

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071421\
 Data File : BF124563.D
 Acq On : 14 Jul 2021 14:19
 Operator : JU/CG
 Sample : PB137690BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137690BL

Quant Time: Jul 14 14:51:40 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 14 13:25:43 2021
 Response via : Initial Calibration

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

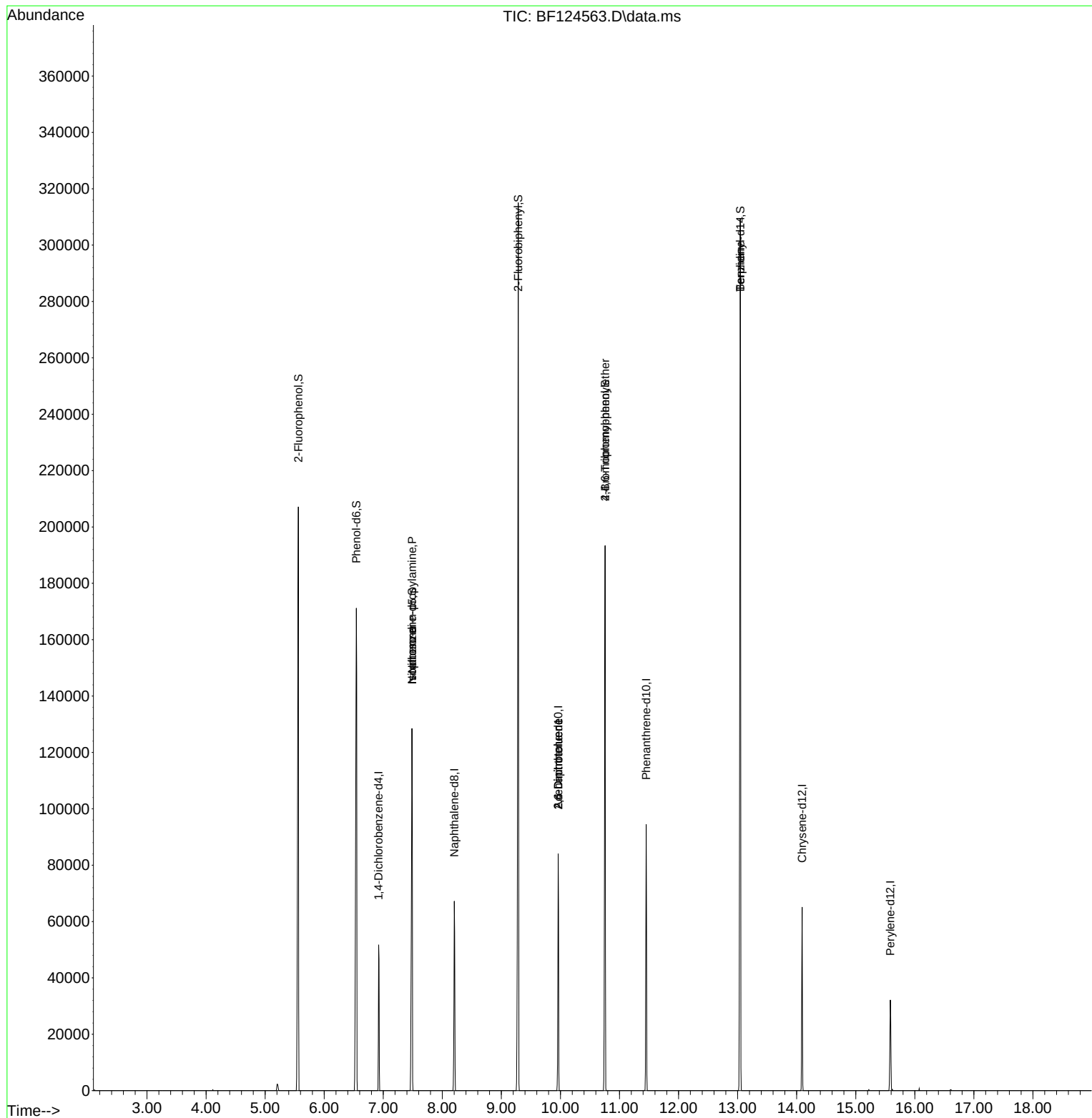
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	8139	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	33123	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	18313	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	33267	20.000	ng	0.00
76) Chrysene-d12	14.092	240	22203	20.000	ng	0.00
86) Perylene-d12	15.586	264	16303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	63568	135.319	ng	0.02
7) Phenol-d6	6.545	99	73429	128.492	ng	0.00
23) Nitrobenzene-d5	7.487	82	45516	86.746	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	17522	122.954	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	106354	84.688	ng	0.00
79) Terphenyl-d14	13.045	244	116950	88.449	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.487	70	6313	19.649	ng	# 76
25) Isophorone	7.487	82	45379	47.112	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	2214	8.815	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	2214	6.439	ng	# 18
67) 4-Bromophenyl-phenylether	10.757	248	1377	4.003	ng	# 1
77) Benzidine	13.045	184	1770	2.132	ng	# 69

