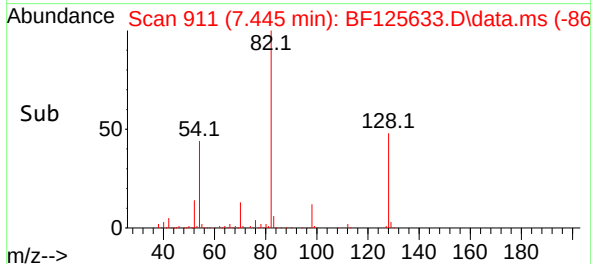
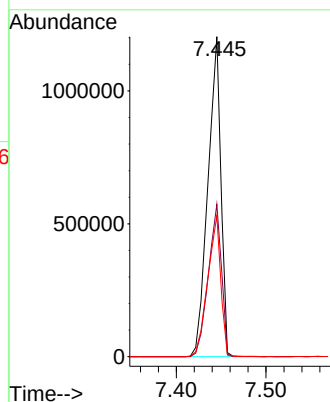
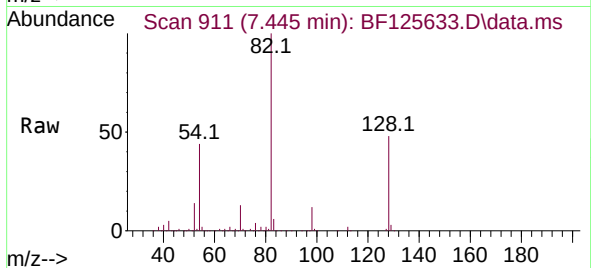




#23
Nitrobenzene-d5
Concen: 100.082 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

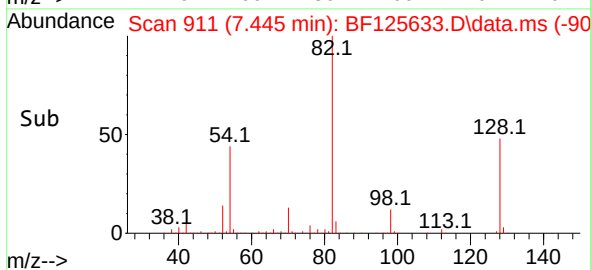
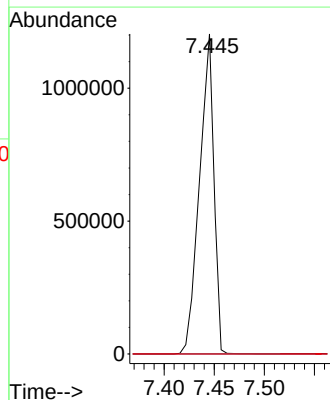
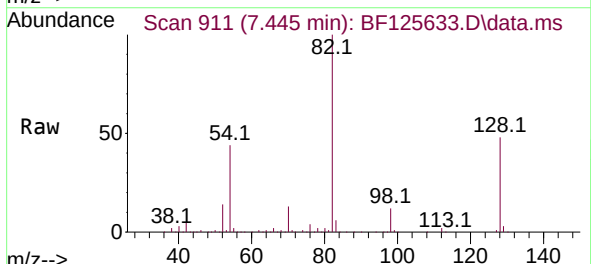
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

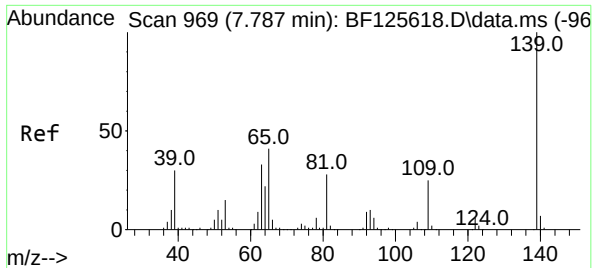
Tgt Ion: 82 Resp: 1210995
Ion Ratio Lower Upper
82 100
128 47.6 40.6 60.8
54 44.1 49.6 74.4#



#25
Isophorone
Concen: 44.539 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

