

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
 Data File : BF124383.D
 Acq On : 18 Jun 2021 20:10
 Operator : JU/CG
 Sample : M2759-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-061721

Quant Time: Jun 18 23:18:15 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)

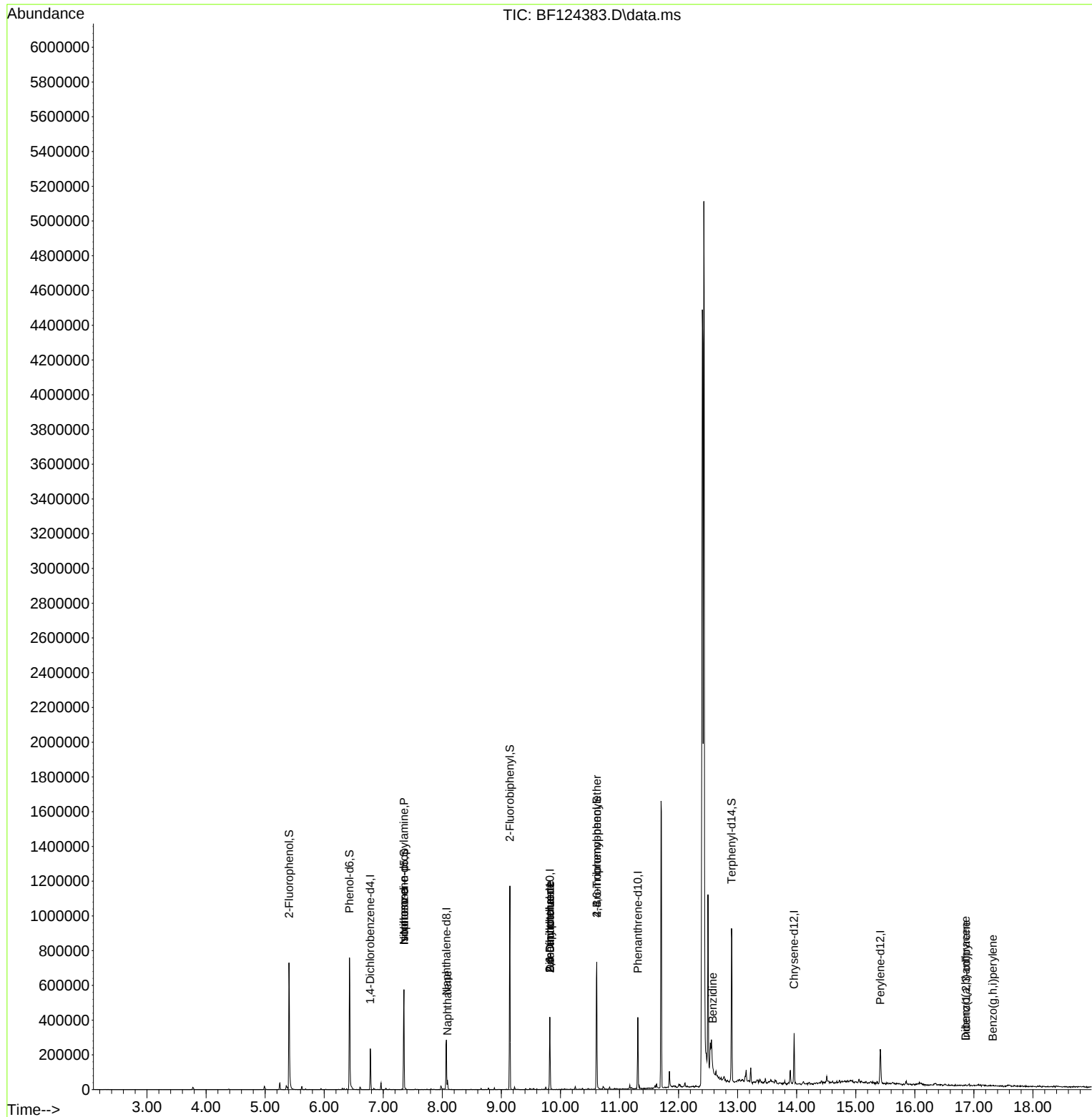
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	29749	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	114848	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	71268	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	125944	20.00	ng	# 0.00
76) Chrysene-d12	13.957	240	86073	20.00	ng	0.00
86) Perylene-d12	15.415	264	77917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	168234	85.13	ng	-0.01
7) Phenol-d6	6.428	99	217911	82.03	ng	-0.02
23) Nitrobenzene-d5	7.351	82	161688	55.84	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	77866	77.12	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	299397	52.86	ng	0.00
79) Terphenyl-d14	12.898	244	274692	43.82	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	23536	12.55	ng	# 62
25) Isophorone	7.351	82	161714	30.99	ng	# 69
31) Naphthalene	8.086	128	18205	2.65	ng	# 92
50) Dimethylphthalate	9.822	163	12373	2.10	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	9715	7.19	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	9715	5.45	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	5143	2.98	ng	# 1
77) Benzidine	12.580	184	214	4.16	ng	# 68
87) Indeno(1,2,3-cd)pyrene	16.868	276	749	4.44	ng	# 53
91) Dibenzo(a,h)anthracene	16.862	278	151	4.20	ng	# 57
92) Benzo(g,h,i)perylene	17.321	276	735	3.93	ng	# 1

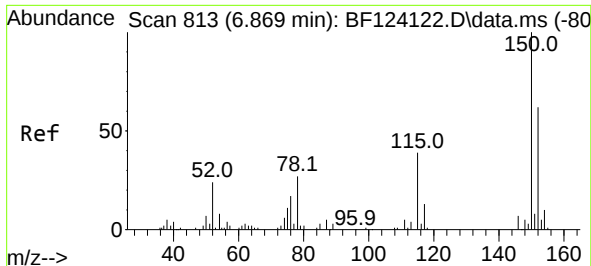
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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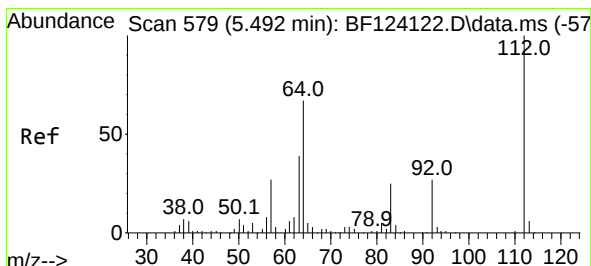
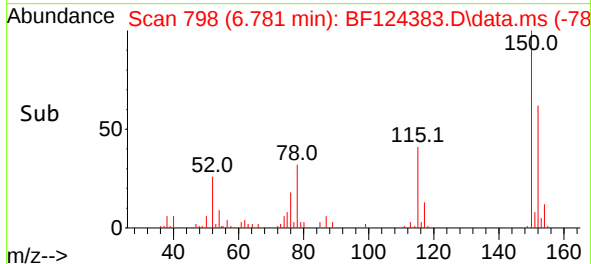
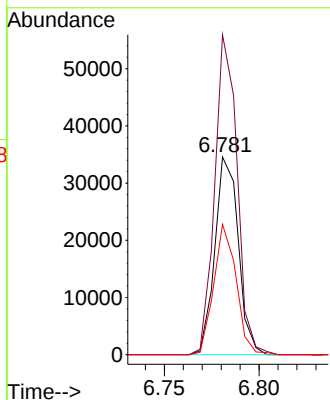
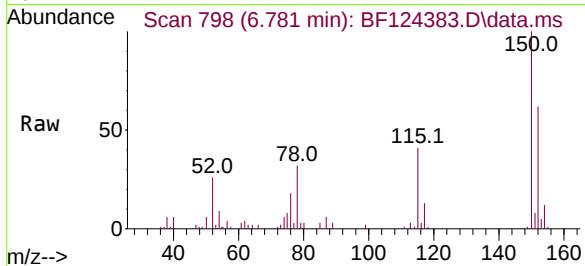