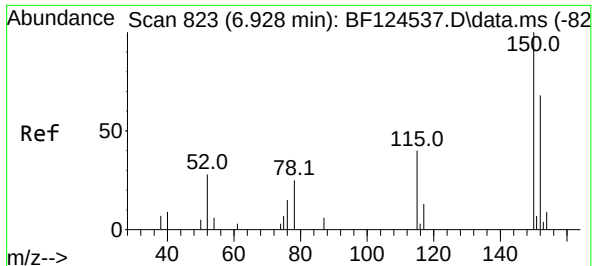
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071421\
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Instrument :
BNA_F
ClientSampleId :
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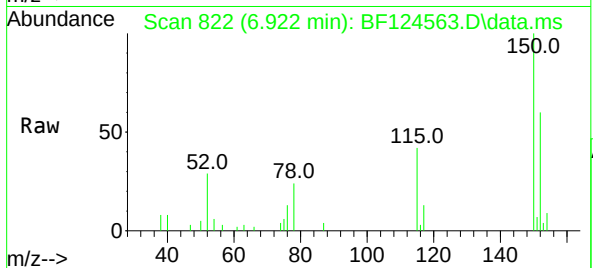
Quant Time: Jul 14 14:51:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 13:25:43 2021
Response via : Initial Calibration



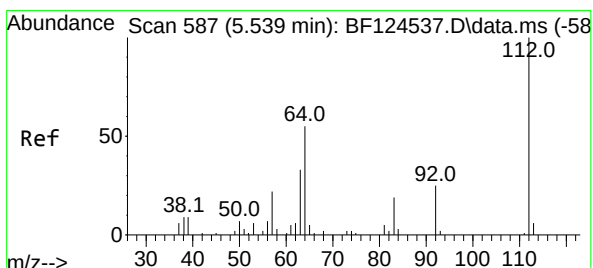
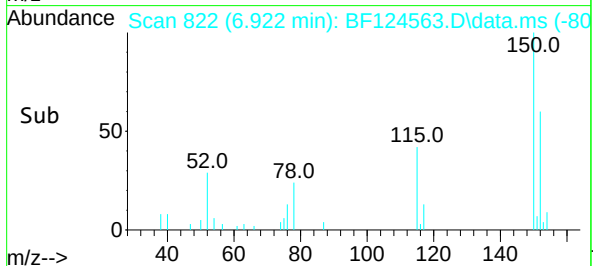
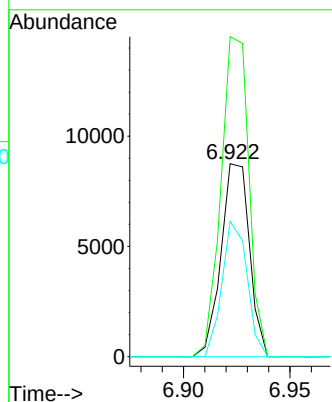


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

Instrument :
BNA_F
ClientSampleId :
PB137690BL

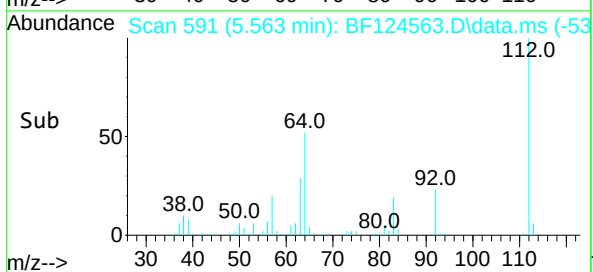
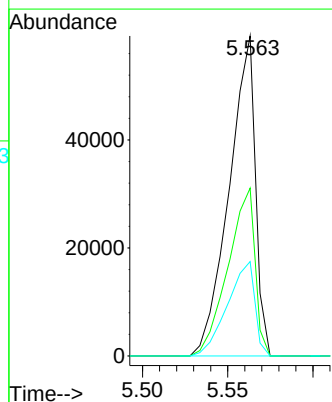
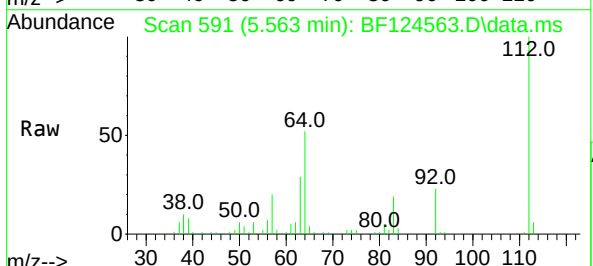


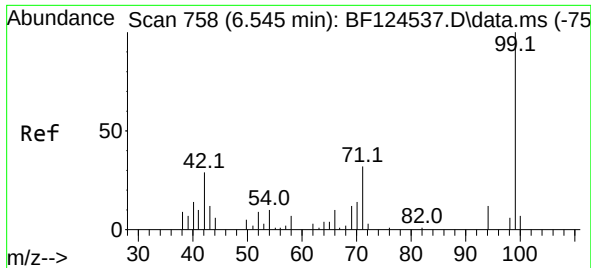
Tgt Ion:152 Resp: 8139
Ion Ratio Lower Upper
152 100
150 165.9 117.6 176.4
115 70.1 47.1 70.7



#5
2-Fluorophenol
Concen: 135.319 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.024 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

Tgt Ion:112 Resp: 63568
Ion Ratio Lower Upper
112 100
64 52.4 44.2 66.2
63 29.5 26.2 39.2

