

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124357.D
 Acq On : 17 Jun 2021 11:38
 Operator : JU/CG
 Sample : M2678-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMND-COMP-D(CL-01A)

Quant Time: Jun 17 12:03:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

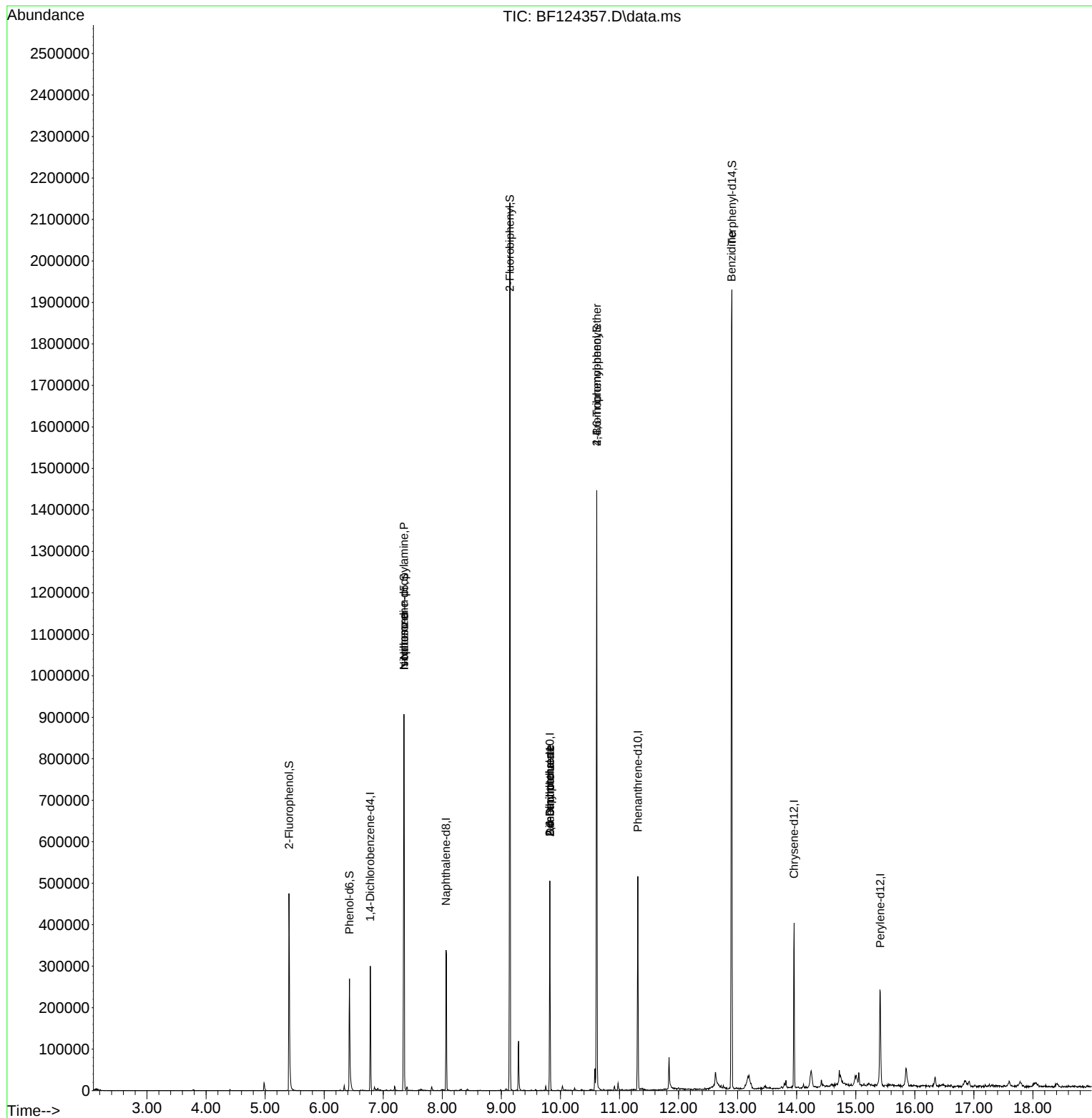
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	35636	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	136933	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	81266	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	155504	20.000	ng	0.00
76) Chrysene-d12	13.957	240	122149	20.000	ng	0.00
86) Perylene-d12	15.415	264	91458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	112440	47.497	ng	-0.01
7) Phenol-d6	6.428	99	80047	25.156	ng	-0.02
23) Nitrobenzene-d5	7.351	82	287642	83.313	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	135147	117.382	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	545747	84.506	ng	0.00
79) Terphenyl-d14	12.904	244	655778	73.710	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	40178	17.887	ng	# 62
25) Isophorone	7.351	82	287642	46.233	ng	# 69
50) Dimethylphthalate	9.822	163	16103	2.395	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	10485	6.801	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	10485	5.157	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	9633	4.513	ng	# 1
77) Benzidine	12.898	184	11571	7.781	ng	# 95