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

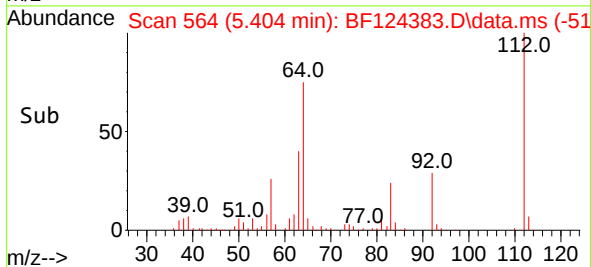
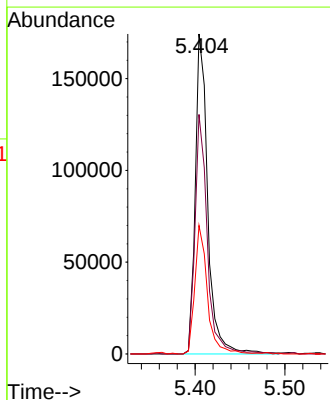
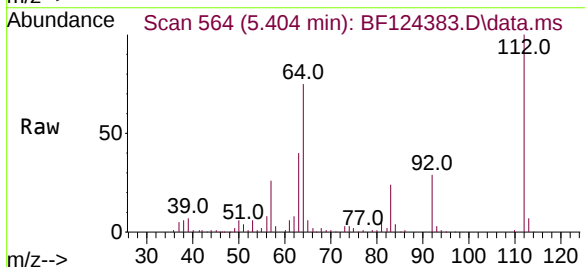
Instrument :
BNA_F
ClientSampleID :
TR-05-061721

Tgt Ion:152 Resp: 29749
Ion Ratio Lower Upper
152 100
150 161.8 127.0 190.6
115 65.9 54.3 81.5



#5
2-Fluorophenol
Concen: 85.13 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.012 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

Tgt Ion:112 Resp: 168234
Ion Ratio Lower Upper
112 100
64 74.8 61.4 92.0
63 40.2 33.0 49.4

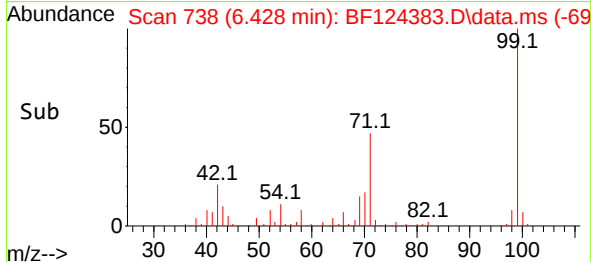
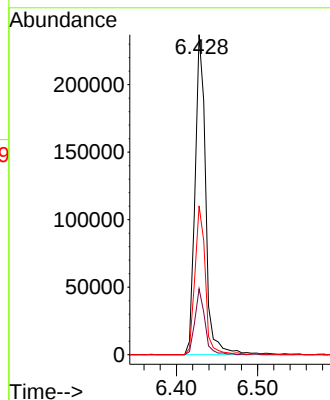
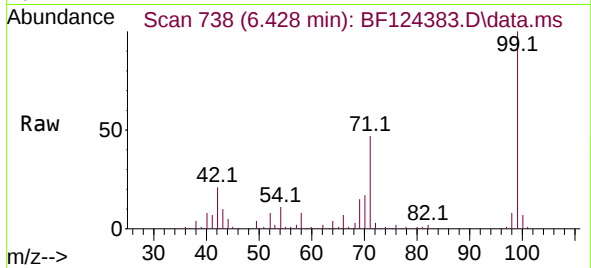




#7
Phenol-d6
Concen: 82.03 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

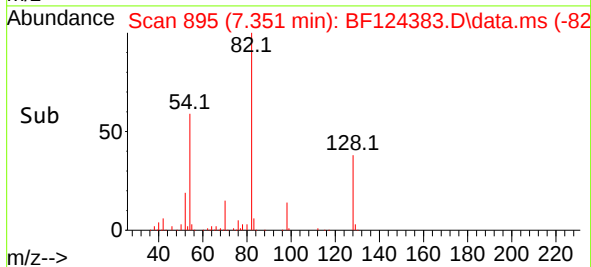
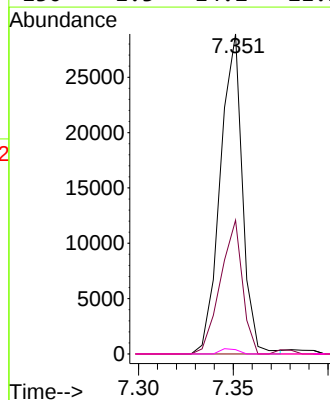
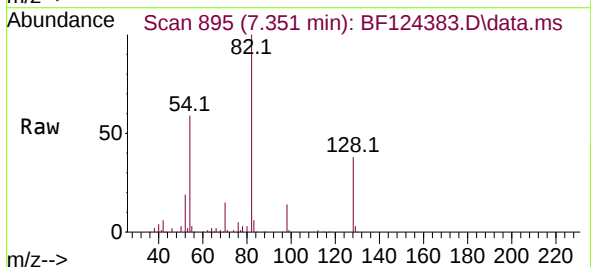
Instrument :
BNA_F
ClientSampleId :
TR-05-061721

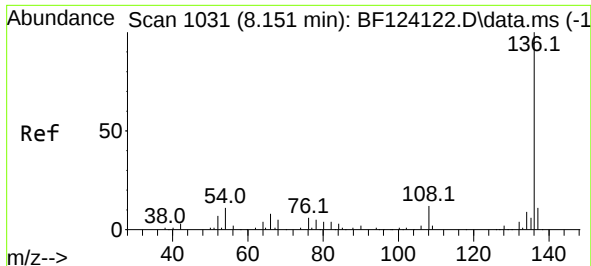
Tgt Ion: 99 Resp: 217911
Ion Ratio Lower Upper
99 100
42 20.6 19.8 29.8
71 46.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.55 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

