

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124187.D
 Acq On : 8 Jun 2021 19:03
 Operator : JU/CG
 Sample : M2598-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13

Quant Time: Jun 09 04:08:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

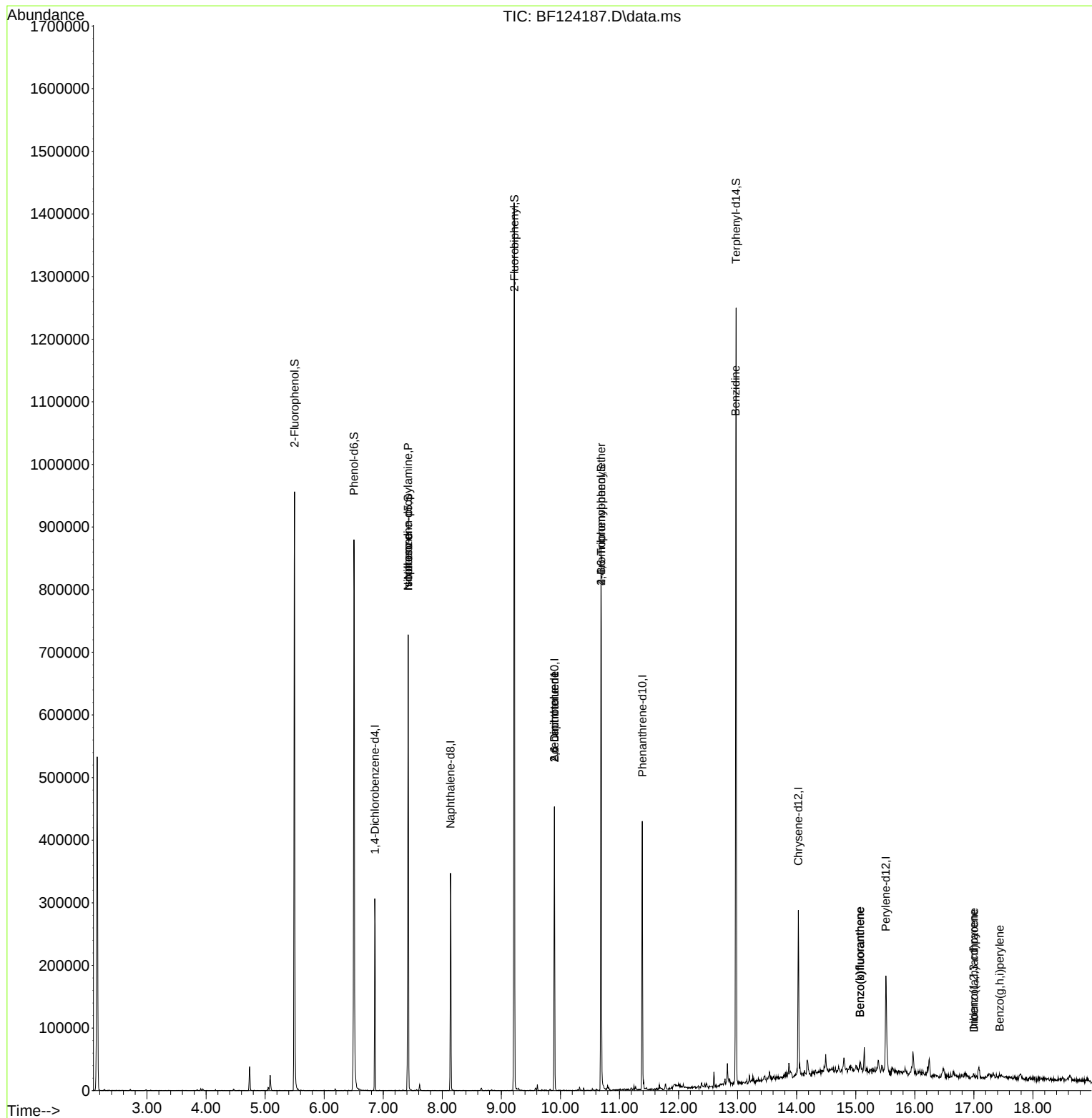
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	37115	20.00	ng	-0.01
21) Naphthalene-d8	8.139	136	141138	20.00	ng	-0.01
39) Acenaphthene-d10	9.898	164	81229	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	139630	20.00	ng	0.00
76) Chrysene-d12	14.027	240	74092	20.00	ng	0.00
86) Perylene-d12	15.509	264	47354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	214454	86.98	ng	0.00
7) Phenol-d6	6.504	99	257381	77.66	ng	0.00
23) Nitrobenzene-d5	7.422	82	219990	61.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	94878	82.44	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	420865	65.20	ng	0.00
79) Terphenyl-d14	12.974	244	363637	67.38	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	31793	13.59	ng	# 61
25) Isophorone	7.422	82	219988	34.31	ng	# 69
51) 2,6-Dinitrotoluene	9.898	165	11177	7.25	ng	# 13
57) 2,4-Dinitrotoluene	9.898	165	11177	5.50	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	7127	3.72	ng	# 1
77) Benzidine	12.969	184	6607	7.56	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.998	276	2452	4.90	ng	# 59
88) Benzo(b)fluoranthene	15.074	252	9066	2.46	ng	# 77
89) Benzo(k)fluoranthene	15.074	252	9066	2.60	ng	# 78
91) Dibenzo(a,h)anthracene	17.004	278	150	4.22	ng	# 57
92) Benzo(g,h,i)perylene	17.439	276	2673	4.55	ng	# 70

