

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125696.D
 Acq On : 28 Sep 2021 19:06
 Operator : JU/CG
 Sample : M3954-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P287-DITCH

Quant Time: Sep 29 02:20:35 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)

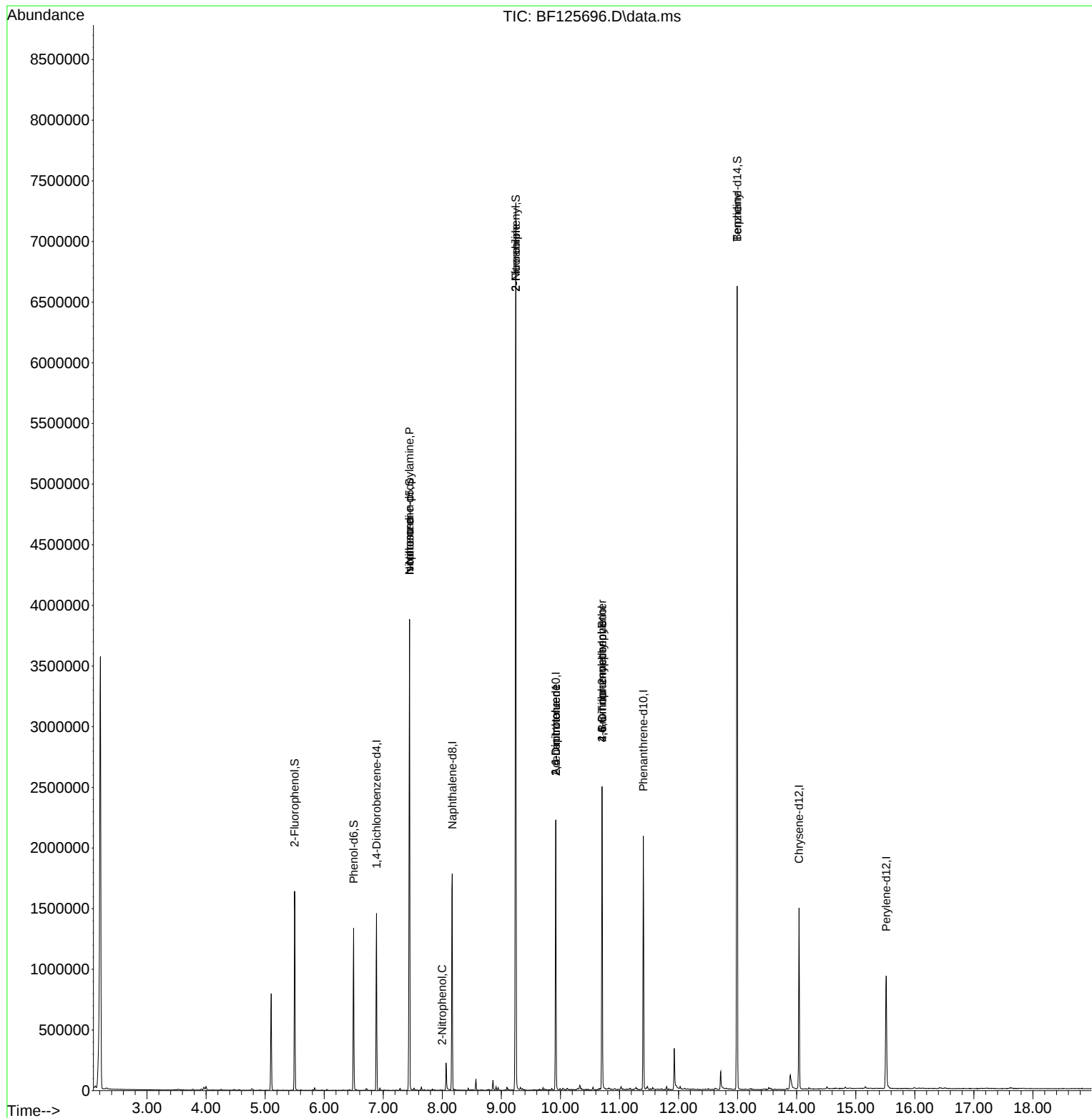
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	207244	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	842627	20.000	ng	# 0.00
39) Acenaphthene-d10	9.921	164	429408	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	717457	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	455699	20.000	ng	0.00
86) Perylene-d12	15.515	264	431775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	493111	39.202	ng	0.00
7) Phenol-d6	6.498	99	410498	24.274	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1259982	104.298	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	302692	75.604	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	2305240	98.602	ng	0.00
79) Terphenyl-d14	12.992	244	2296922	87.288	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.433	77	192	Below Cal	#	84
19) n-Nitroso-di-n-propyla...	7.445	70	157952	16.405	ng	# 50
25) Isophorone	7.445	82	1256218	46.432	ng	# 59
26) 2-Nitrophenol	7.998	139	328	5.779	ng	# 39
48) 2-Nitroaniline	9.245	65	3605	4.690	ng	# 7
51) 2,6-Dinitrotoluene	9.921	165	54976	12.645	ng	# 28
57) 2,4-Dinitrotoluene	9.921	165	54976	11.534	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	767	9.192	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	16792	2.230	ng	# 1
77) Benzidine	12.992	184	29458	2.461	ng	98

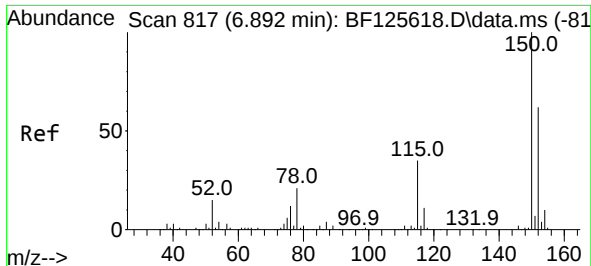
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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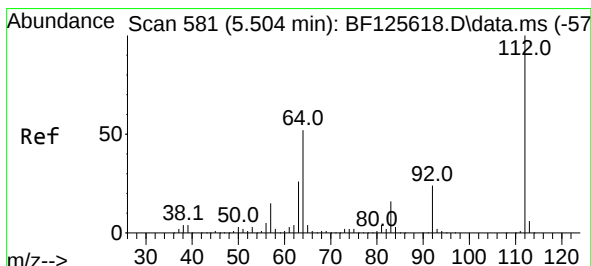
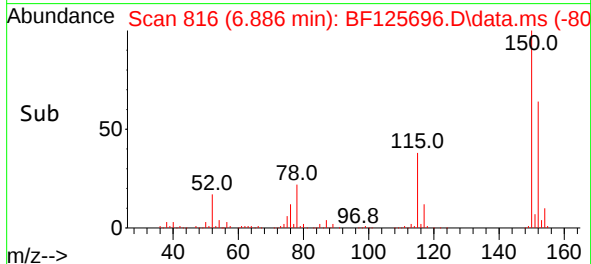
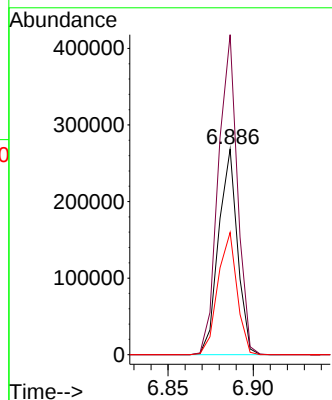
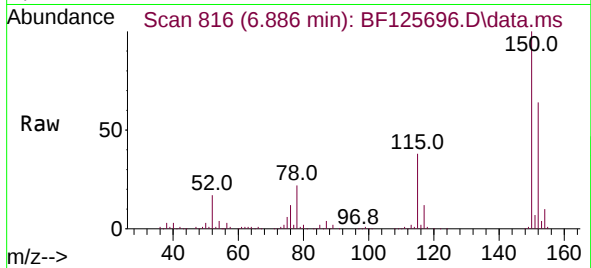