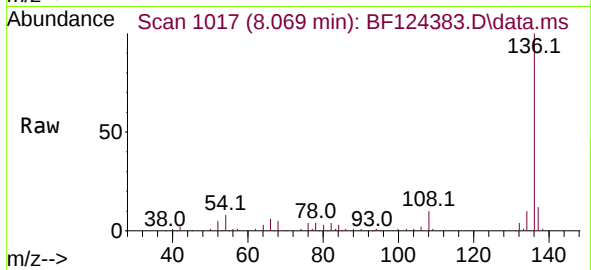
Tgt Ion: 70 Resp: 23536
Ion Ratio Lower Upper
70 100
42 41.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.3 14.2 21.2#





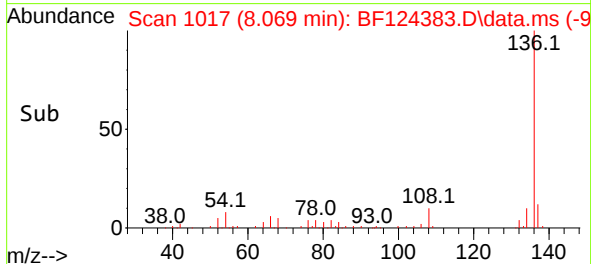
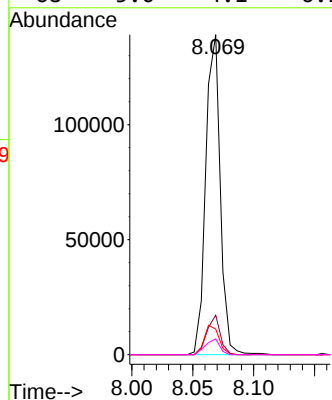
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

Instrument :
BNA_F
ClientSampleId :
TR-05-061721



Tgt Ion:136 Resp: 114848

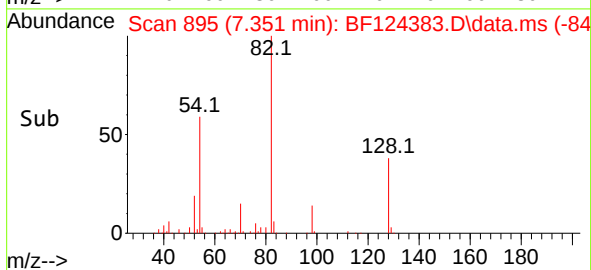
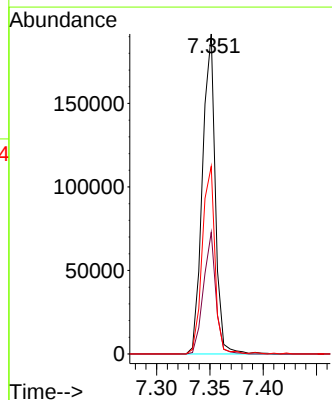
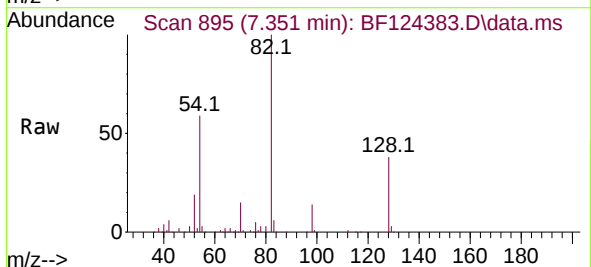
Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.7	13.1
54	8.0	9.8	14.6#
68	5.0	4.1	6.1

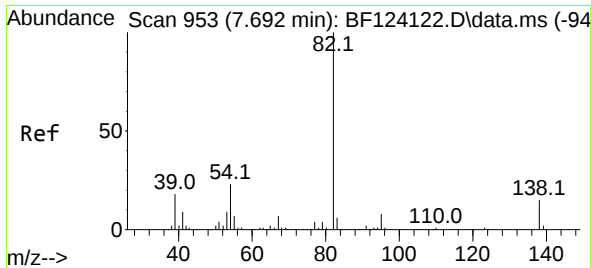


#23
Nitrobenzene-d5
Concen: 55.84 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

Tgt Ion: 82 Resp: 161688

Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.4	44.2
54	58.6	54.1	81.1

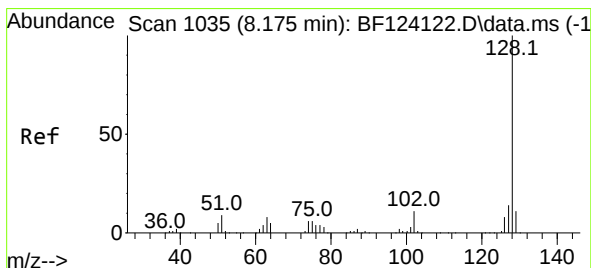
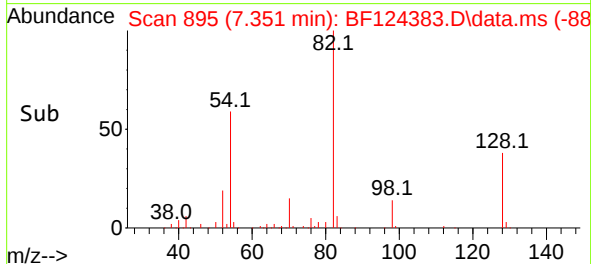
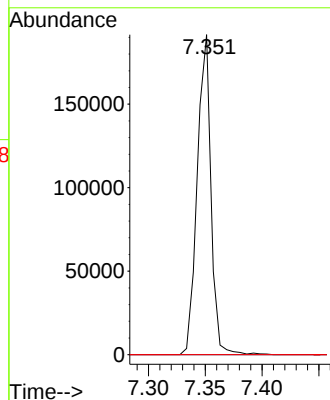
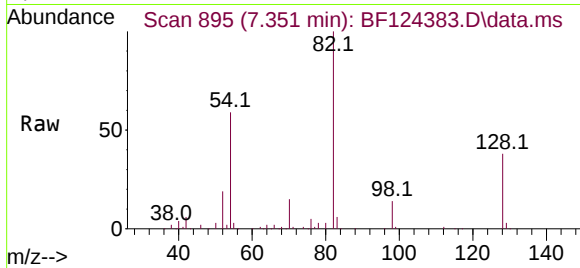




#25
Isophorone
Concen: 30.99 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

