

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124667.D
 Acq On : 21 Jul 2021 18:05
 Operator : JU/CG
 Sample : M3076-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210587-AMENDED-COM-1-SPLP

Quant Time: Jul 22 01:29:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:08:04 2021
 Response via : Initial Calibration

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

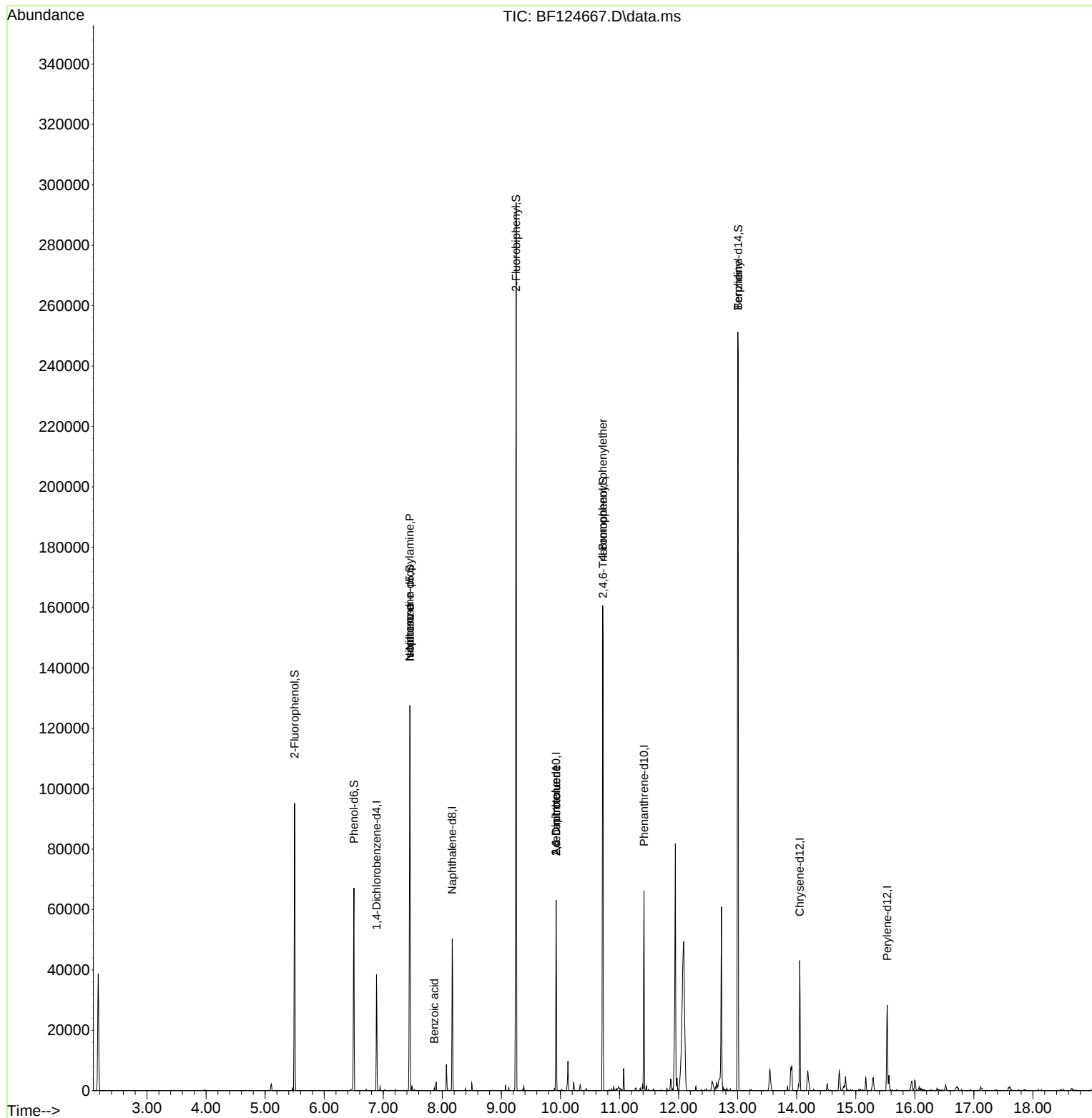
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	5653	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	22505	20.00	ng	0.00
39) Acenaphthene-d10	9.927	164	13239	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	23211	20.00	ng	# 0.00
76) Chrysene-d12	14.051	240	15101	20.00	ng	-0.01
86) Perylene-d12	15.533	264	13853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	25391	77.82	ng	-0.01
7) Phenol-d6	6.504	99	18997	47.86	ng	-0.02
23) Nitrobenzene-d5	7.451	82	37043	103.91	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	15670	152.10	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	85773	94.48	ng	0.00
79) Terphenyl-d14	13.010	244	95876	106.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	4967	22.26	ng	# 68
25) Isophorone	7.451	82	37042	56.60	ng	# 59
32) Benzoic acid	7.863	122	134	5.78	ng	# 60
51) 2,6-Dinitrotoluene	9.927	165	1512	8.33	ng	# 26
57) 2,4-Dinitrotoluene	9.927	165	1512	6.08	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	1175	4.90	ng	# 1
77) Benzidine	13.010	184	1439	2.55	ng	# 69