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

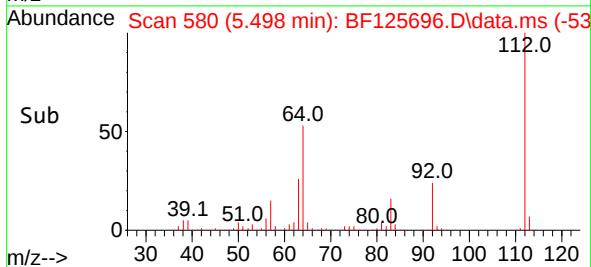
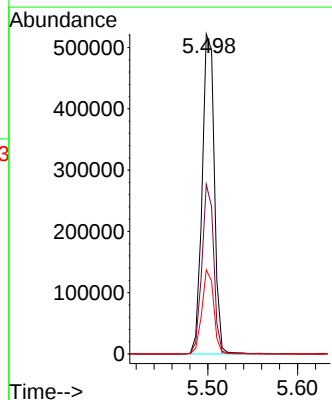
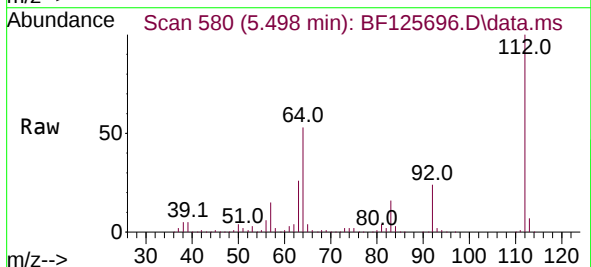
Instrument :
BNA_F
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P287-DITCH

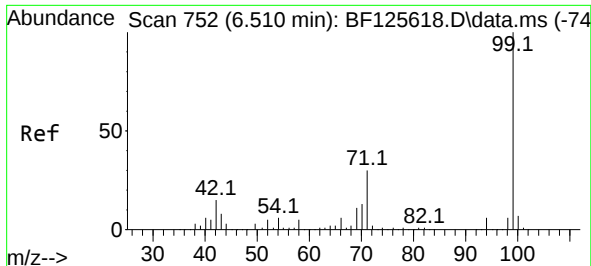
Tgt Ion:152 Resp: 207244
Ion Ratio Lower Upper
152 100
150 155.6 117.6 176.4
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 39.202 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

Tgt Ion:112 Resp: 493111
Ion Ratio Lower Upper
112 100
64 53.0 44.2 66.2
63 26.3 26.2 39.2

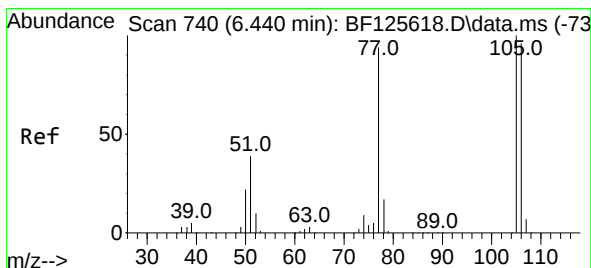
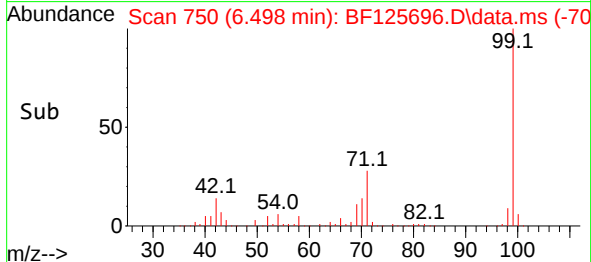
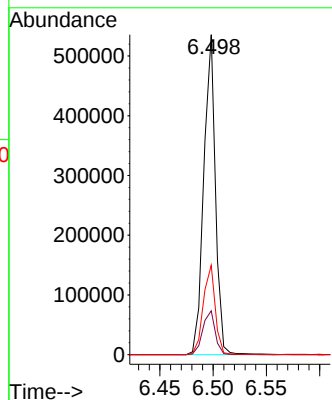
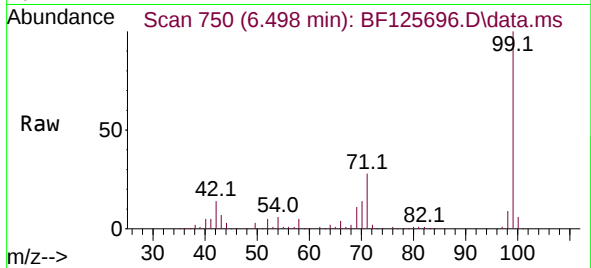




#7
Phenol-d6
Concen: 24.274 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

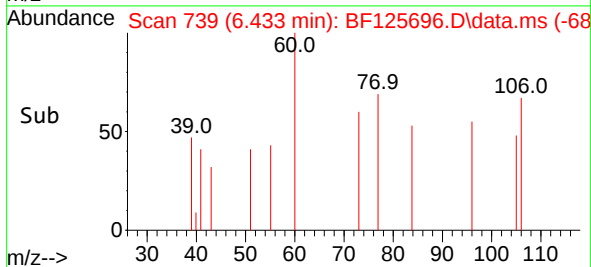
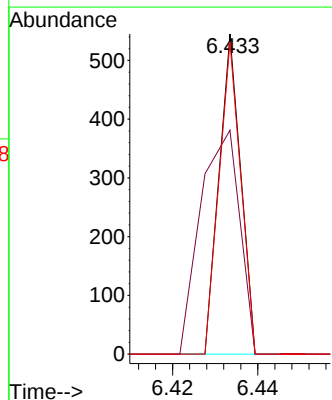
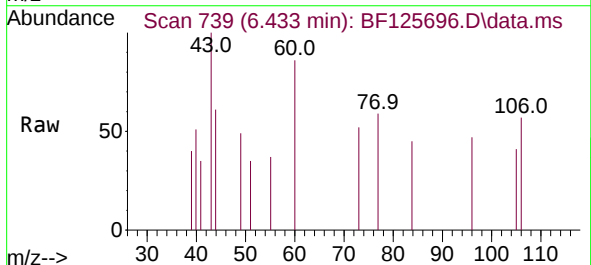
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