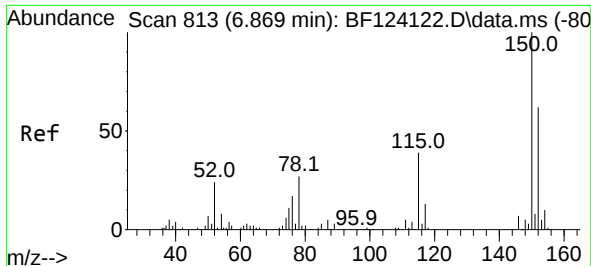
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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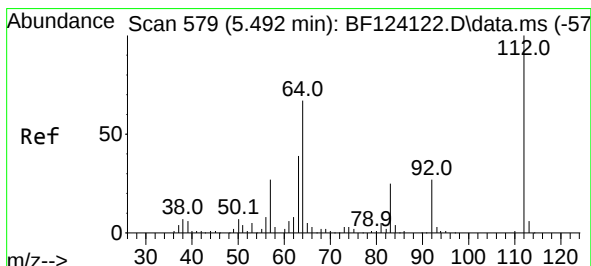
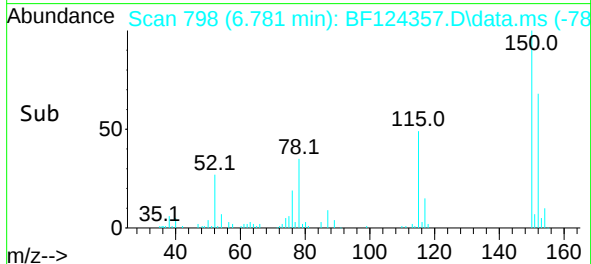
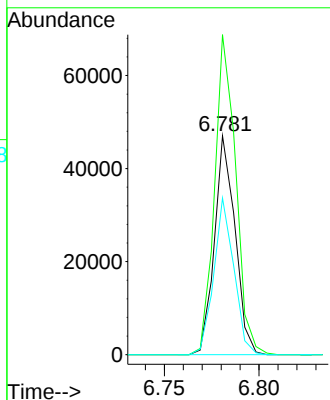
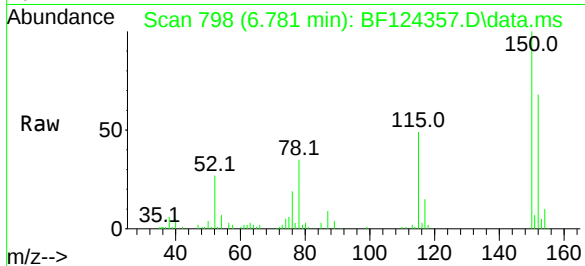




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

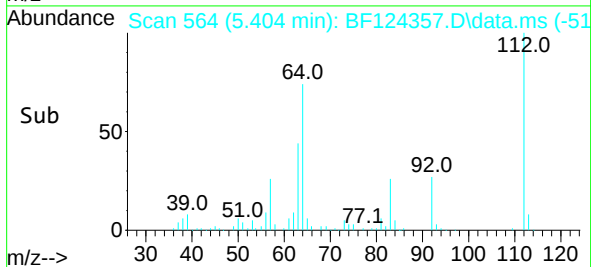
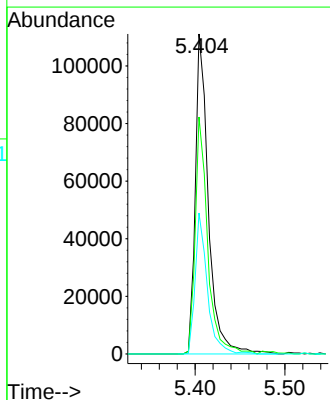
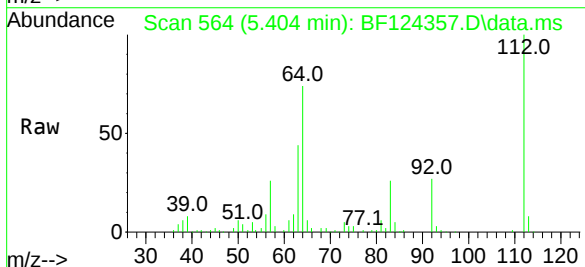
Instrument :
BNA_F
ClientSampleId :
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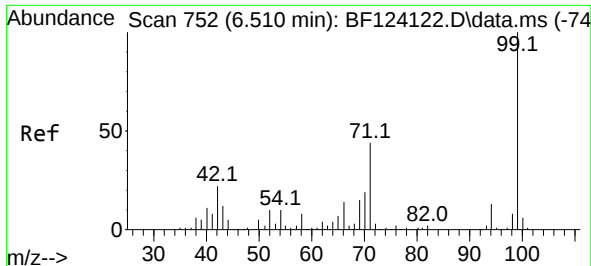
Tgt Ion:152 Resp: 35636
Ion Ratio Lower Upper
152 100
150 146.2 127.0 190.6
115 71.6 54.3 81.5



#5
2-Fluorophenol
Concen: 47.497 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.012 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

Tgt Ion:112 Resp: 112440
Ion Ratio Lower Upper
112 100
64 74.0 61.4 92.0
63 44.0 33.0 49.4

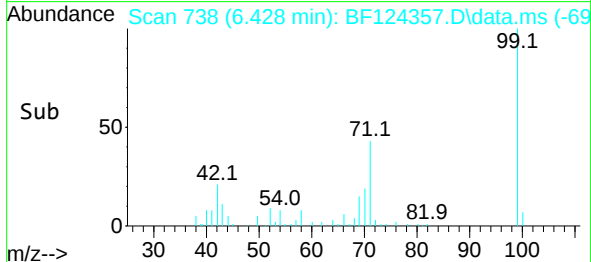
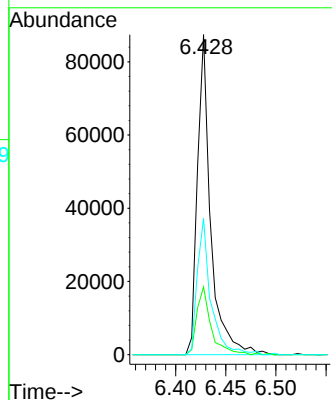
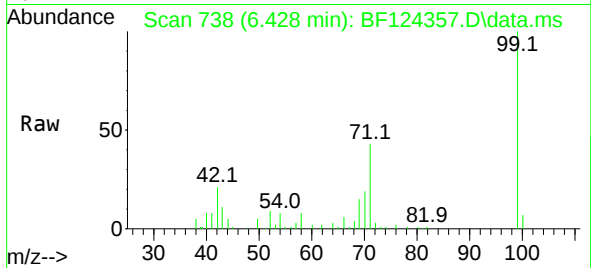