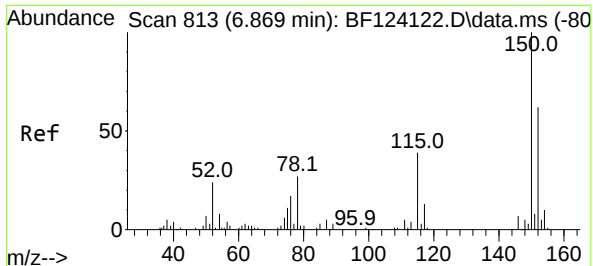
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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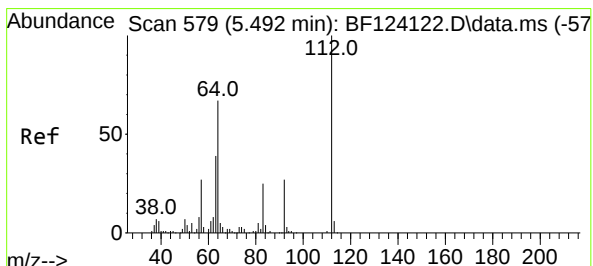
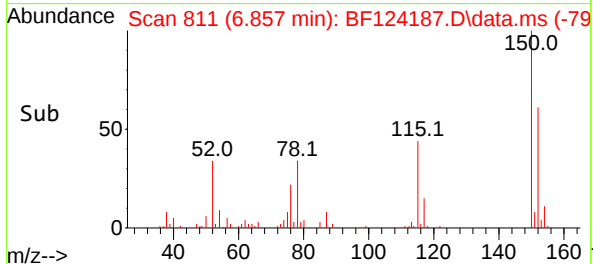
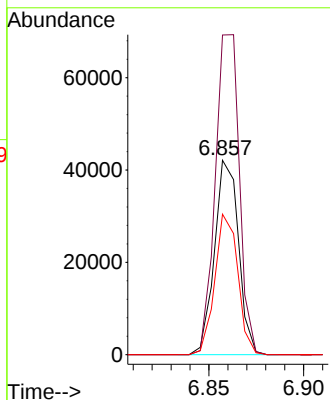
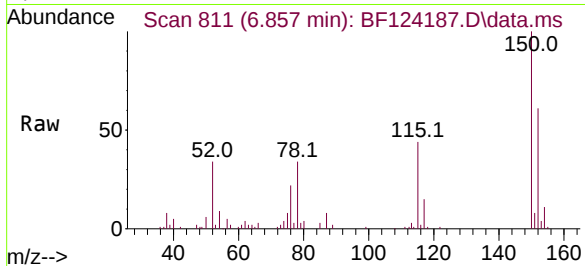




