

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062421\
 Data File : BF124445.D
 Acq On : 24 Jun 2021 16:24
 Operator : JU/CG
 Sample : M2711-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-B

Quant Time: Jun 24 17:47:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 23 18:48:27 2021
 Response via : Initial Calibration

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

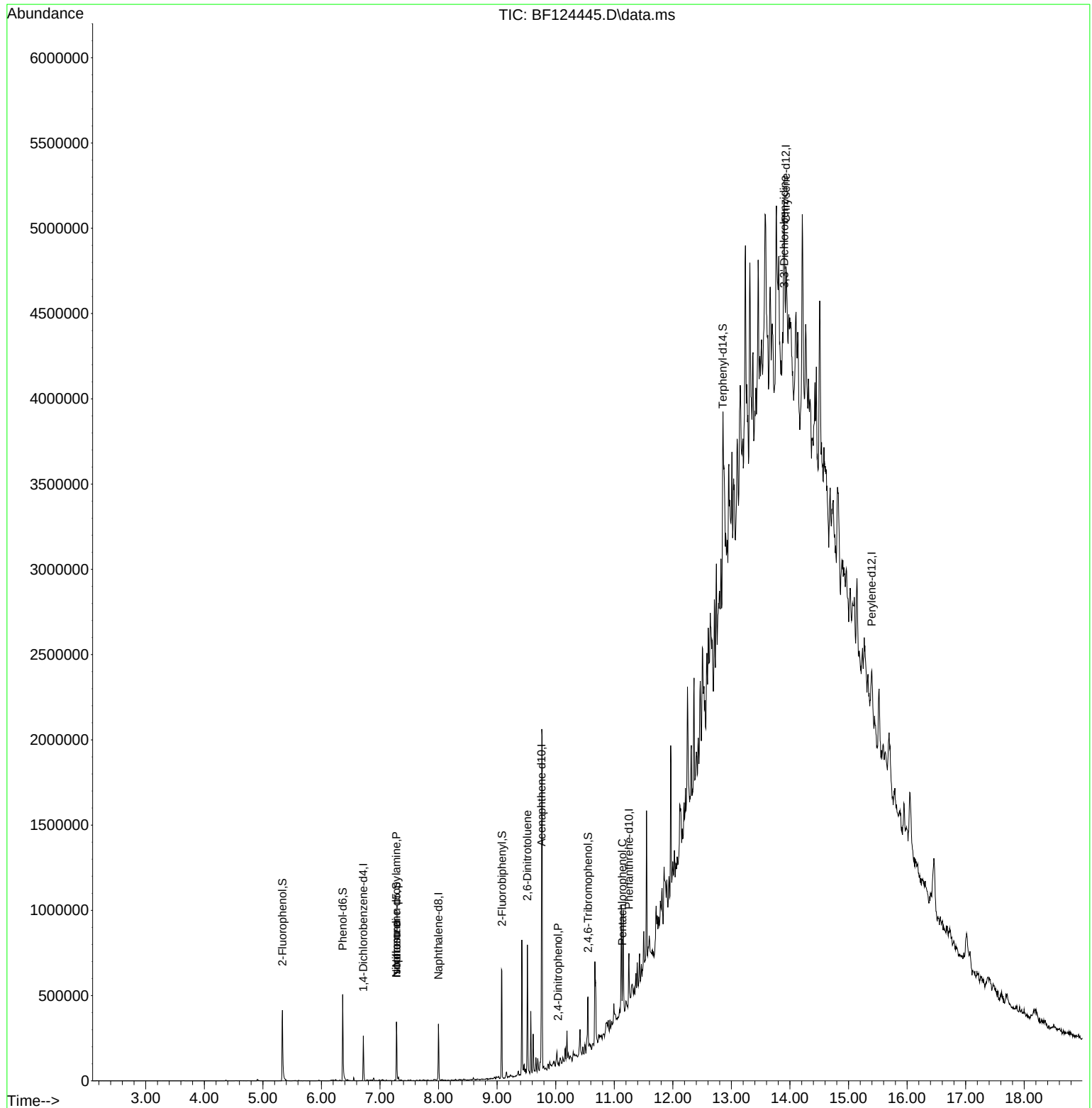
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	33022	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	116991	20.000	ng	# 0.00
39) Acenaphthene-d10	9.757	164	62453	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	98766	20.000	ng	0.00
76) Chrysene-d12	13.933	240	64625	20.000	ng	# 0.04
86) Perylene-d12	15.398	264	42283	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	112268	53.468	ng	0.00
7) Phenol-d6	6.363	99	134670	49.121	ng	-0.01
23) Nitrobenzene-d5	7.281	82	96224	34.103	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	35515	47.598	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	183070	35.908	ng	0.00
79) Terphenyl-d14	12.851	244	164326	38.085	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.281	70	14147	7.673	ng	# 71
25) Isophorone	7.281	82	96224	19.835	ng	# 69
51) 2,6-Dinitrotoluene	9.516	165	66485	58.453	ng	# 13
54) 2,4-Dinitrophenol	10.039	184	115	5.882	ng	# 9
70) Pentachlorophenol	11.139	266	108	6.387	ng	# 18
82) 3,3'-Dichlorobenzidine	13.904	252	3793	2.541	ng	# 1