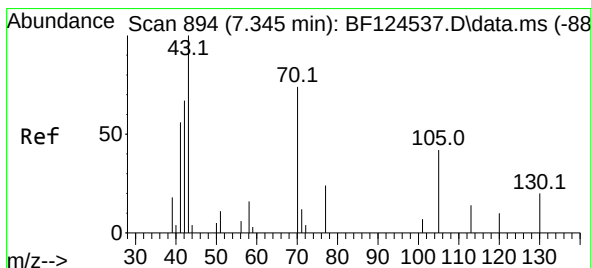
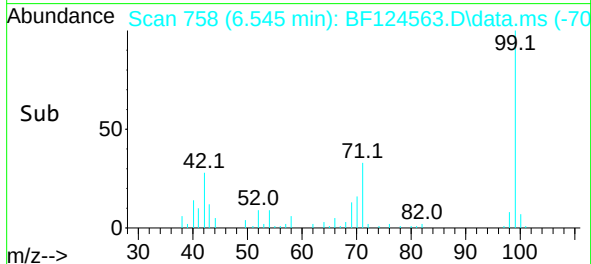
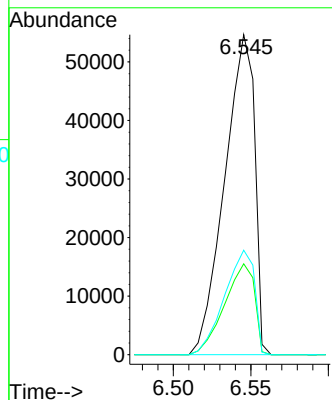
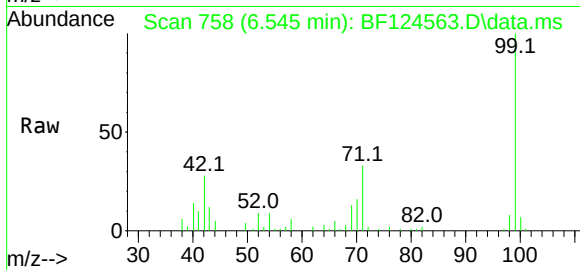




#7
Phenol-d6
Concen: 128.492 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

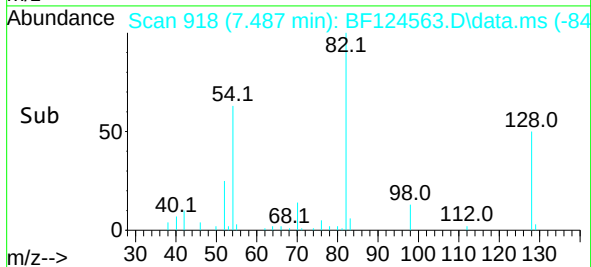
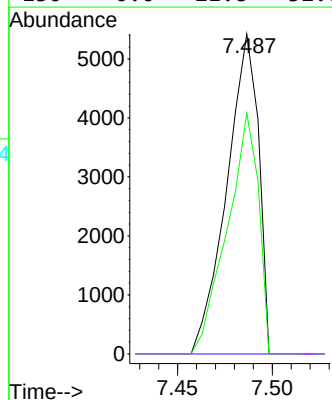
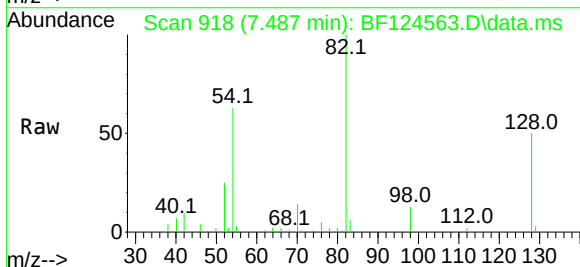
Instrument :
BNA_F
ClientSampleId :
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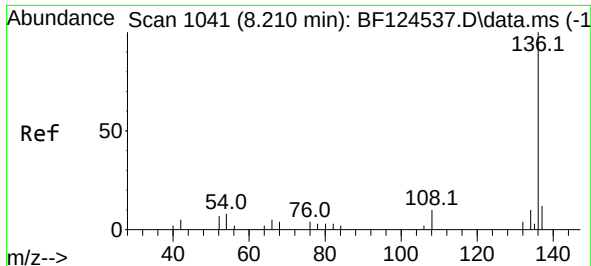
Tgt Ion: 99 Resp: 73429
Ion Ratio Lower Upper
99 100
42 28.4 23.5 35.3
71 32.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.649 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

Tgt Ion: 70 Resp: 6313
Ion Ratio Lower Upper
70 100
42 75.2 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

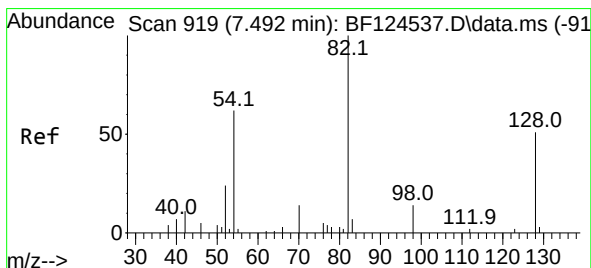
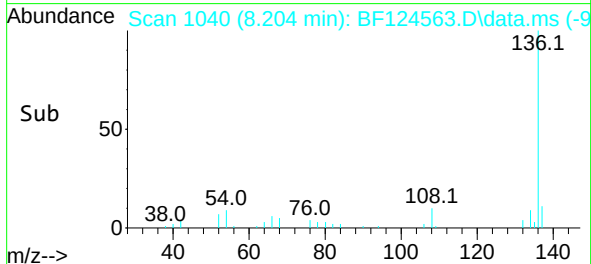
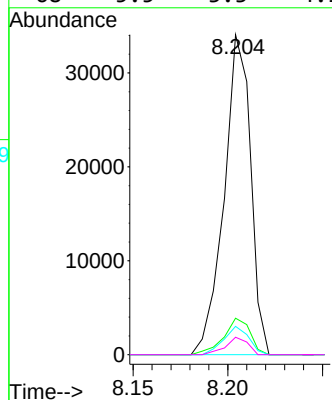
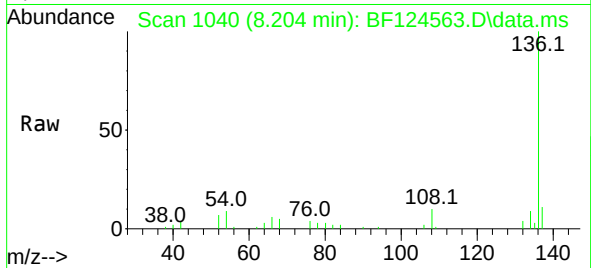