Tgt Ion: 82 Resp: 1206949
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

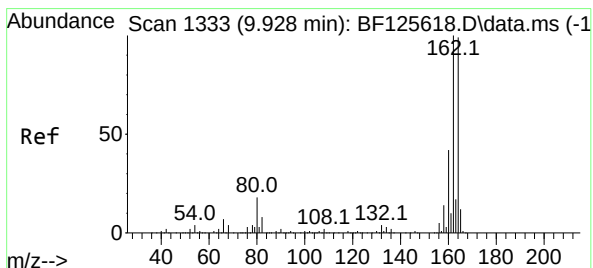
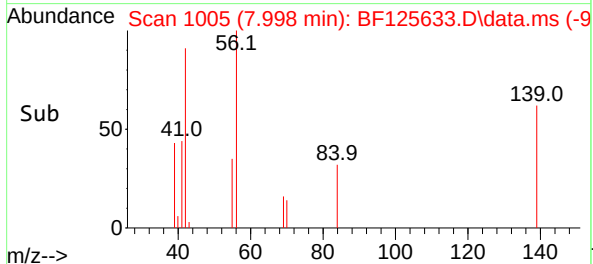
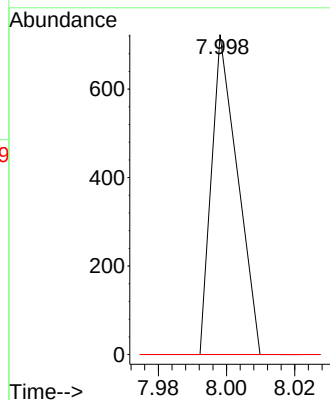
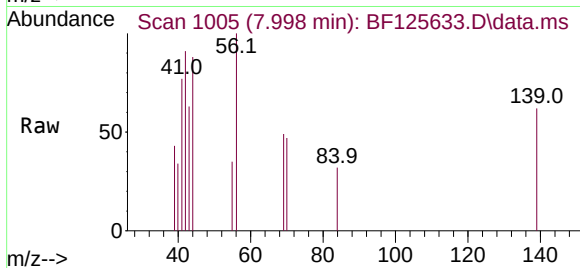




#26
2-Nitrophenol
Concen: 5.786 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.211 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

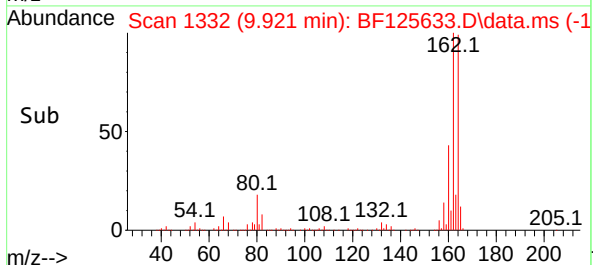
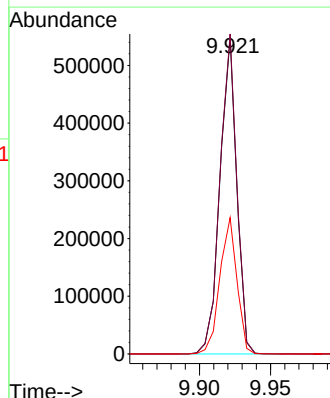
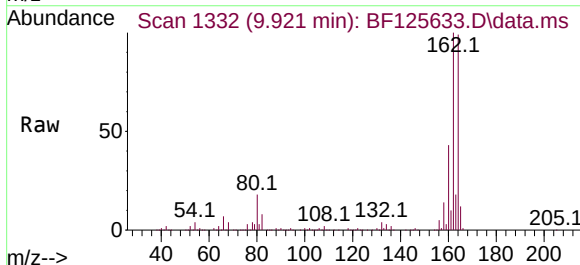
Instrument :
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ClientSampleId :
P287-DITCH

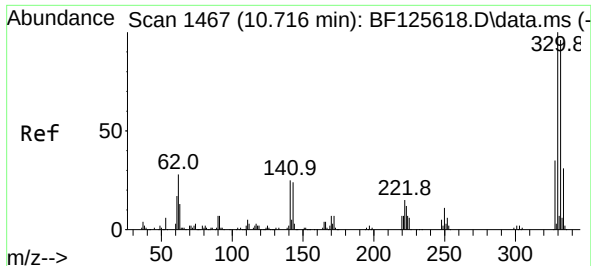
Tgt Ion:	139	Resp:	384
Ion Ratio	100	Lower	Upper
139	100		
109	0.0	26.0	39.0#
65	0.0	31.0	46.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

