

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
 Data File : BF124378.D
 Acq On : 18 Jun 2021 17:25
 Operator : JU/CG
 Sample : M2709-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0248-AMND-COMP-M

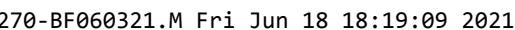
Quant Time: Jun 18 18:19:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

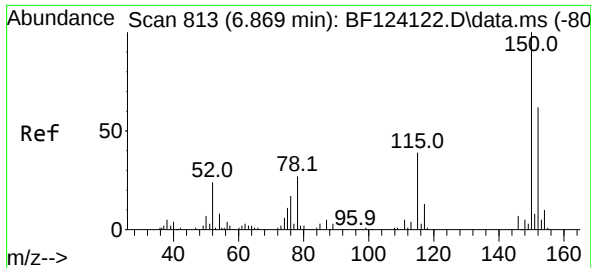
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	29208	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	115638	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	67378	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	132912	20.000	ng	0.00
76) Chrysene-d12	13.957	240	105371	20.000	ng	0.00
86) Perylene-d12	15.415	264	82509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	23081	11.896	ng	0.00
7) Phenol-d6	6.428	99	136998	52.529	ng	-0.02
23) Nitrobenzene-d5	7.351	82	245878	84.331	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	5163	5.409	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	420974	78.622	ng	0.00
79) Terphenyl-d14	12.904	244	515024	67.106	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	32811	17.822	ng	# 70
25) Isophorone	7.351	82	245874	46.797	ng	# 69
50) Dimethylphthalate	9.822	163	12676	2.274	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	9358	7.321	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	9358	5.551	ng	# 15
77) Benzidine	12.657	184	1654	4.677	ng	# 68
87) Indeno(1,2,3-cd)pyrene	16.880	276	3570	4.808	ng	# 82
91) Dibenzo(a,h)anthracene	16.886	278	656	4.277	ng	# 57
92) Benzo(g,h,i)perylene	17.321	276	2559	4.214	ng	# 37

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

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QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration

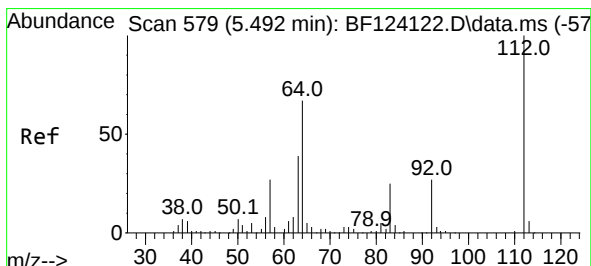
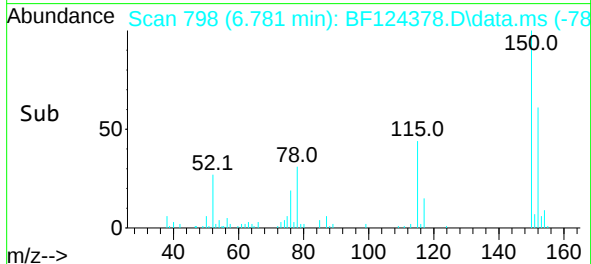
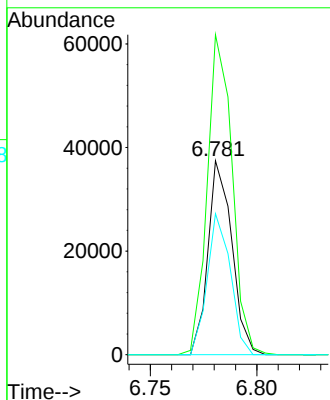
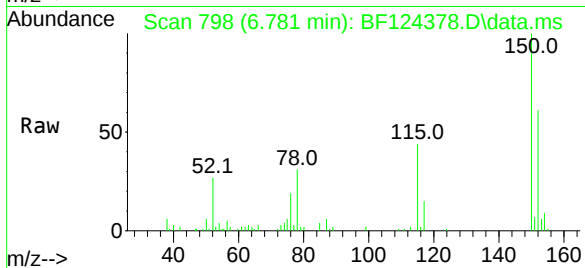




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124378.D
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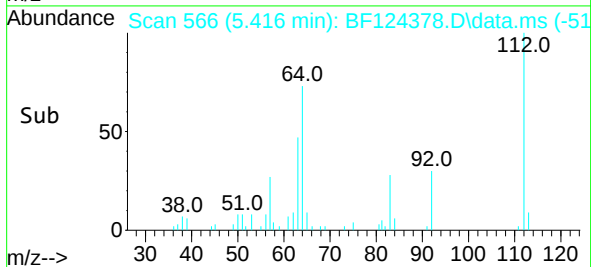
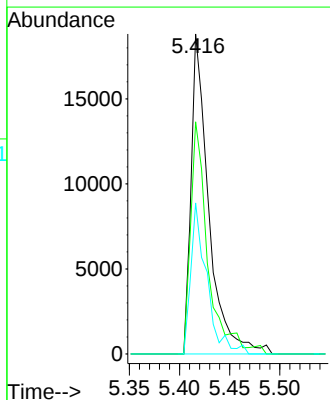
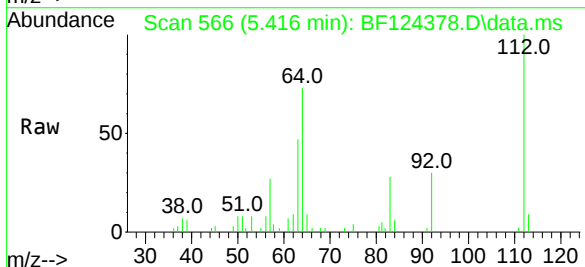
Instrument :
BNA_F
ClientSampleId :
0248-AMND-COMP-M

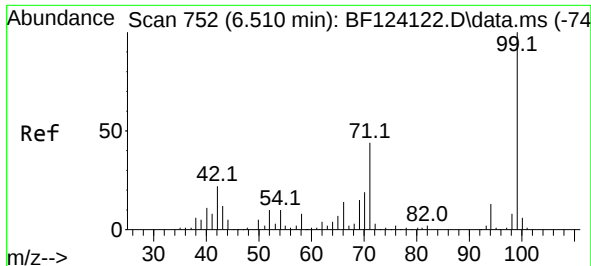
Tgt Ion:152 Resp: 29208
Ion Ratio Lower Upper
152 100
150 165.1 127.0 190.6
115 72.7 54.3 81.5