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

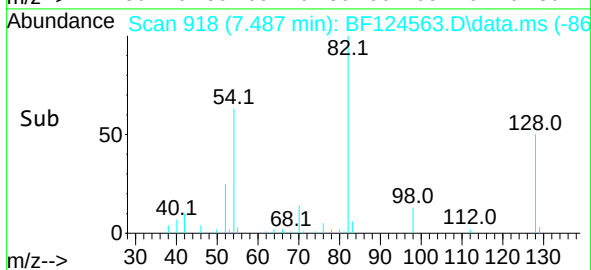
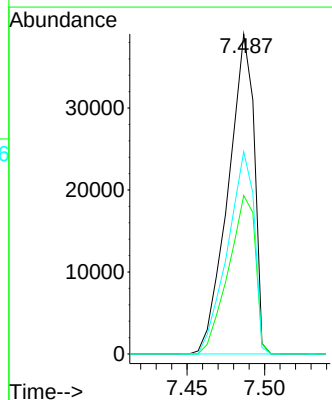
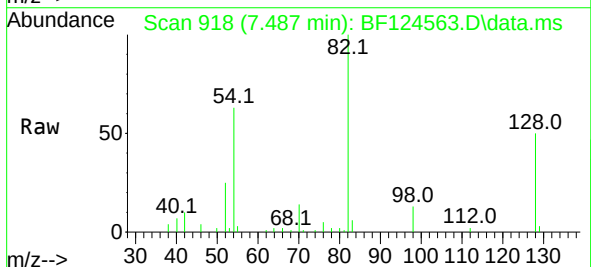
Instrument :
BNA_F
ClientSampleId :
PB137690BL

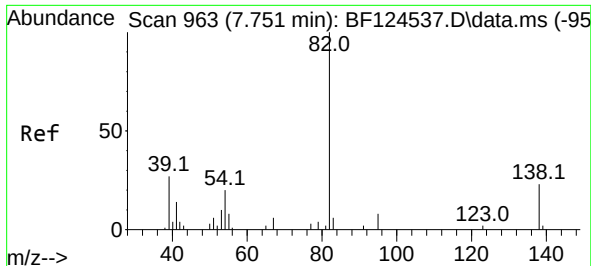
Tgt Ion:	136	Resp:	33123
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	8.8	6.4	9.6
68	5.5	3.3	4.9



#23
Nitrobenzene-d5
Concen: 86.746 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.005 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

Tgt Ion:	82	Resp:	45516
Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.6	60.8
54	63.2	49.6	74.4

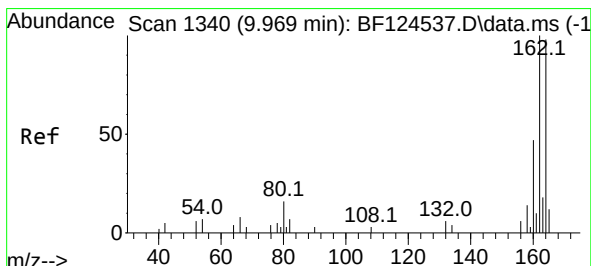
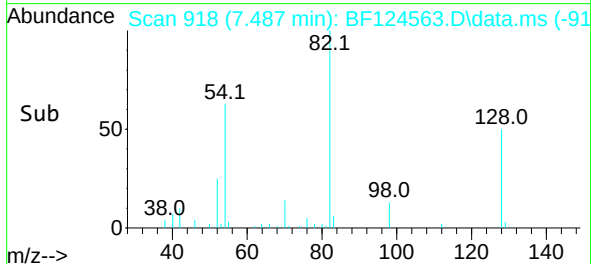
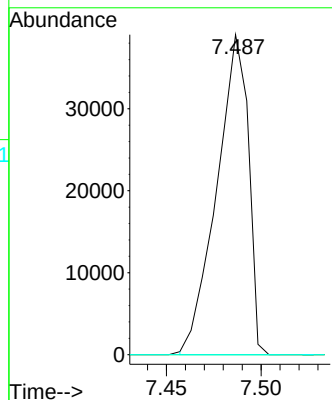
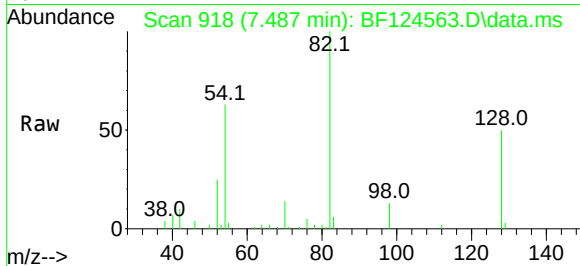




#25
Isophorone
Concen: 47.112 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