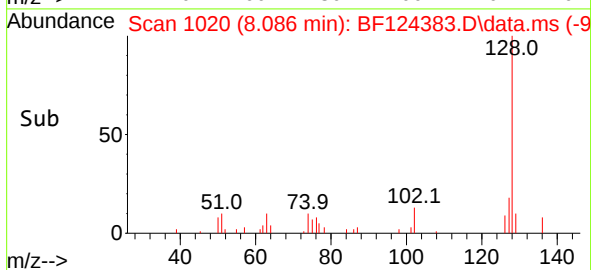
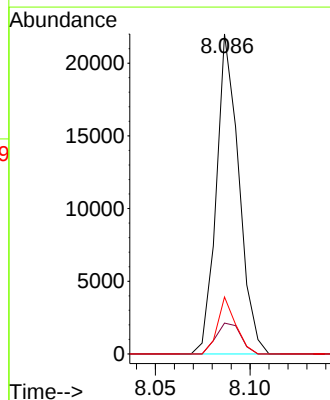
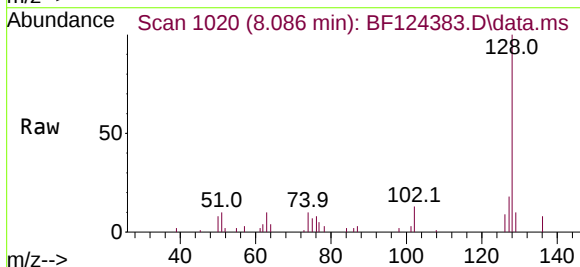
Instrument :
BNA_F
ClientSampleId :
TR-05-061721

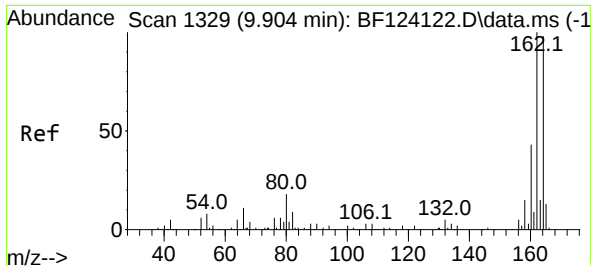
Tgt Ion: 82 Resp: 161714
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#31
Naphthalene
Concen: 2.65 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

Tgt Ion: 128 Resp: 18205
Ion Ratio Lower Upper
128 100
129 9.7 8.9 13.3
127 17.8 10.8 16.2#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF124383.D

Acq: 18 Jun 2021 20:10

Instrument :

BNA_F

ClientSampleId :

TR-05-061721

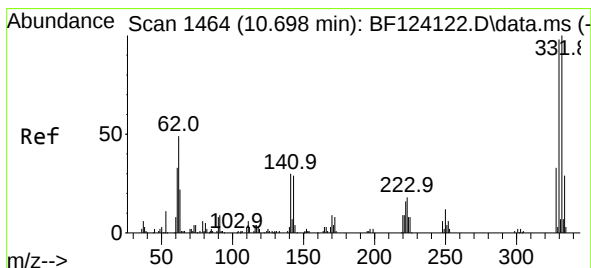
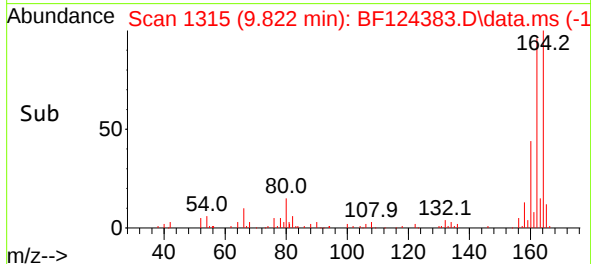
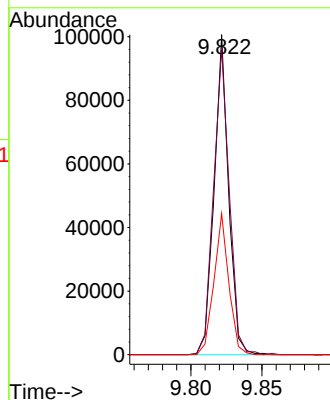
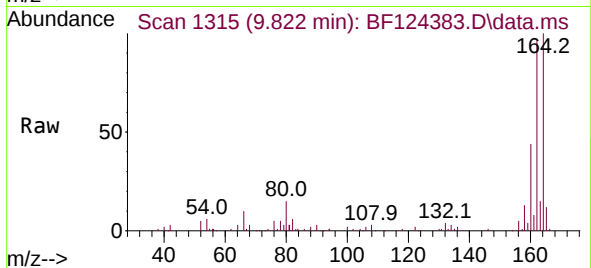
Tgt Ion:164 Resp: 71268

Ion Ratio Lower Upper

164 100

162 95.8 80.7 121.1

160 44.1 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 77.12 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF124383.D

Acq: 18 Jun 2021 20:10

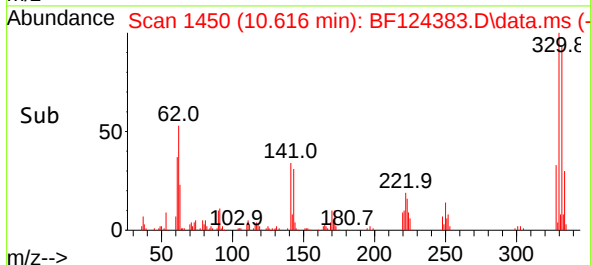
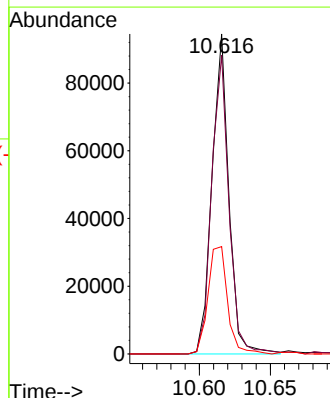
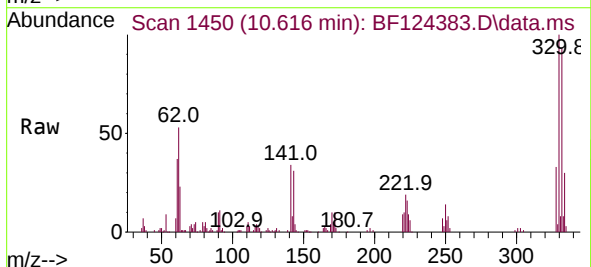
Tgt Ion:330 Resp: 77866

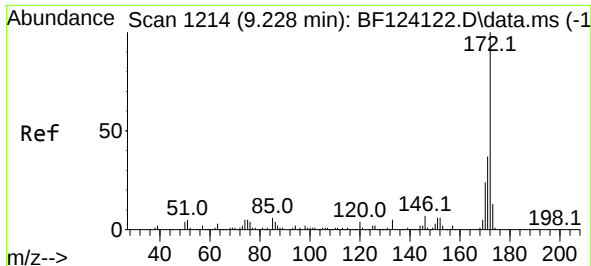
Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 39.1 27.9 41.9

