

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125484.D
 Acq On : 14 Sep 2021 20:41
 Operator : JU/CG
 Sample : M3724-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-COMP

Quant Time: Sep 15 01:06:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 14 17:17:24 2021
 Response via : Initial Calibration

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

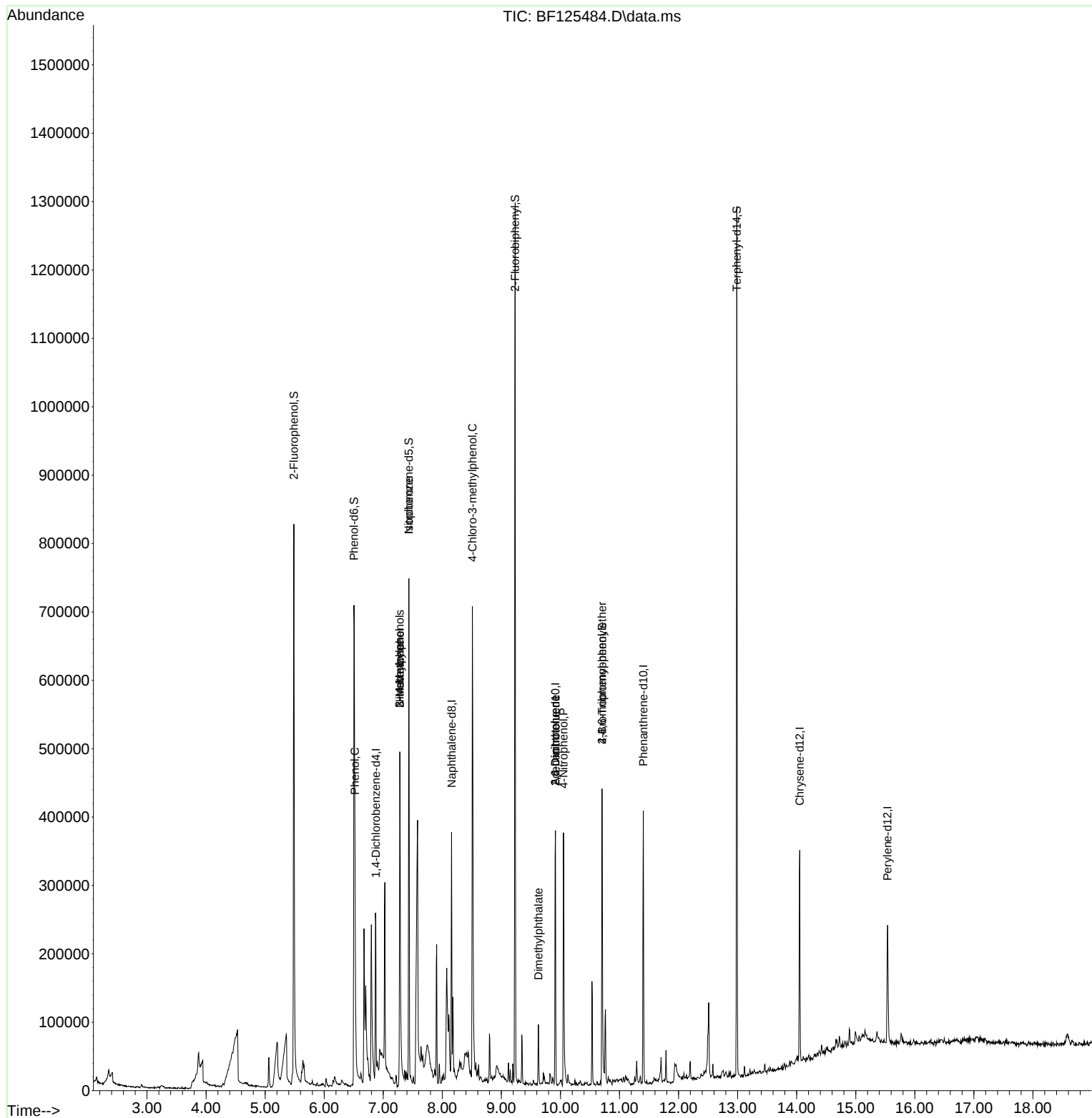
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	34114	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	142703	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	74441	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	142980	20.000	ng	0.00
76) Chrysene-d12	14.051	240	114021	20.000	ng	#-0.01
86) Perylene-d12	15.539	264	82857	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	222643	98.784	ng	-0.02
7) Phenol-d6	6.504	99	255899	87.789	ng	-0.02
23) Nitrobenzene-d5	7.434	82	194099	68.476	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	57239	77.029	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	374940	70.199	ng	0.00
79) Terphenyl-d14	12.986	244	391281	54.669	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.522	94	92632	30.345	ng	99
17) 2-Methylphenol	7.281	107	131053	67.853	ng	# 73
20) 3+4-Methylphenols	7.281	107	131053	54.055	ng	# 73
24) Nitrobenzene	7.281	77	41292	13.369	ng	# 39
25) Isophorone	7.434	82	194096	35.495	ng	# 59
36) 4-Chloro-3-methylphenol	8.510	107	360674	160.451	ng	# 17
50) Dimethylphthalate	9.628	163	26319	5.102	ng	# 98
51) 2,6-Dinitrotoluene	9.916	165	9370	8.377	ng	# 26
56) 4-Nitrophenol	10.051	139	8647	9.052	ng	# 38
57) 2,4-Dinitrotoluene	9.916	165	9370	6.921	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	3550	2.068	ng	# 1

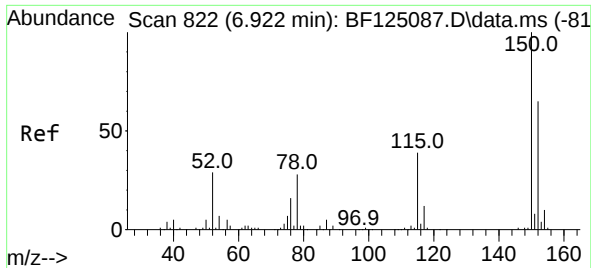
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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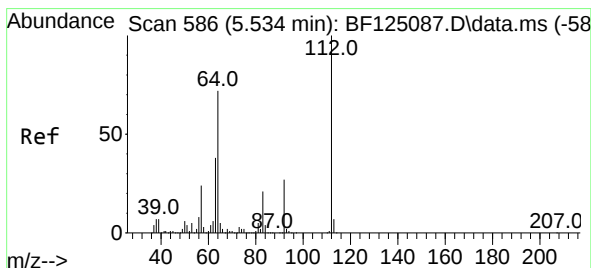
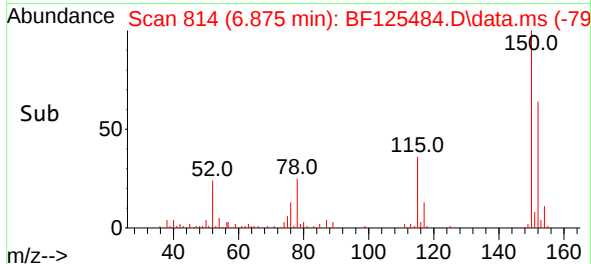
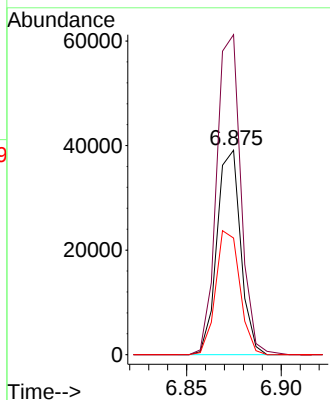
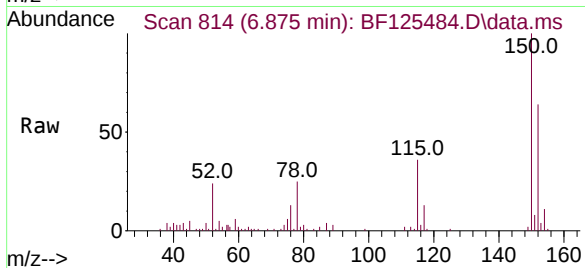