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. -0.012 min
 Lab File: BF124187.D
 Acq: 8 Jun 2021 19:03

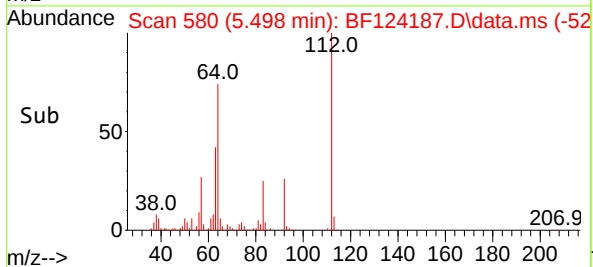
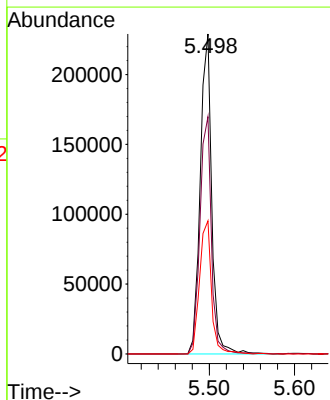
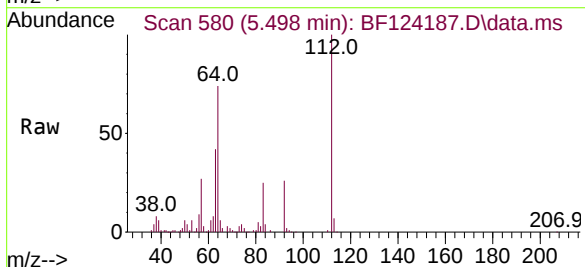
Instrument :
 BNA_F
 ClientSampleId :
 13

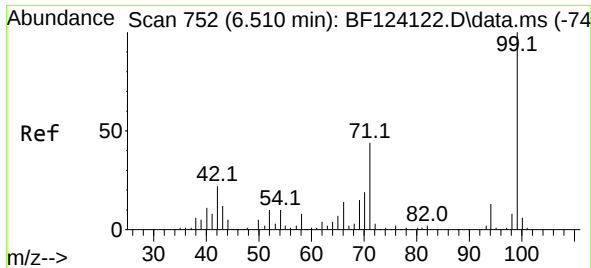
Tgt Ion:152 Resp: 37115
 Ion Ratio Lower Upper
 152 100
 150 164.4 127.0 190.6
 115 72.3 54.3 81.5



#5
 2-Fluorophenol
 Concen: 86.98 ng
 RT: 5.498 min Scan# 580
 Delta R.T. 0.006 min
 Lab File: BF124187.D
 Acq: 8 Jun 2021 19:03

Tgt Ion:112 Resp: 214454
 Ion Ratio Lower Upper
 112 100
 64 74.2 61.4 92.0
 63 41.6 33.0 49.4