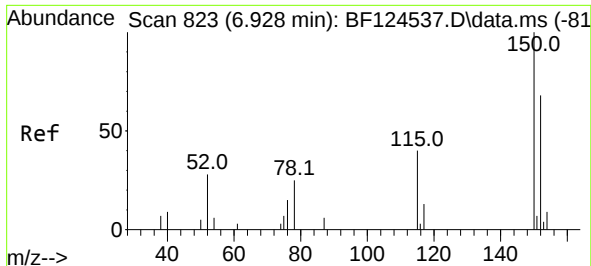
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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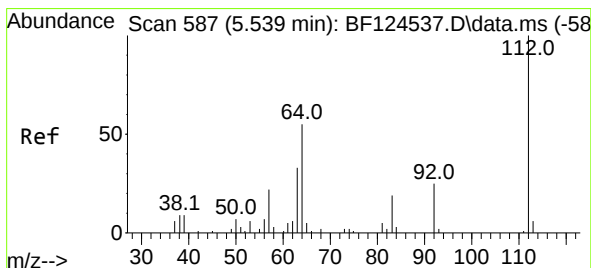
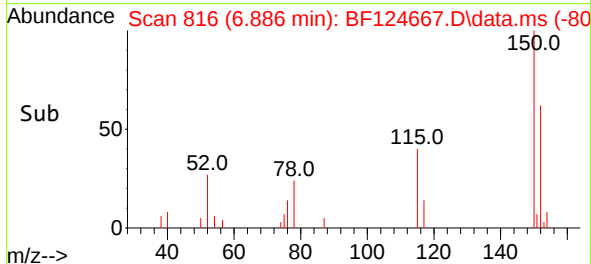
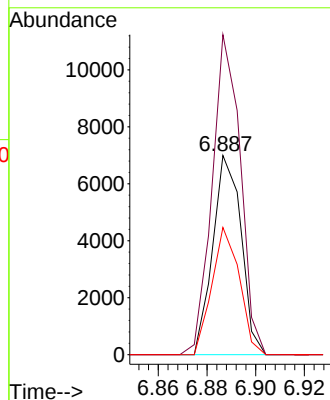
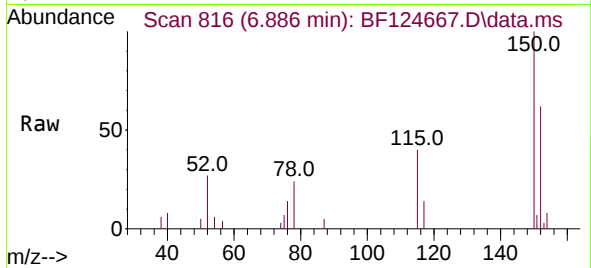




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

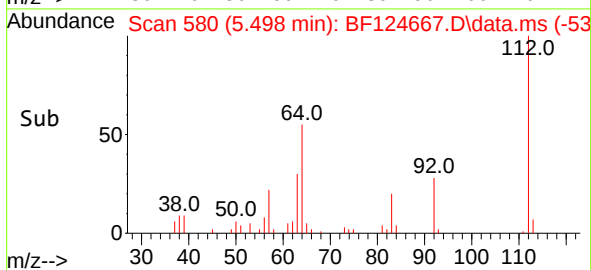
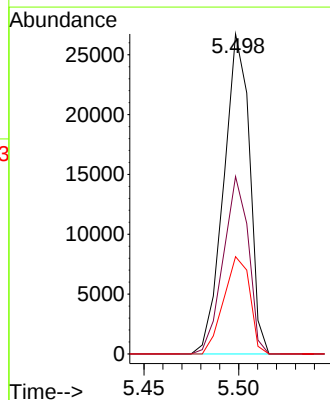
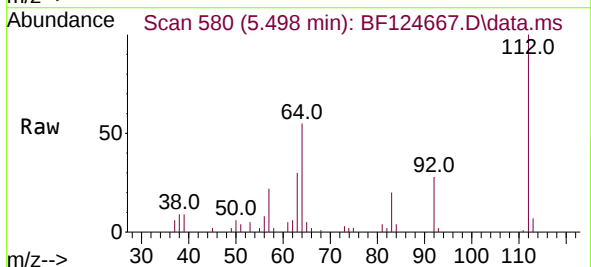
Instrument :
BNA_F
ClientSampleId :
20210587-AMENDED-COM-1-SPLP

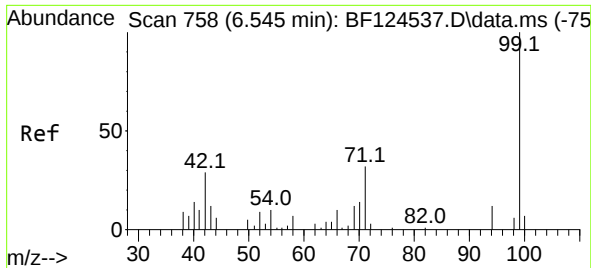
Tgt Ion:152 Resp: 5653
Ion Ratio Lower Upper
152 100
150 160.6 117.6 176.4
115 63.9 47.1 70.7



#5
2-Fluorophenol
Concen: 77.82 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.012 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

Tgt Ion:112 Resp: 25391
Ion Ratio Lower Upper
112 100
64 55.4 44.2 66.2
63 30.4 26.2 39.2

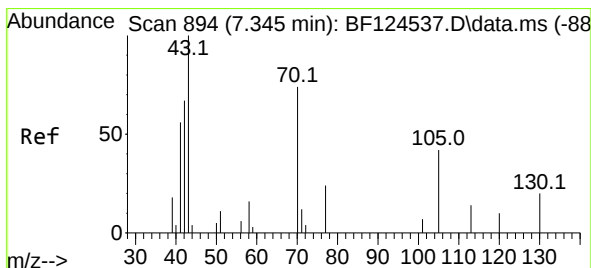
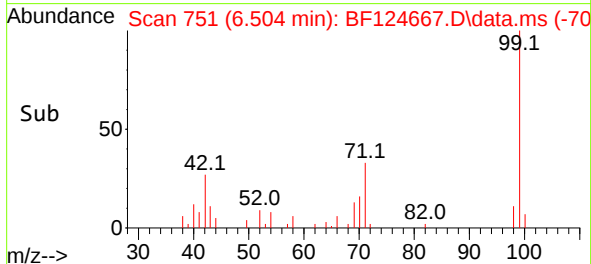
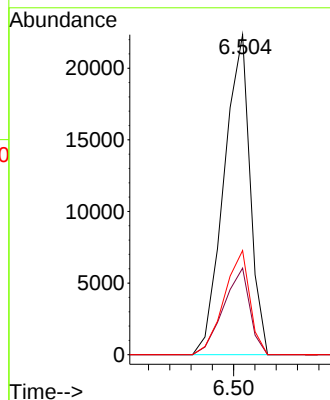
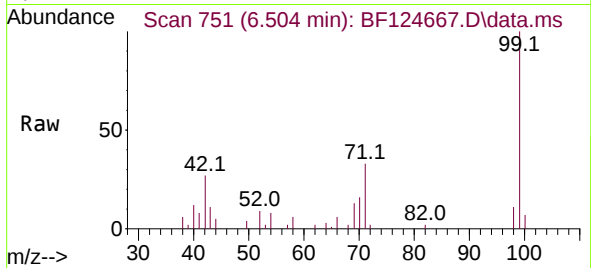