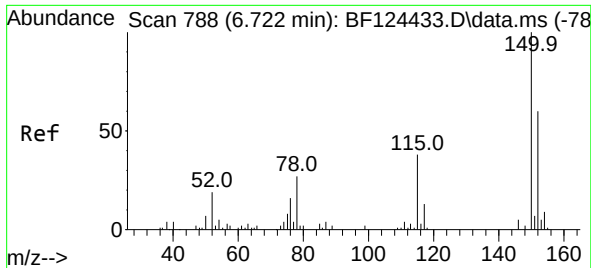
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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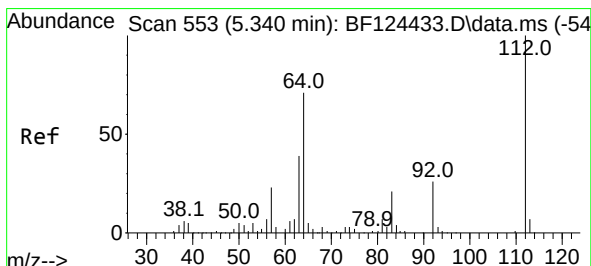
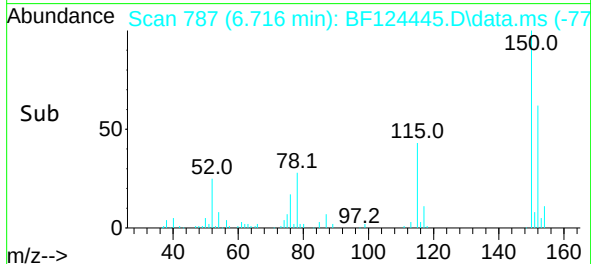
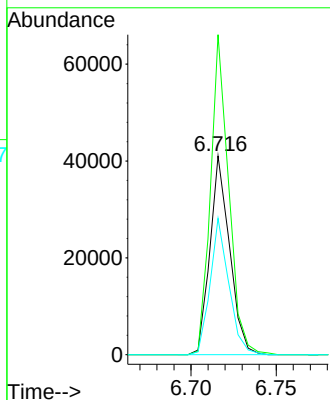
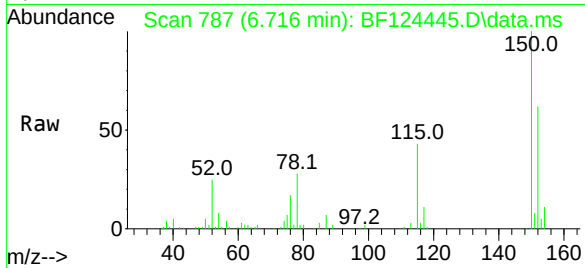




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

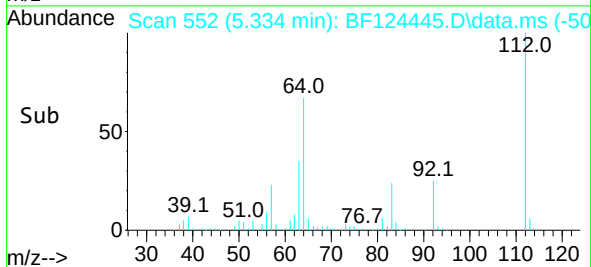
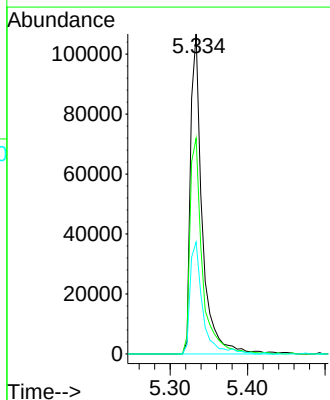
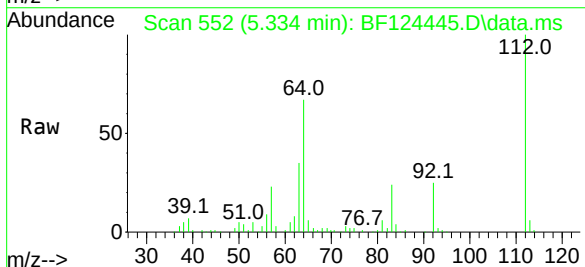
Instrument :
BNA_F
ClientSampled :
PE-B

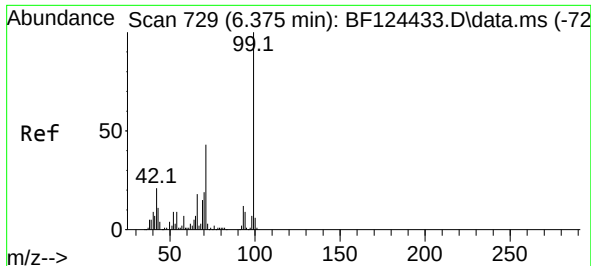
Tgt Ion:152 Resp: 33022
Ion Ratio Lower Upper
152 100
150 161.1 127.0 190.6
115 68.7 54.3 81.5



#5
2-Fluorophenol
Concen: 53.468 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

Tgt Ion:112 Resp: 112268
Ion Ratio Lower Upper
112 100
64 67.4 61.4 92.0
63 34.9 33.0 49.4