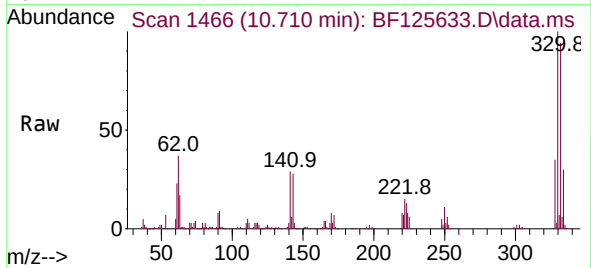
Tgt Ion:	164	Resp:	449357
Ion Ratio	100	Lower	Upper
164	100		
162	101.1	81.3	121.9
160	43.1	38.0	57.0



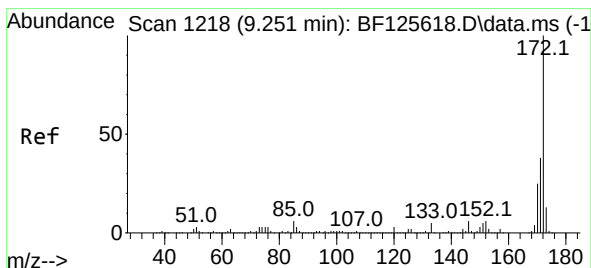
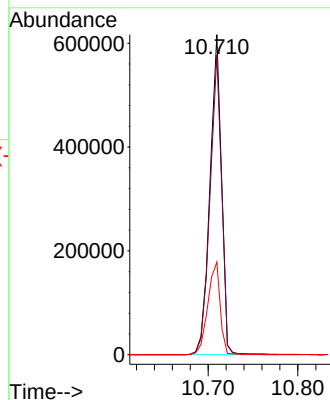
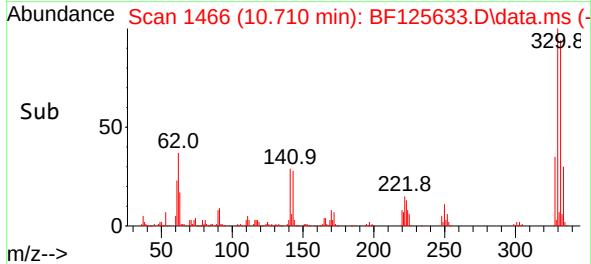


#42
 2,4,6-Tribromophenol
 Concen: 131.839 ng
 RT: 10.710 min Scan# 1466
 Delta R.T. -0.006 min
 Lab File: BF125633.D
 Acq: 24 Sep 2021 21:52

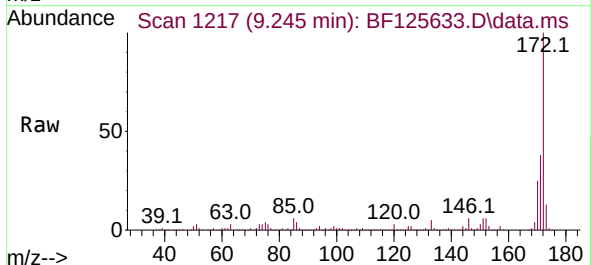
Instrument :
 BNA_F
 ClientSampleId :
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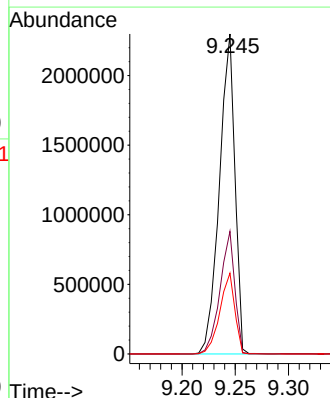
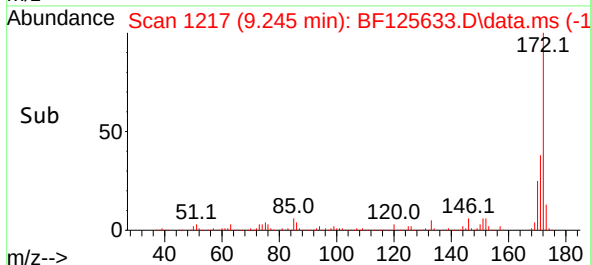
Tgt Ion: 330 Resp: 552362
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.2 114.4
 141 30.8 44.6 66.8#