#7
Phenol-d6
Concen: 25.156 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

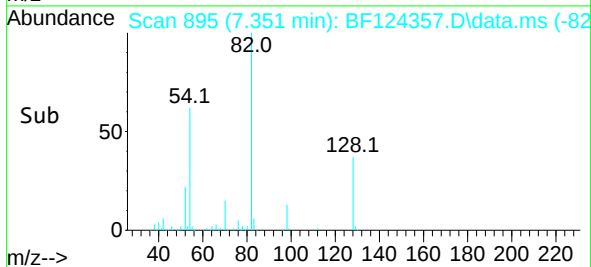
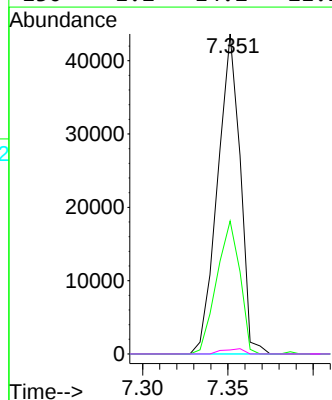
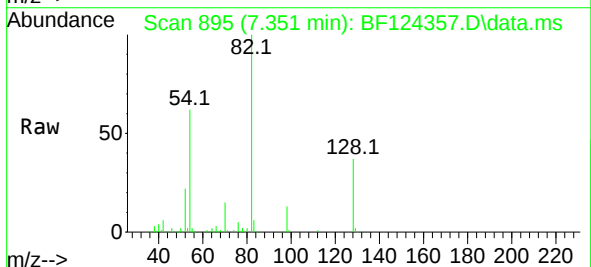
Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)

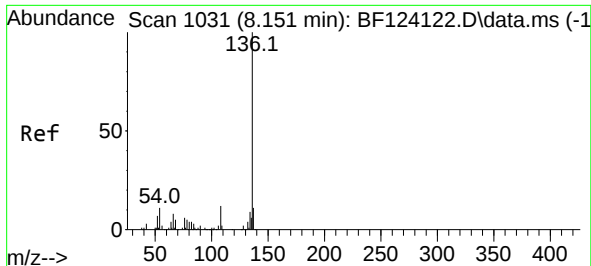
Tgt Ion: 99 Resp: 80047
Ion Ratio Lower Upper
99 100
42 21.2 19.8 29.8
71 42.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.887 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

Tgt Ion: 70 Resp: 40178
Ion Ratio Lower Upper
70 100
42 41.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.2 14.2 21.2#

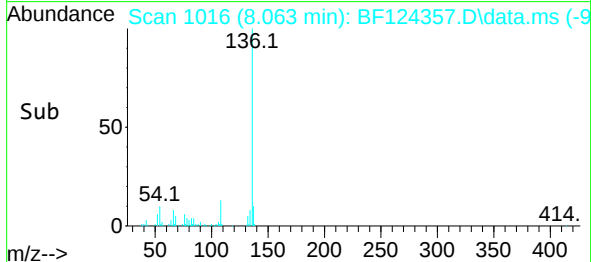
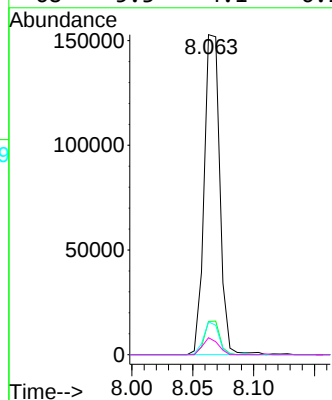
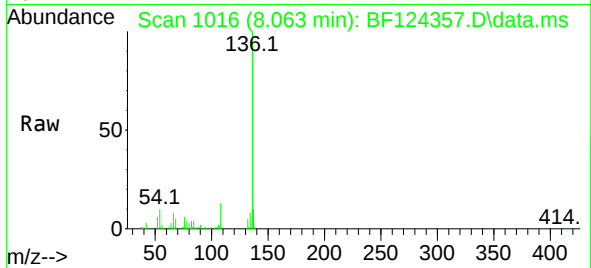




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

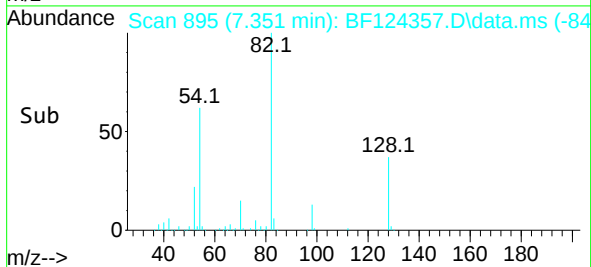
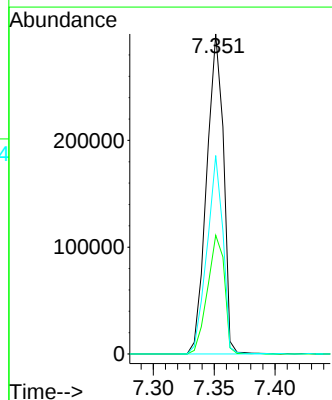
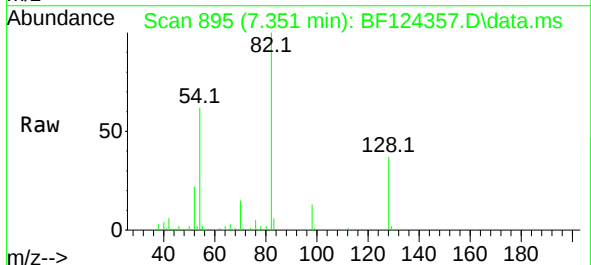
Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)