#7
Phenol-d6
Concen: 47.86 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

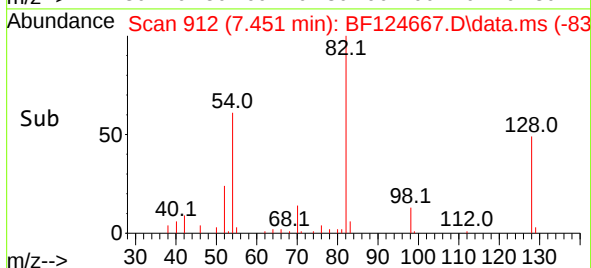
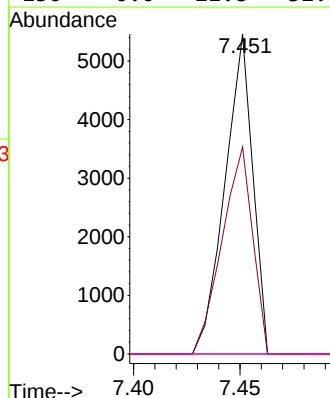
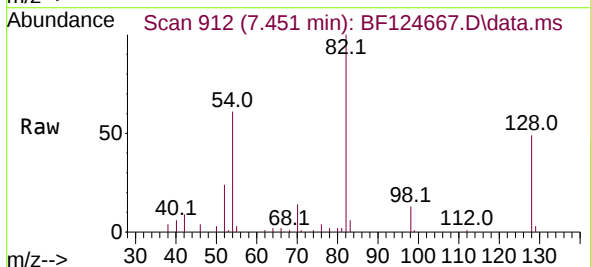
Instrument :
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ClientSampleId :
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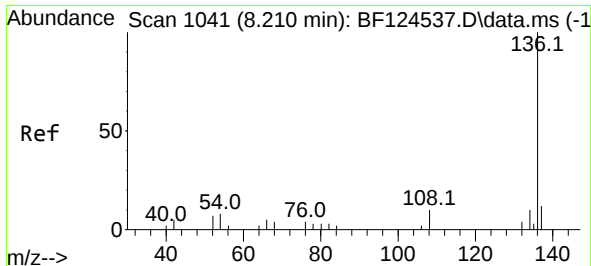
Tgt Ion:	99	Resp:	18997
Ion	Ratio	Lower	Upper
99	100		
42	27.0	23.5	35.3
71	32.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.26 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

Tgt Ion:	70	Resp:	4967
Ion	Ratio	Lower	Upper
70	100		
42	64.7	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

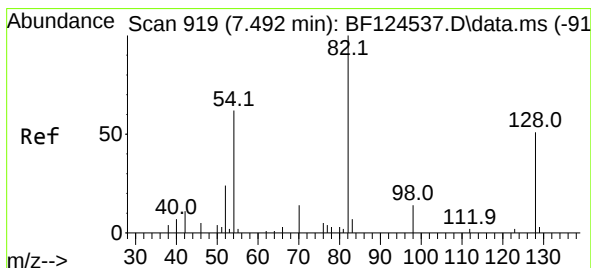
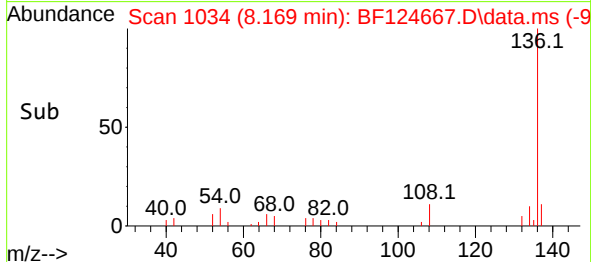
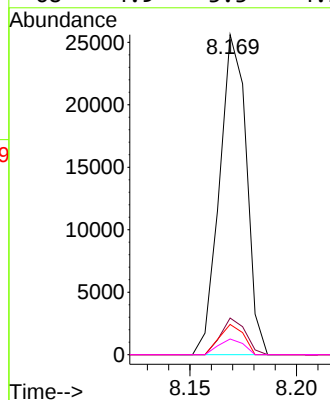
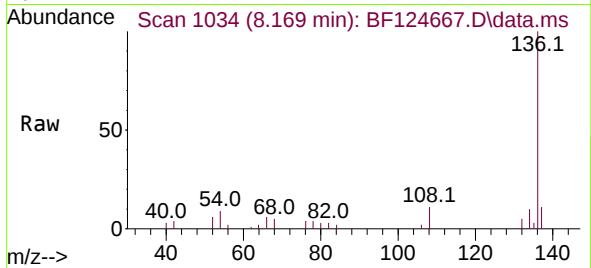