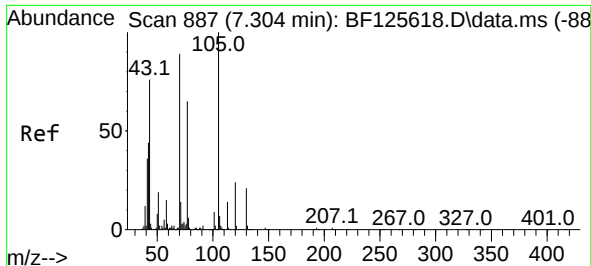
Tgt Ion: 99 Resp: 410498
Ion Ratio Lower Upper
99 100
42 13.7 23.5 35.3#
71 28.0 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.433 min Scan# 739
Delta R.T. -0.007 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

Tgt Ion: 77 Resp: 192
Ion Ratio Lower Upper
77 100
105 69.9 75.9 115.9#
106 97.4 84.0 124.0





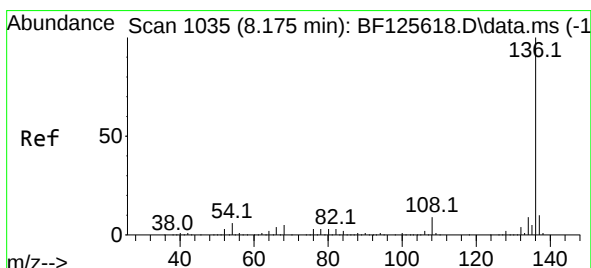
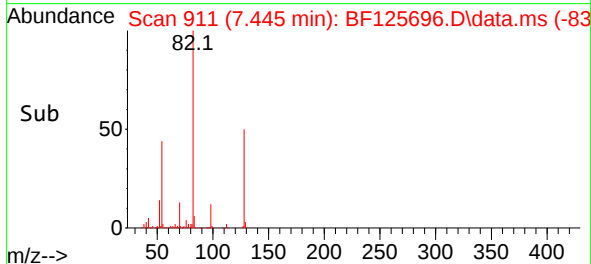
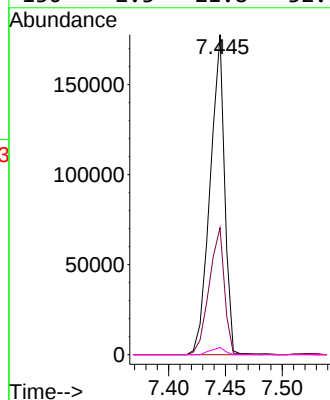
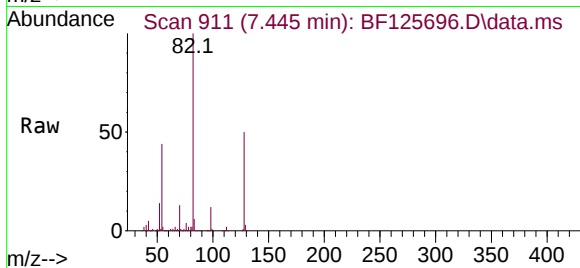
#19

n-Nitroso-di-n-propylamine
Concen: 16.405 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

Instrument :
BNA_F
ClientSampleId :
P287-DITCH

Tgt Ion: 70 Resp: 157952

Ion	Ratio	Lower	Upper
70	100		
42	39.6	72.2	108.2#
101	0.0	7.8	11.8#
130	2.3	21.8	32.6#

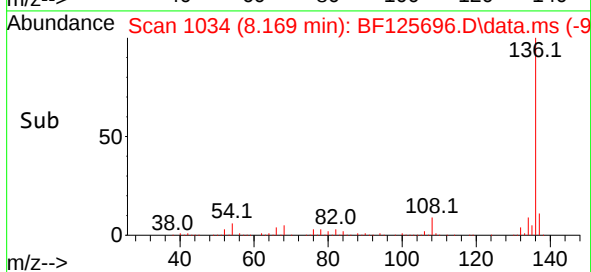
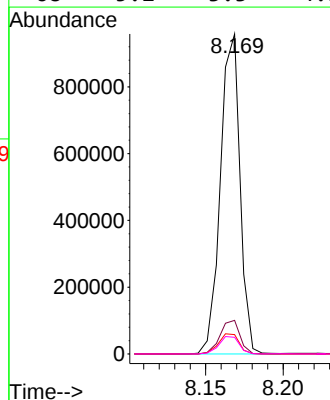
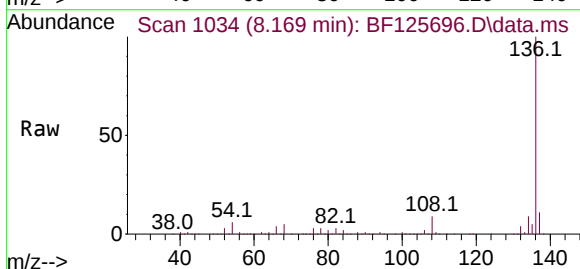


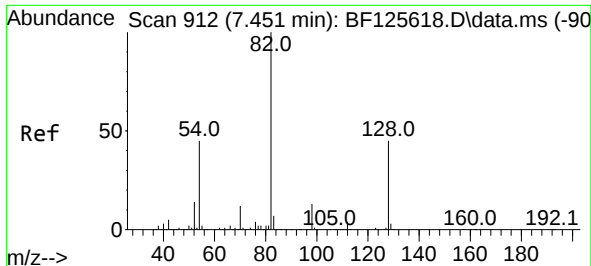
#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

Tgt Ion: 136 Resp: 842627

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	6.0	6.4	9.6#
68	5.2	3.3	4.9#