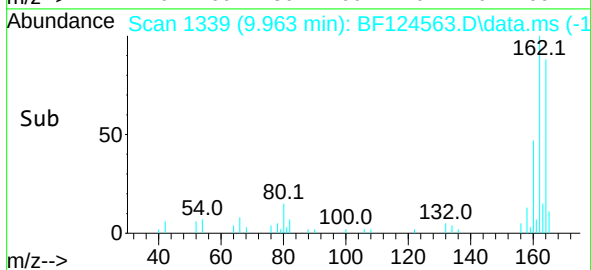
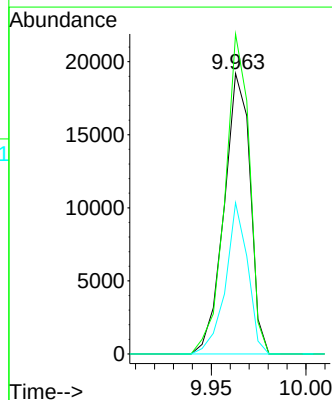
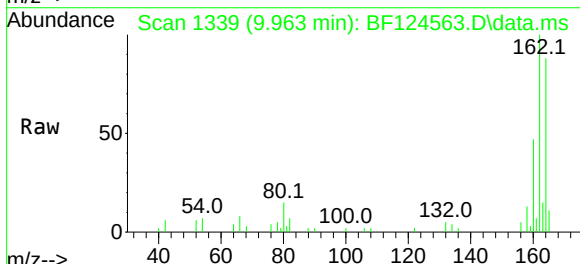
Instrument :
BNA_F
ClientSampleId :
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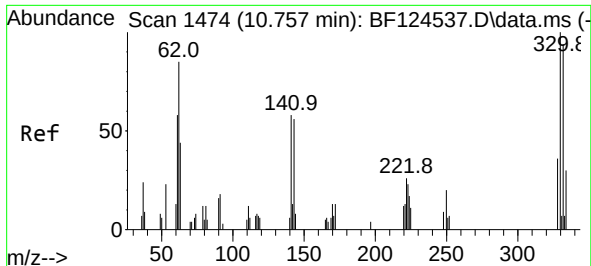
Tgt Ion: 82 Resp: 45379
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

Tgt Ion: 164 Resp: 18313
Ion Ratio Lower Upper
164 100
162 114.1 81.3 121.9
160 53.9 38.0 57.0

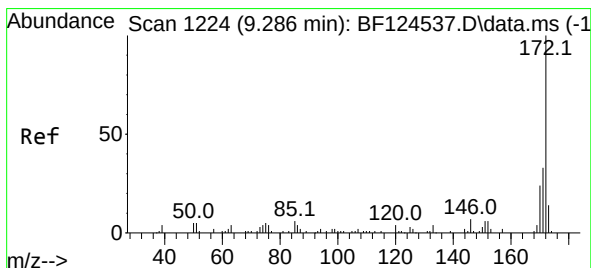
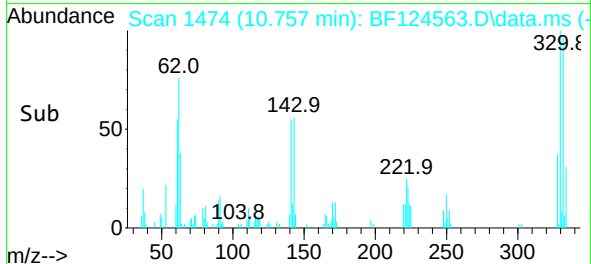
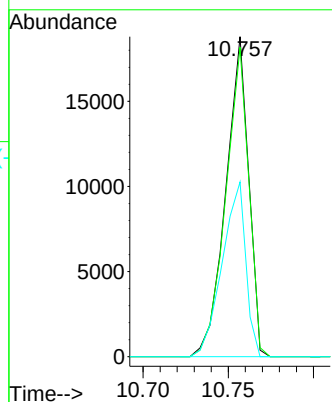
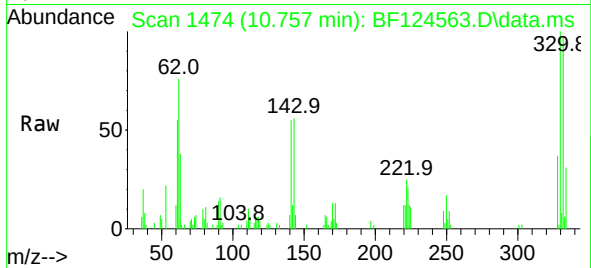




#42
2,4,6-Tribromophenol
Concen: 122.954 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

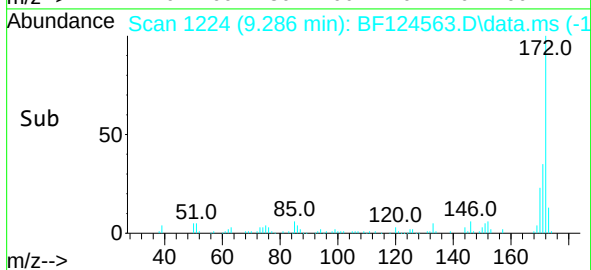
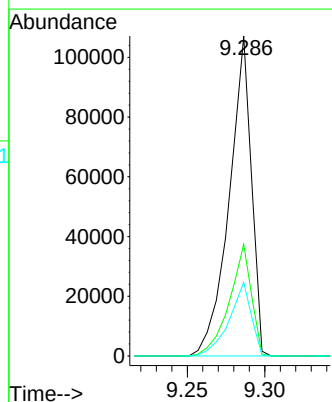
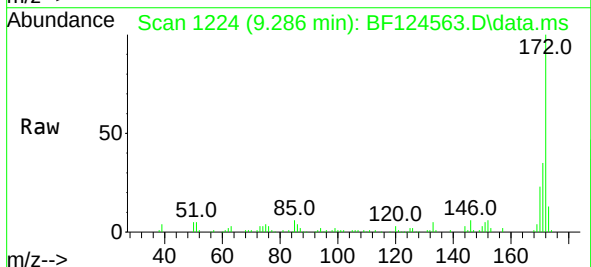
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ClientSampleId :
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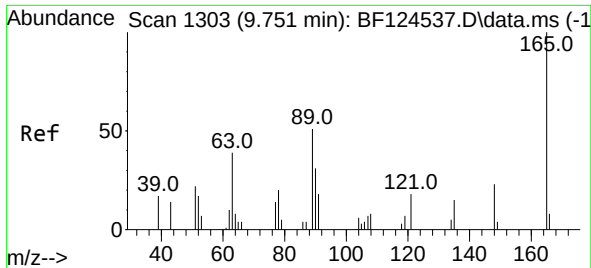
Tgt Ion: 330 Resp: 17522
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 56.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 84.688 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