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

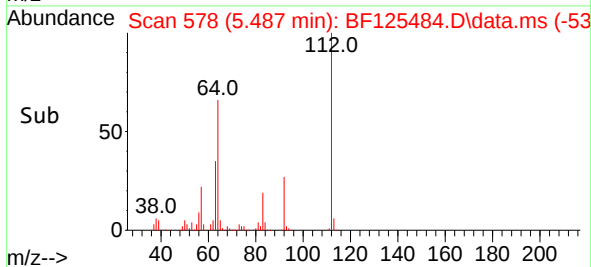
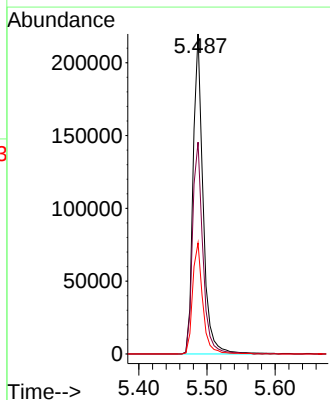
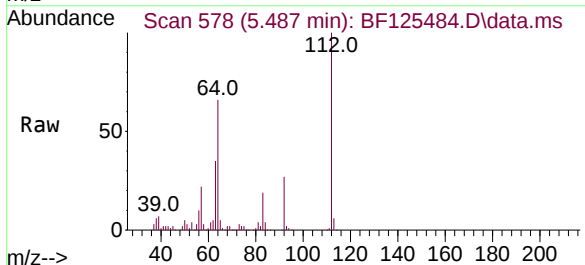
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

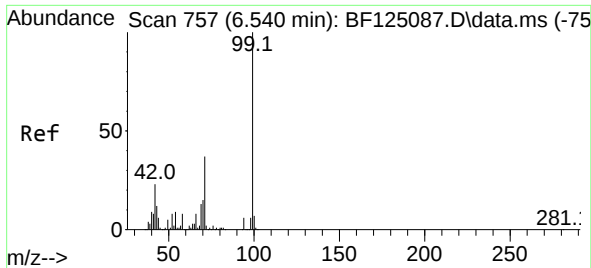
Tgt Ion:152 Resp: 34114
Ion Ratio Lower Upper
152 100
150 156.5 117.6 176.4
115 57.0 47.1 70.7



#5
2-Fluorophenol
Concen: 98.784 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.018 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion:112 Resp: 222643
Ion Ratio Lower Upper
112 100
64 66.2 44.2 66.2
63 34.7 26.2 39.2

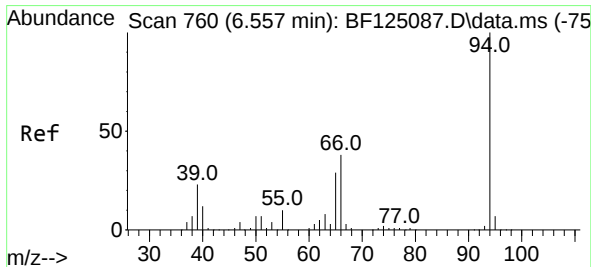
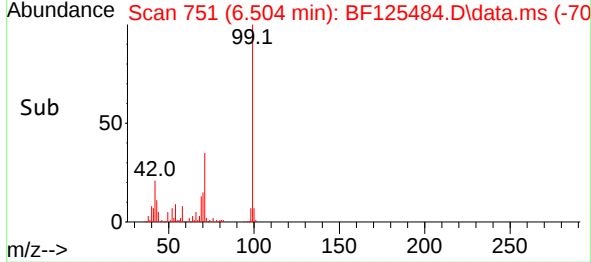
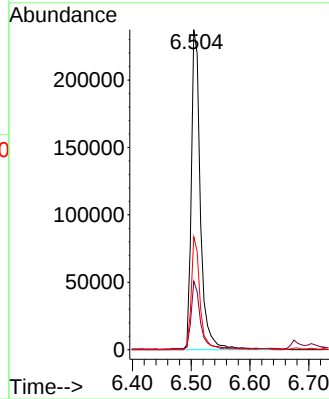
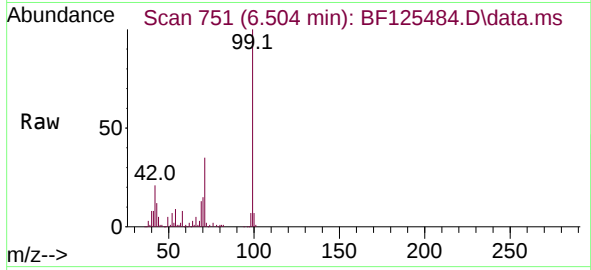




#7
Phenol-d6
Concen: 87.789 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

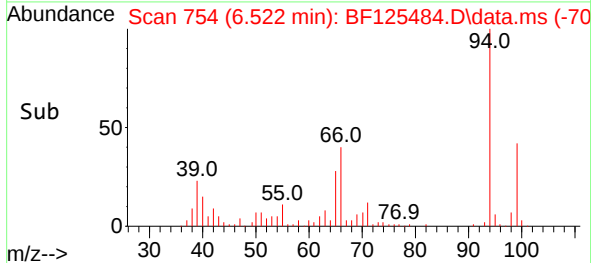
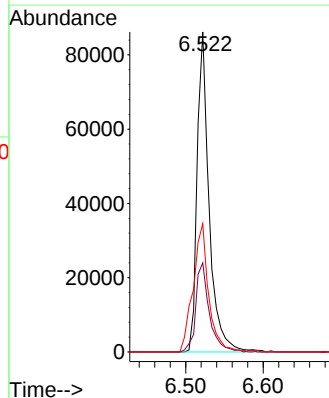
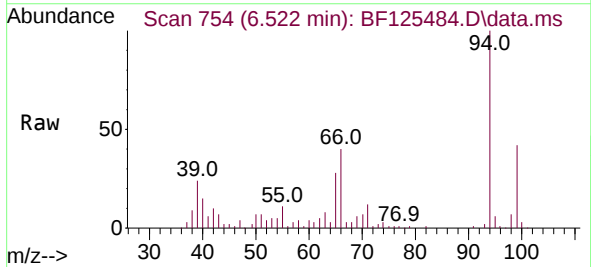
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