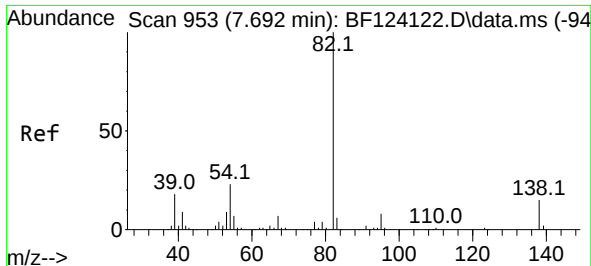
Tgt	Ion:136	Resp:	136933
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	10.3	9.8	14.6
68	5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 83.313 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

Tgt Ion: 82	Resp: 287642
Ion Ratio	Lower Upper
82 100	
128 37.1	29.4 44.2
54 62.0	54.1 81.1

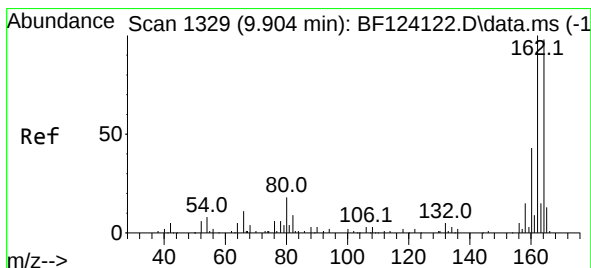
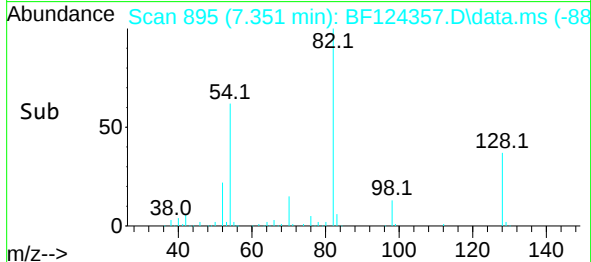
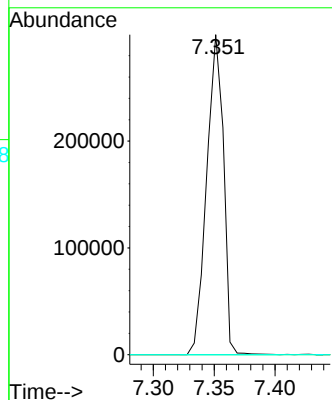
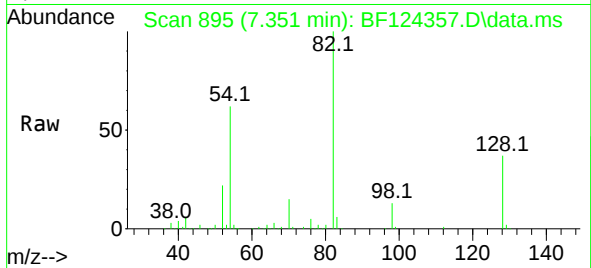




#25
Isophorone
Concen: 46.233 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

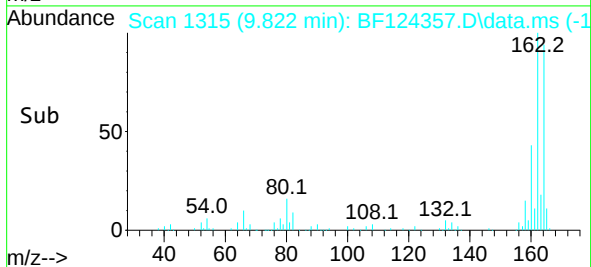
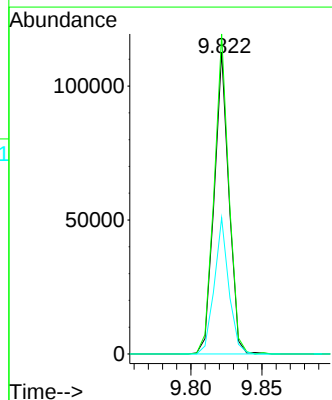
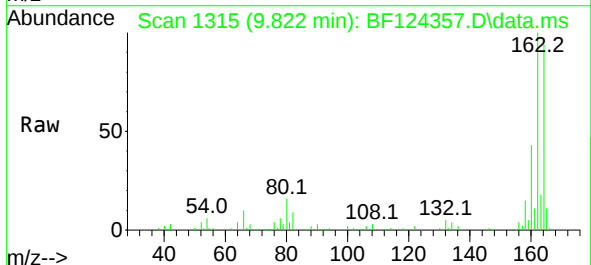
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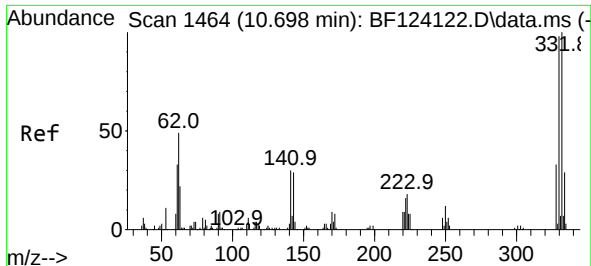
Tgt Ion: 82 Resp: 287642
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

Tgt Ion:164 Resp: 81266
Ion Ratio Lower Upper
164 100
162 106.0 80.7 121.1
160 45.1 37.3 55.9