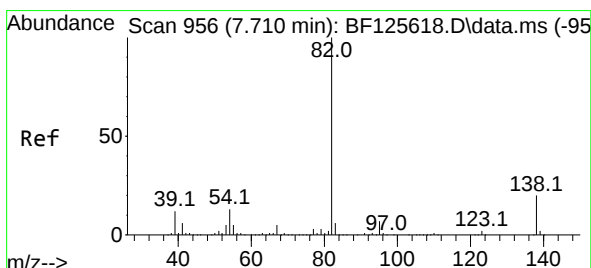
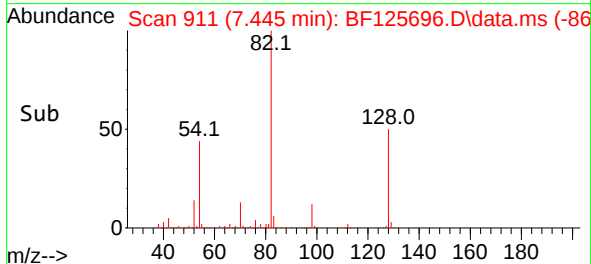
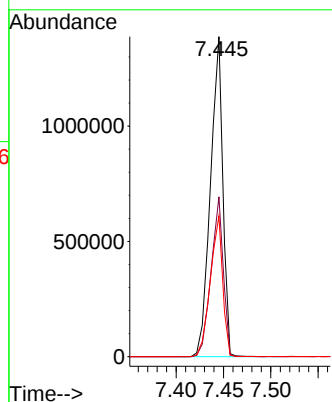
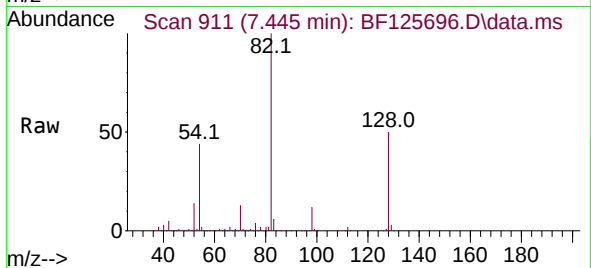




#23
Nitrobenzene-d5
Concen: 104.298 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

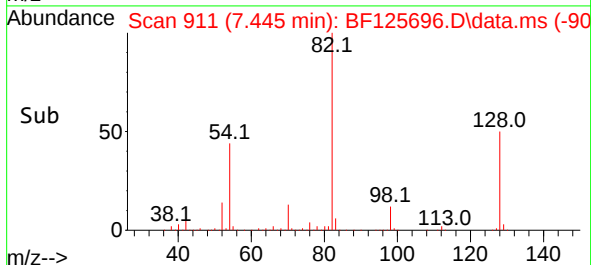
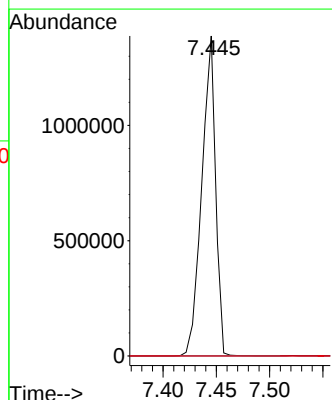
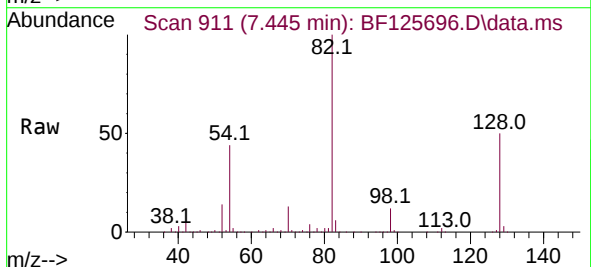
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

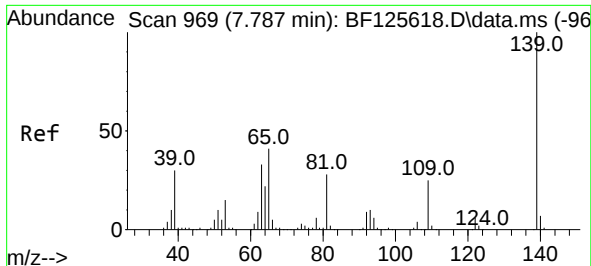
Tgt Ion: 82 Resp: 1259982
Ion Ratio Lower Upper
82 100
128 50.0 40.6 60.8
54 44.0 49.6 74.4#



#25
Isophorone
Concen: 46.432 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

Tgt Ion: 82 Resp: 1256218
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

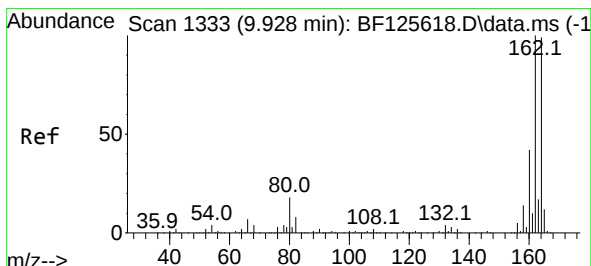
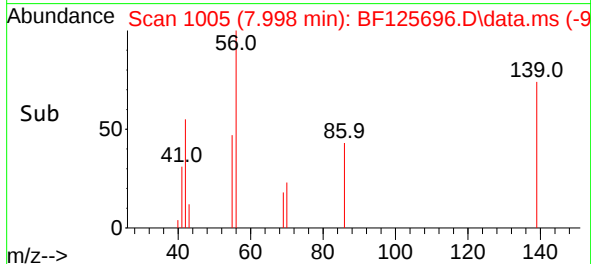
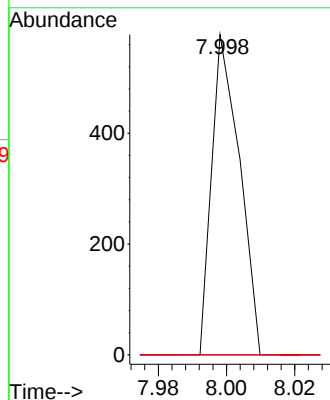
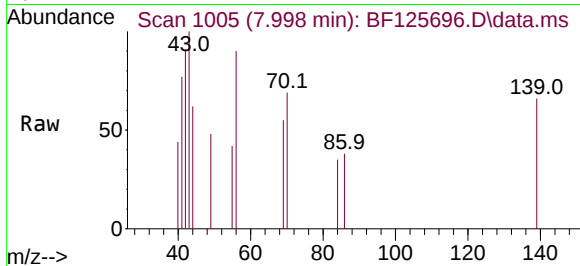




#26
2-Nitrophenol
Concen: 5.779 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.211 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

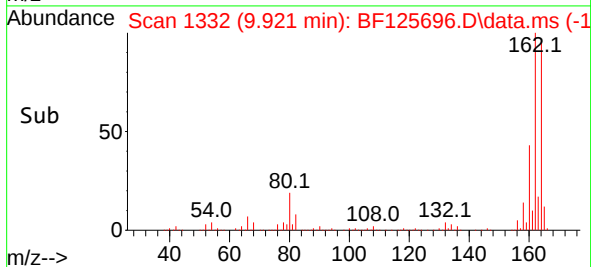
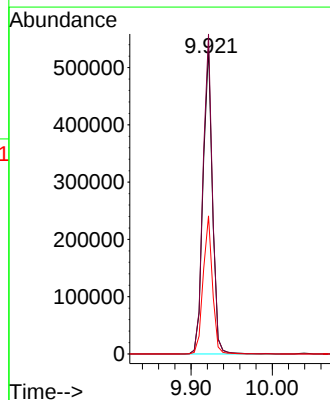
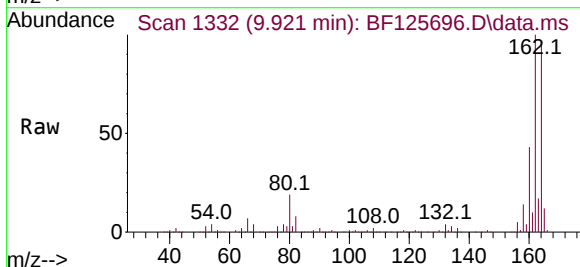
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