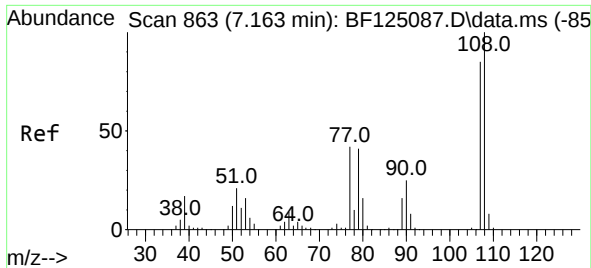
Tgt Ion: 99 Resp: 255899
Ion Ratio Lower Upper
99 100
42 21.4 23.5 35.3#
71 35.3 25.6 38.4



#10
Phenol
Concen: 30.345 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion: 94 Resp: 92632
Ion Ratio Lower Upper
94 100
65 27.8 9.3 49.3
66 40.1 20.3 60.3

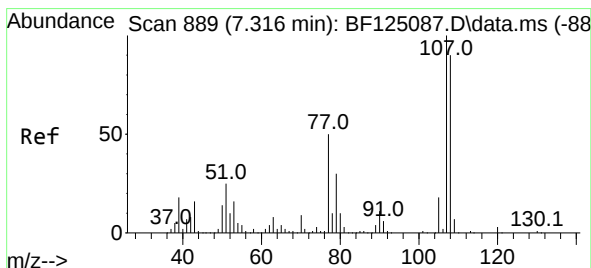
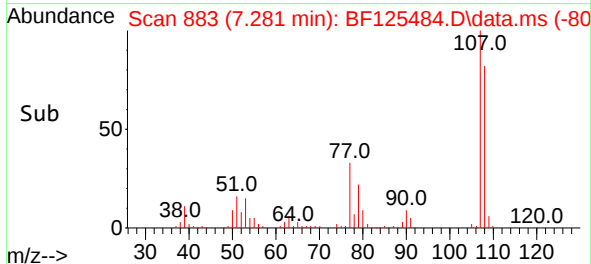
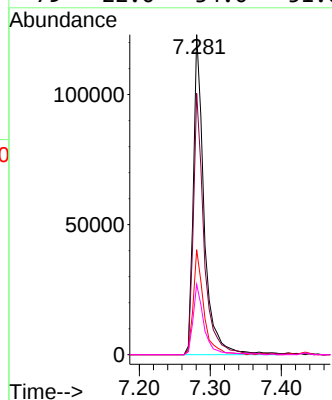
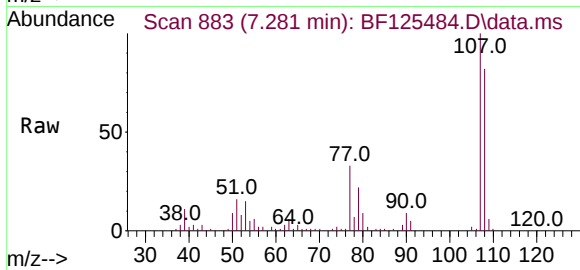




#17
2-Methylphenol
Concen: 67.853 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

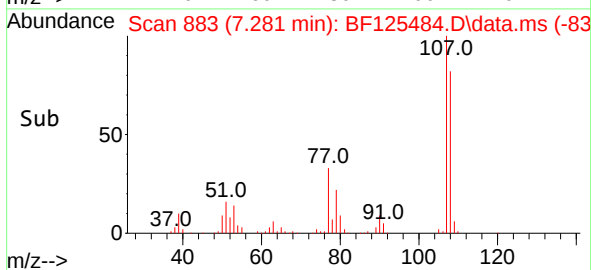
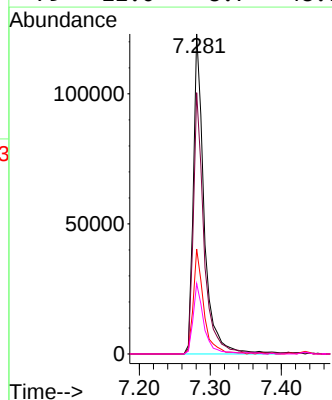
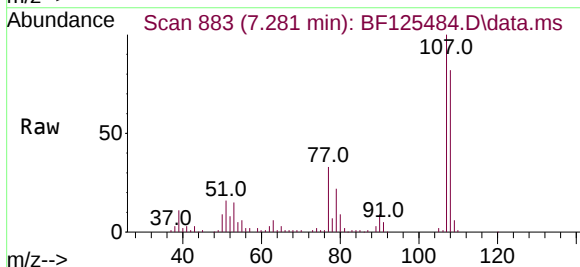
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

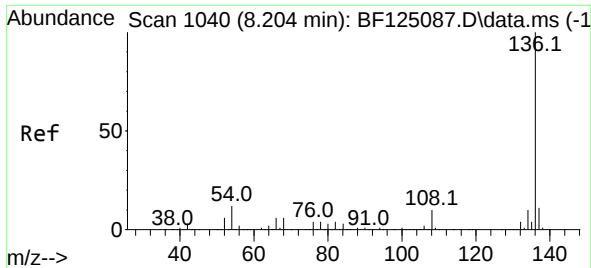
Tgt Ion:	107	Resp:	131053
Ion	Ratio	Lower	Upper
107	100		
108	81.7	90.6	135.8#
77	32.8	35.7	53.5#
79	22.0	34.0	51.0#



#20
3+4-Methylphenols
Concen: 54.055 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion:	107	Resp:	131053
Ion	Ratio	Lower	Upper
107	100		
108	81.7	76.6	116.6
77	32.8	53.3	93.3#
79	22.0	8.7	48.7

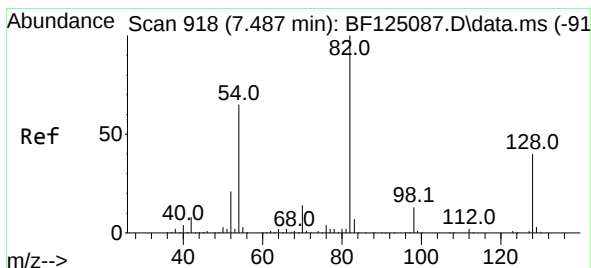
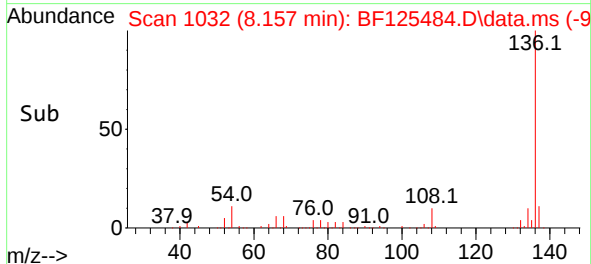
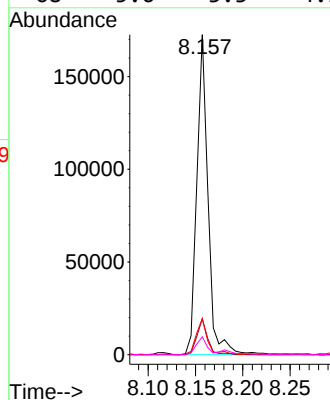
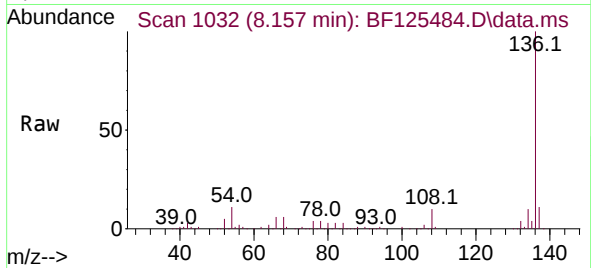