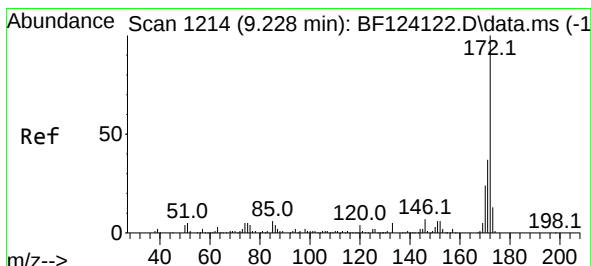
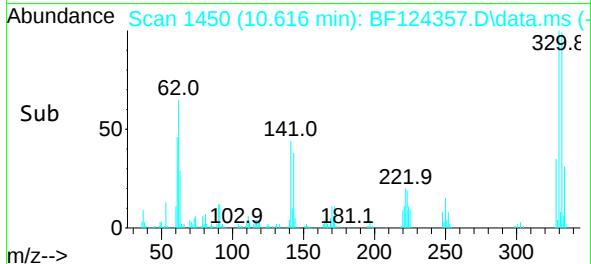
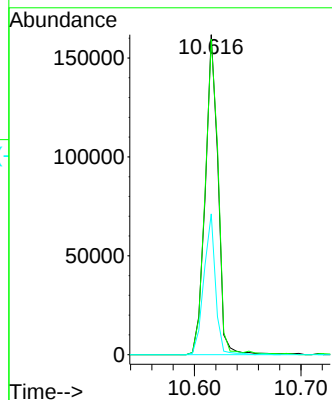
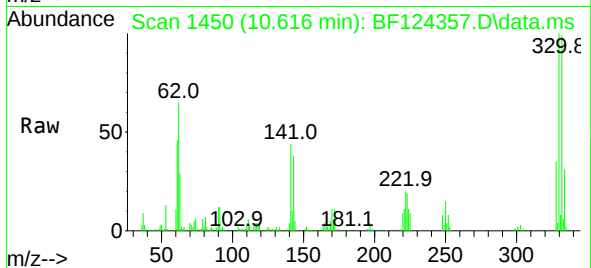




#42
2,4,6-Tribromophenol
Concen: 117.382 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

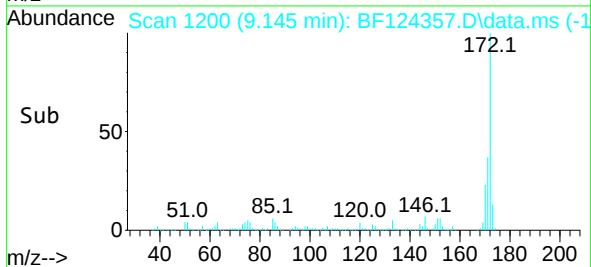
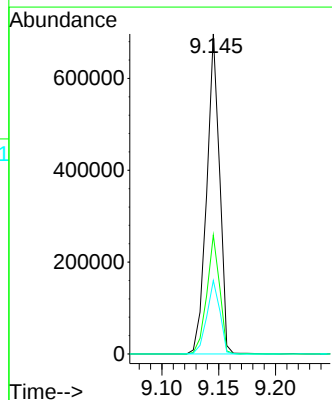
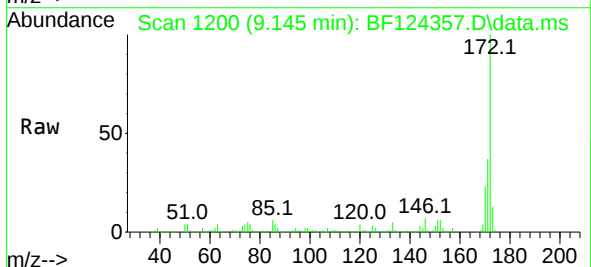
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SPLP-AMND-COMP-D(CL-01A)

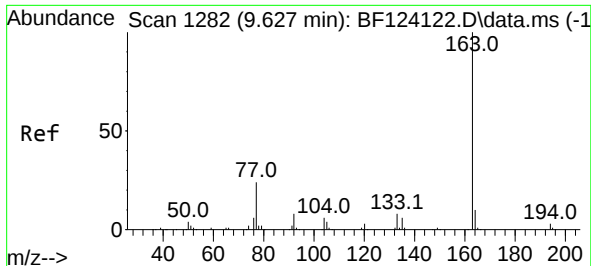
Tgt Ion: 330 Resp: 135147
Ion Ratio Lower Upper
330 100
332 101.1 77.1 115.7
141 40.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 84.506 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

Tgt Ion: 172 Resp: 545747
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 23.0 19.2 28.8

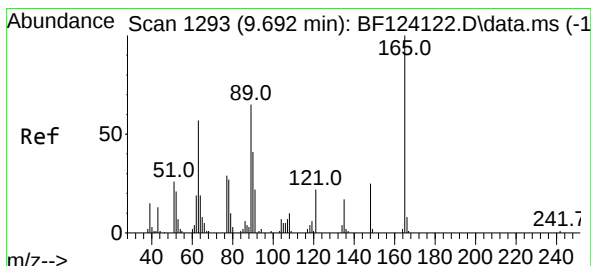
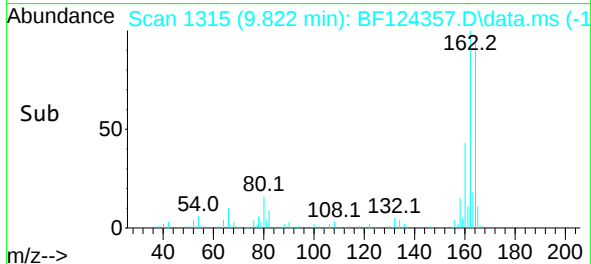
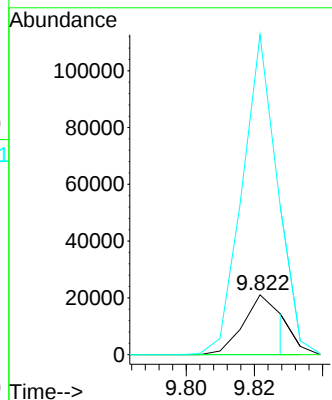
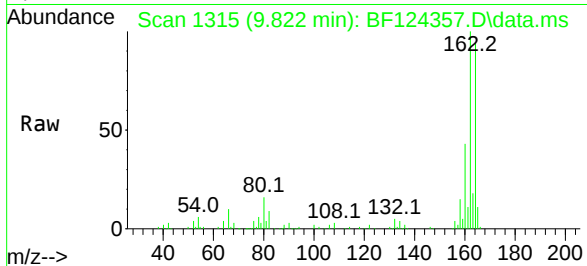