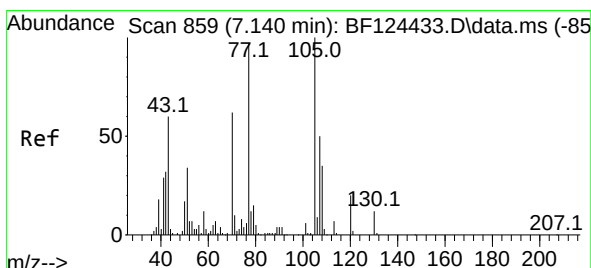
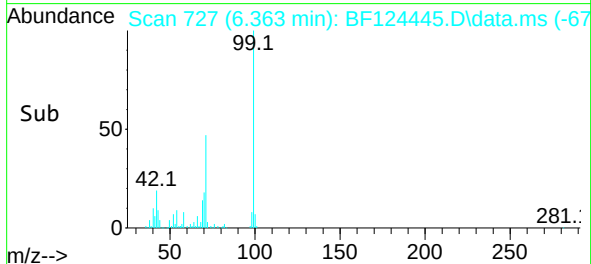
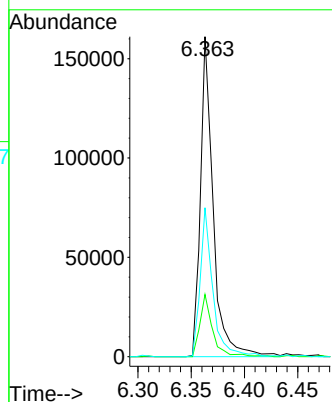
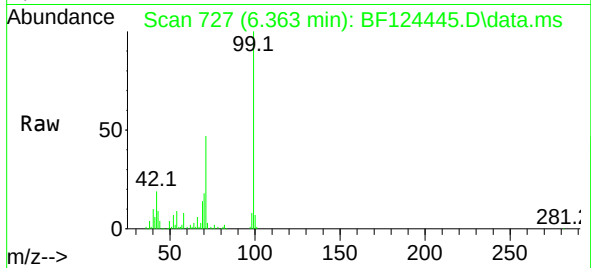




#7
Phenol-d6
Concen: 49.121 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.012 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

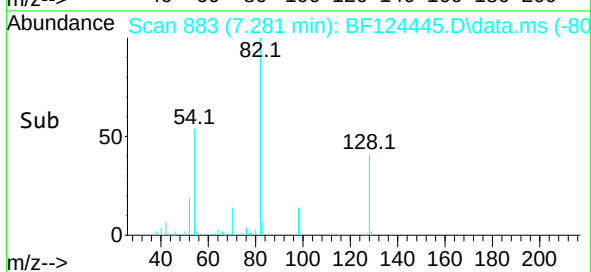
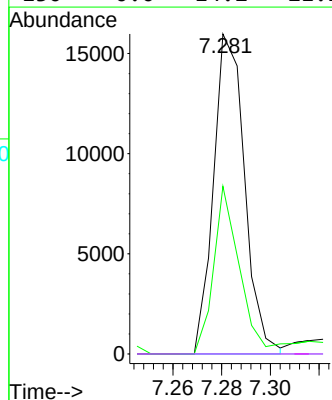
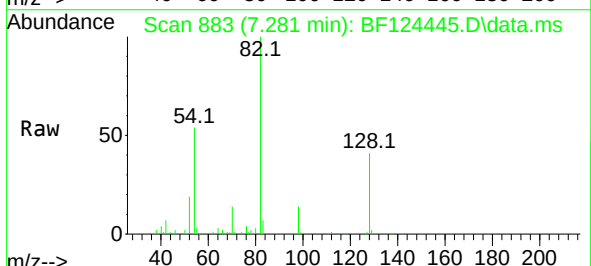
Instrument :
BNA_F
ClientSampleId :
PE-B

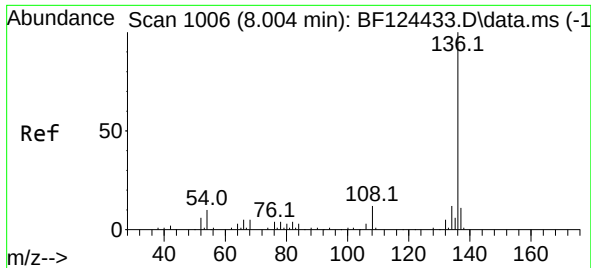
Tgt Ion: 99 Resp: 134670
Ion Ratio Lower Upper
99 100
42 19.4 19.8 29.8#
71 46.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 7.673 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

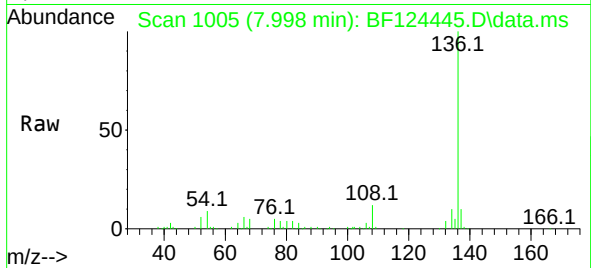
Tgt Ion: 70 Resp: 14147
Ion Ratio Lower Upper
70 100
42 52.4 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#



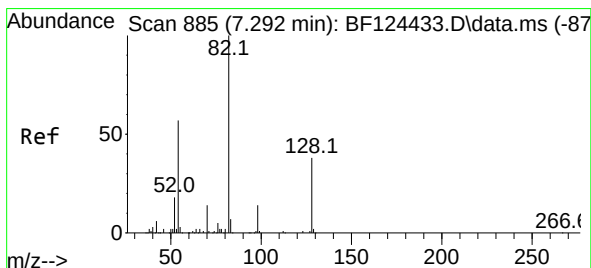
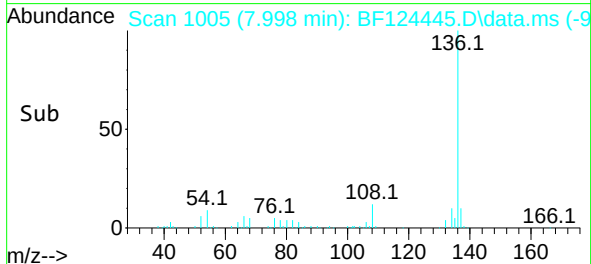
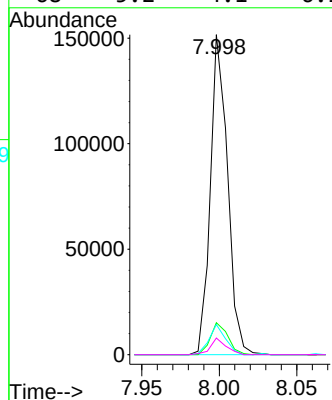