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

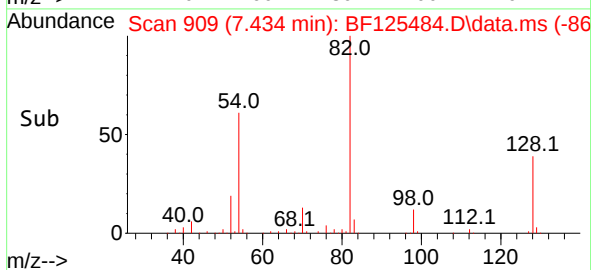
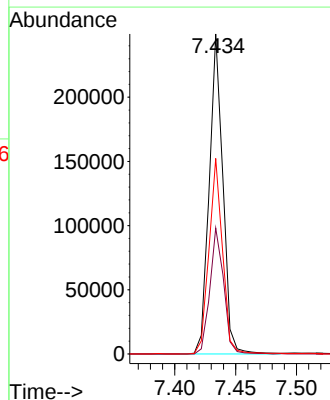
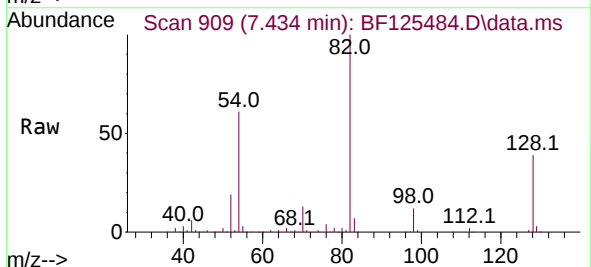
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

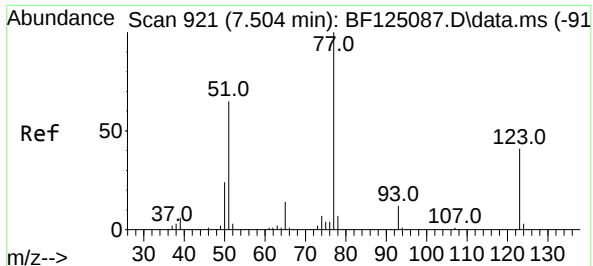
Tgt Ion:	136	Resp:	142703
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.8	14.6
54	11.2	6.4	9.6#
68	5.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 68.476 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion:	82	Resp:	194099
Ion Ratio	Lower	Upper	
82	100		
128	39.3	40.6	60.8#
54	61.1	49.6	74.4

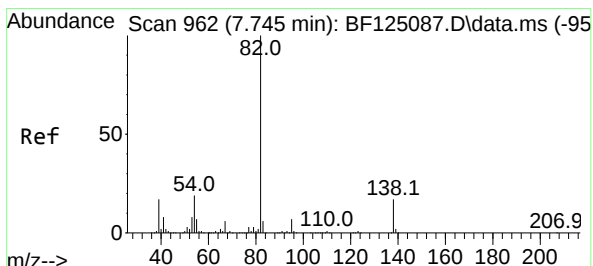
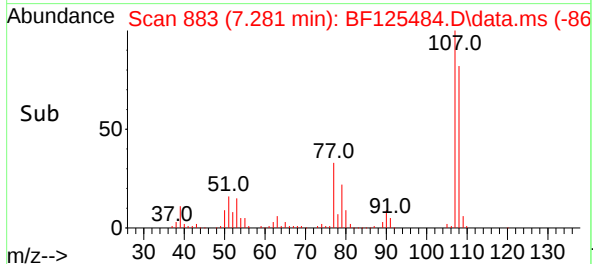
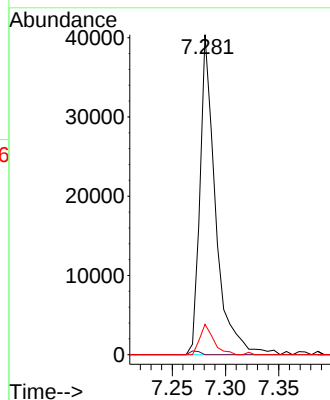
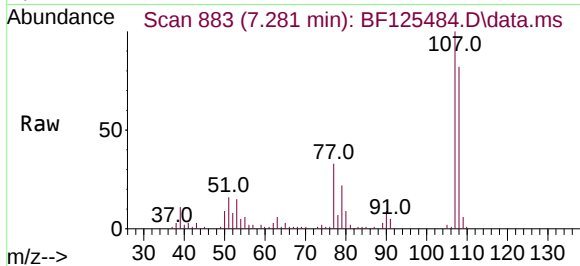




#24
Nitrobenzene
Concen: 13.369 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.188 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

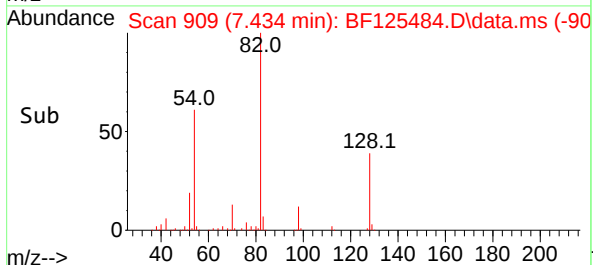
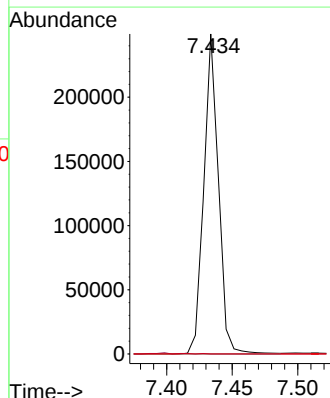
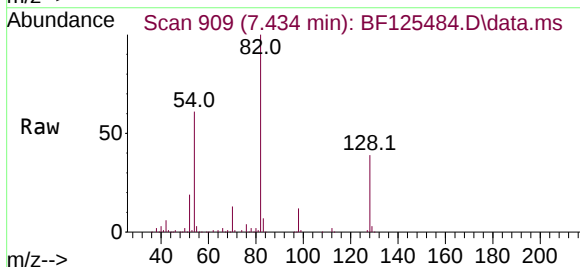
Instrument :
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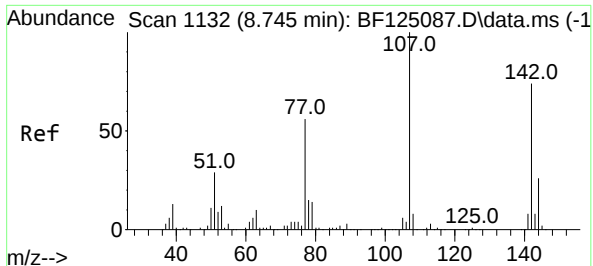
Tgt Ion:	77	Resp:	41292
Ion	Ratio	Lower	Upper
77	100		
123	0.0	42.3	63.5#
65	9.5	12.4	18.6#