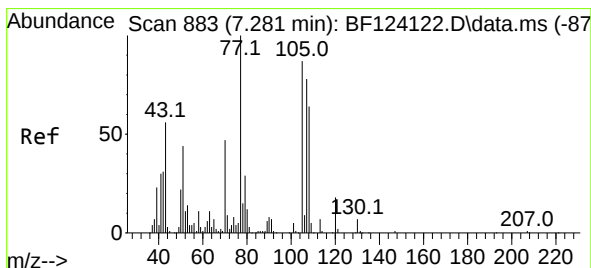
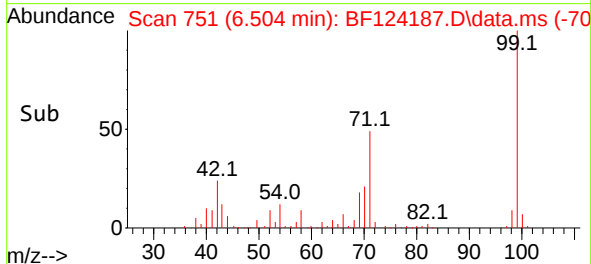
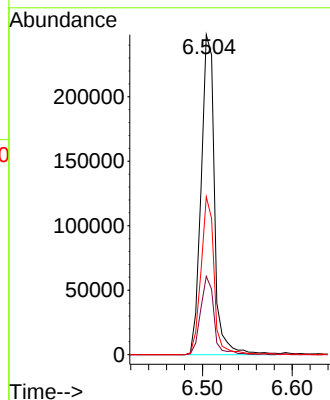
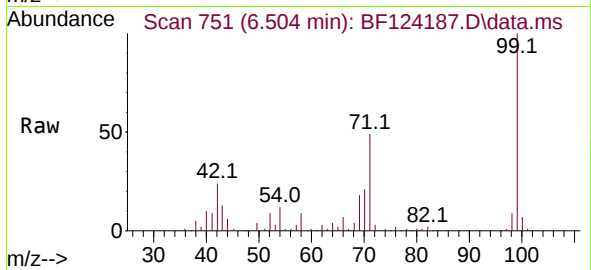




#7
Phenol-d6
Concen: 77.66 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

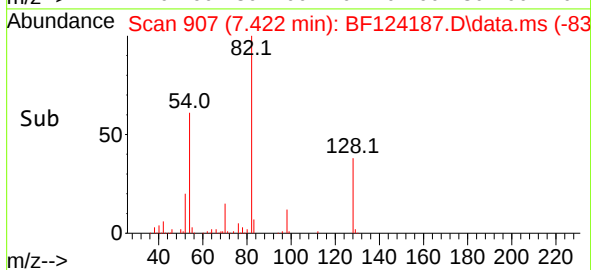
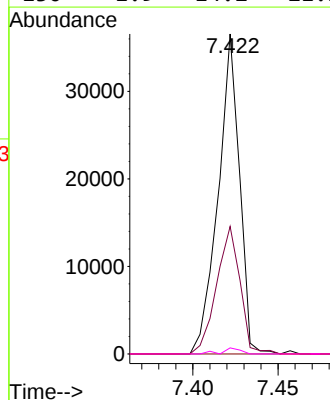
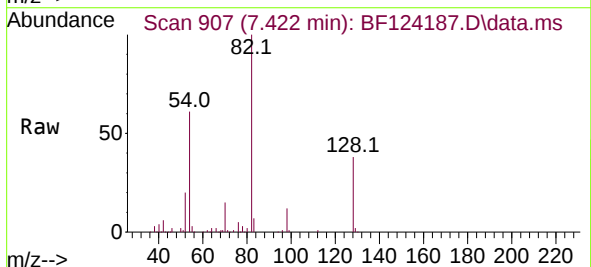
Instrument :
BNA_F
ClientSampleId :
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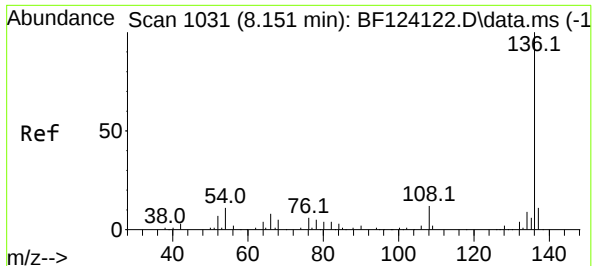
Tgt Ion: 99 Resp: 257381
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.8
71 49.3 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 13.59 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