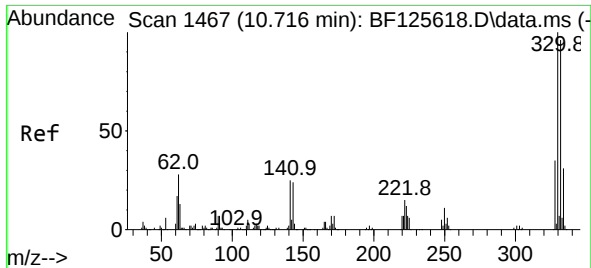
Tgt Ion:139 Resp: 328
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 0.0 31.0 46.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

Tgt Ion:164 Resp: 429408
Ion Ratio Lower Upper
164 100
162 104.3 81.3 121.9
160 45.0 38.0 57.0

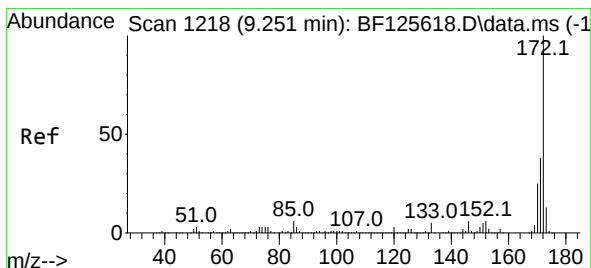
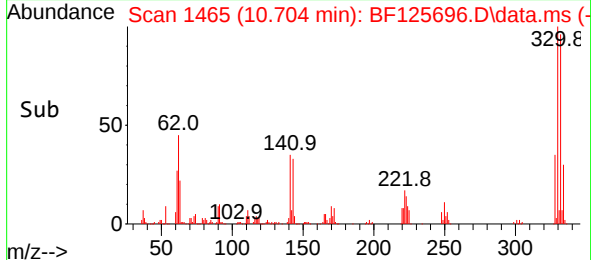
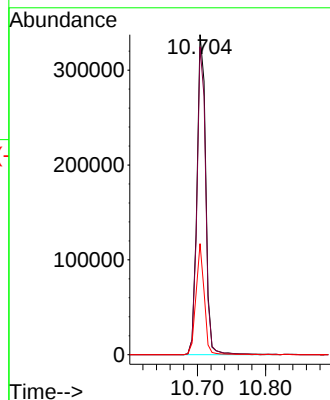
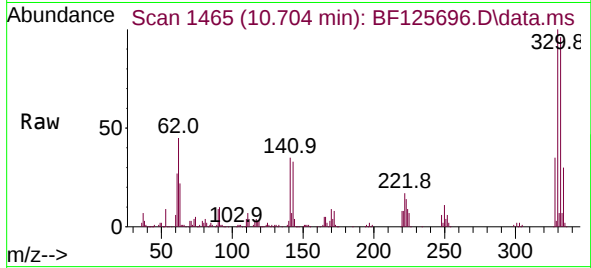




#42
 2,4,6-Tribromophenol
 Concen: 75.604 ng
 RT: 10.704 min Scan# 1465
 Delta R.T. -0.012 min
 Lab File: BF125696.D
 Acq: 28 Sep 2021 19:06

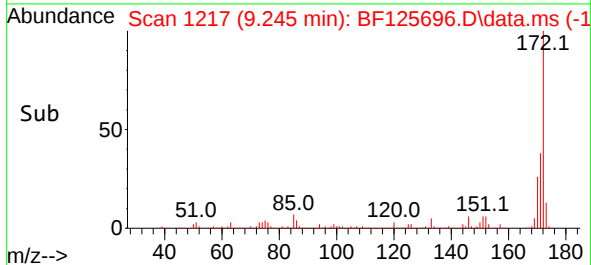
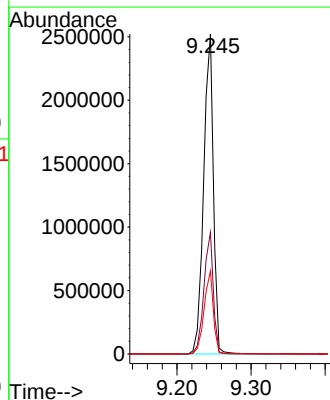
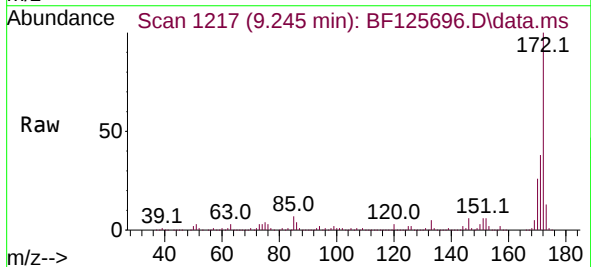
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 P287-DITCH

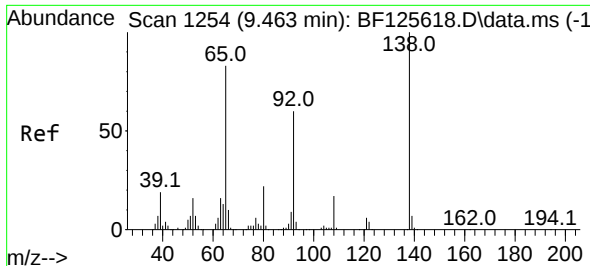
Tgt Ion: 330 Resp: 302692
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 32.5 44.6 66.8#



#45
 2-Fluorobiphenyl
 Concen: 98.602 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BF125696.D
 Acq: 28 Sep 2021 19:06

Tgt Ion: 172 Resp: 2305240
 Ion Ratio Lower Upper
 172 100
 171 38.0 26.5 39.7
 170 25.9 18.8 28.2