#5
2-Fluorophenol
Concen: 11.896 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

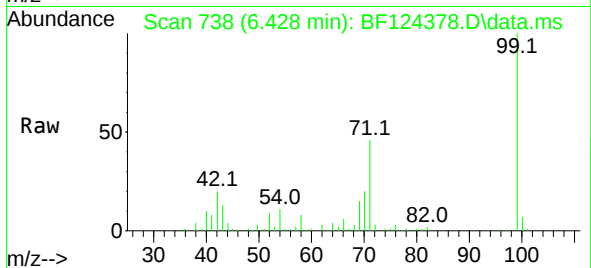
Tgt Ion:112 Resp: 23081
Ion Ratio Lower Upper
112 100
64 72.6 61.4 92.0
63 47.2 33.0 49.4



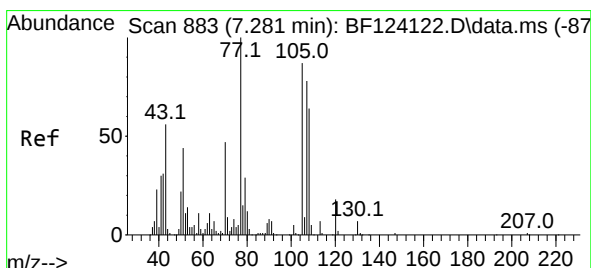
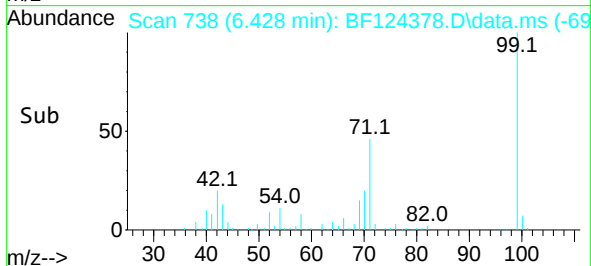
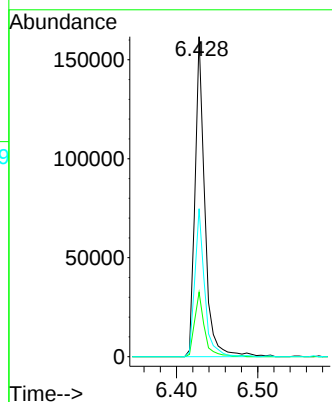


#7
Phenol-d6
Concen: 52.529 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

Instrument :
BNA_F
ClientSampleId :
0248-AMND-COMP-M

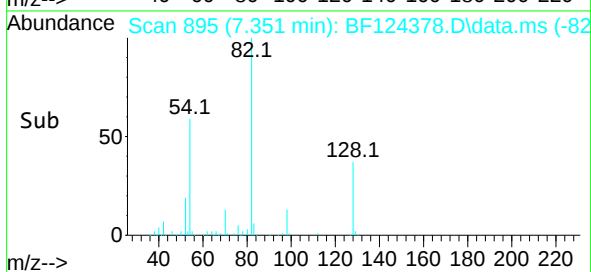
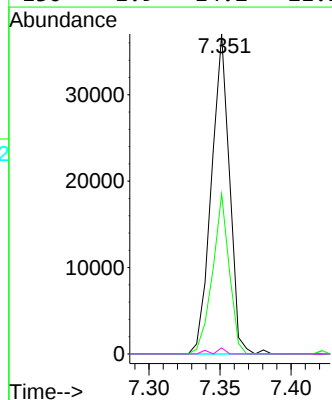
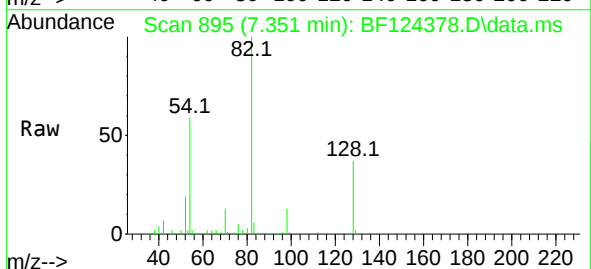


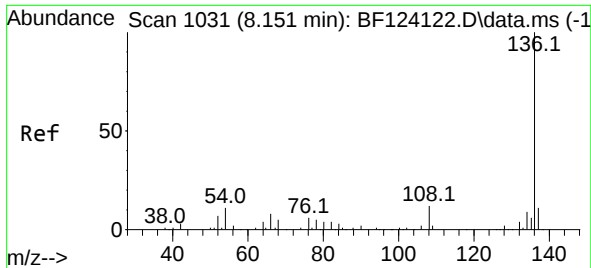
Tgt Ion:	99	Ratio	100	Lower	Upper
99	100				
42	20.1		19.8	29.8	
71	46.3		31.1	46.7	



#19
n-Nitroso-di-n-propylamine
Concen: 17.822 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

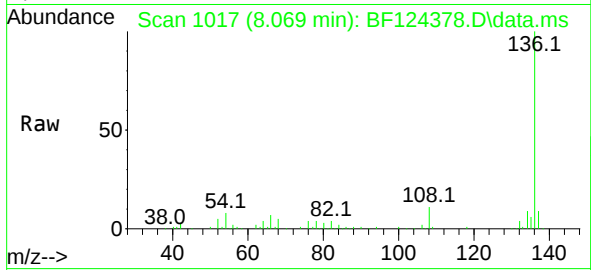
Tgt Ion:	70	Ratio	100	Lower	Upper
70	100				
42	50.1		60.1	90.1#	
101	0.0		7.4	11.2#	
130	1.9		14.2	21.2#	