Tgt Ion: 172 Resp: 106354
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.0 18.8 28.2

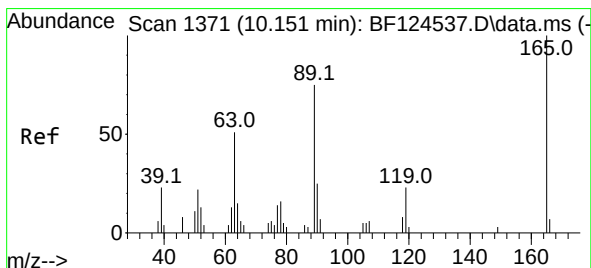
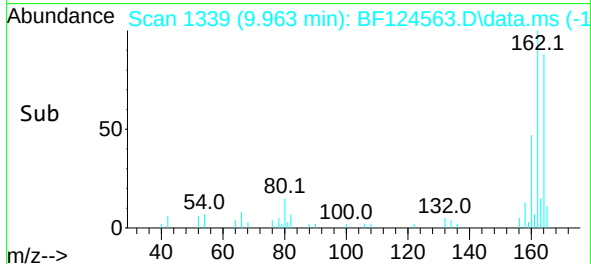
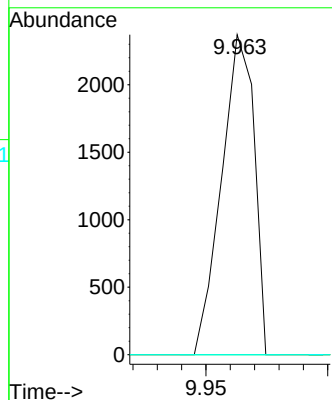
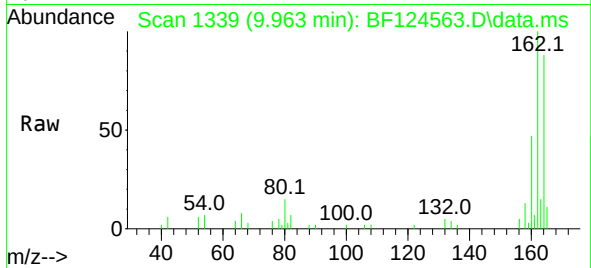




#51
2,6-Dinitrotoluene
Concen: 8.815 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

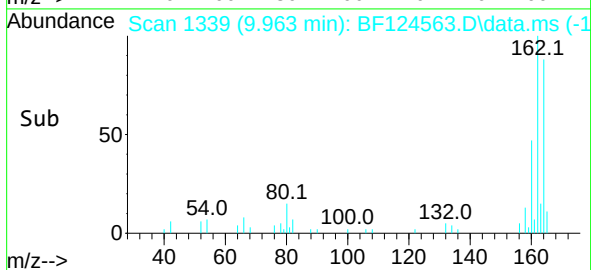
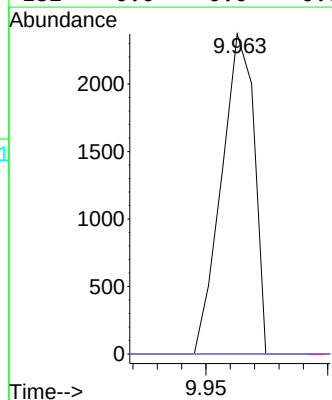
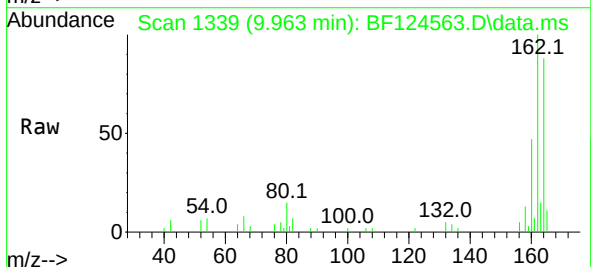
Instrument :
BNA_F
ClientSampled :
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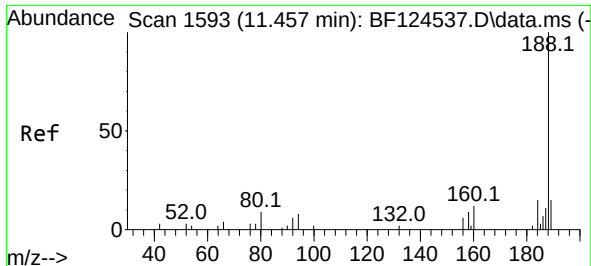
Tgt Ion:165 Resp: 2214
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.439 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