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

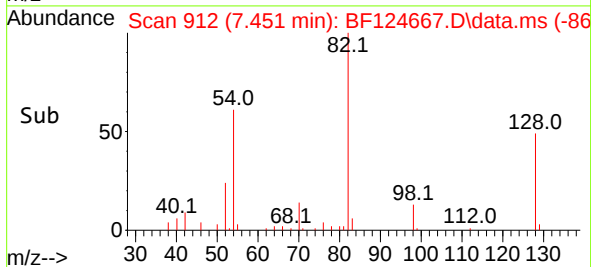
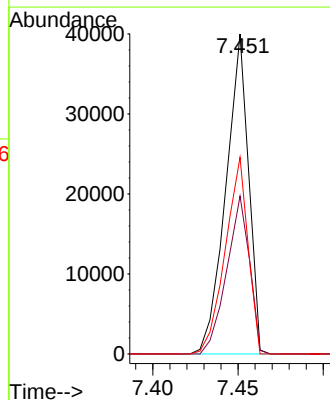
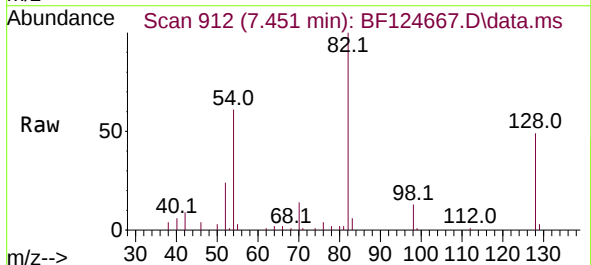
Instrument :
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ClientSampleId :
20210587-AMENDED-COM-1-SPLP

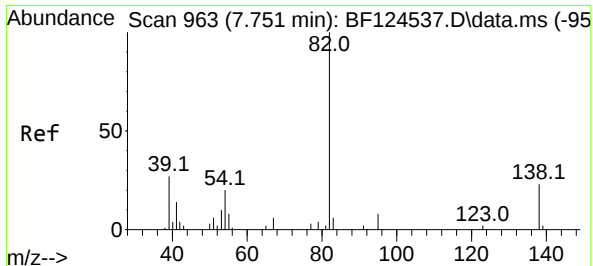
Tgt Ion:136	Resp:	22505
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.8 14.6
54	9.5	6.4 9.6
68	4.9	3.3 4.9



#23
Nitrobenzene-d5
Concen: 103.91 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

Tgt Ion: 82	Resp:	37043
Ion Ratio	Lower	Upper
82	100	
128	49.3	40.6 60.8
54	61.4	49.6 74.4

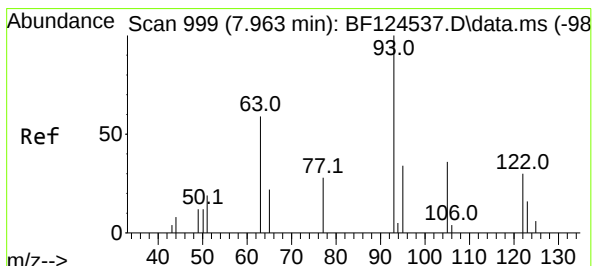
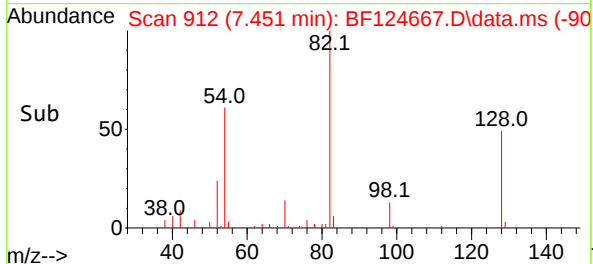
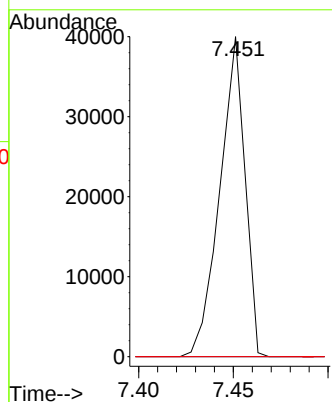
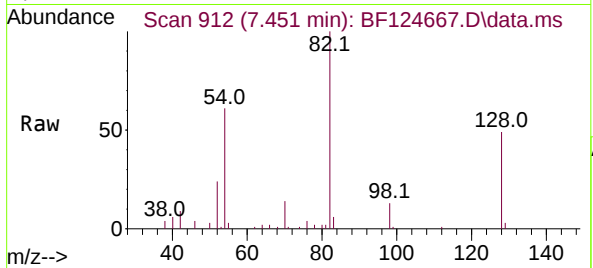




#25
Isophorone
Concen: 56.60 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

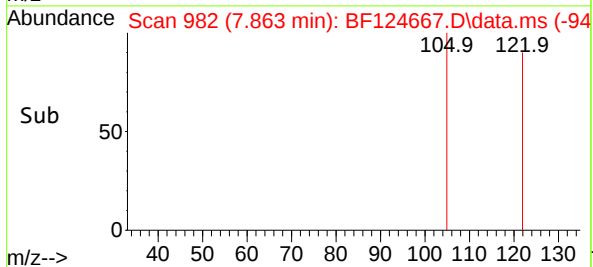
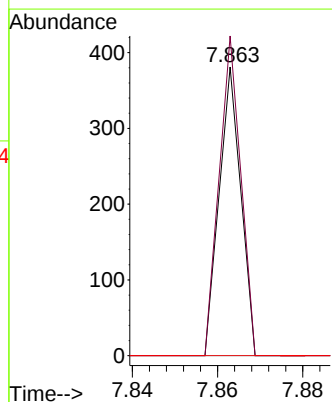
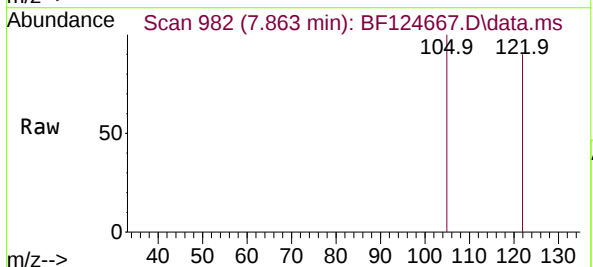
Instrument :
BNA_F
ClientSampleId :
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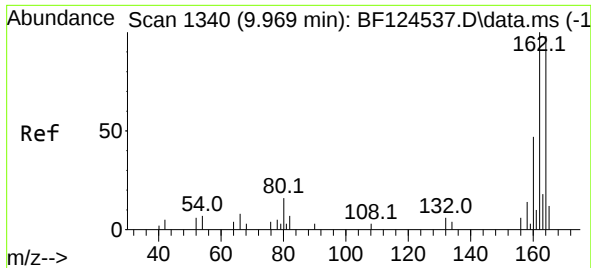
Tgt Ion: 82 Resp: 37042
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 5.78 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.082 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