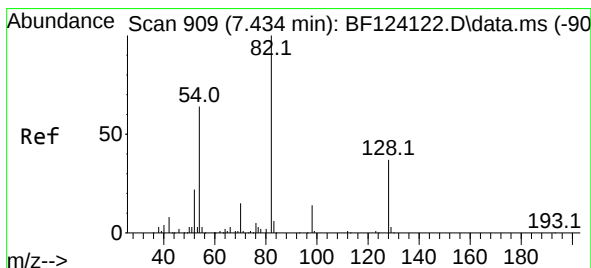
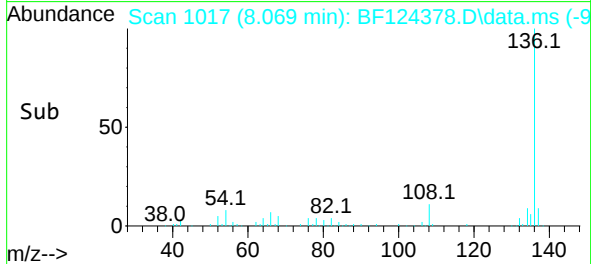
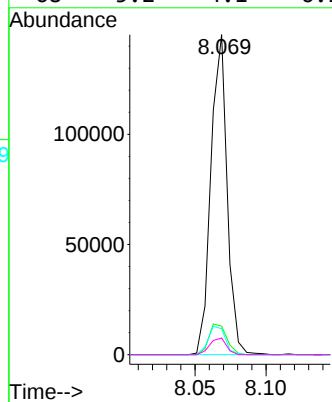


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

Instrument :
BNA_F
ClientSampleId :
0248-AMND-COMP-M

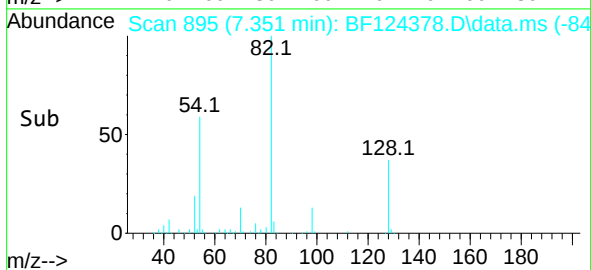
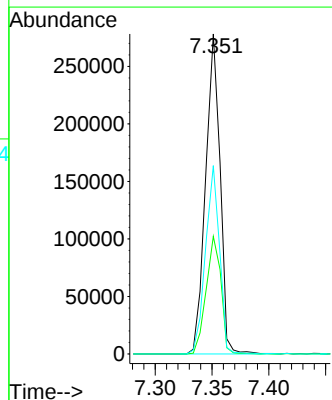
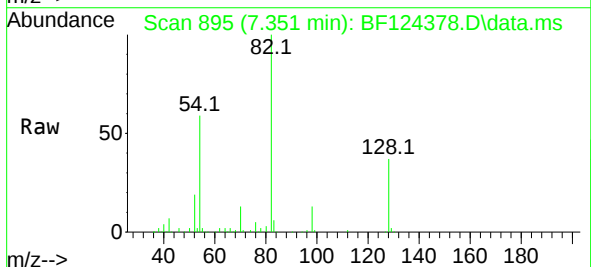


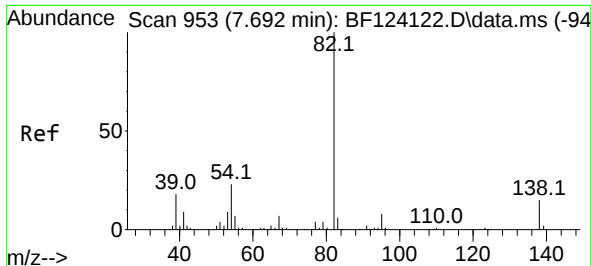
Tgt Ion:136 Resp: 115638
Ion Ratio Lower Upper
136 100
137 8.9 8.7 13.1
54 8.1 9.8 14.6#
68 5.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 84.331 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

Tgt Ion: 82 Resp: 245878
Ion Ratio Lower Upper
82 100
128 36.8 29.4 44.2
54 58.8 54.1 81.1

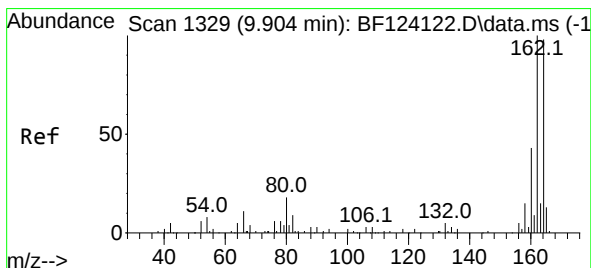
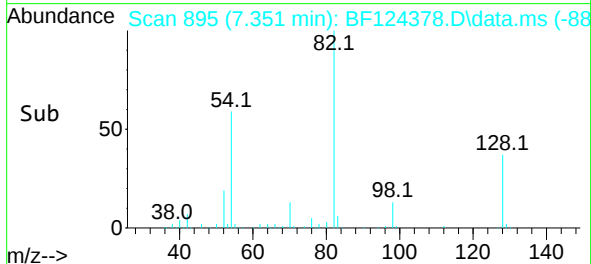
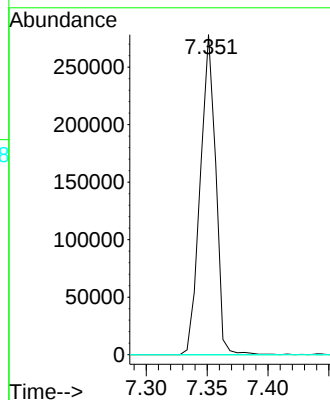
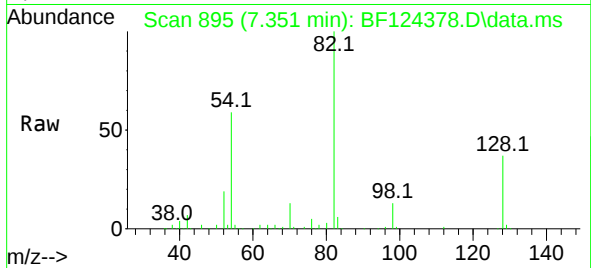




#25
Isophorone
Concen: 46.797 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