#25
Isophorone
Concen: 35.495 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.271 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion:	82	Resp:	194096
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

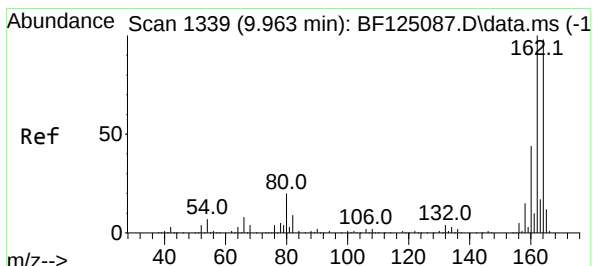
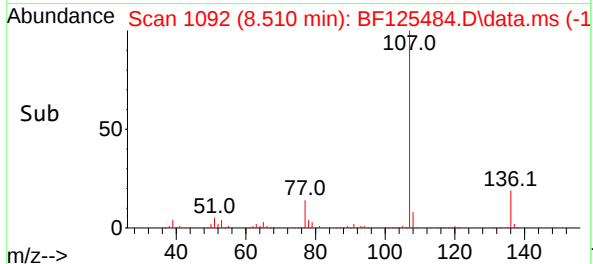
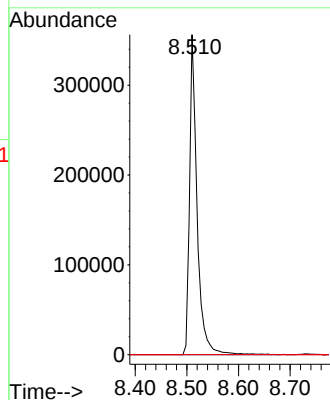
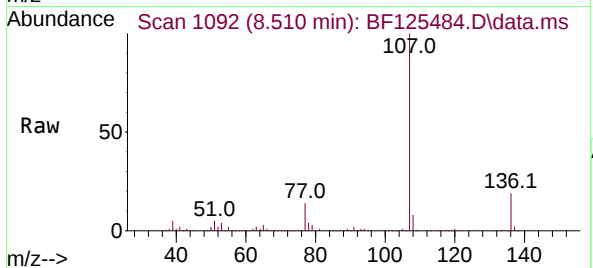




#36
4-Chloro-3-methylphenol
Concen: 160.451 ng
RT: 8.510 min Scan# 1092
Delta R.T. -0.218 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

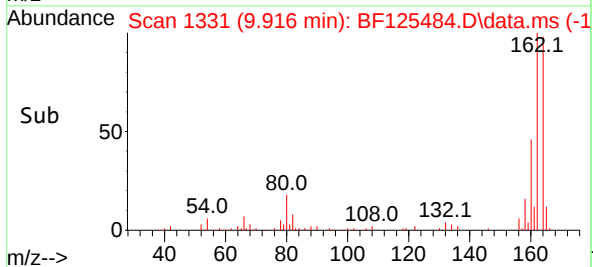
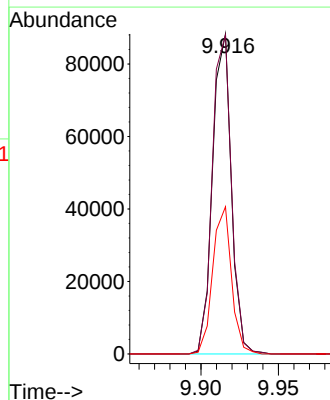
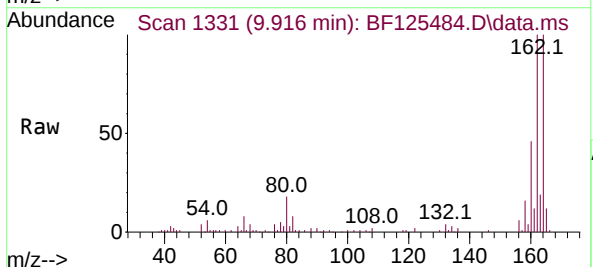
Instrument :
BNA_F
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TOTE-COMP

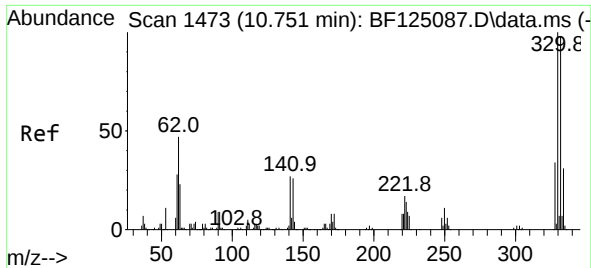
Tgt Ion:107 Resp: 360674
Ion Ratio Lower Upper
107 100
144 0.0 21.9 32.9#
142 0.0 67.1 100.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion:164 Resp: 74441
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 46.0 38.0 57.0

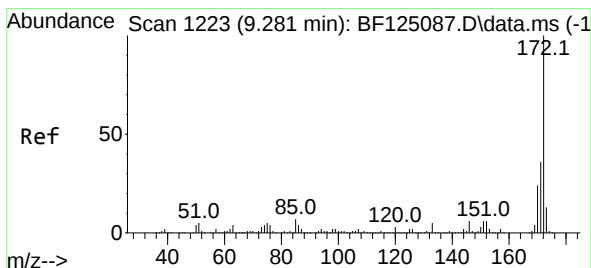
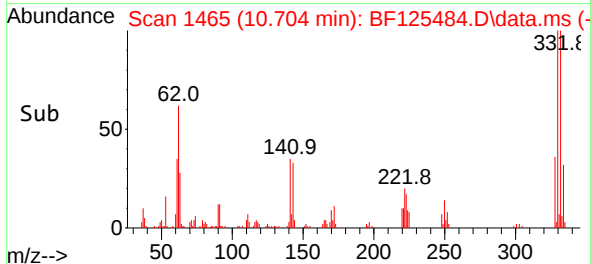
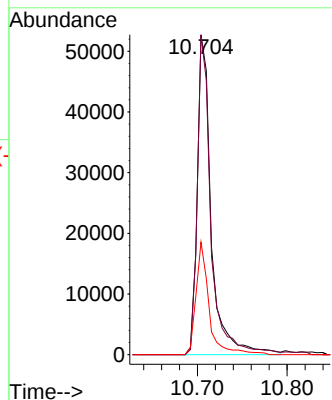
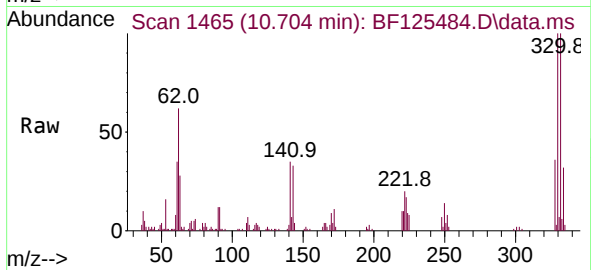