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

Instrument :
BNA_F
ClientSampleId :
PE-B

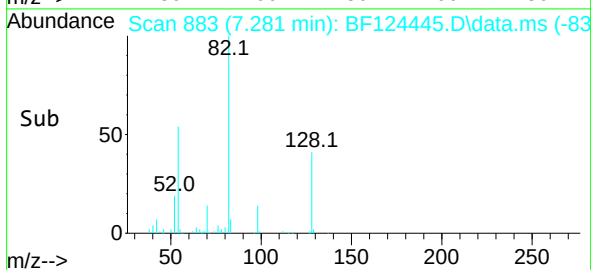
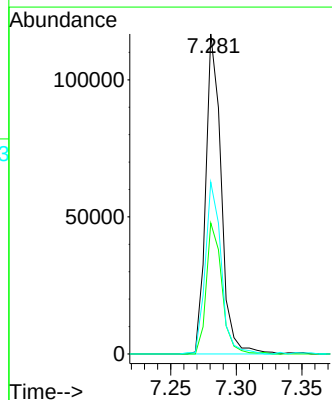
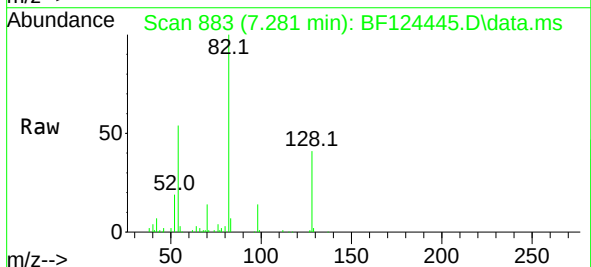


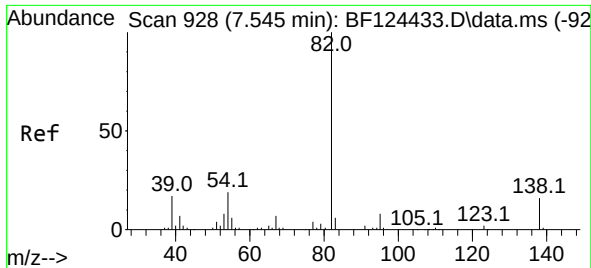
Tgt Ion:136 Resp: 116991
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 9.4 9.8 14.6#
68 5.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 34.103 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

Tgt Ion: 82 Resp: 96224
Ion Ratio Lower Upper
82 100
128 40.9 29.4 44.2
54 53.7 54.1 81.1#

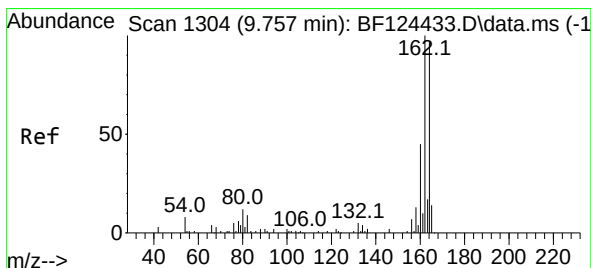
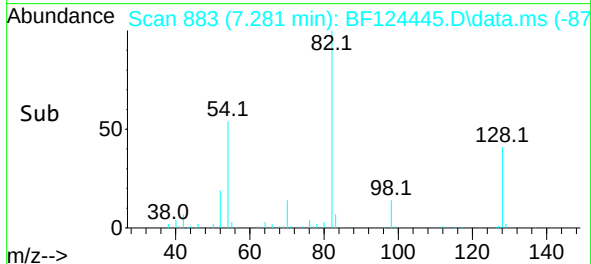
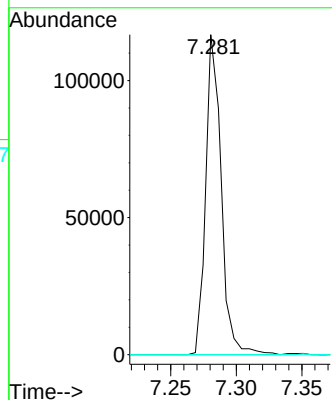
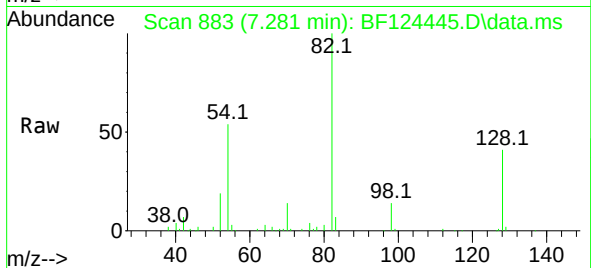




#25
Isophorone
Concen: 19.835 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

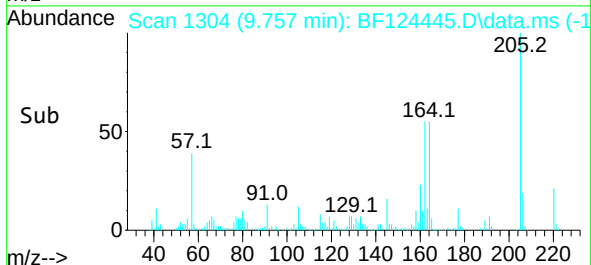
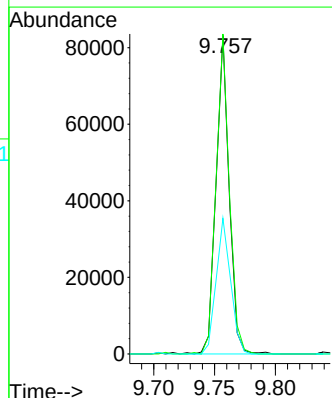
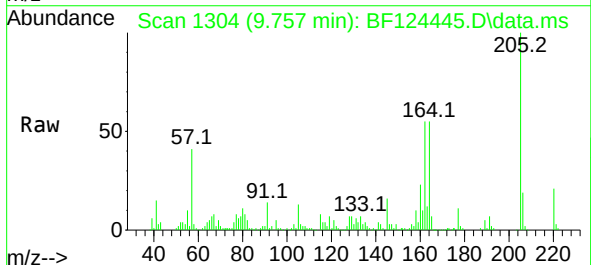
Instrument :
BNA_F
ClientSampleId :
PE-B