#50
Dimethylphthalate
Concen: 2.395 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

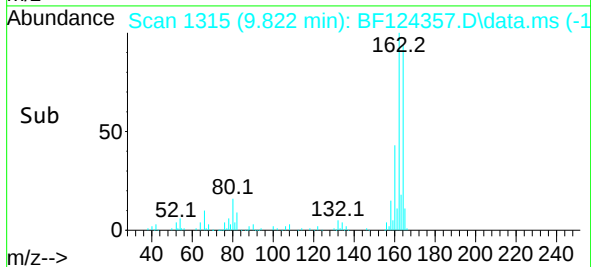
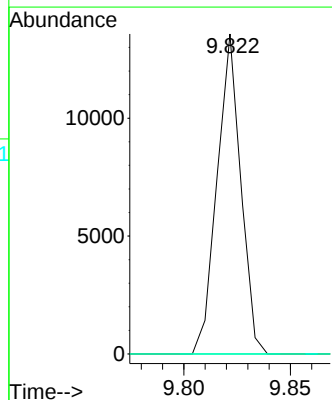
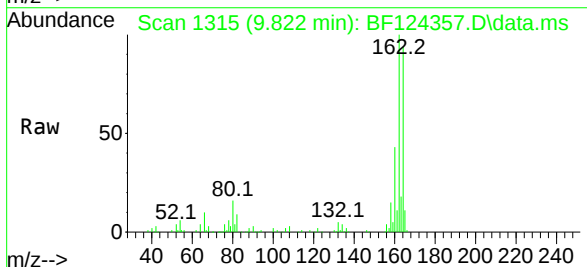
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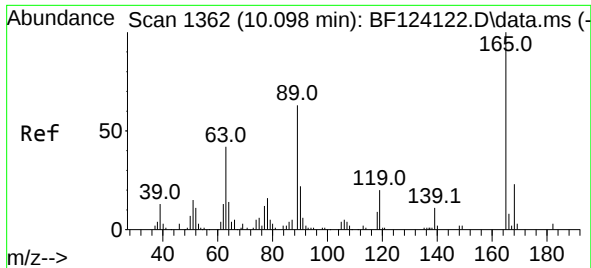
Tgt Ion:163 Resp: 16103
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 534.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.801 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

Tgt Ion:165 Resp: 10485
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#

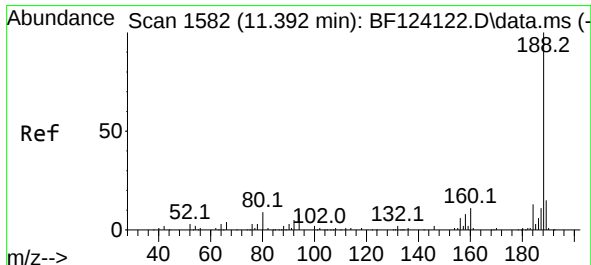
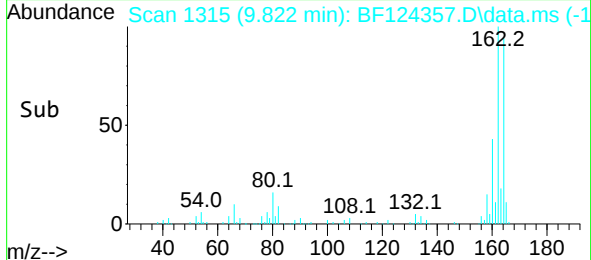
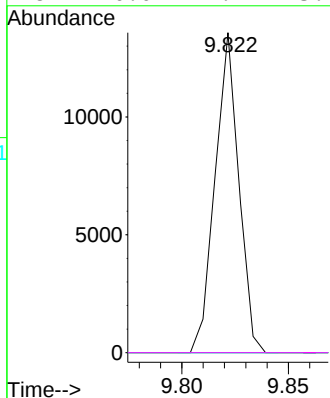
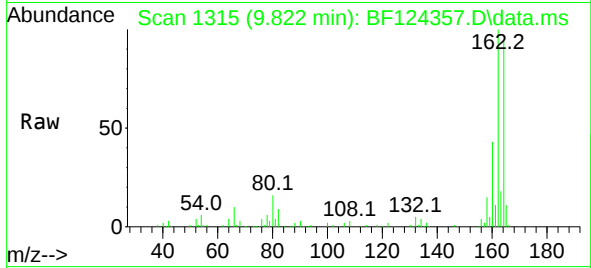




#57
2,4-Dinitrotoluene
Concen: 5.157 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