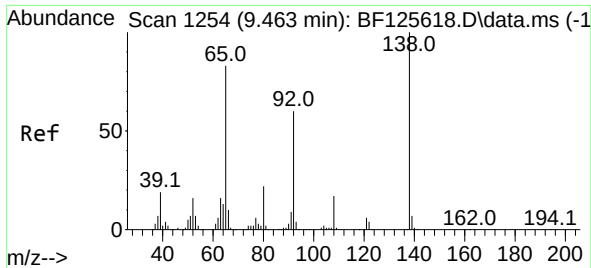


#45
 2-Fluorobiphenyl
 Concen: 94.658 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BF125633.D
 Acq: 24 Sep 2021 21:52



Tgt Ion: 172 Resp: 2329232
 Ion Ratio Lower Upper
 172 100
 171 38.3 26.5 39.7
 170 25.3 18.8 28.2

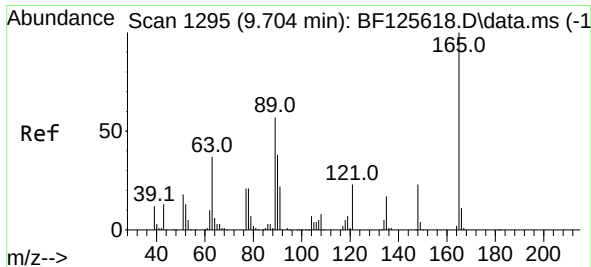
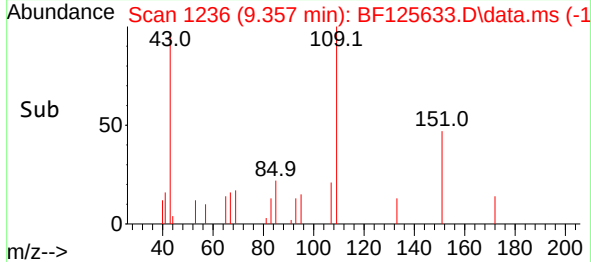
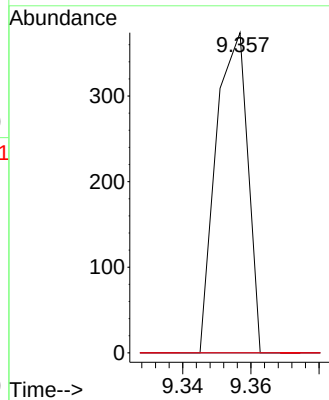
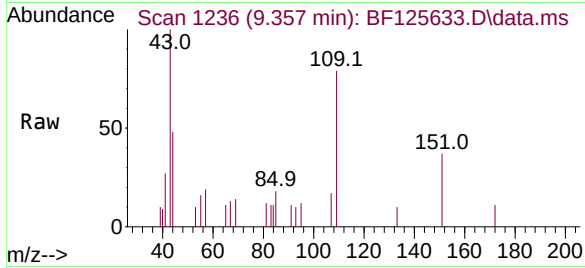




#48
2-Nitroaniline
Concen: 4.191 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.106 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

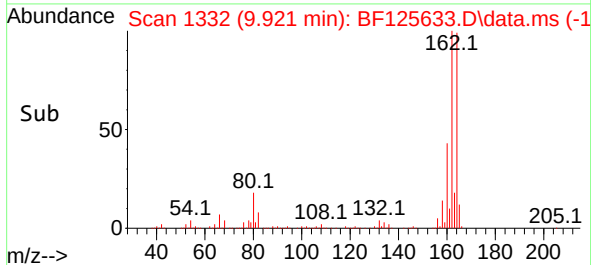
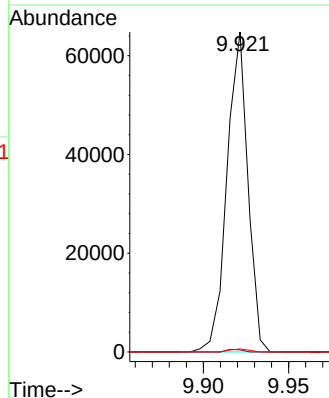
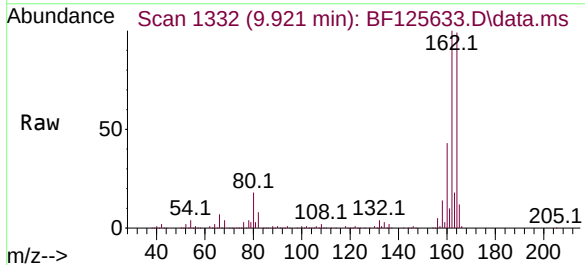
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