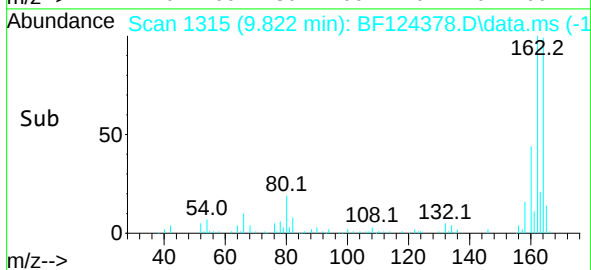
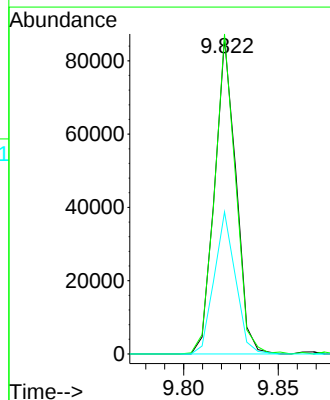
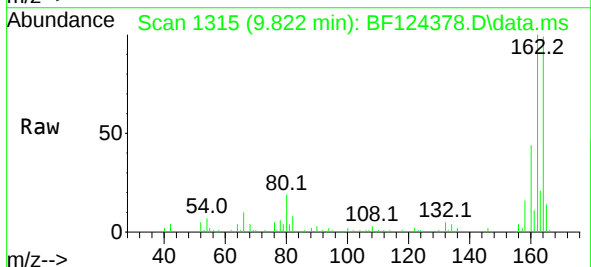
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ClientSampleId :
0248-AMND-COMP-M

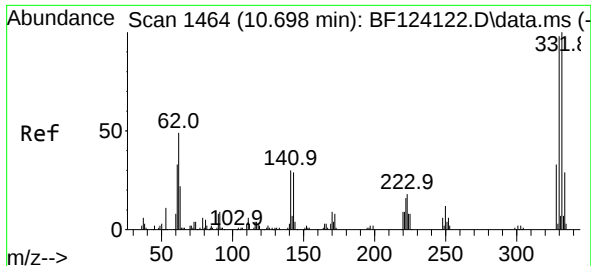
Tgt Ion: 82 Resp: 245874
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

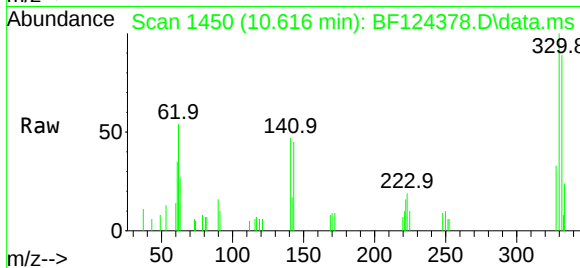
Tgt Ion: 164 Resp: 67378
Ion Ratio Lower Upper
164 100
162 101.3 80.7 121.1
160 45.0 37.3 55.9



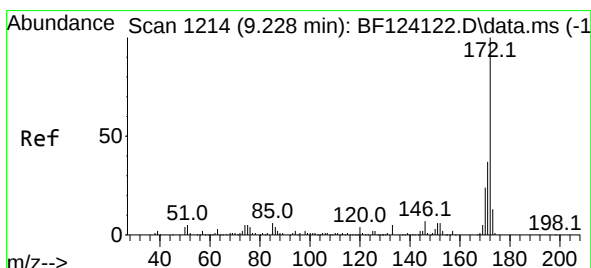
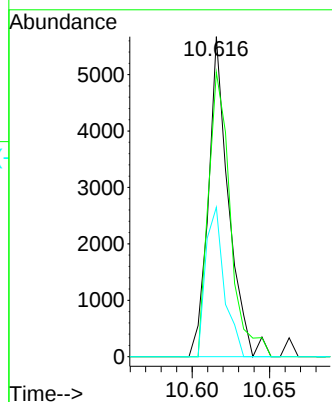
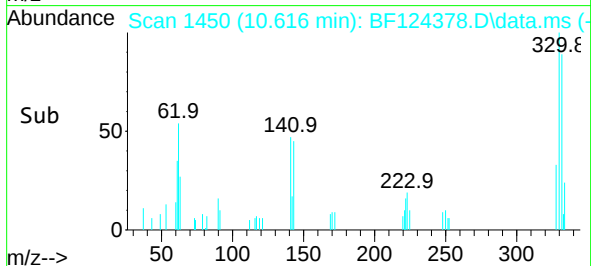


#42
2,4,6-Tribromophenol
Concen: 5.409 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

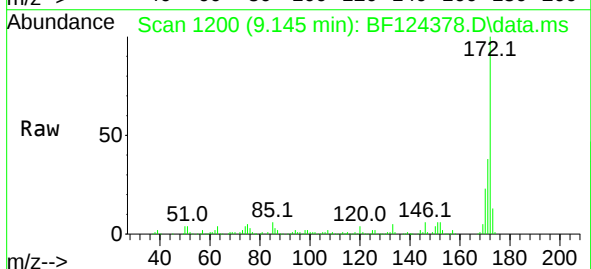
Instrument :
BNA_F
ClientSampleId :
0248-AMND-COMP-M



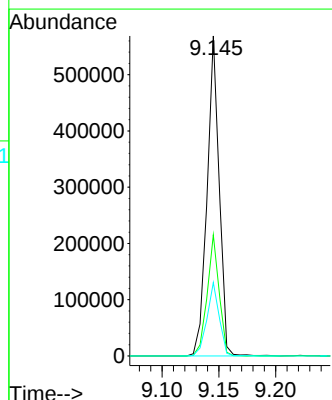
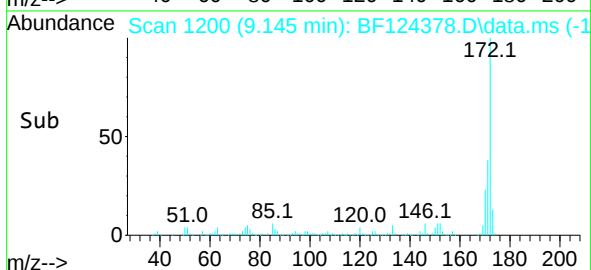
Tgt Ion: 330 Resp: 5163
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 42.7 27.9 41.9#