Tgt Ion:122 Resp: 134
Ion Ratio Lower Upper
122 100
105 110.8 97.6 137.6
77 0.0 59.6 99.6#

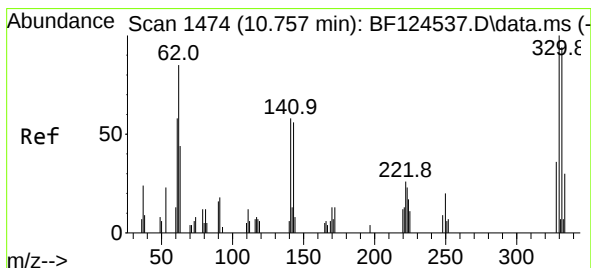
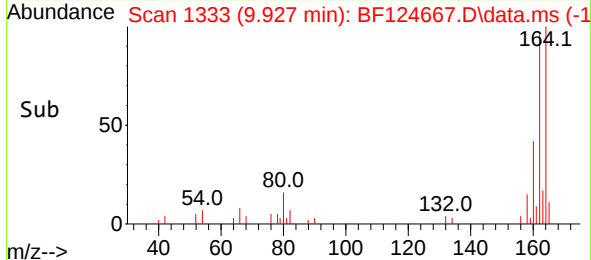
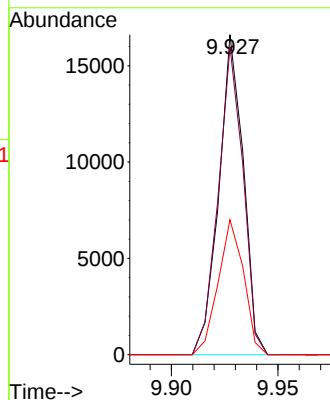
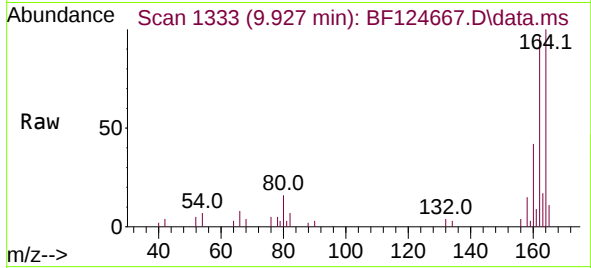




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

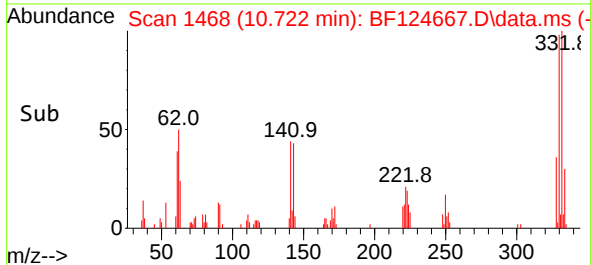
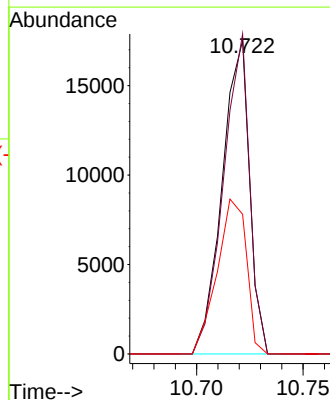
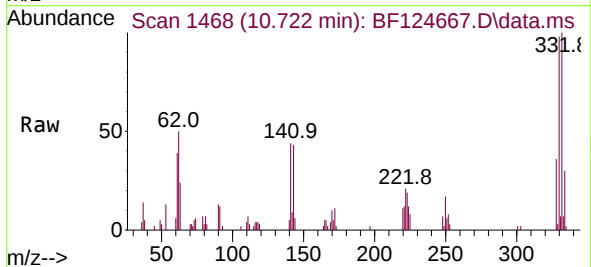
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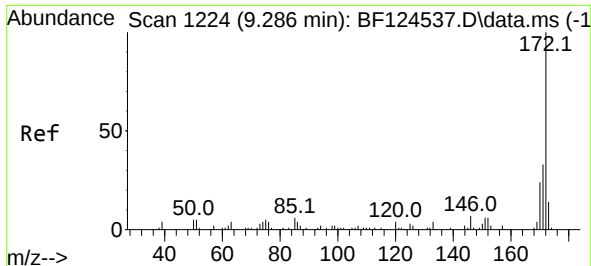
Tgt Ion:164 Resp: 13239
Ion Ratio Lower Upper
164 100
162 96.3 81.3 121.9
160 42.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 152.10 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

Tgt Ion:330 Resp: 15670
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 53.0 44.6 66.8