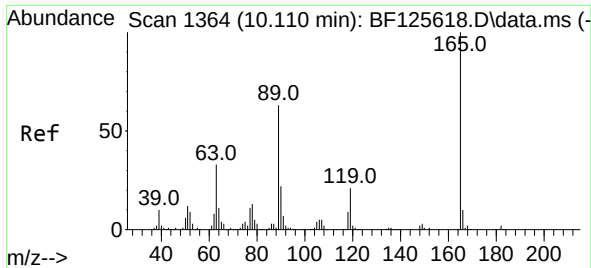
Tgt Ion: 65 Resp: 241
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.305 ng
RT: 9.921 min Scan# 1332
Delta R.T. 0.217 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

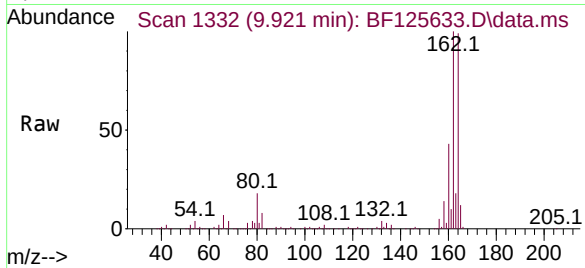
Tgt Ion: 165 Resp: 55232
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.0 40.6 60.8#



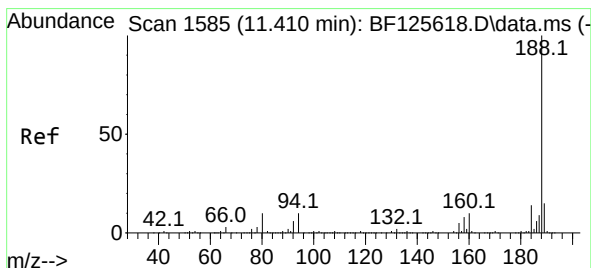
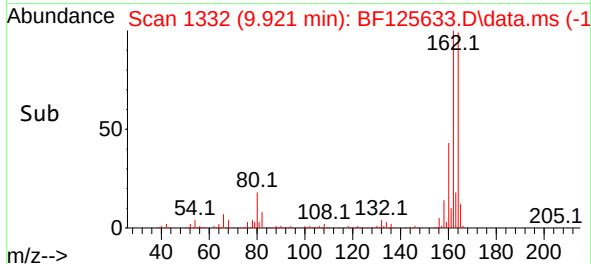
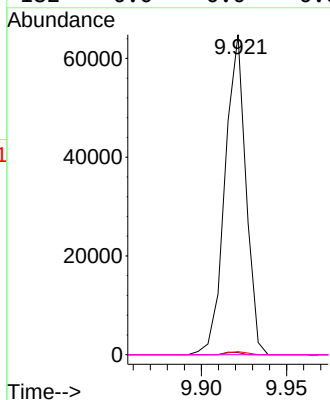


#57
2,4-Dinitrotoluene
Concen: 11.265 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.189 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

Instrument :
BNA_F
ClientSampleId :
P287-DITCH

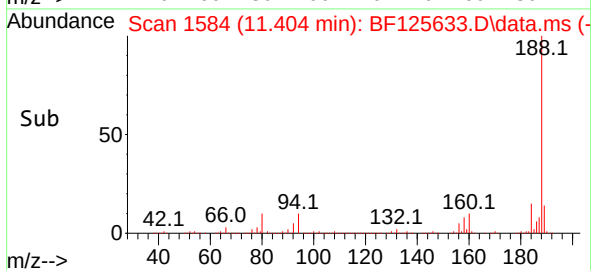
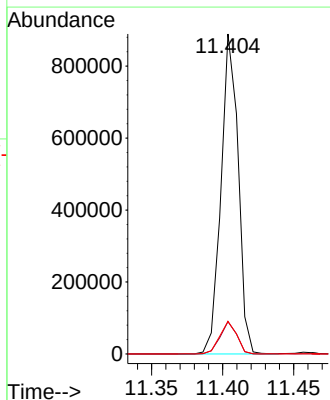
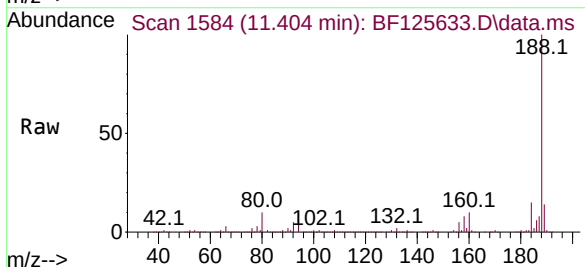