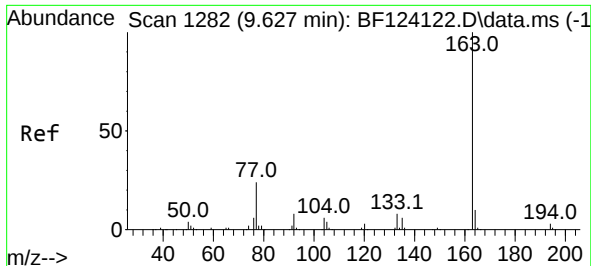


#45
2-Fluorobiphenyl
Concen: 78.622 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25



Tgt Ion: 172 Resp: 420974
Ion Ratio Lower Upper
172 100
171 37.9 28.1 42.1
170 22.9 19.2 28.8

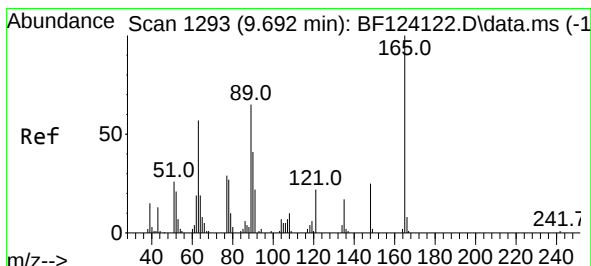
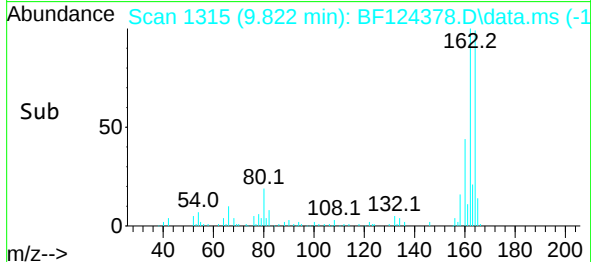
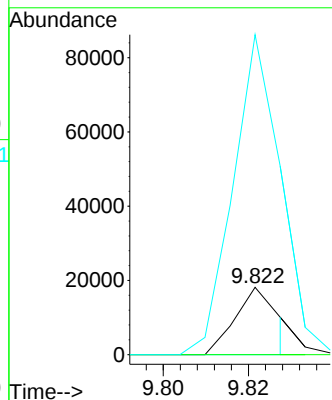
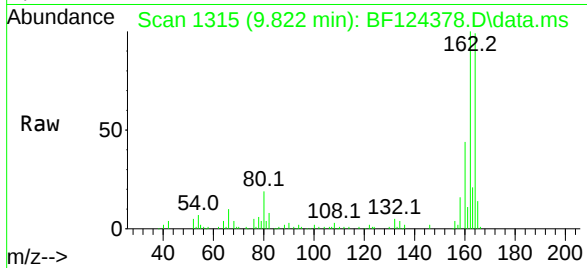




#50
Dimethylphthalate
Concen: 2.274 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

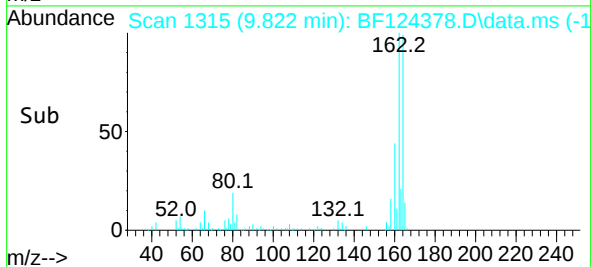
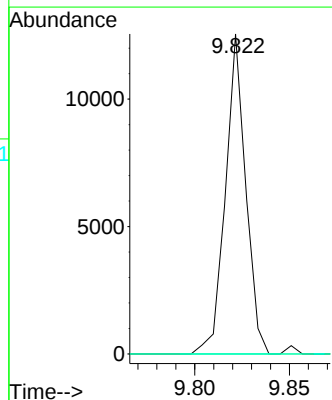
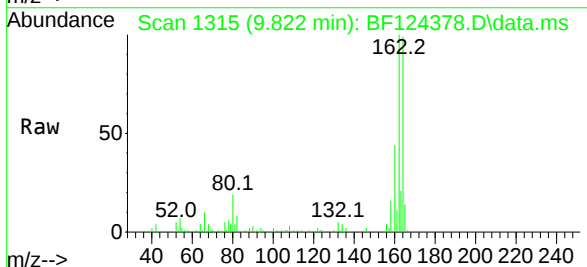
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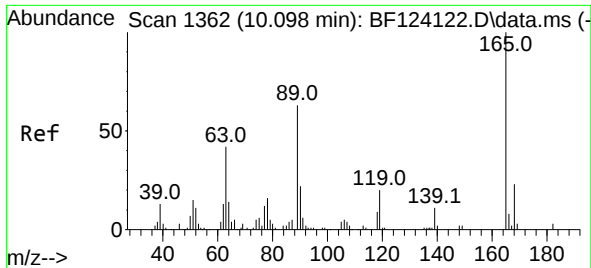
Tgt Ion:163 Resp: 12676
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 475.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.321 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

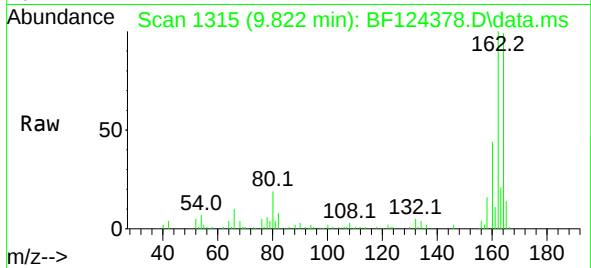
Tgt Ion:165 Resp: 9358
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