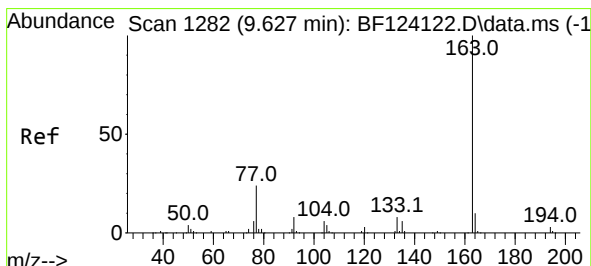
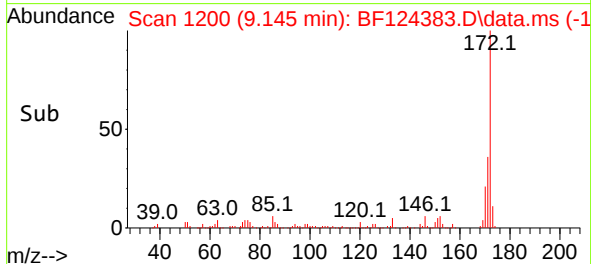
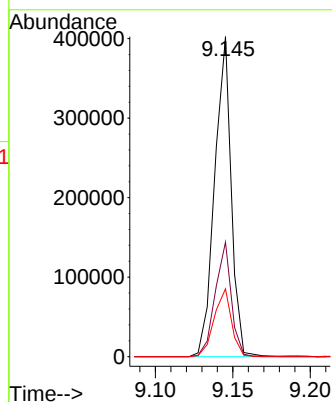
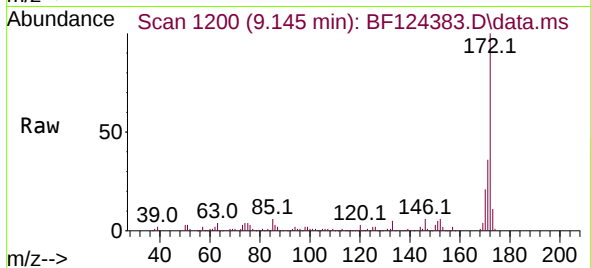




#45
2-Fluorobiphenyl
Concen: 52.86 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

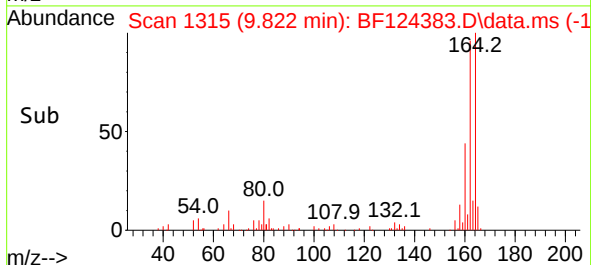
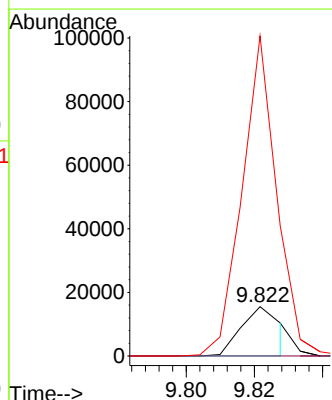
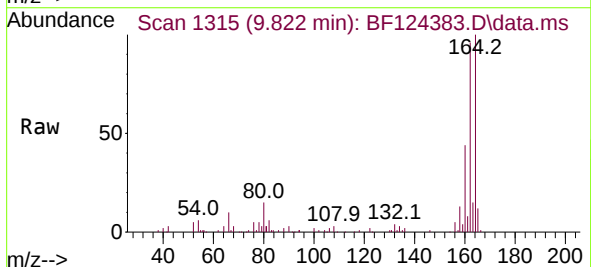
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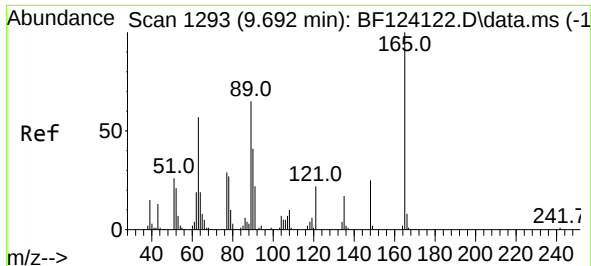
Tgt Ion:172 Resp: 299397
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 21.2 19.2 28.8



#50
Dimethylphthalate
Concen: 2.10 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

Tgt Ion:163 Resp: 12373
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 648.7 8.2 12.2#

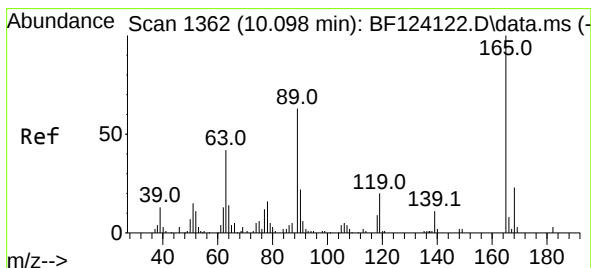
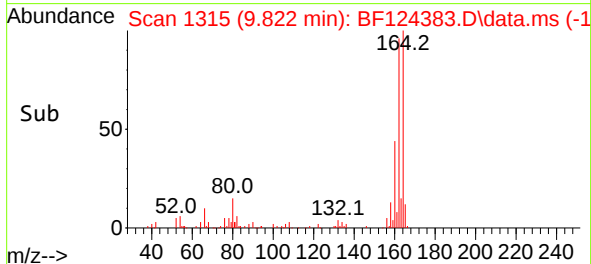
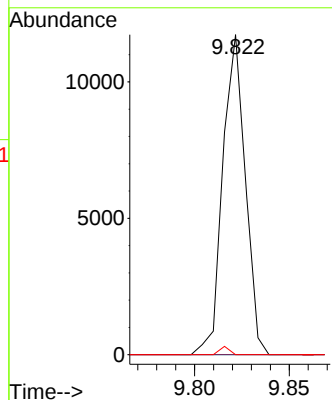
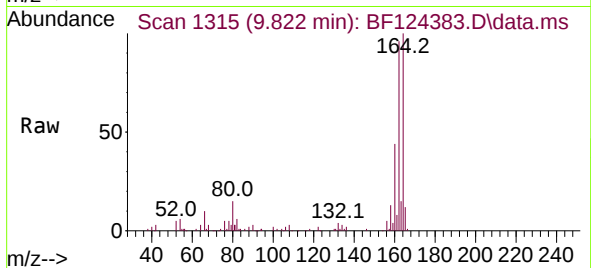




#51
2,6-Dinitrotoluene
Concen: 7.19 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