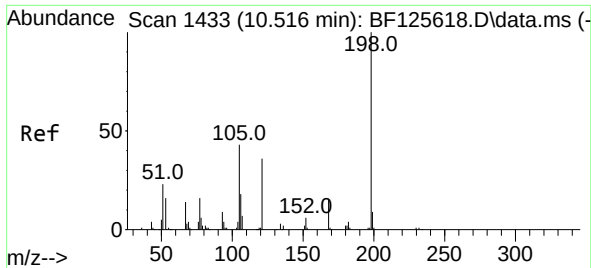
Tgt Ion:165 Resp: 55232
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

Tgt Ion:188 Resp: 745668
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 10.2 7.5 11.3

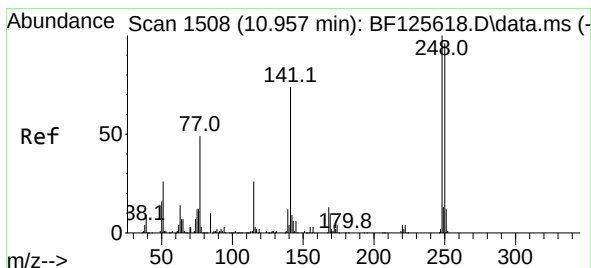
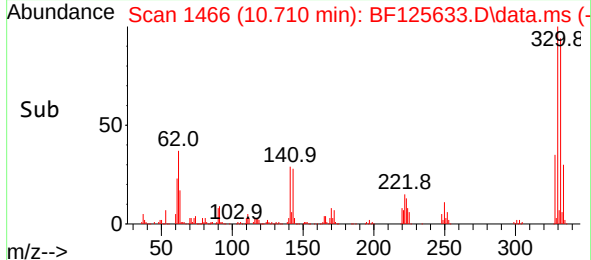
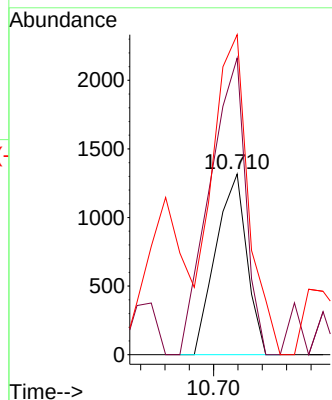
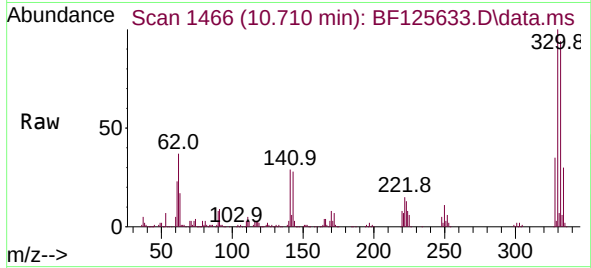




#65
4,6-Dinitro-2-methylphenol
Concen: 9.274 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

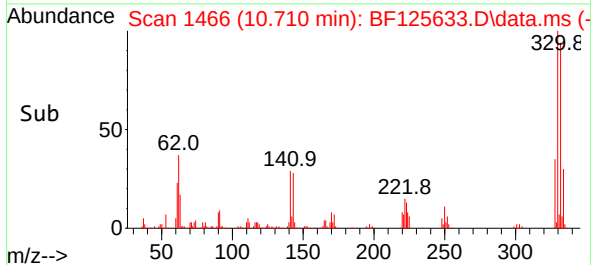
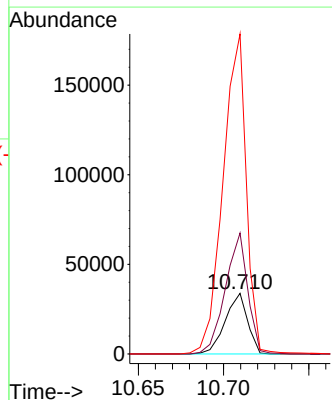
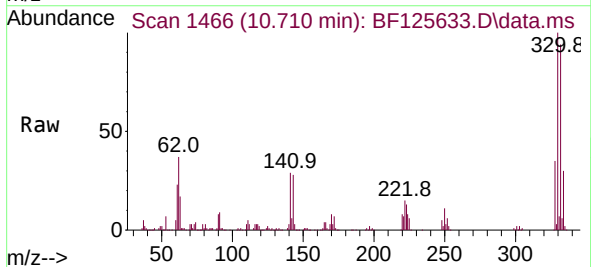
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