Tgt Ion:165 Resp: 2214
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

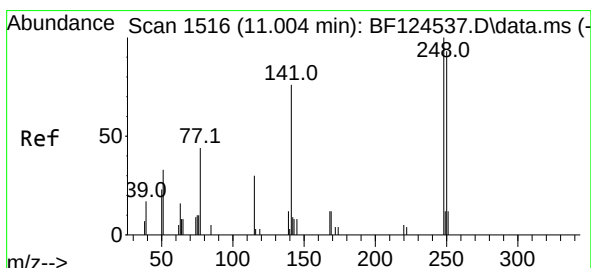
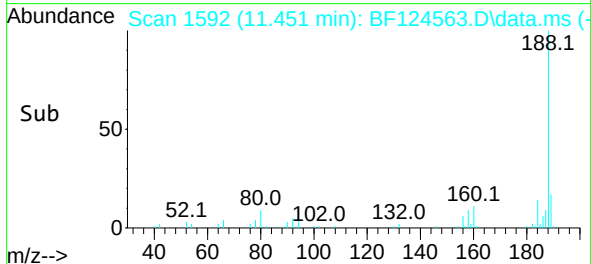
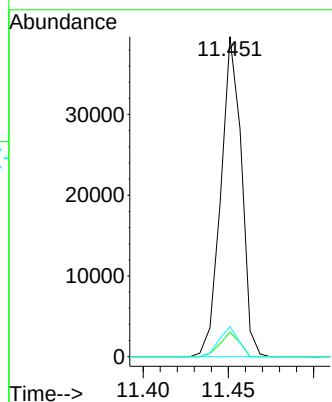
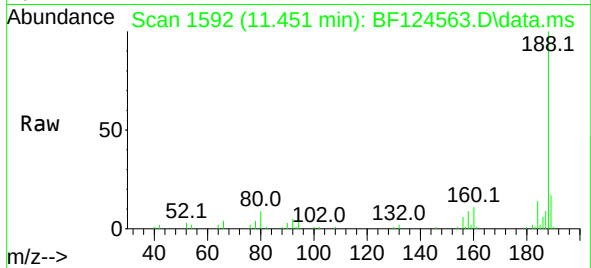




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

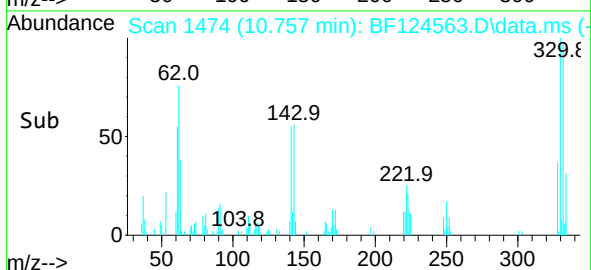
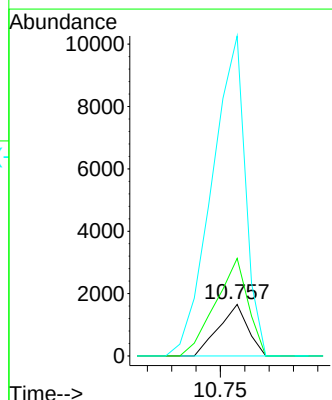
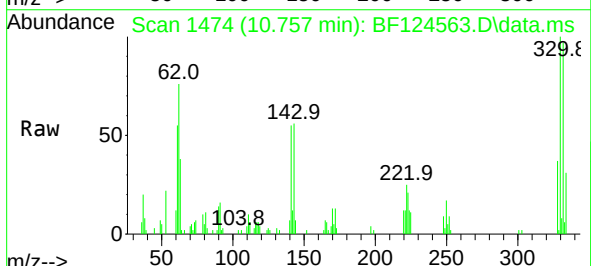
Instrument :
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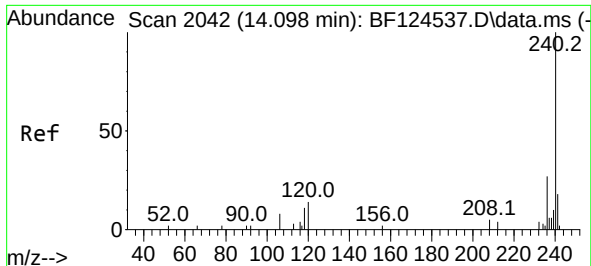
Tgt Ion:188 Resp: 33267
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.003 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.247 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

Tgt Ion:248 Resp: 1377
Ion Ratio Lower Upper
248 100
250 189.3 74.2 111.4#
141 620.5 60.4 90.6#

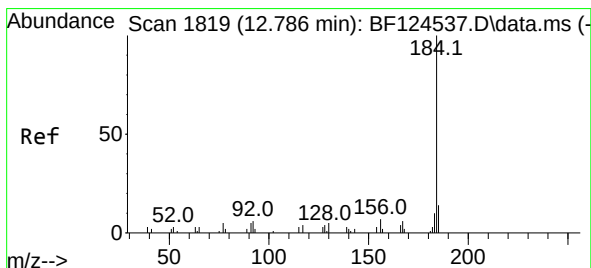
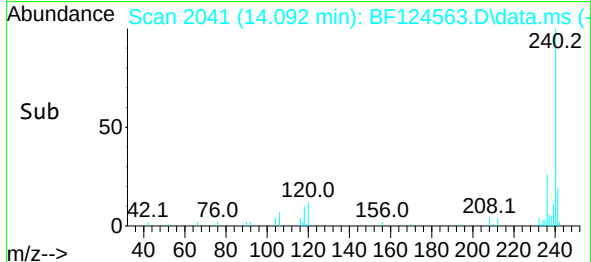
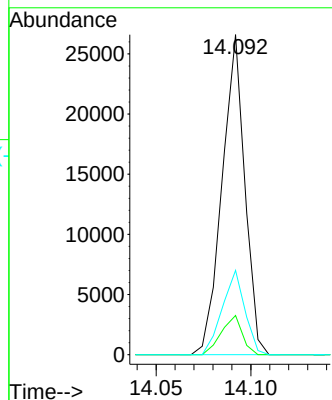
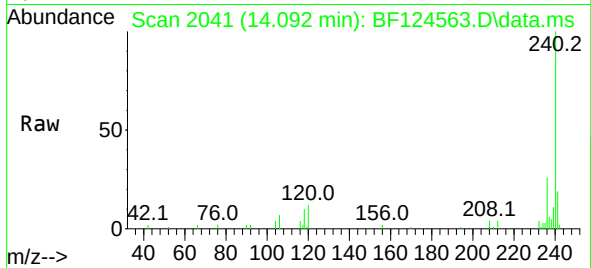