#42
2,4,6-Tribromophenol
Concen: 77.029 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

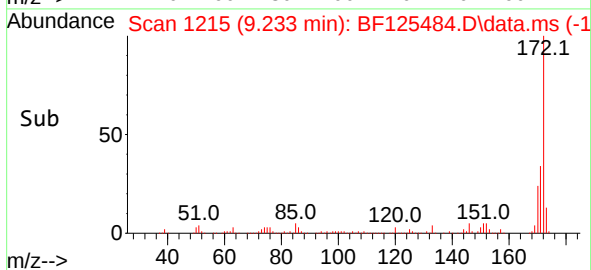
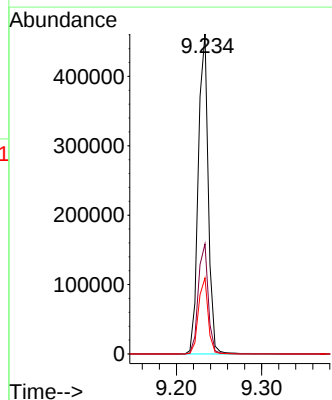
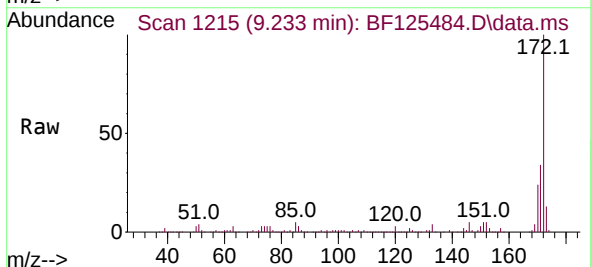
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

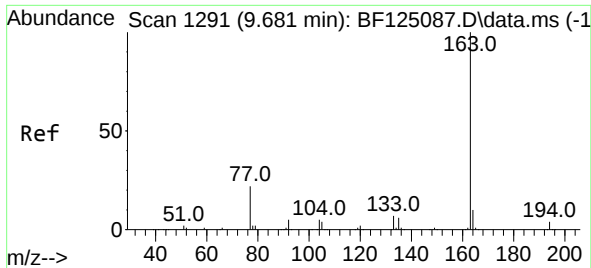
Tgt Ion: 330 Resp: 57239
Ion Ratio Lower Upper
330 100
332 98.2 76.2 114.4
141 32.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.199 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion: 172 Resp: 374940
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 23.8 18.8 28.2

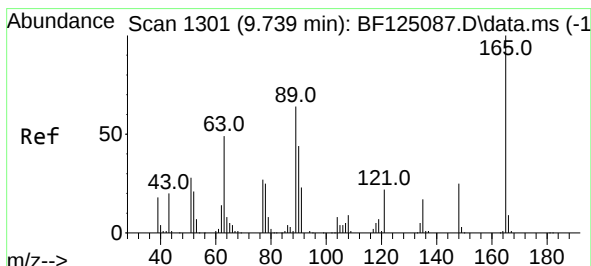
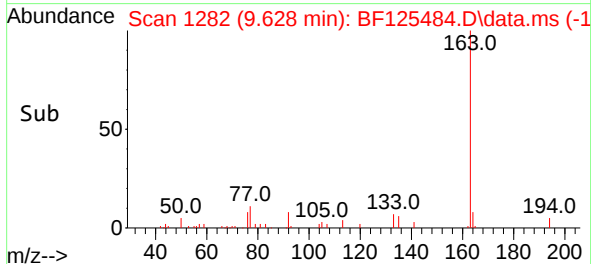
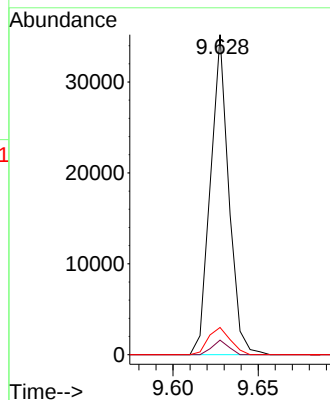
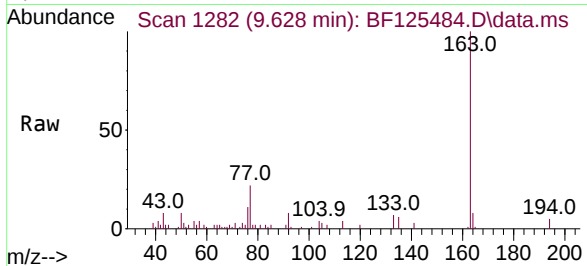




#50
Dimethylphthalate
Concen: 5.102 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.018 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

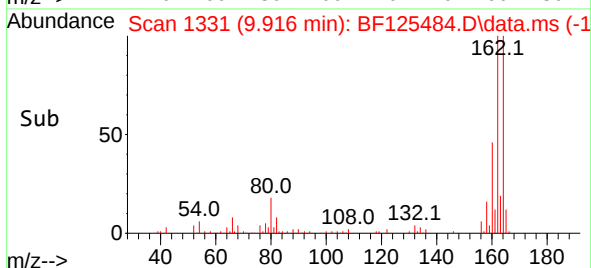
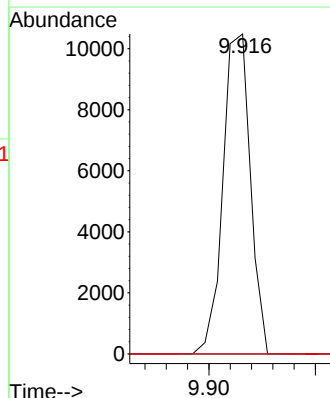
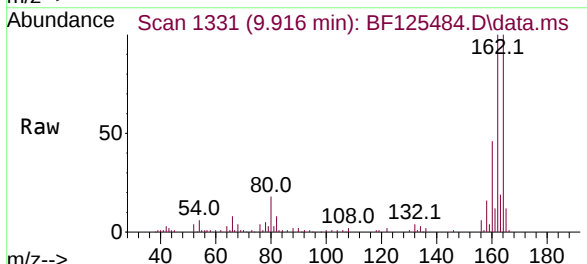
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

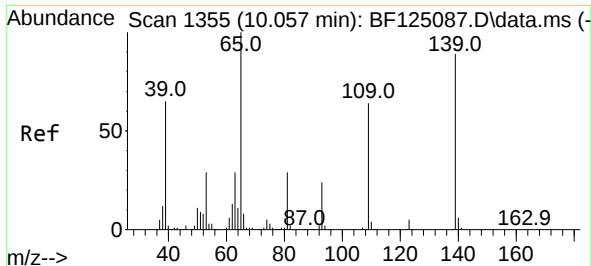
Tgt Ion:163 Resp: 26319
Ion Ratio Lower Upper
163 100
194 4.5 2.6 3.8#
164 8.5 7.4 11.0