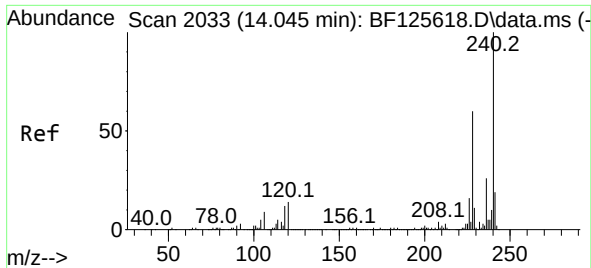
Tgt Ion:198 Resp: 1166
Ion Ratio Lower Upper
198 100
51 164.2 45.3 85.3#
105 177.1 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.938 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

Tgt Ion:248 Resp: 30819
Ion Ratio Lower Upper
248 100
250 199.7 74.2 111.4#
141 528.2 60.4 90.6#

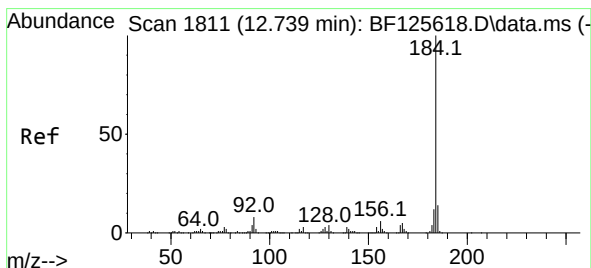
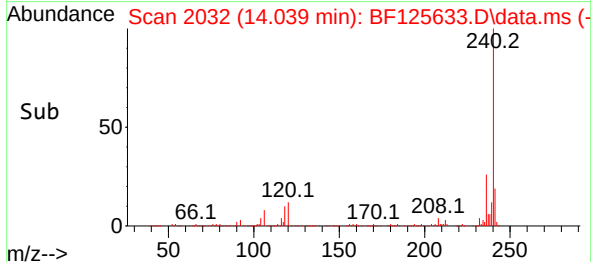
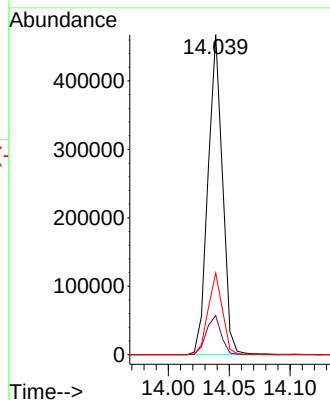
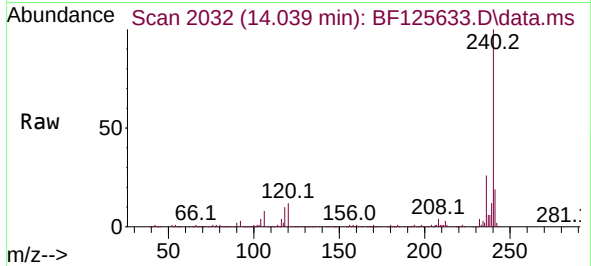