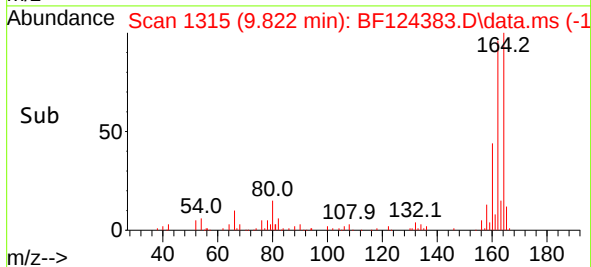
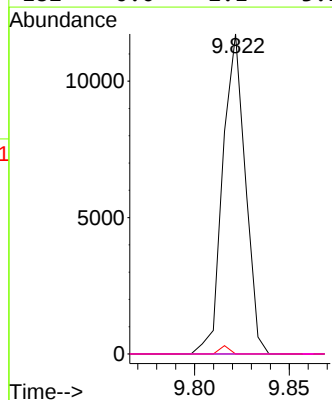
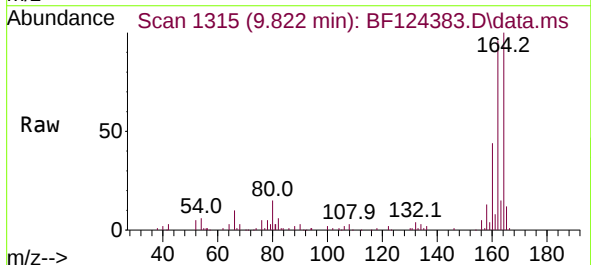
Instrument :
BNA_F
ClientSampleId :
TR-05-061721

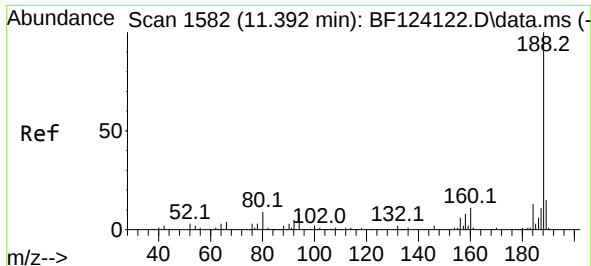
Tgt Ion:165 Resp: 9715
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.45 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

Tgt Ion:165 Resp: 9715
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#

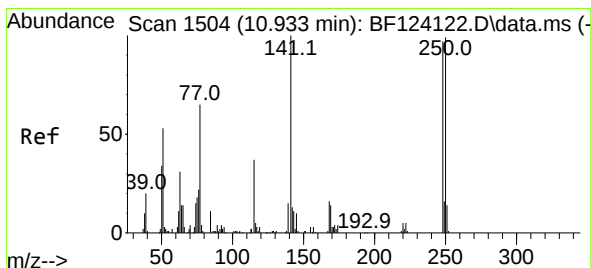
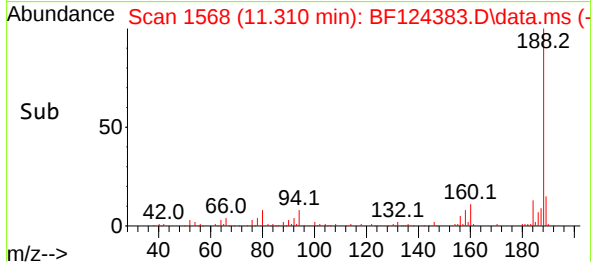
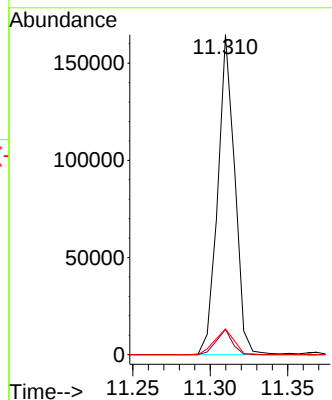
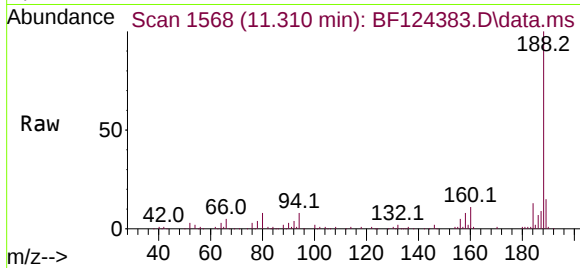




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

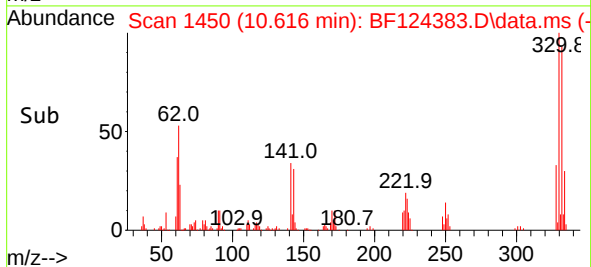
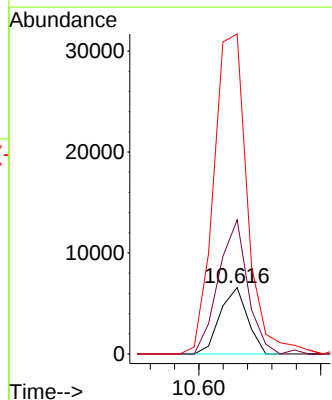
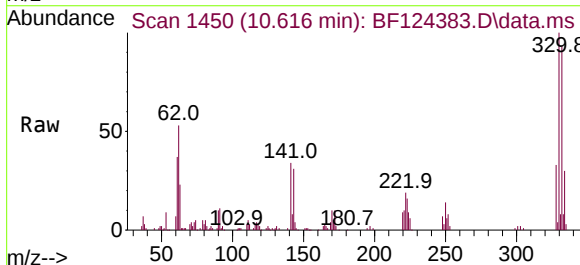
Instrument :
BNA_F
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TR-05-061721

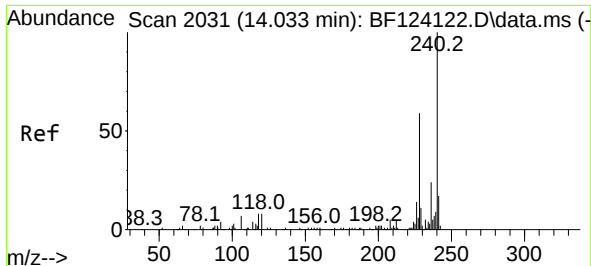
Tgt Ion:188 Resp: 125944
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.0 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 2.98 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

Tgt Ion:248 Resp: 5143
Ion Ratio Lower Upper
248 100
250 202.0 77.4 116.2#
141 482.3 63.7 95.5#