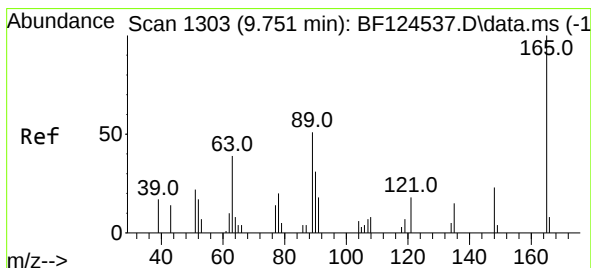
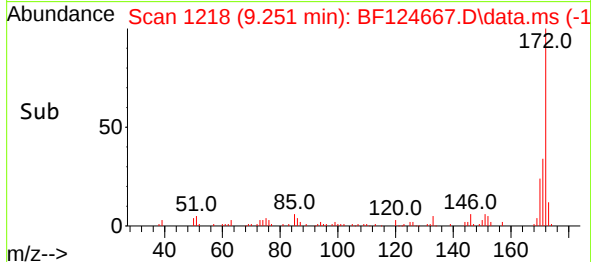
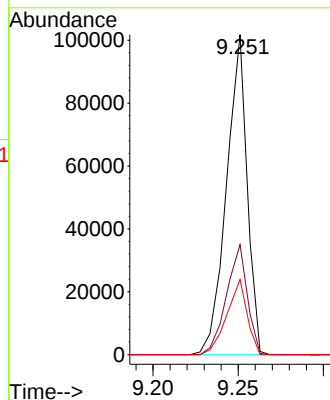
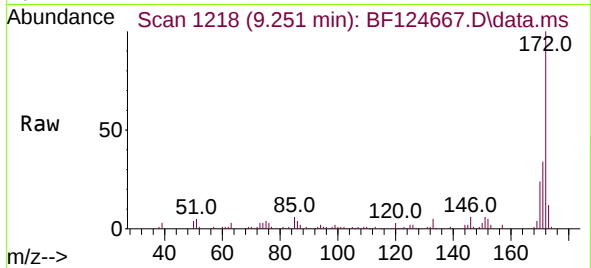




#45
2-Fluorobiphenyl
Concen: 94.48 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

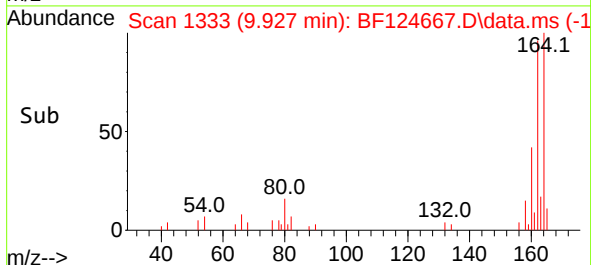
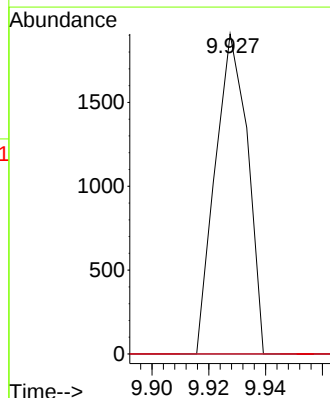
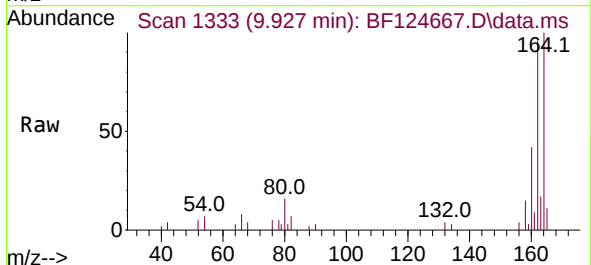
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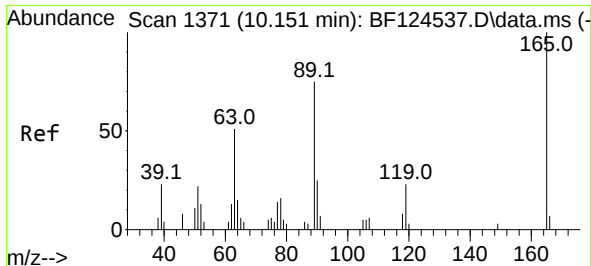
Tgt Ion:172 Resp: 85773
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 23.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.33 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

Tgt Ion:165 Resp: 1512
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

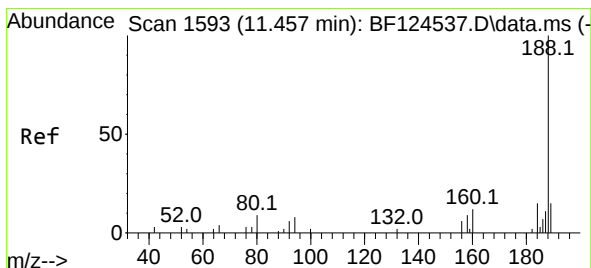
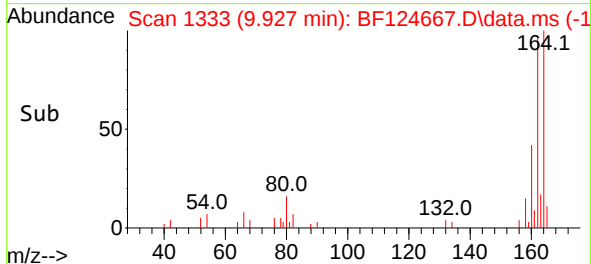
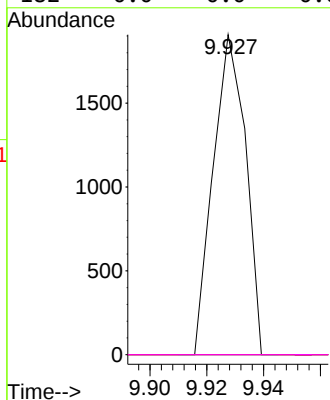
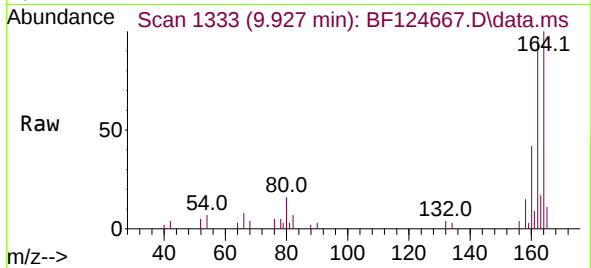