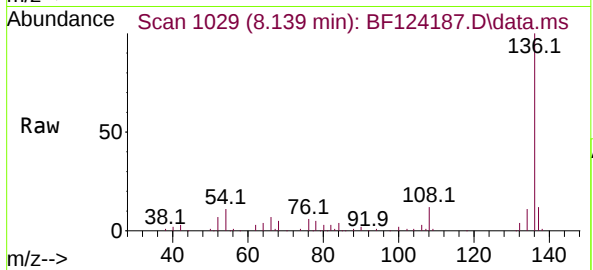
Tgt Ion: 70 Resp: 31793
Ion Ratio Lower Upper
70 100
42 39.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#



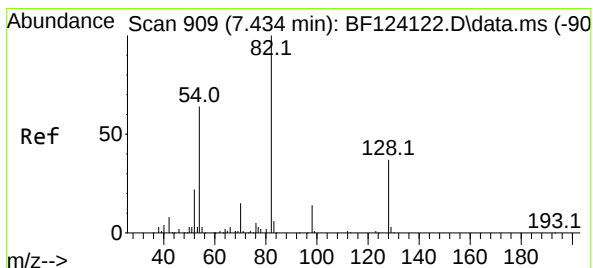
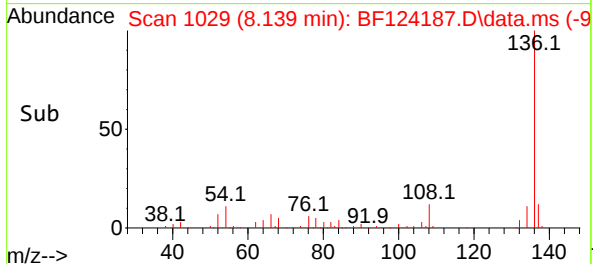
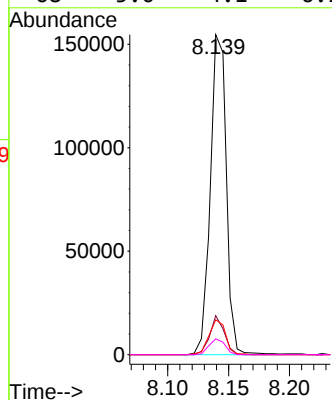


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

Instrument :
BNA_F
ClientSampleId :
13

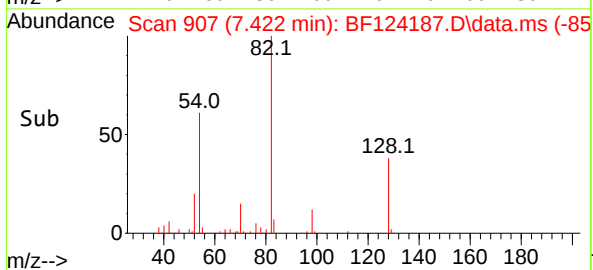
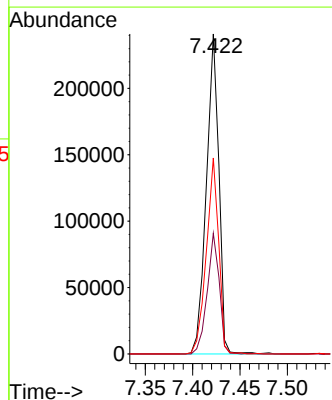
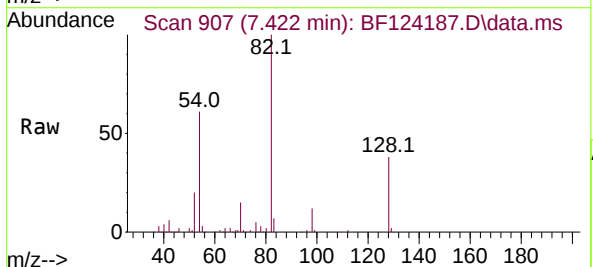