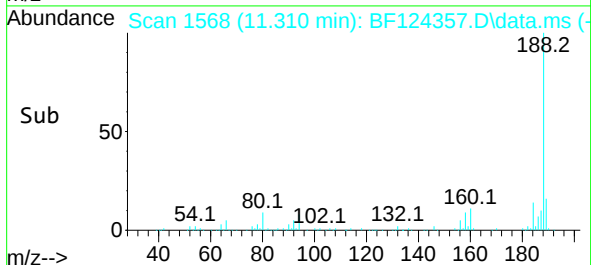
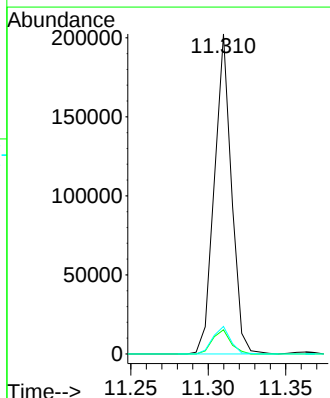
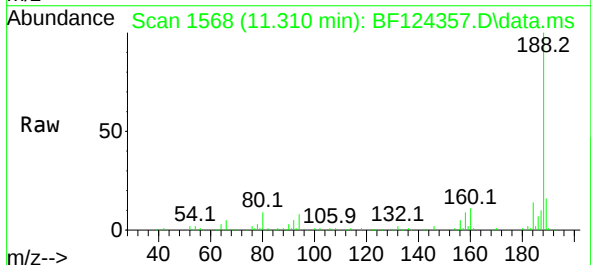
Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)

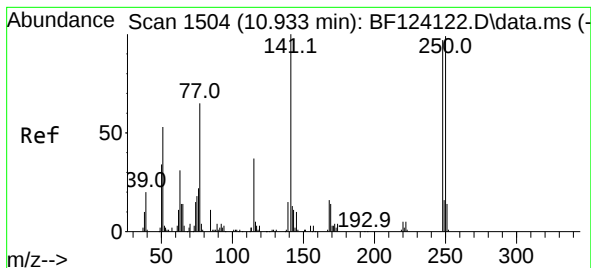
Tgt Ion:165 Resp: 10485
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

Tgt Ion:188 Resp: 155504
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 8.6 8.2 12.2

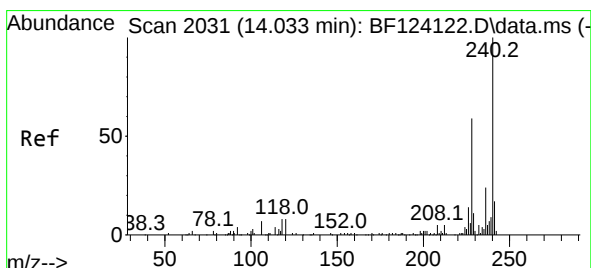
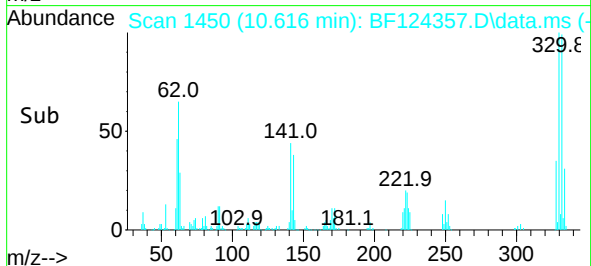
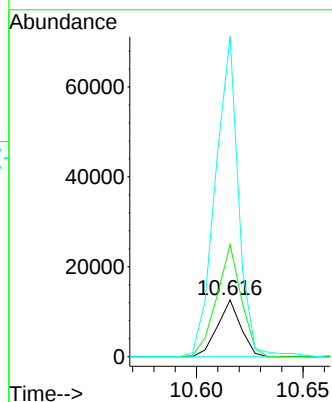
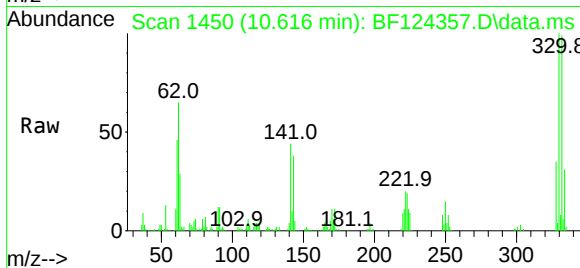




#67
4-Bromophenyl-phenylether
Concen: 4.513 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

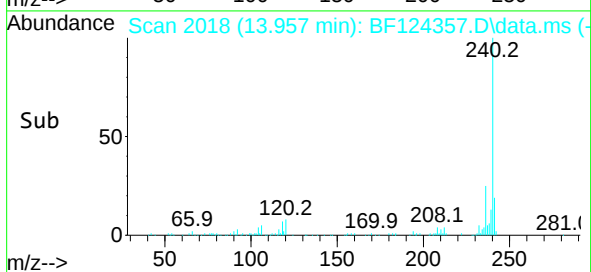
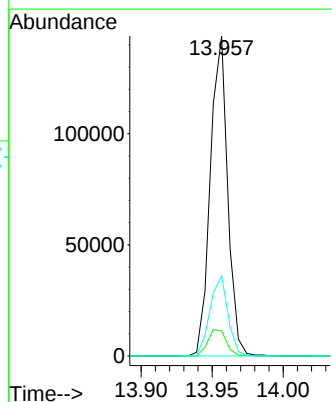
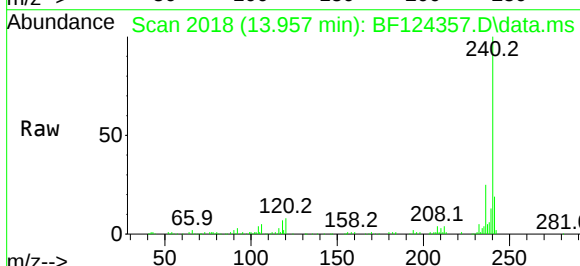
Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)

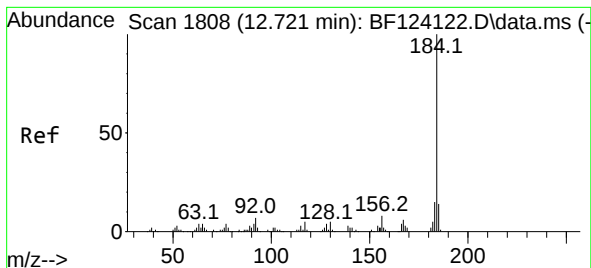
Tgt Ion:248 Resp: 9633
Ion Ratio Lower Upper
248 100
250 197.7 77.4 116.2#
141 564.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124357.D
Acq: 17 Jun 2021 11:38