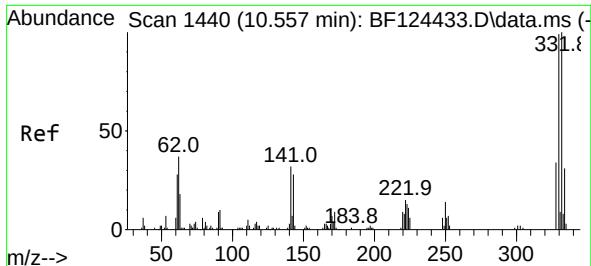
Tgt Ion: 82 Resp: 96224
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

Tgt Ion: 164 Resp: 62453
Ion Ratio Lower Upper
164 100
162 100.5 80.7 121.1
160 42.6 37.3 55.9

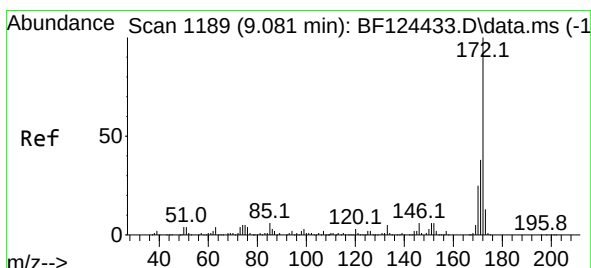
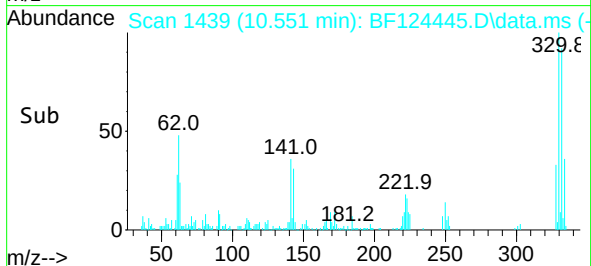
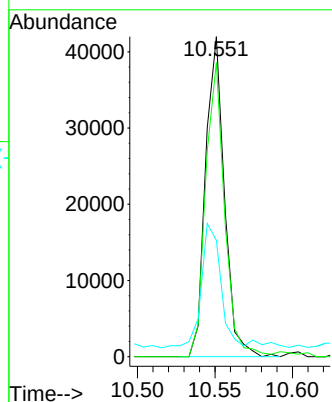
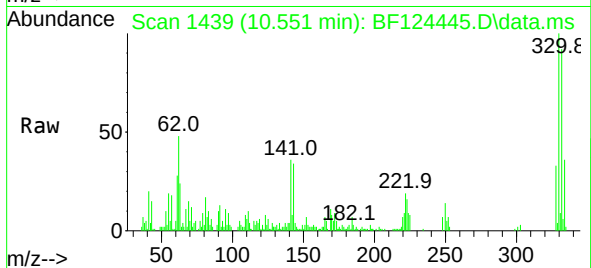




#42
2,4,6-Tribromophenol
Concen: 47.598 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

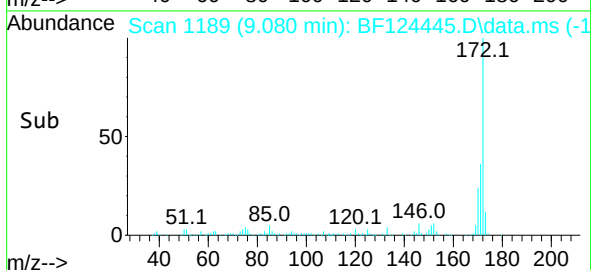
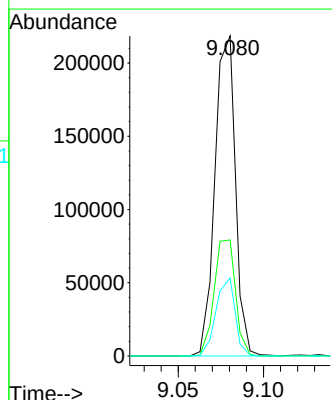
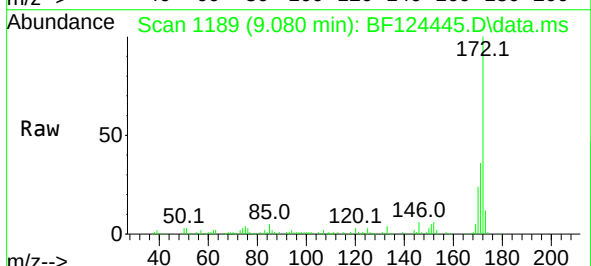
Instrument :
BNA_F
ClientSampleId :
PE-B

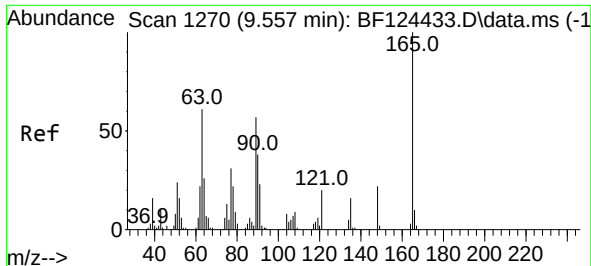
Tgt Ion: 330 Resp: 35515
Ion Ratio Lower Upper
330 100
332 92.7 77.1 115.7
141 40.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 35.908 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