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

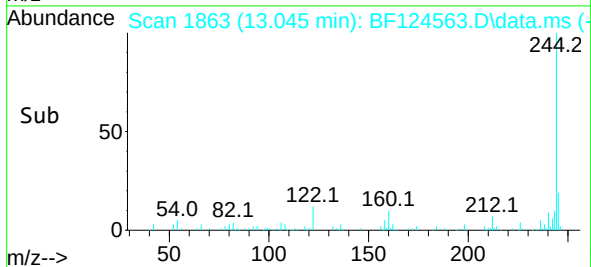
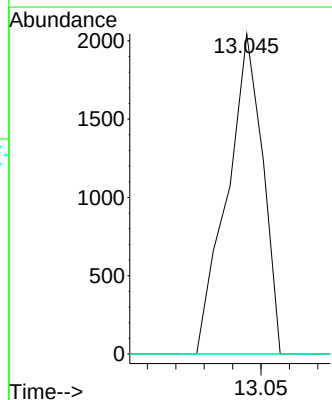
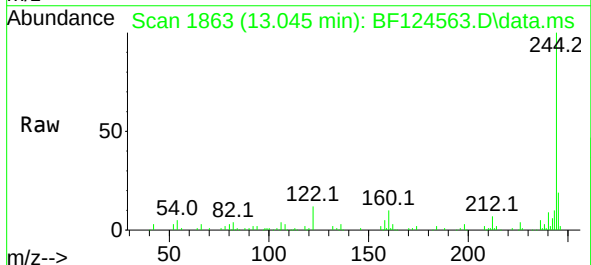
Instrument :
BNA_F
ClientSampleId :
PB137690BL

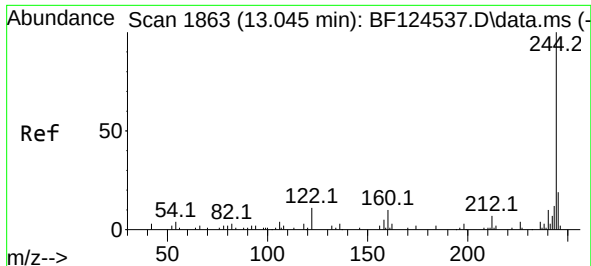
Tgt Ion:240 Resp: 22203
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 26.4 21.6 32.4



#77
Benzidine
Concen: 2.132 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.259 min
Lab File: BF124563.D
Acq: 14 Jul 2021 14:19

Tgt Ion:184 Resp: 1770
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

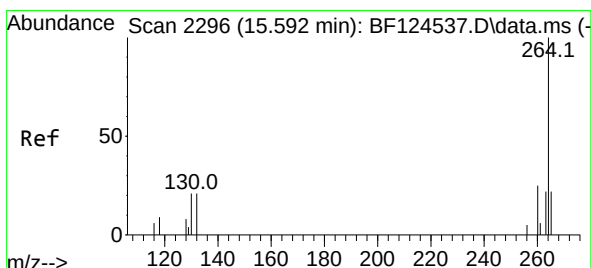
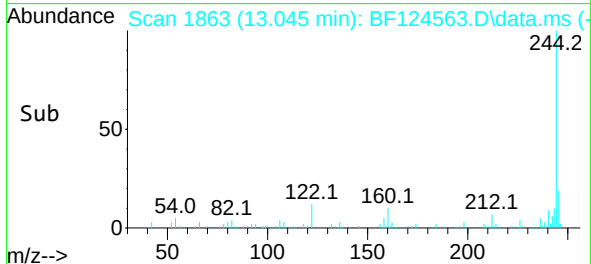
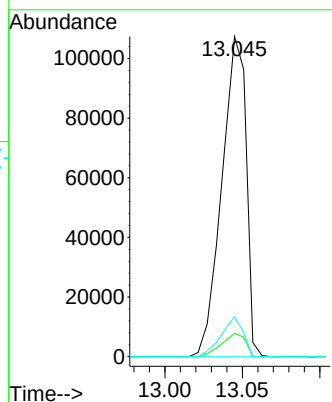
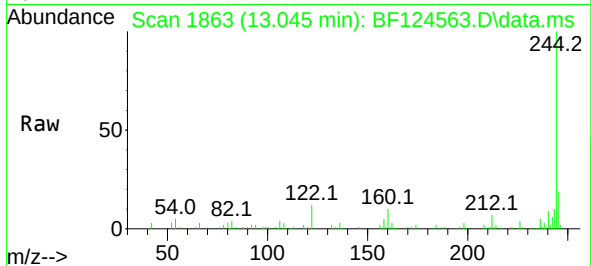




#79
 Terphenyl-d14
 Concen: 88.449 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF124563.D
 Acq: 14 Jul 2021 14:19

Instrument :
 BNA_F
 ClientSampleID :
 PB137690BL

Tgt Ion:244 Resp: 116950
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF124563.D
 Acq: 14 Jul 2021 14:19

Tgt Ion:264 Resp: 16303
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 19.6 17.2 25.8