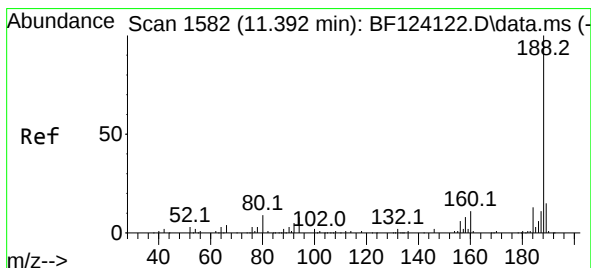
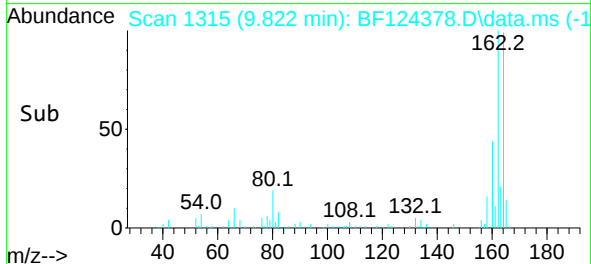
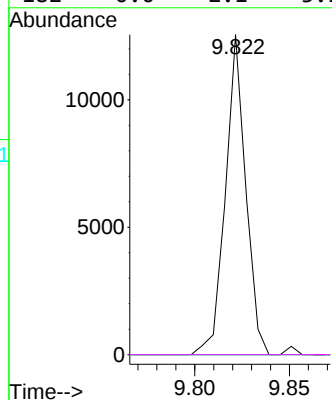


#57
2,4-Dinitrotoluene
Concen: 5.551 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

Instrument :
BNA_F
ClientSampleId :
0248-AMND-COMP-M

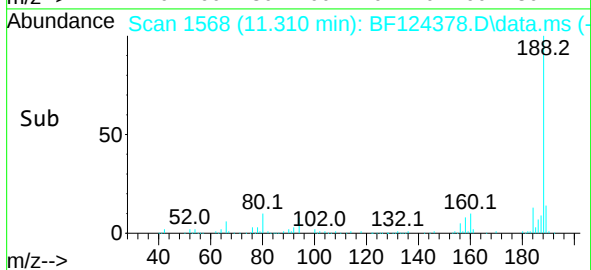
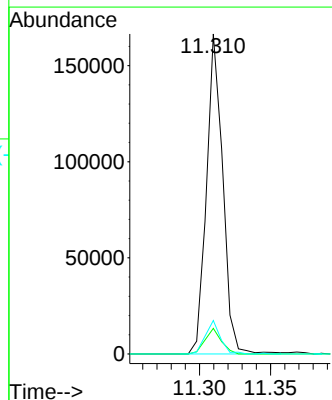
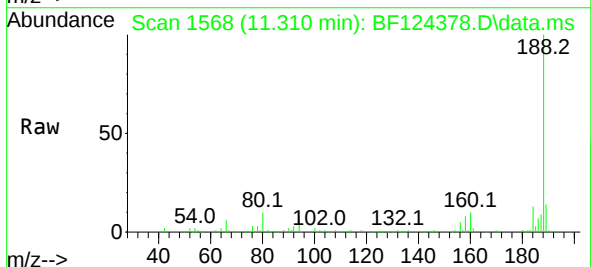


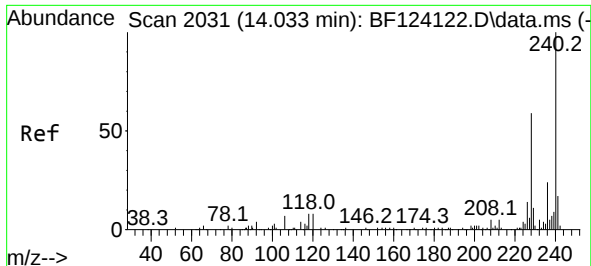
Tgt Ion:165 Resp: 9358
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

Tgt Ion:188 Resp: 132912
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 10.4 8.2 12.2

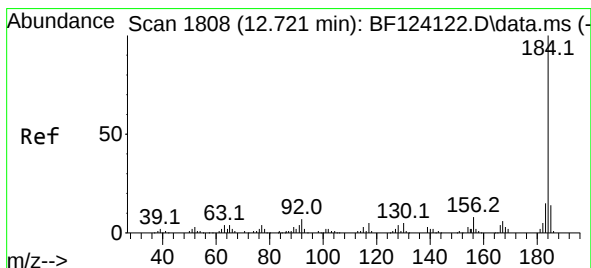
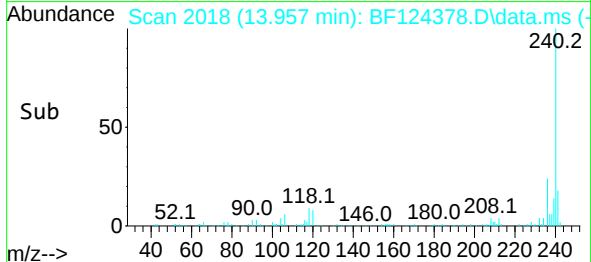
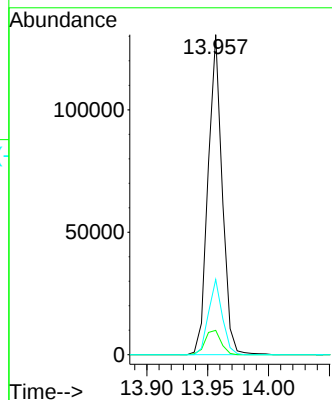
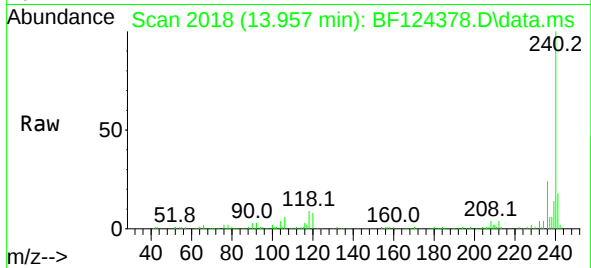