Tgt Ion: 172 Resp: 183070
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 24.4 19.2 28.8

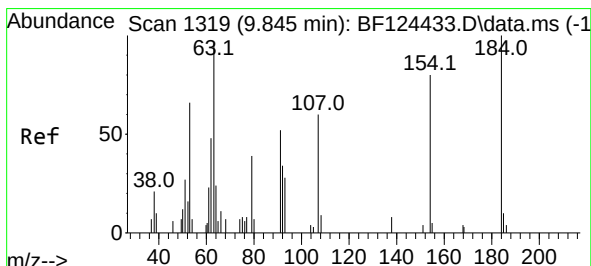
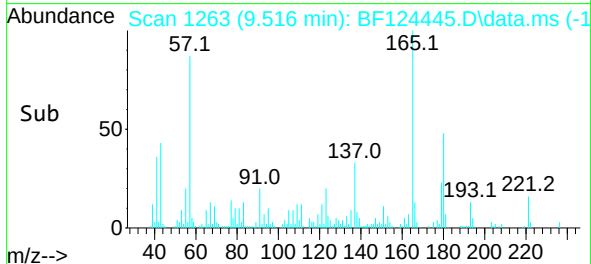
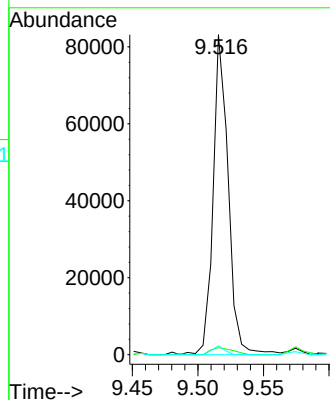
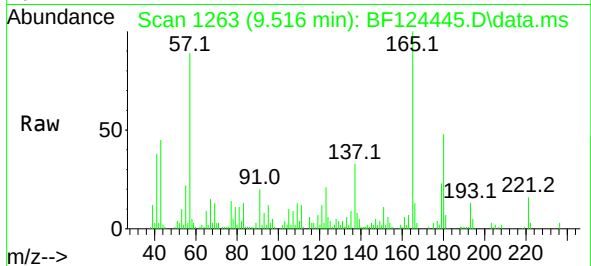




#51
2,6-Dinitrotoluene
Concen: 58.453 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.041 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

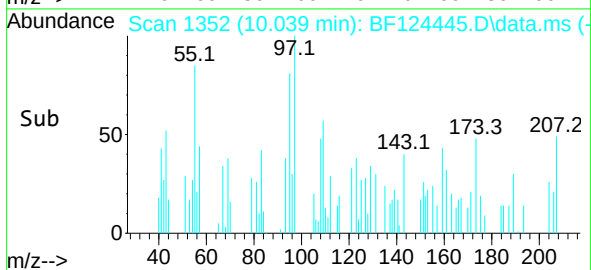
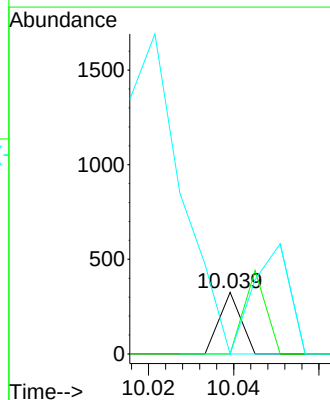
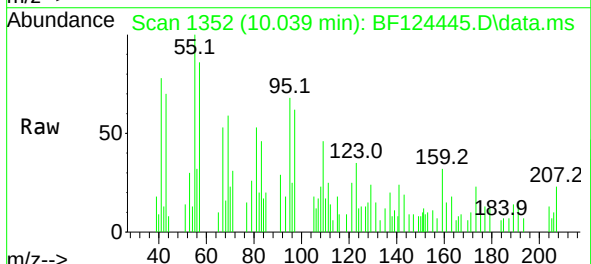
Instrument :
BNA_F
ClientSampled :
PE-B

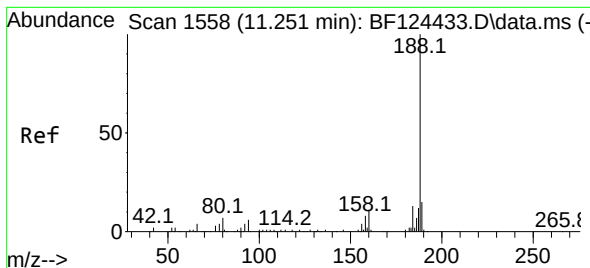
Tgt Ion:165 Resp: 66485
Ion Ratio Lower Upper
165 100
63 2.2 67.7 101.5#
89 2.8 58.8 88.2#



#54
2,4-Dinitrophenol
Concen: 5.882 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.194 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

Tgt Ion:184 Resp: 115
Ion Ratio Lower Upper
184 100
63 0.0 73.5 110.3#
154 0.0 52.5 78.7#