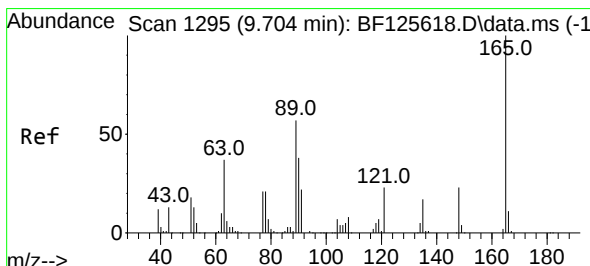
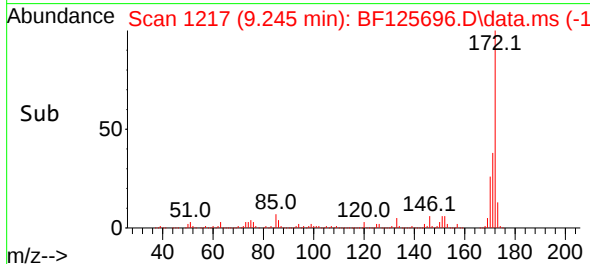
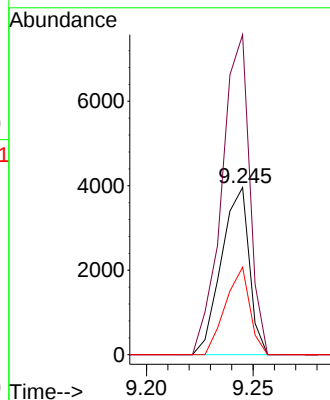
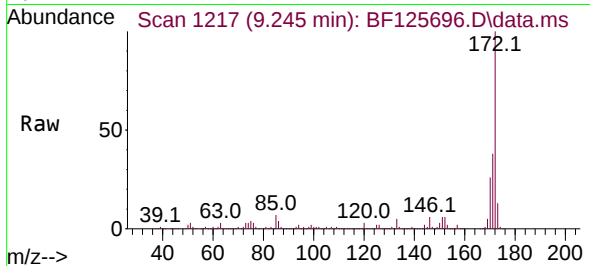




#48
2-Nitroaniline
Concen: 4.690 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

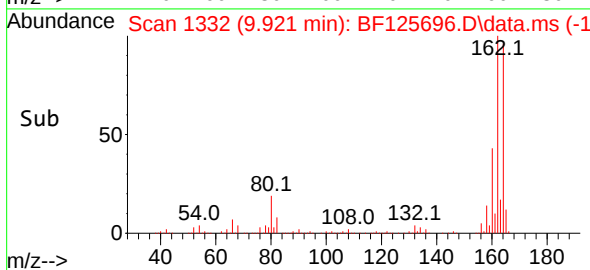
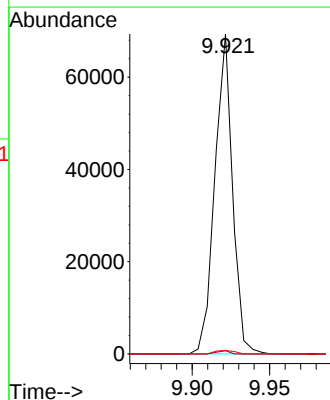
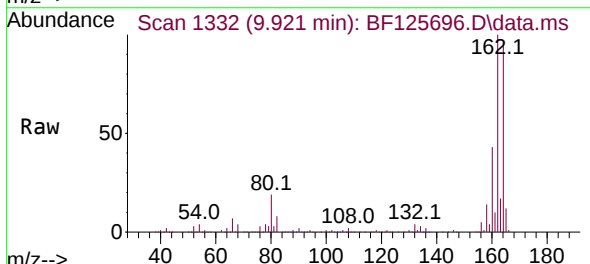
Instrument :
BNA_F
ClientSampled :
P287-DITCH

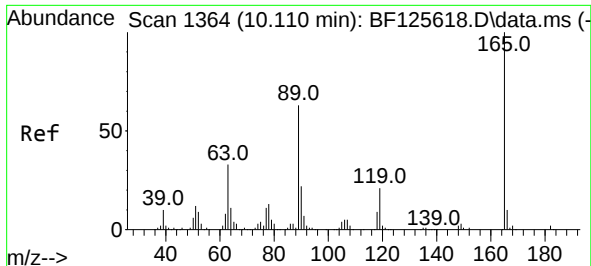
Tgt Ion: 65 Resp: 3605
Ion Ratio Lower Upper
65 100
92 191.4 55.5 83.3#
138 52.3 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.645 ng
RT: 9.921 min Scan# 1332
Delta R.T. 0.217 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

Tgt Ion:165 Resp: 54976
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.1 40.6 60.8#

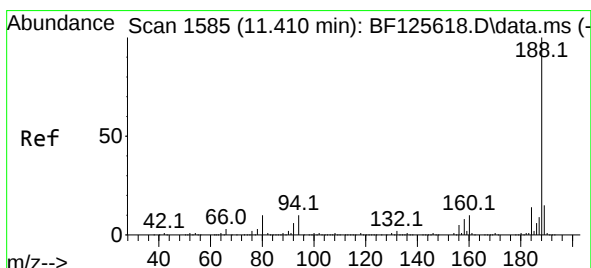
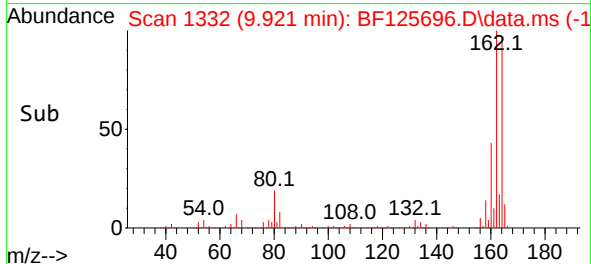
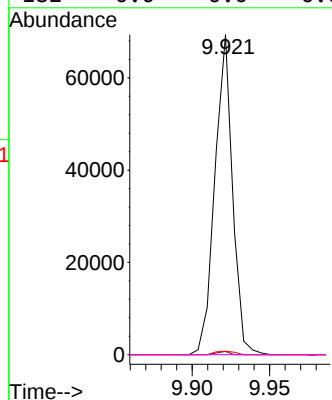
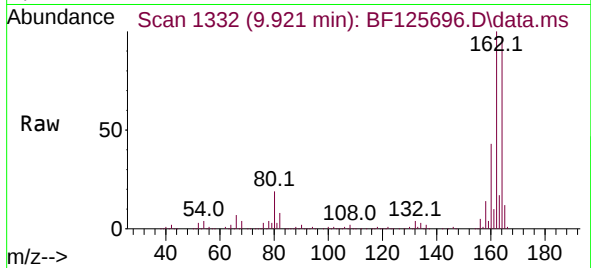




#57
2,4-Dinitrotoluene
Concen: 11.534 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.189 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