Tgt Ion:240 Resp: 122149
Ion Ratio Lower Upper
240 100
120 7.8 7.2 10.8
236 25.0 19.0 28.4





#77

Benzidine

Concen: 7.781 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.200 min

Lab File: BF124357.D

Acq: 17 Jun 2021 11:38

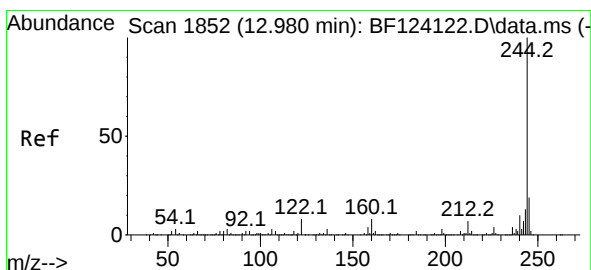
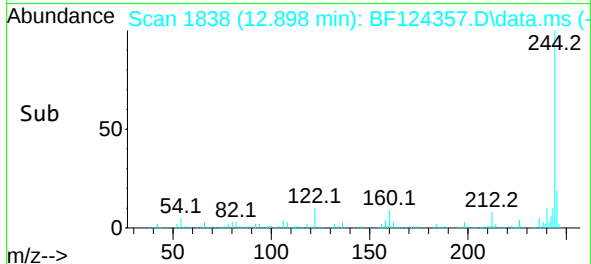
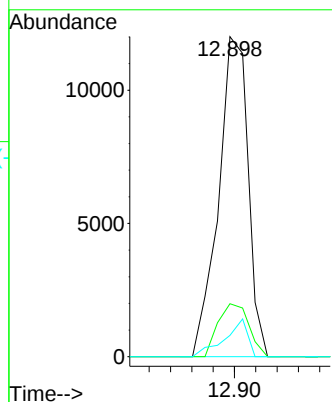
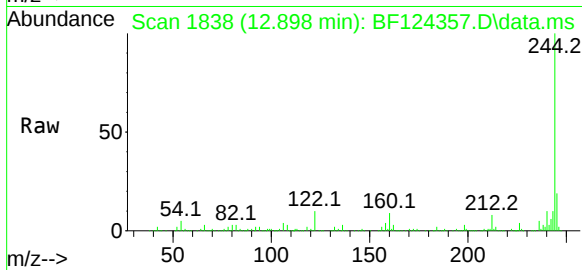
Tgt Ion:184	Resp:	11571
Ion Ratio	Lower	Upper
184	100	
185	16.6	12.1 18.1
183	6.7	7.8 11.8#

Instrument :

BNA_F

ClientSampleId :

SPLP-AMND-COMP-D(CL-01A)



#79

Terphenyl-d14

Concen: 73.710 ng

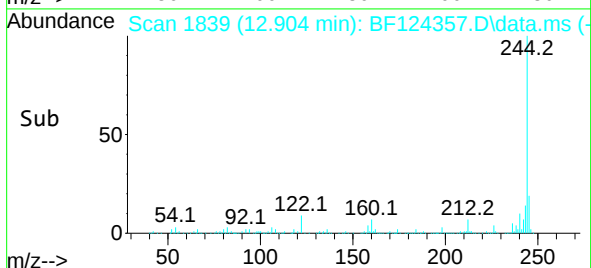
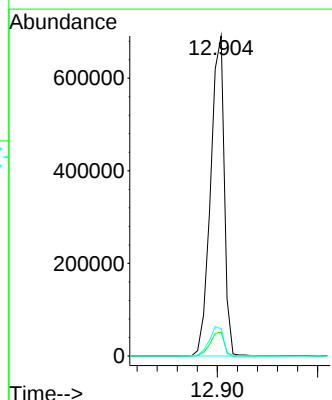
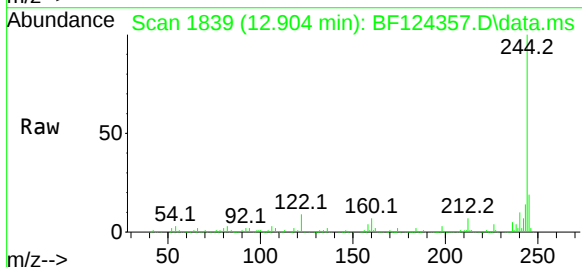
RT: 12.904 min Scan# 1839

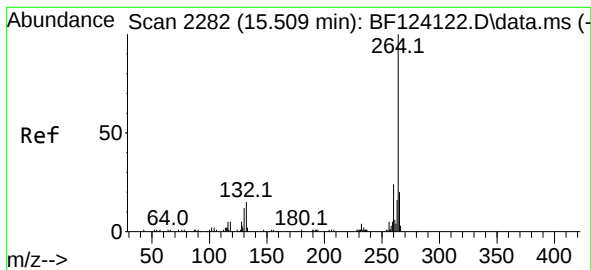
Delta R.T. 0.000 min

Lab File: BF124357.D

Acq: 17 Jun 2021 11:38

Tgt Ion:244	Resp:	655778
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.7 8.5
122	8.5	9.7 14.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BF124357.D

Acq: 17 Jun 2021 11:38

Instrument :

BNA_F

ClientSampleId :

SPLP-AMND-COMP-D(CL-01A)

Tgt Ion:264 Resp: 91458

Ion Ratio Lower Upper

264 100

260 21.9 18.7 28.1

265 19.3 17.8 26.8