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

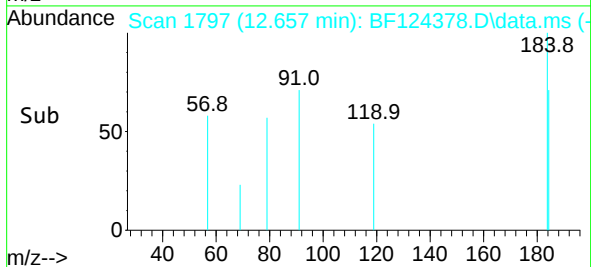
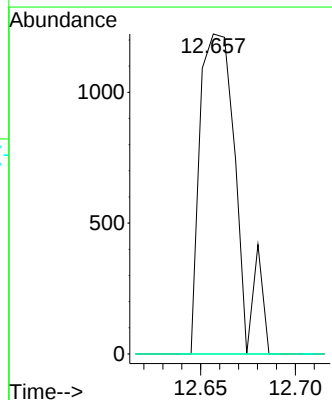
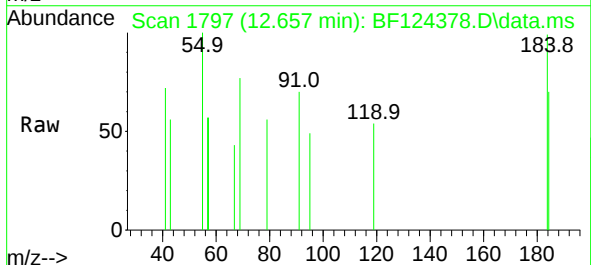
Instrument :
BNA_F
ClientSampleId :
0248-AMND-COMP-M

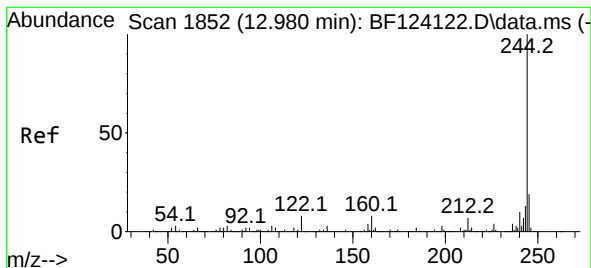
Tgt Ion:240 Resp: 105371
Ion Ratio Lower Upper
240 100
120 7.6 7.2 10.8
236 23.5 19.0 28.4



#77
Benzidine
Concen: 4.677 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.041 min
Lab File: BF124378.D
Acq: 18 Jun 2021 17:25

Tgt Ion:184 Resp: 1654
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#





#79

Terphenyl-d14

Concen: 67.106 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BF124378.D

Acq: 18 Jun 2021 17:25

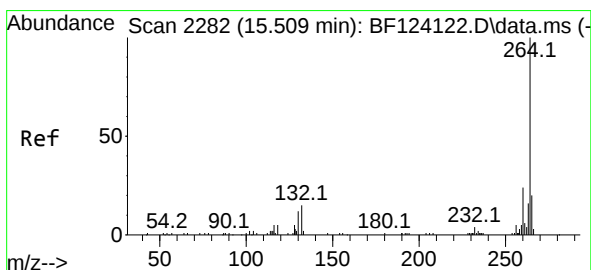
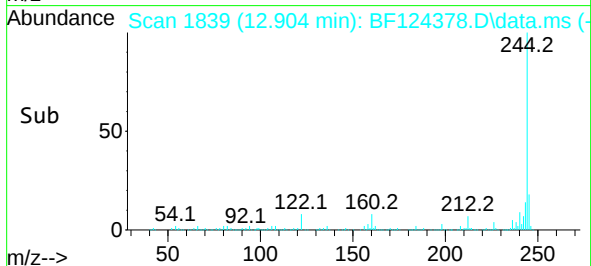
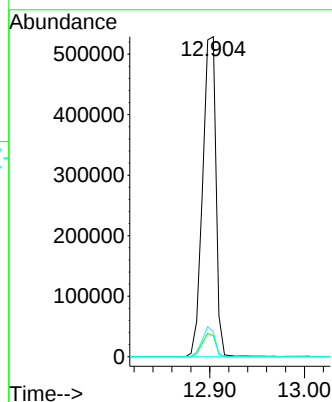
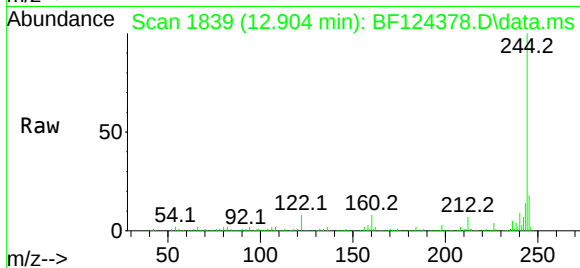
Tgt Ion:244 Resp: 515024

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 7.7 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: BF124378.D

Acq: 18 Jun 2021 17:25

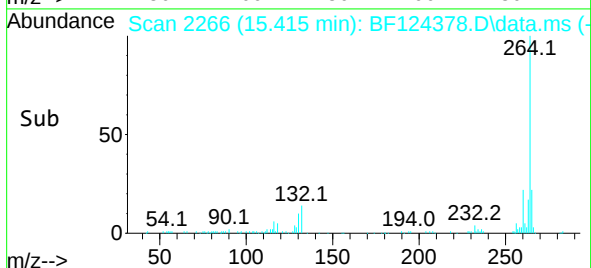
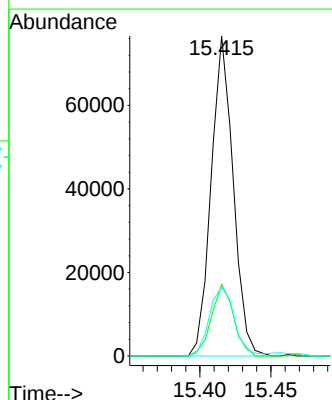
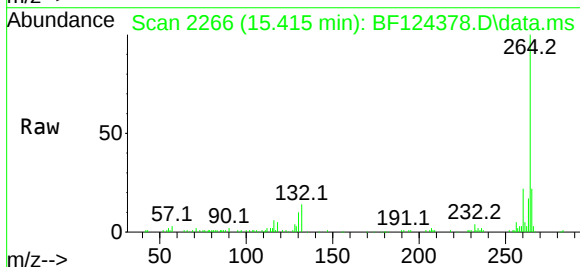
Tgt Ion:264 Resp: 82509