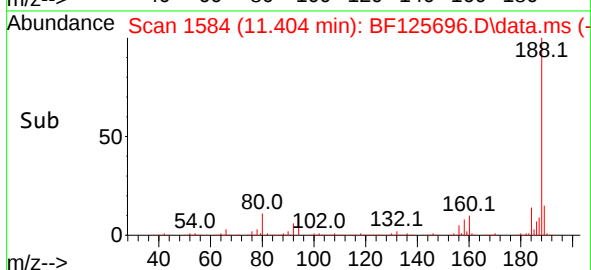
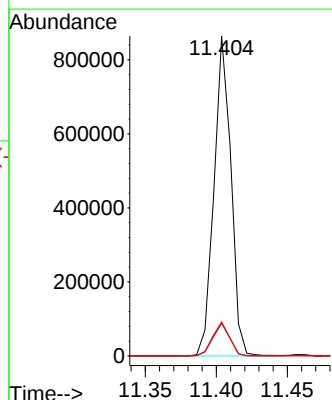
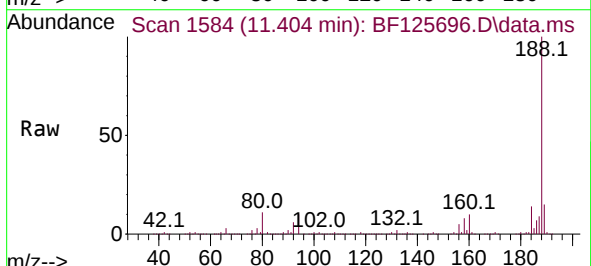
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

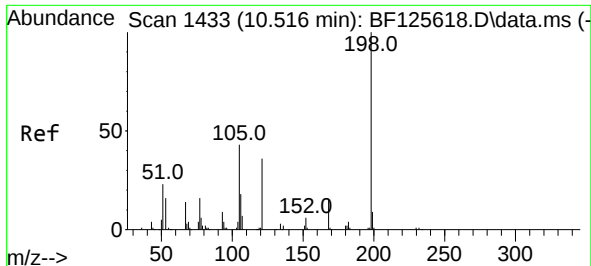
Tgt Ion:	165	Resp:	54976
Ion Ratio	Lower	Upper	
165	100		
63	1.0	40.9	61.3#
89	1.1	59.7	89.5#
182	0.0	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

Tgt Ion:	188	Resp:	717457
Ion Ratio	Lower	Upper	
188	100		
94	10.2	6.7	10.1#
80	10.7	7.5	11.3

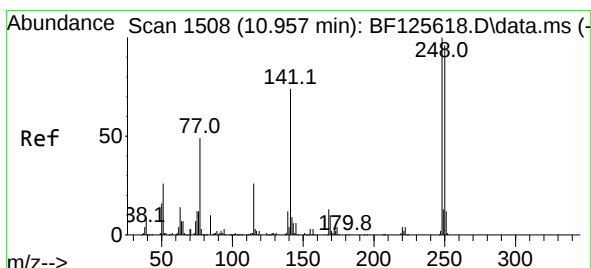
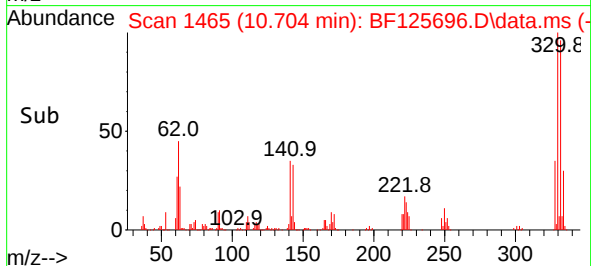
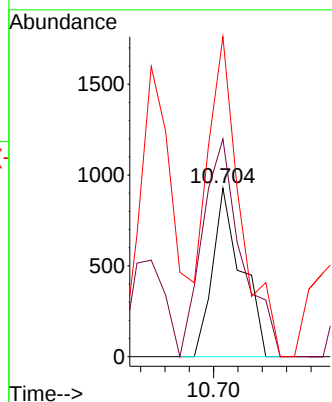
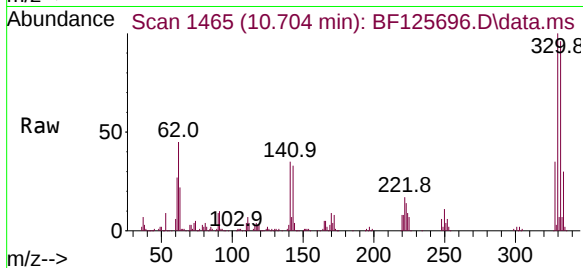




#65
4,6-Dinitro-2-methylphenol
Concen: 9.192 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

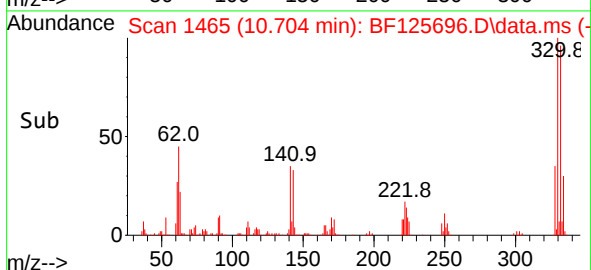
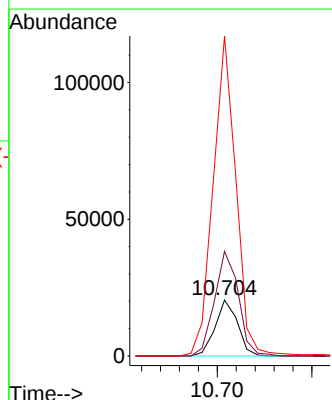
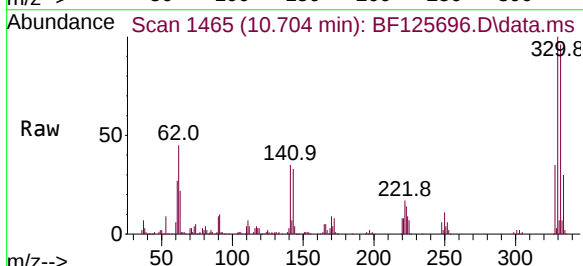
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

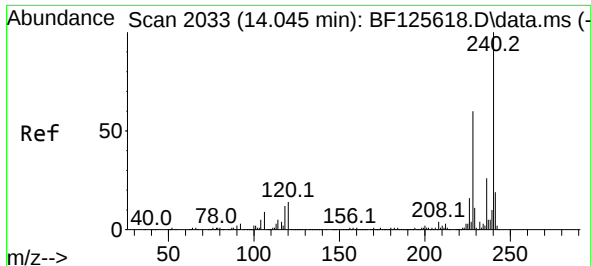
Tgt Ion:198 Resp: 767
Ion Ratio Lower Upper
198 100
51 129.2 45.3 85.3#
105 189.9 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 2.230 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

Tgt Ion:248 Resp: 16792
Ion Ratio Lower Upper
248 100
250 187.5 74.2 111.4#
141 573.4 60.4 90.6#