#57
2,4-Dinitrotoluene
Concen: 6.08 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

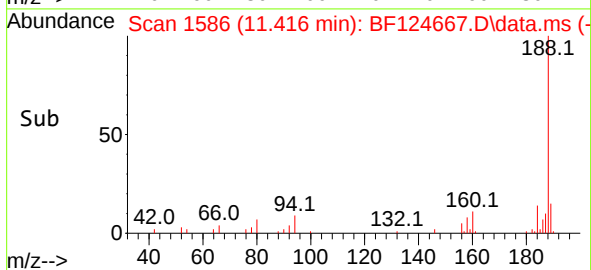
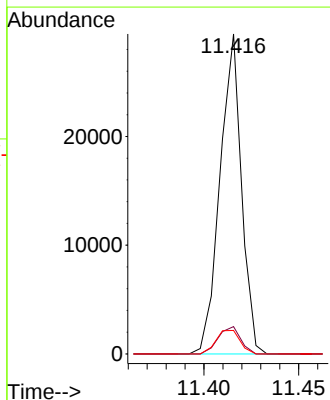
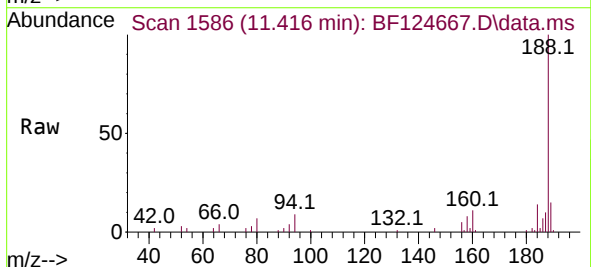
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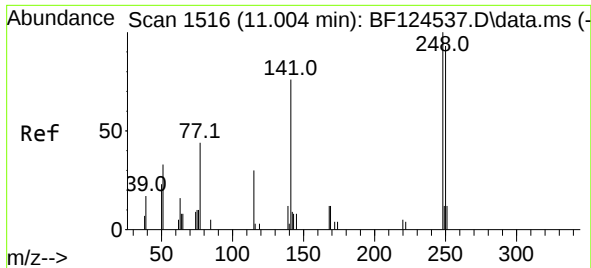
Tgt Ion:165 Resp: 1512
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

Tgt Ion:188 Resp: 23211
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 7.4 7.5 11.3#

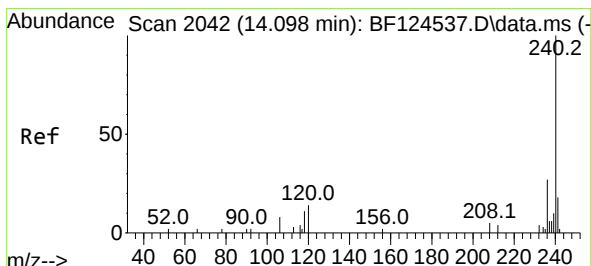
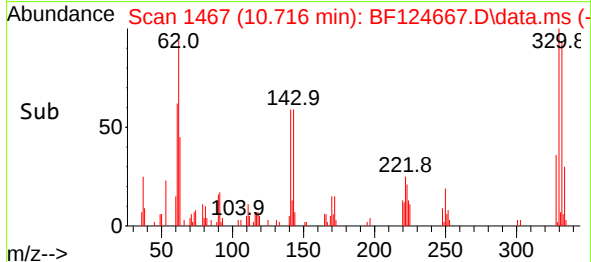
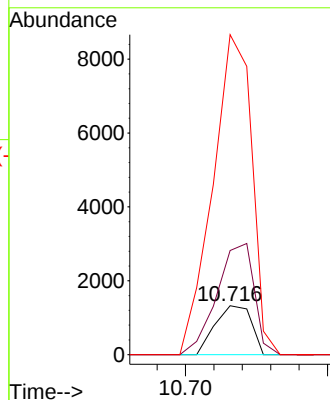
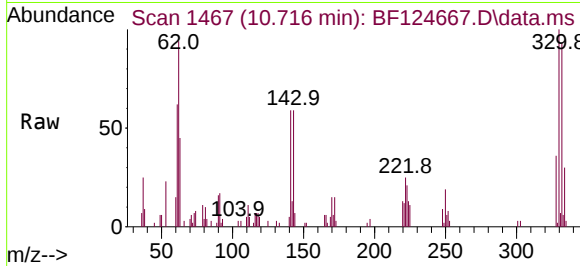




#67
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

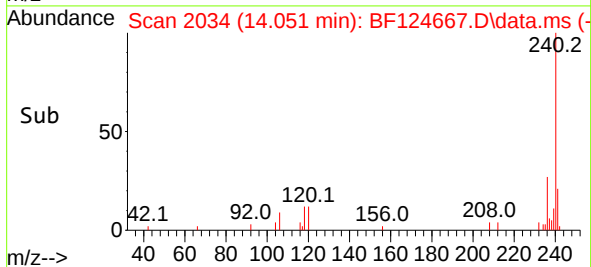
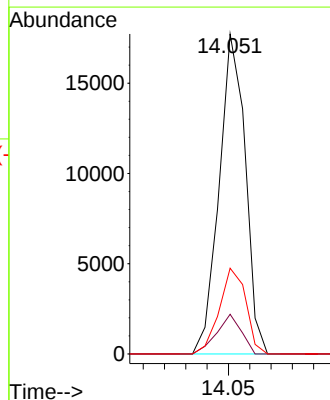
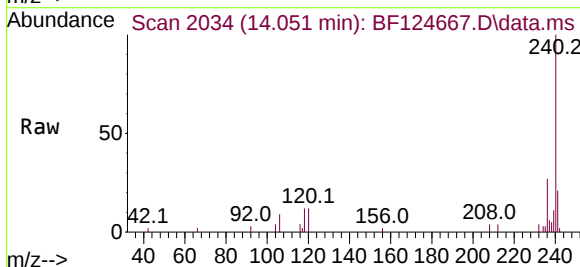
Instrument :
BNA_F
ClientSampleId :
20210587-AMENDED-COM-1-SPLP