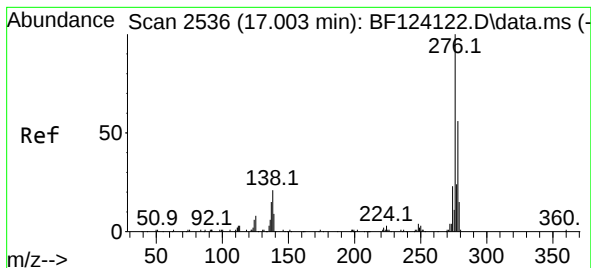
Ion Ratio Lower Upper

264 100

260 22.4 18.7 28.1

265 21.5 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.808 ng

RT: 16.880 min Scan# 2515

Delta R.T. 0.006 min

Lab File: BF124378.D

Acq: 18 Jun 2021 17:25

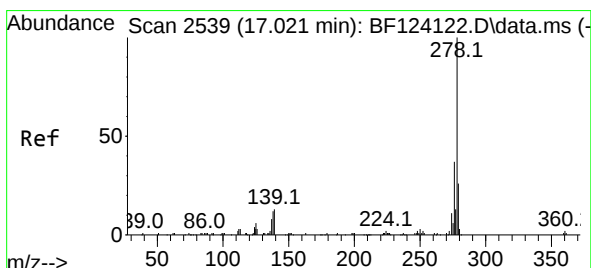
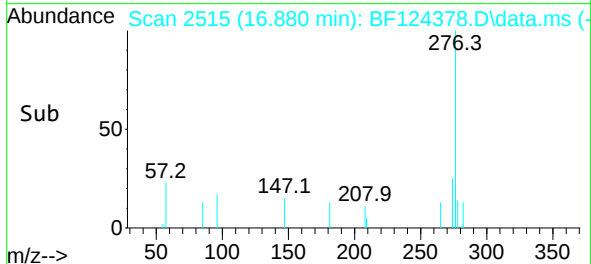
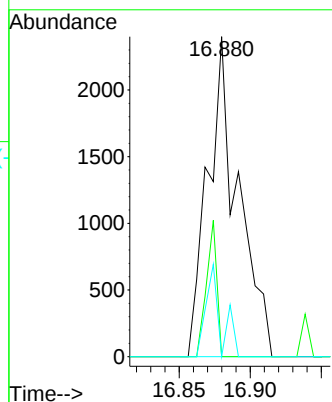
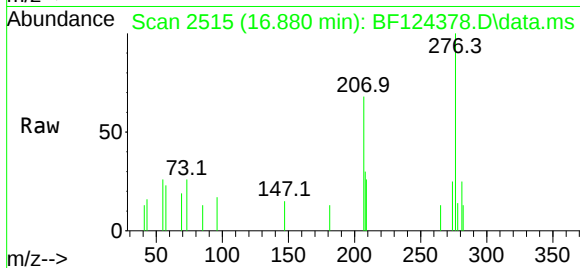
Instrument :

BNA_F

ClientSampleId :

0248-AMND-COMP-M

Tgt Ion:276	Resp:	3570
Ion Ratio	Lower	Upper
276	100	
138	14.6	16.2 24.2#
277	14.1	20.1 30.1#



#91

Dibenzo(a,h)anthracene

Concen: 4.277 ng

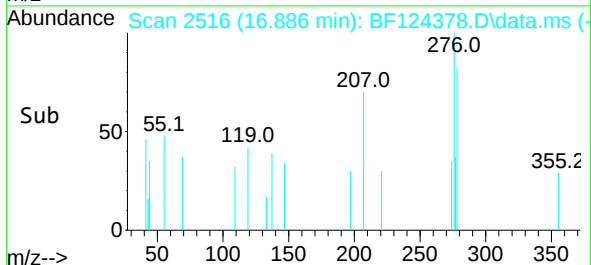
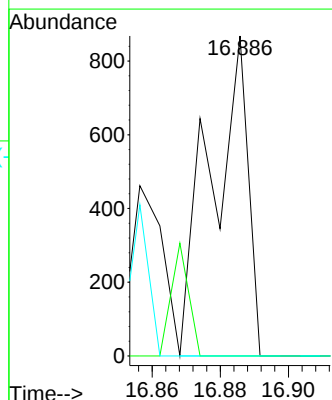
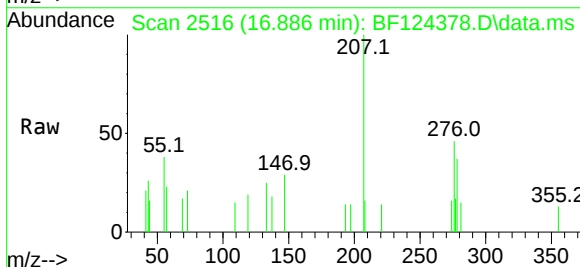
RT: 16.886 min Scan# 2516

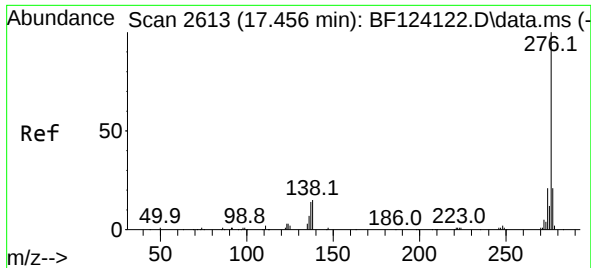
Delta R.T. 0.000 min

Lab File: BF124378.D

Acq: 18 Jun 2021 17:25

Tgt Ion:278	Resp:	656
Ion Ratio	Lower	Upper
278	100	
139	0.0	10.2 15.2#
279	0.0	19.4 29.0#





#92
 Benzo(g,h,i)perylene
 Concen: 4.214 ng
 RT: 17.321 min Scan# 2590
 Delta R.T. 0.006 min
 Lab File: BF124378.D
 Acq: 18 Jun 2021 17:25

Instrument :
 BNA_F
 ClientSampleId :
 0248-AMND-COMP-M

Tgt Ion:276 Resp: 2559
 Ion Ratio Lower Upper
 276 100
 277 60.7 18.2 27.2#
 138 35.5 13.8 20.6#