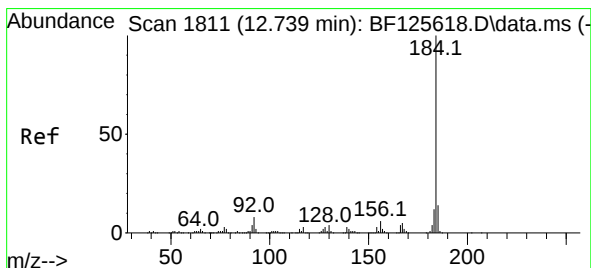
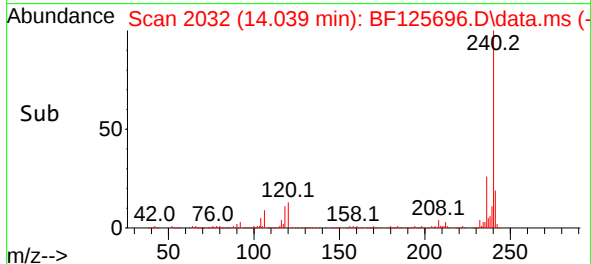
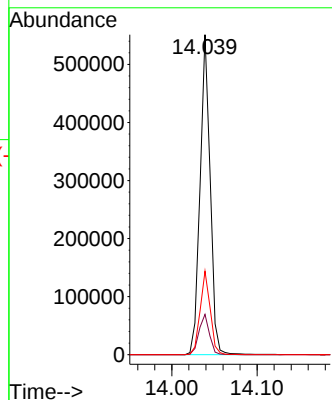
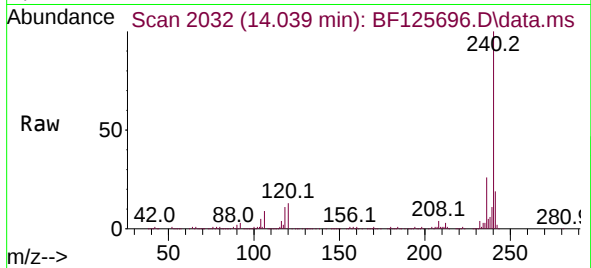




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

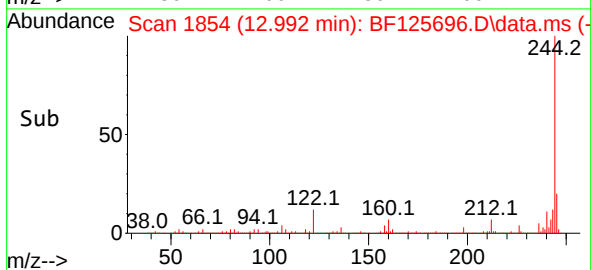
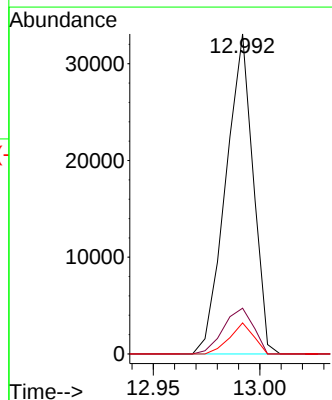
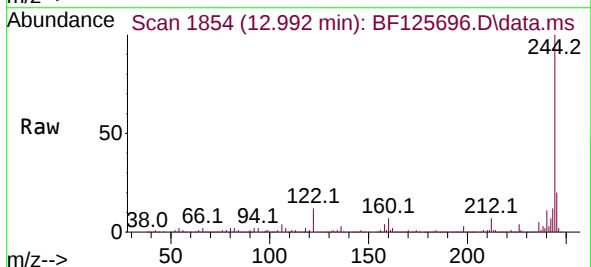
Instrument :
BNA_F
ClientSampleId :
P287-DITCH

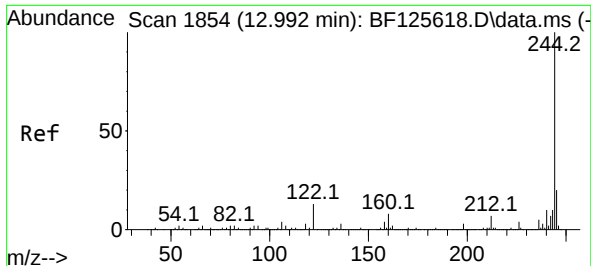
Tgt Ion:240 Resp: 455699
Ion Ratio Lower Upper
240 100
120 12.6 10.8 16.2
236 26.1 21.6 32.4



#77
Benzidine
Concen: 2.461 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125696.D
Acq: 28 Sep 2021 19:06

Tgt Ion:184 Resp: 29458
Ion Ratio Lower Upper
184 100
185 14.3 10.8 16.2
183 9.7 8.1 12.1

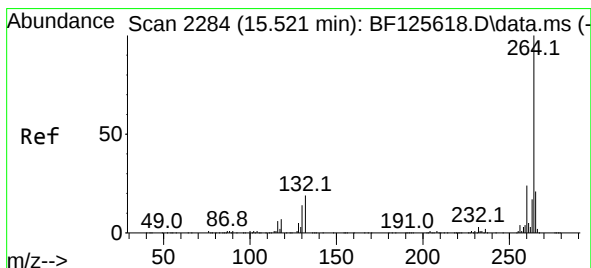
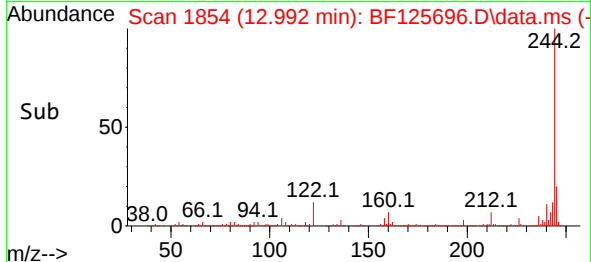
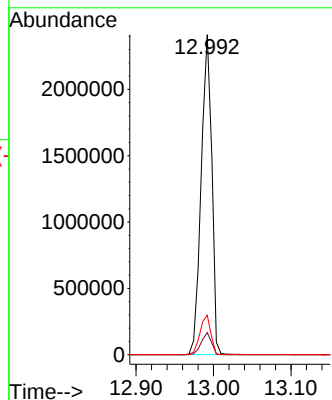
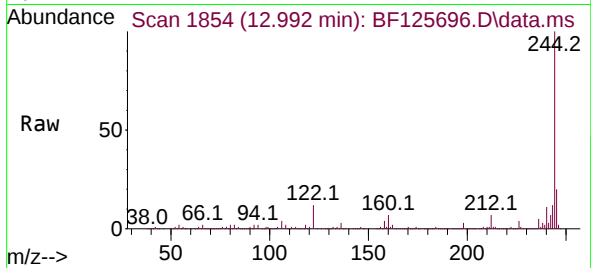




#79
 Terphenyl-d14
 Concen: 87.288 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF125696.D
 Acq: 28 Sep 2021 19:06

Instrument :
 BNA_F
 ClientSampleId :
 P287-DITCH

Tgt Ion:244 Resp: 2296922
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 12.3 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: BF125696.D
 Acq: 28 Sep 2021 19:06

Tgt Ion:264 Resp: 431775
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.3 17.2 25.8