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

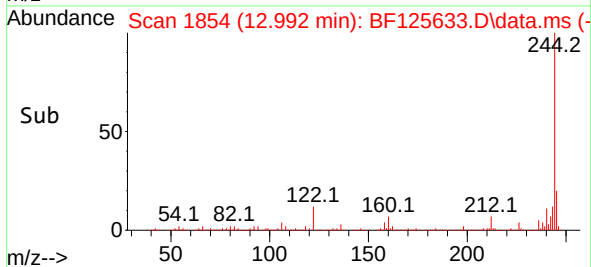
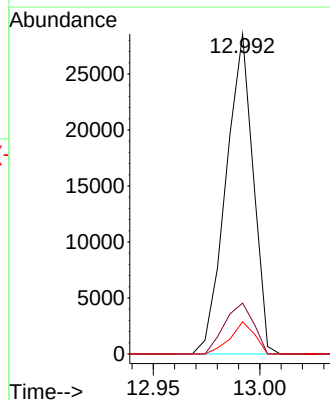
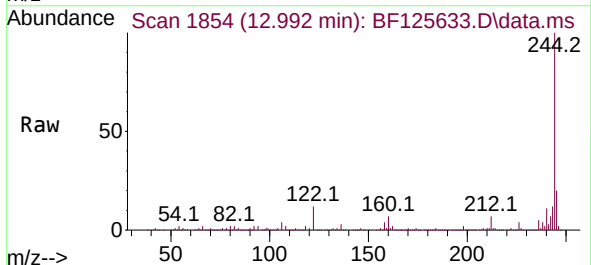
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

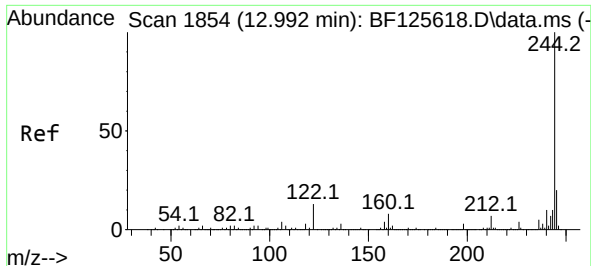
Tgt Ion:240	Resp: 387713
Ion Ratio	Lower Upper
240 100	
120 12.2	10.8 16.2
236 25.5	21.6 32.4



#77
Benzidine
Concen: 2.487 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

Tgt Ion:184	Resp: 25327
Ion Ratio	Lower Upper
184 100	
185 15.9	10.8 16.2
183 10.0	8.1 12.1

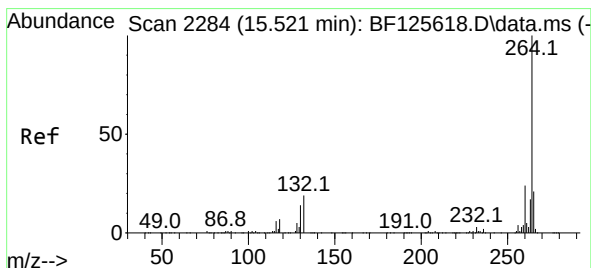
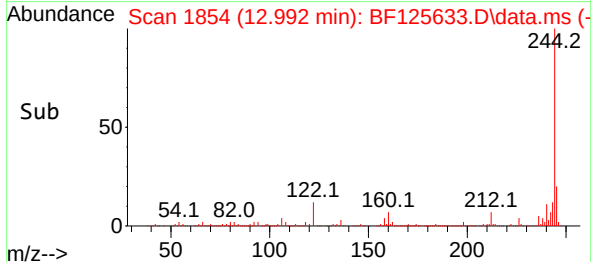
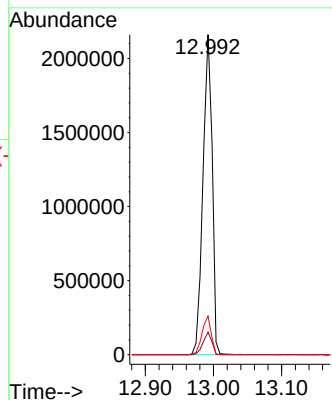
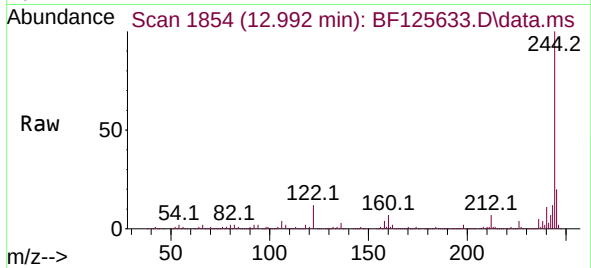




#79
Terphenyl-d14
Concen: 90.842 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125633.D
Acq: 24 Sep 2021 21:52

Instrument :
BNA_F
ClientSampleId :
P287-DITCH

Tgt Ion:244 Resp: 2033803
Ion Ratio Lower Upper
244 100
212 7.0 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: BF125633.D
Acq: 24 Sep 2021 21:52

Tgt Ion:264 Resp: 413080
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 20.0 17.2 25.8