#51
2,6-Dinitrotoluene
Concen: 8.377 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion:165 Resp: 9370
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

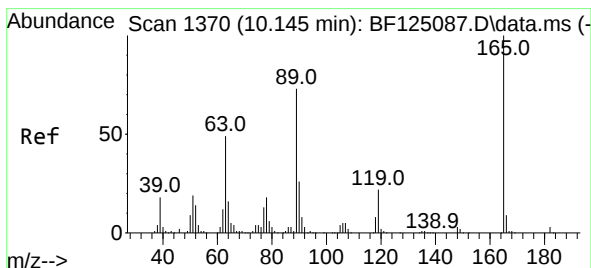
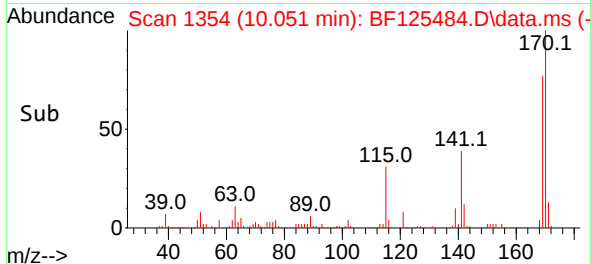
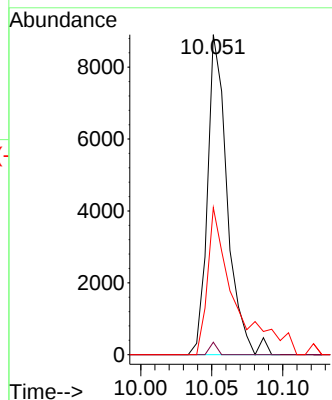
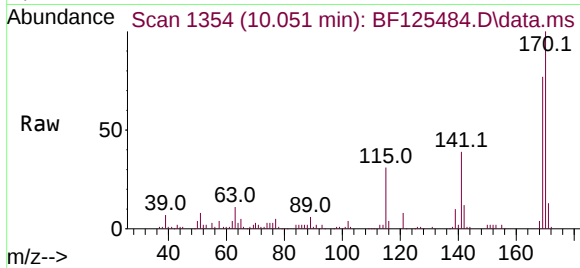




#56
4-Nitrophenol
Concen: 9.052 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

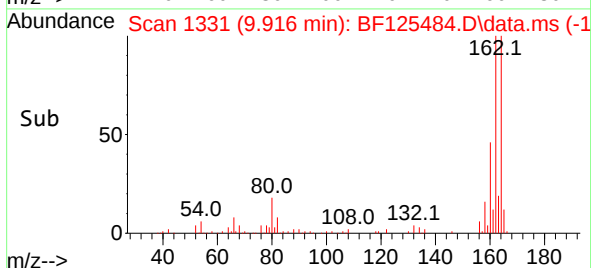
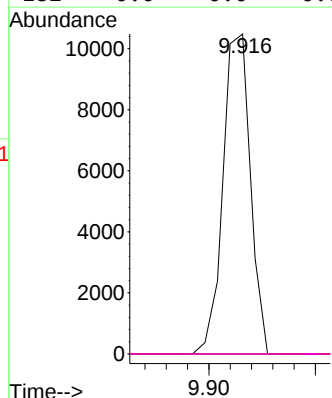
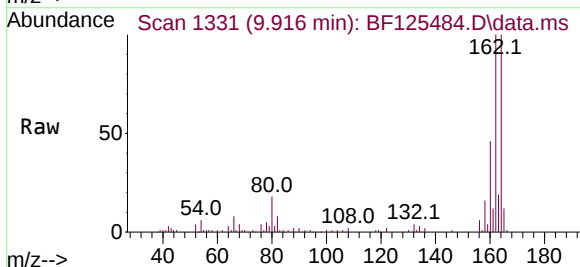
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

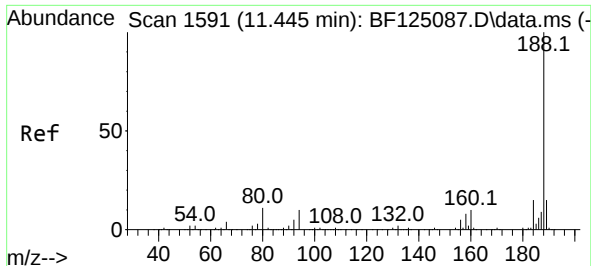
Tgt Ion:139 Resp: 8647
Ion Ratio Lower Upper
139 100
109 3.9 60.4 100.4#
65 45.9 58.4 98.4#



#57
2,4-Dinitrotoluene
Concen: 6.921 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion:165 Resp: 9370
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

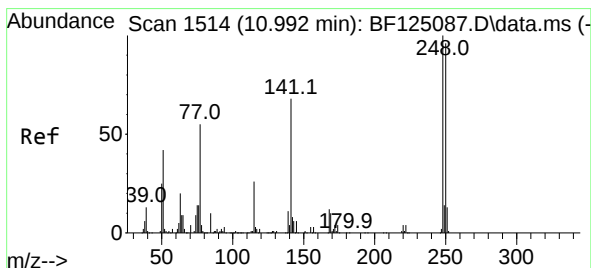
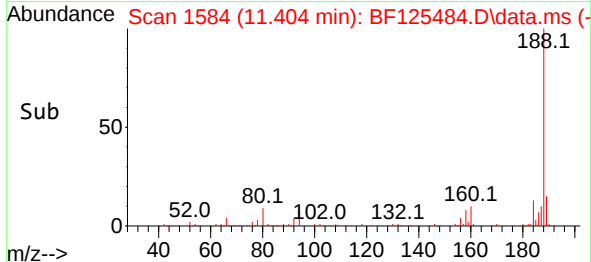
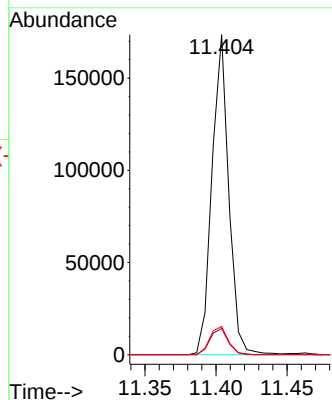
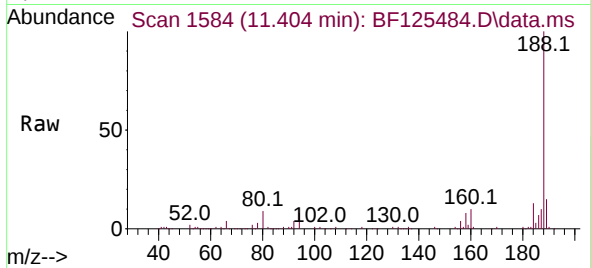