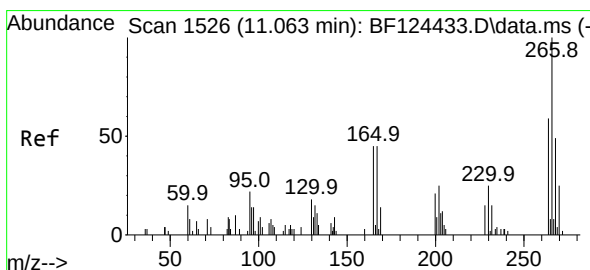
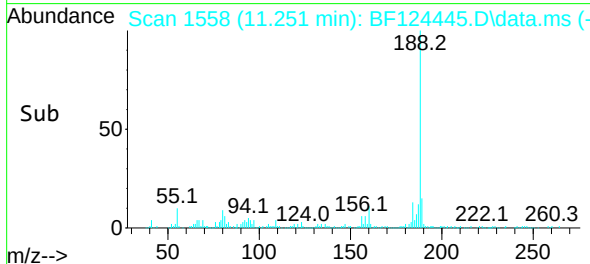
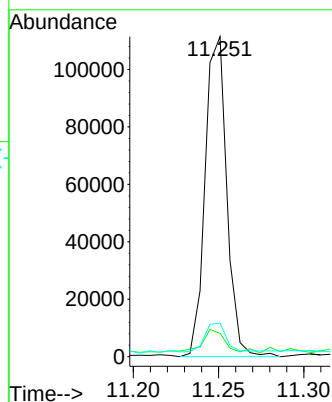
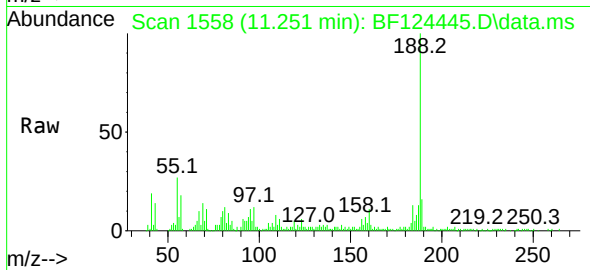




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

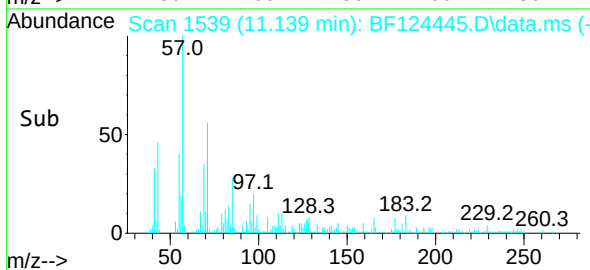
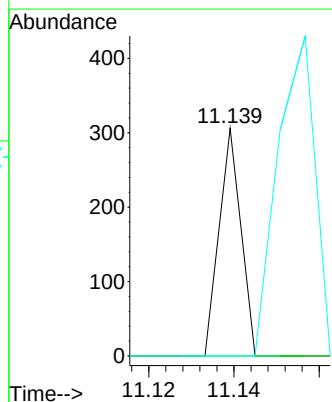
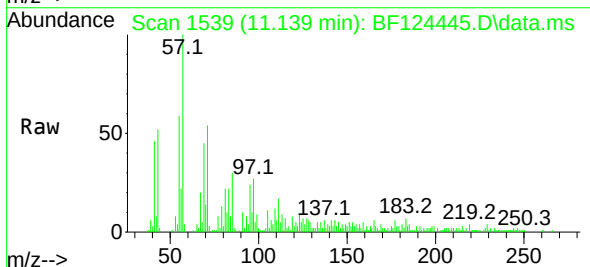
Instrument :
BNA_F
ClientSampleId :
PE-B

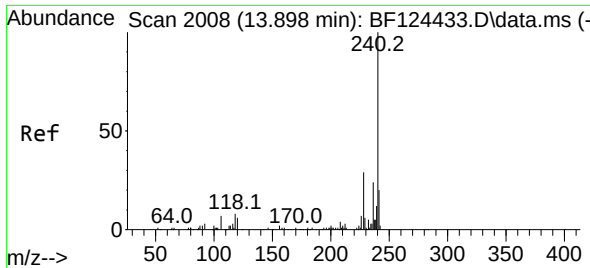
Tgt Ion:188 Resp: 98766
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 10.5 8.2 12.2



#70
Pentachlorophenol
Concen: 6.387 ng
RT: 11.139 min Scan# 1539
Delta R.T. 0.076 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

Tgt Ion:266 Resp: 108
Ion Ratio Lower Upper
266 100
268 0.0 51.6 77.4#
264 0.0 52.6 78.8#

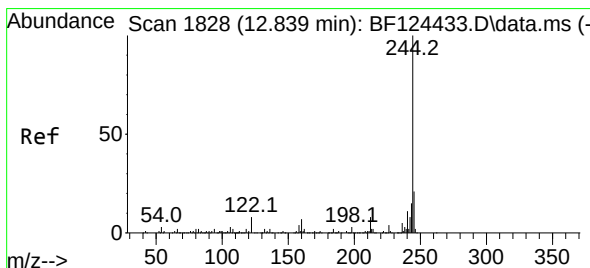
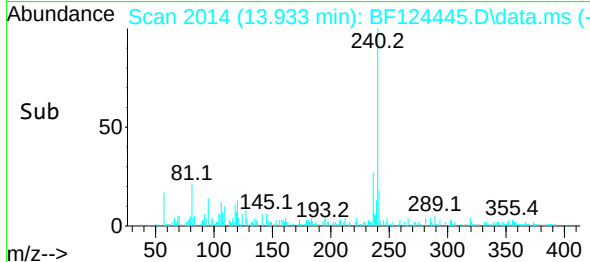
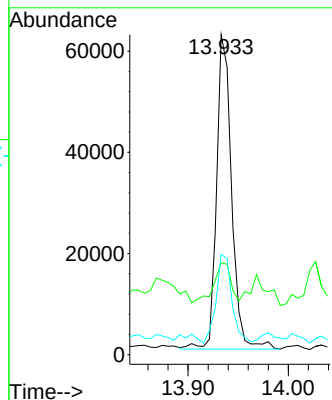
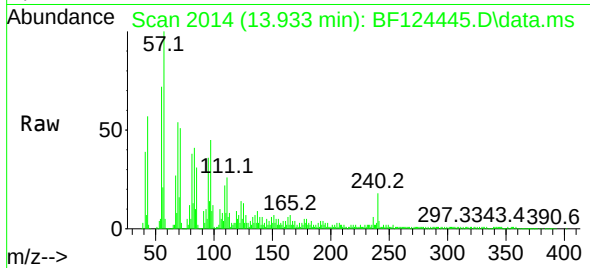