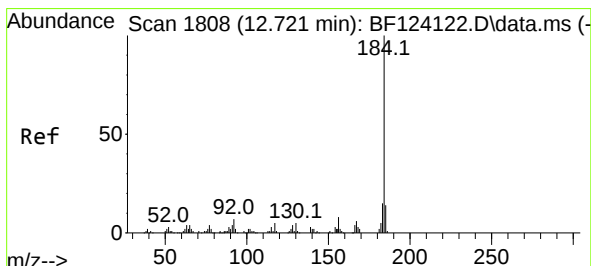
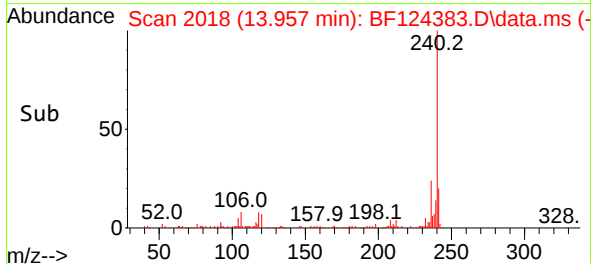
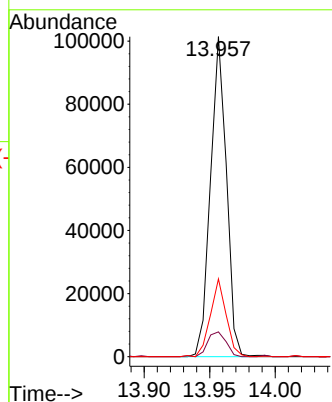
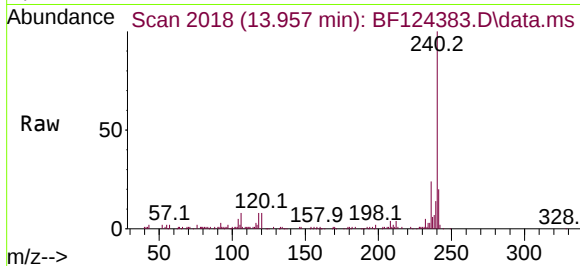




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

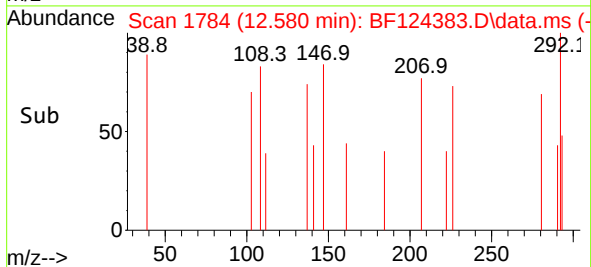
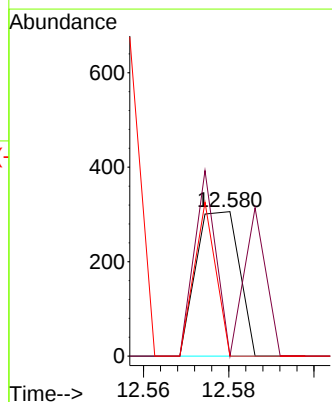
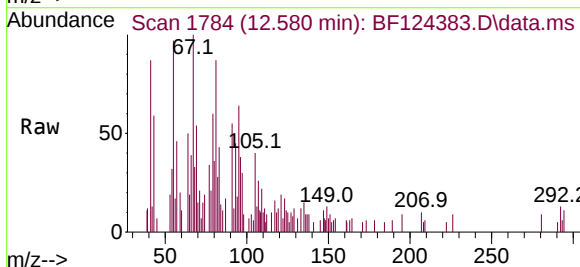
Instrument :
BNA_F
ClientSampleId :
TR-05-061721

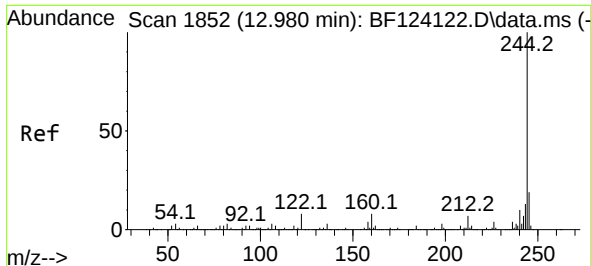
Tgt Ion:240 Resp: 86073
Ion Ratio Lower Upper
240 100
120 7.7 7.2 10.8
236 24.3 19.0 28.4



#77
Benzidine
Concen: 4.16 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.118 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

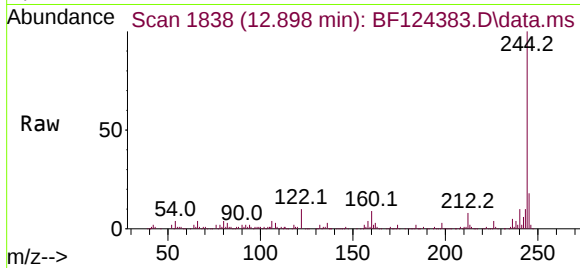
Tgt Ion:184 Resp: 214
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



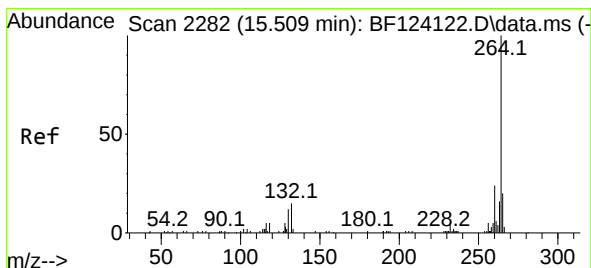
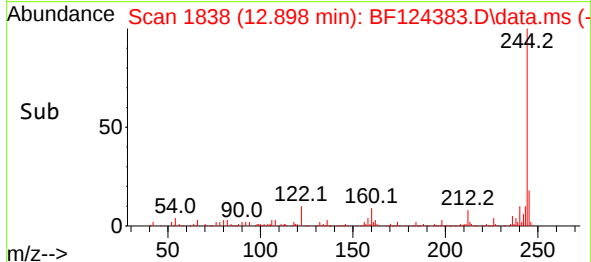
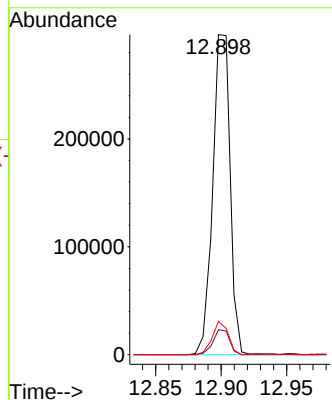


#79
Terphenyl-d14
Concen: 43.82 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