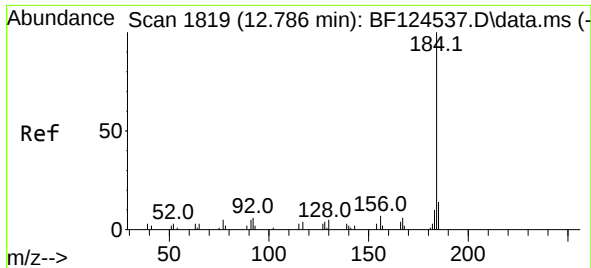
Tgt Ion:248 Resp: 1175
Ion Ratio Lower Upper
248 100
250 213.1 74.2 111.4#
141 654.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

Tgt Ion:240 Resp: 15101
Ion Ratio Lower Upper
240 100
120 12.4 10.8 16.2
236 26.8 21.6 32.4

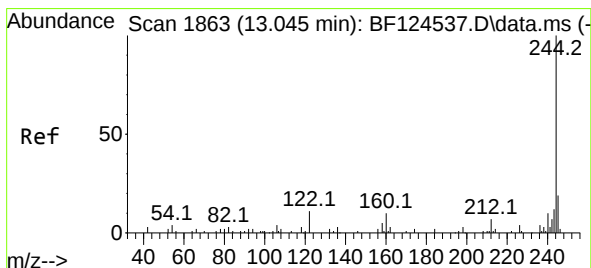
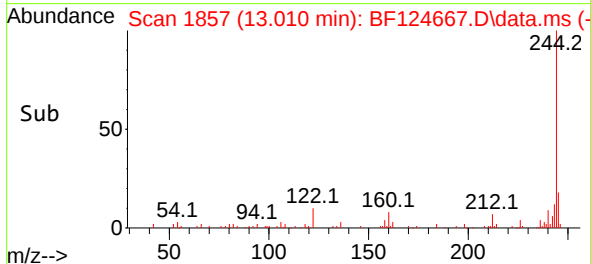
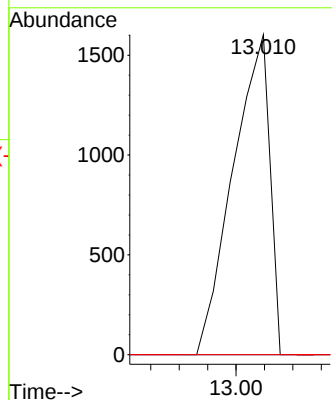
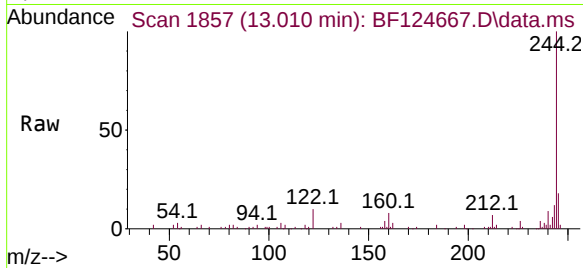




#77
Benzidine
Concen: 2.55 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.259 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

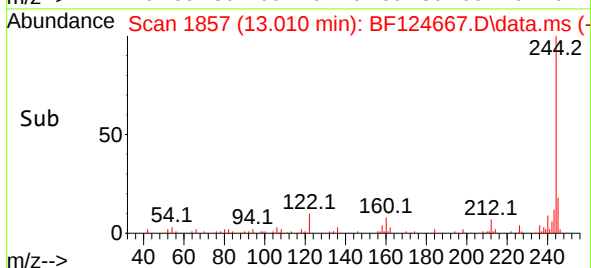
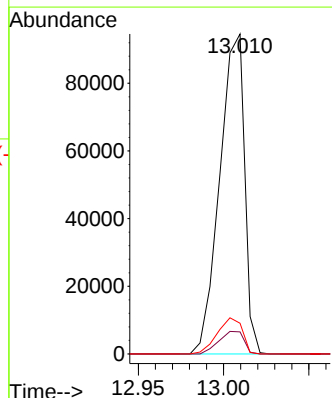
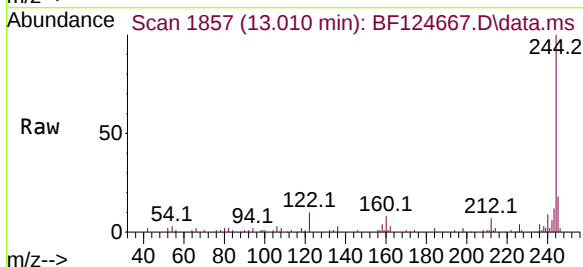
Instrument :
BNA_F
ClientSampleId :
20210587-AMENDED-COM-1-SPLP

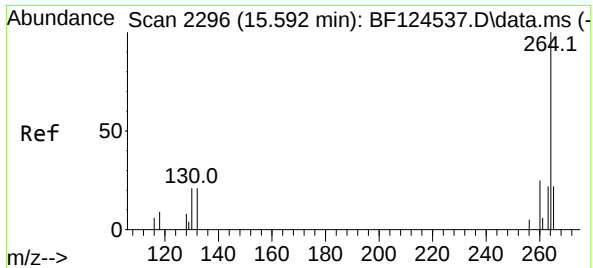
Tgt Ion:184 Resp: 1439
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 106.61 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

Tgt Ion:244 Resp: 95876
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.6 9.0 13.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF124667.D
Acq: 21 Jul 2021 18:05

Instrument :
BNA_F
ClientSampleId :
20210587-AMENDED-COM-1-SPLP

Tgt Ion:264	Resp:	13853
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.6 29.4
265	20.9	17.2 25.8