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.035 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

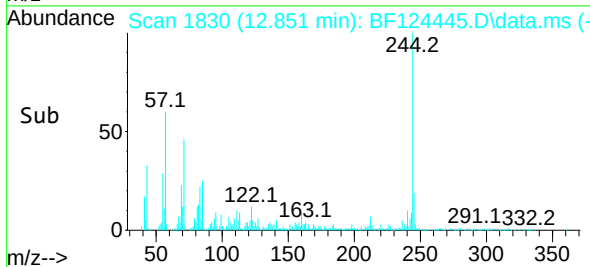
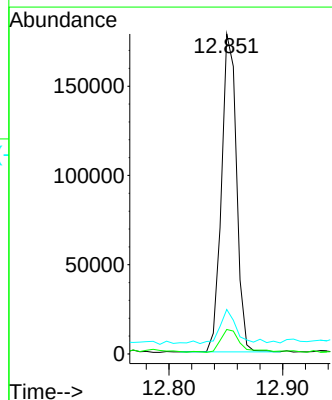
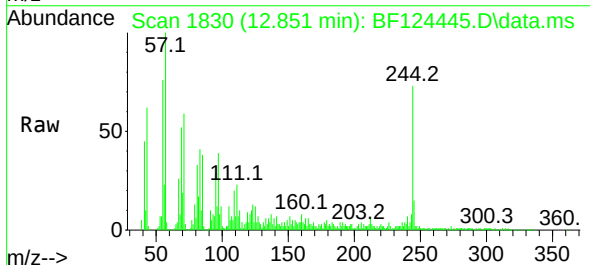
Instrument :
BNA_F
ClientSampled :
PE-B

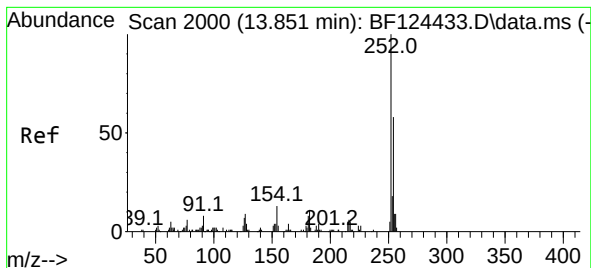
Tgt Ion:240 Resp: 64625
Ion Ratio Lower Upper
240 100
120 28.7 7.2 10.8#
236 31.4 19.0 28.4#



#79
Terphenyl-d14
Concen: 38.085 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.012 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

Tgt Ion:244 Resp: 164326
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 13.9 9.7 14.5

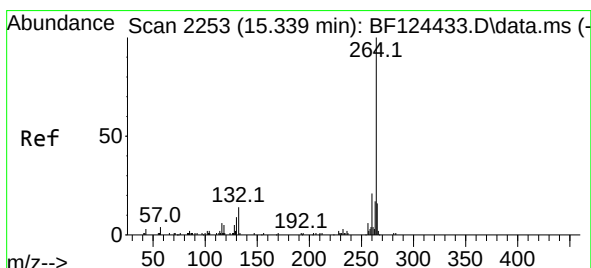
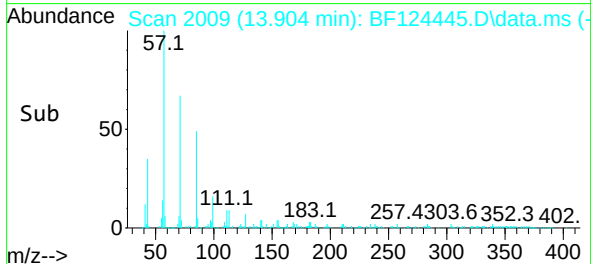
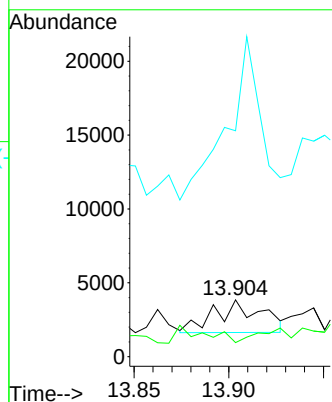
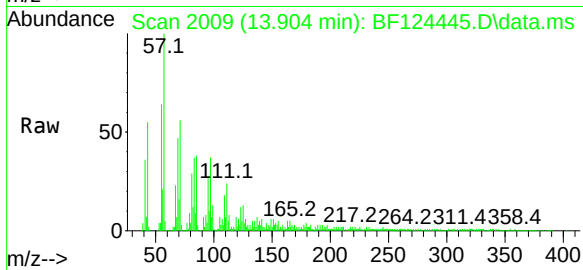




#82
3,3'-Dichlorobenzidine
Concen: 2.541 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.053 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

Instrument :
BNA_F
ClientSampled :
PE-B

Tgt Ion:252 Resp: 3793
Ion Ratio Lower Upper
252 100
254 24.9 51.1 76.7#
126 397.8 7.7 11.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.059 min
Lab File: BF124445.D
Acq: 24 Jun 2021 16:24

Tgt Ion:264 Resp: 42283
Ion Ratio Lower Upper
264 100
260 25.3 18.7 28.1
265 26.0 17.8 26.8