Instrument :
BNA_F
ClientSampleId :
TR-05-061721

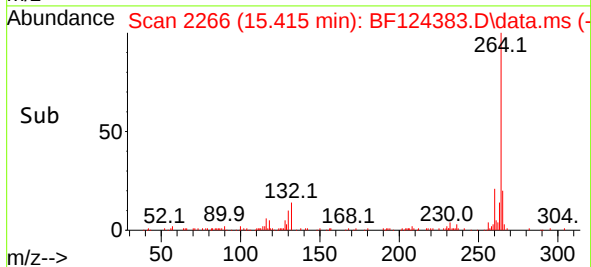
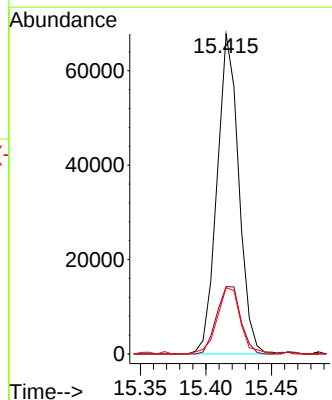
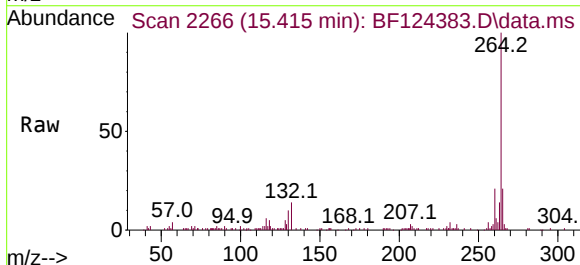


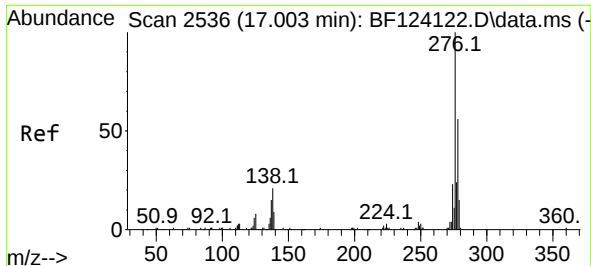
Tgt Ion:244 Resp: 274692
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 10.4 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

Tgt Ion:264 Resp: 77917
Ion Ratio Lower Upper
264 100
260 21.0 18.7 28.1
265 20.7 17.8 26.8

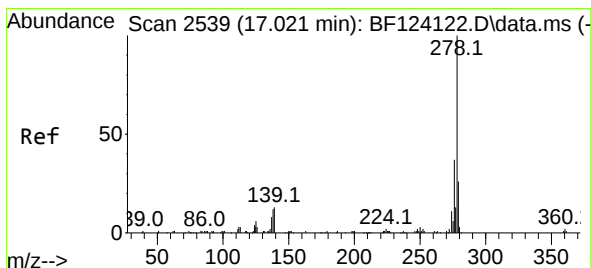
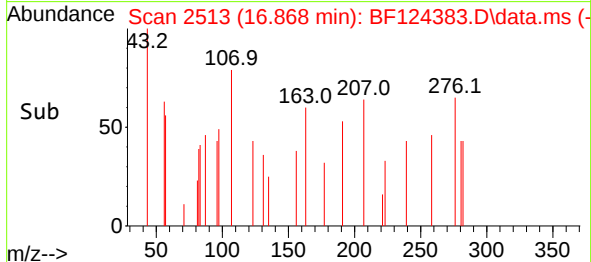
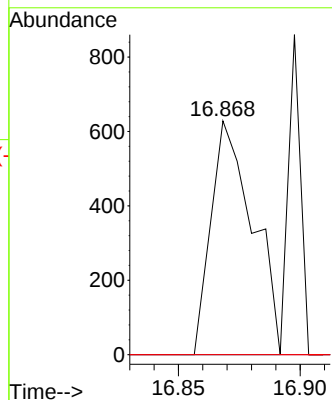
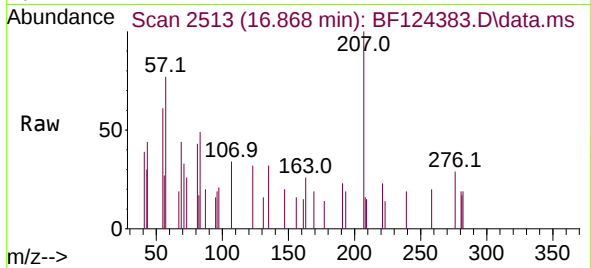




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.44 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.006 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

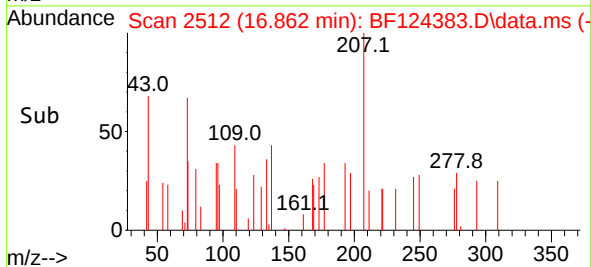
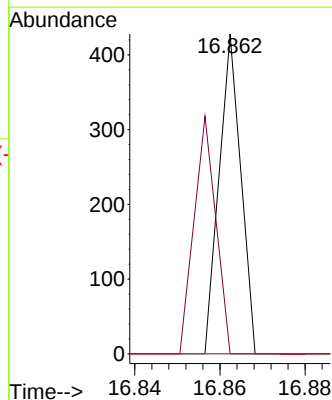
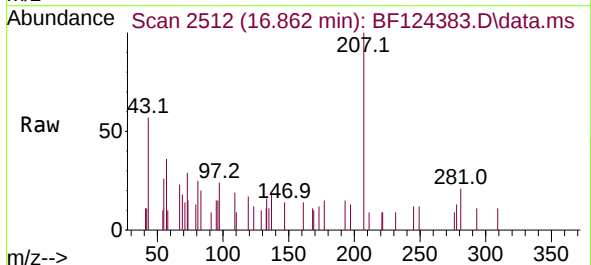
Instrument :
BNA_F
ClientSampleId :
TR-05-061721

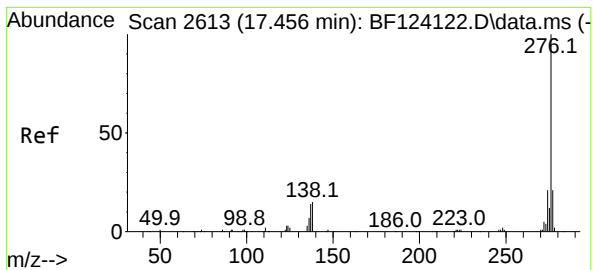
Tgt Ion:276 Resp: 749
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 0.0 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.20 ng
RT: 16.862 min Scan# 2512
Delta R.T. -0.023 min
Lab File: BF124383.D
Acq: 18 Jun 2021 20:10

Tgt Ion:278 Resp: 151
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: 3.93 ng
 RT: 17.321 min Scan# 2590
 Delta R.T. 0.006 min
 Lab File: BF124383.D
 Acq: 18 Jun 2021 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-061721

Tgt Ion:	276	Resp:	735
Ion	Ratio	Lower	Upper
276	100		
277	106.9	18.2	27.2#
138	0.0	13.8	20.6#