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

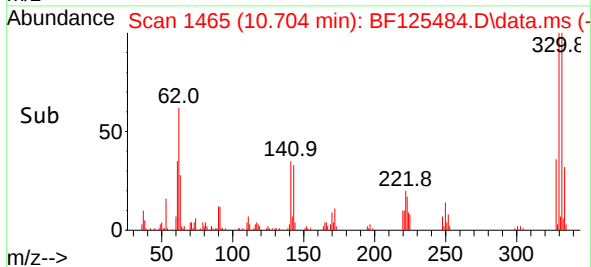
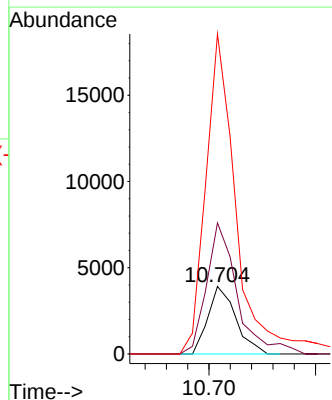
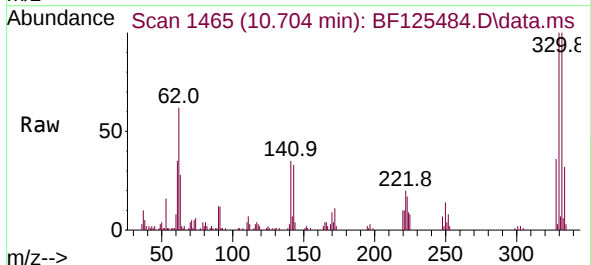
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

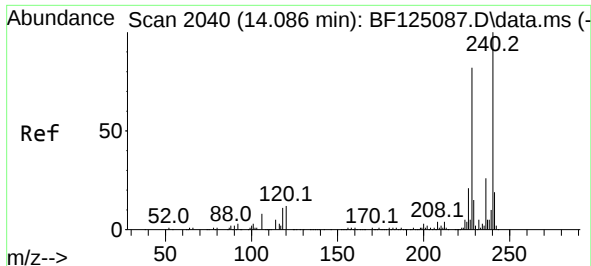
Tgt Ion:188 Resp: 142980
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.068 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion:248 Resp: 3550
Ion Ratio Lower Upper
248 100
250 194.2 74.2 111.4#
141 474.2 60.4 90.6#

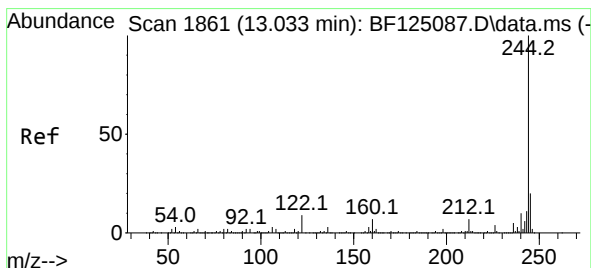
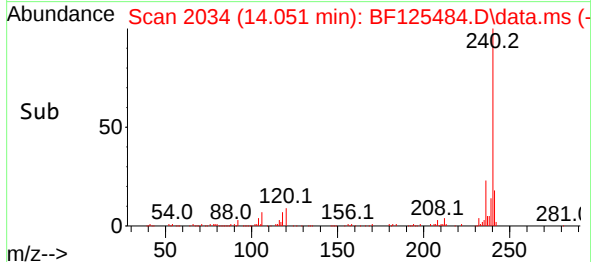
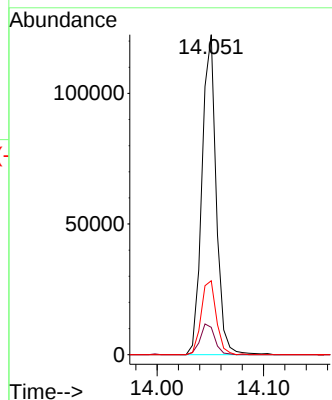
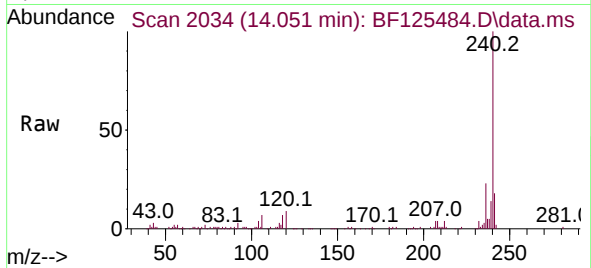




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

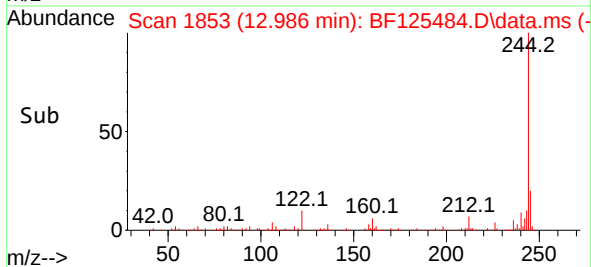
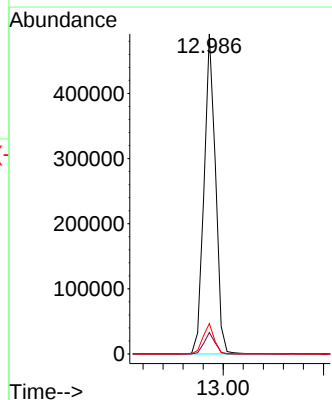
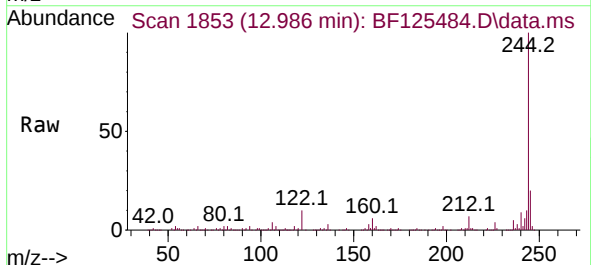
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

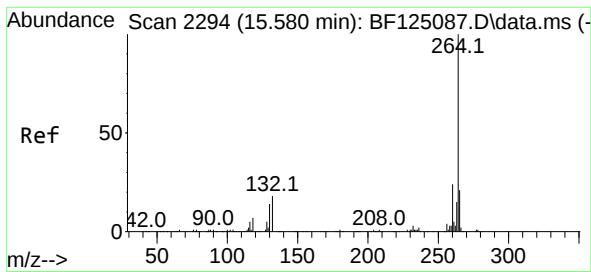
Tgt Ion:240 Resp: 114021
Ion Ratio Lower Upper
240 100
120 8.6 10.8 16.2#
236 23.1 21.6 32.4



#79
Terphenyl-d14
Concen: 54.669 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Tgt Ion:244 Resp: 391281
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.5 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF125484.D
Acq: 14 Sep 2021 20:41

Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

Tgt Ion:264	Resp:	82857
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.6 29.4
265	21.5	17.2 25.8