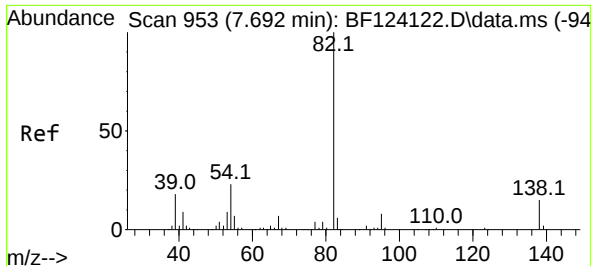
Tgt Ion:	136	Resp:	141138
Ion Ratio	Lower	Upper	
136	100		
137	12.2	8.7	13.1
54	10.9	9.8	14.6
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 61.82 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

Tgt Ion:	82	Resp:	219990
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.4	44.2
54	61.3	54.1	81.1

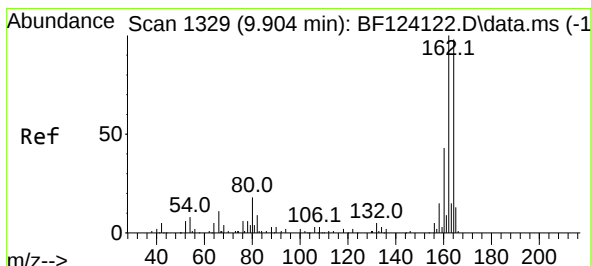
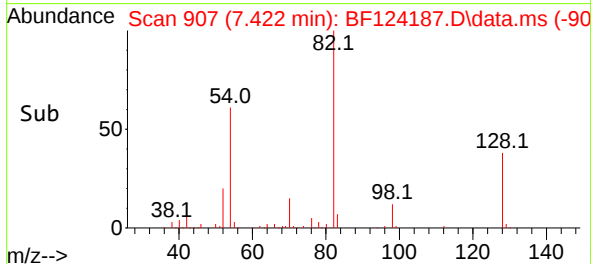
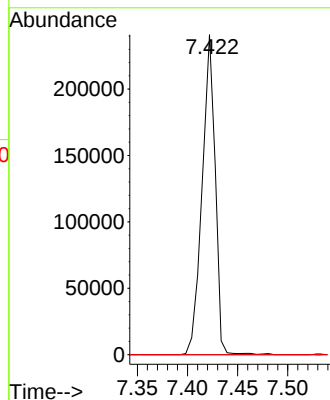
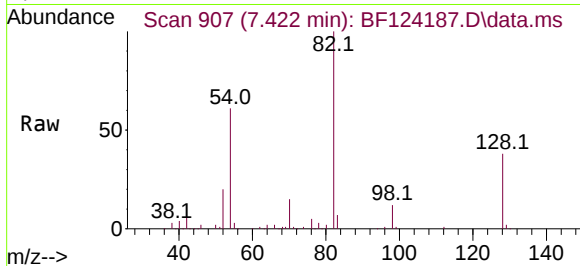




#25
Isophorone
Concen: 34.31 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

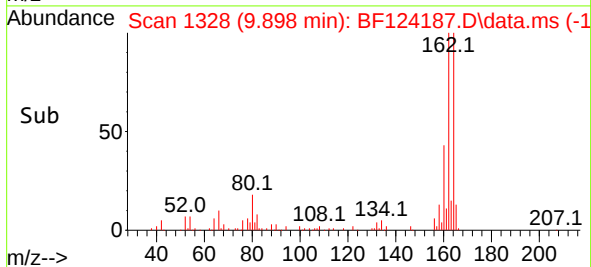
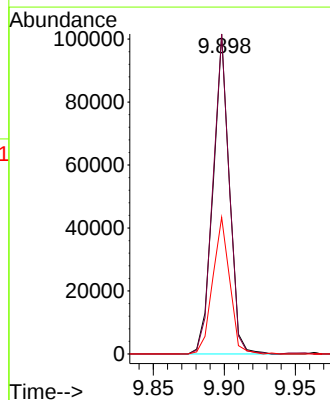
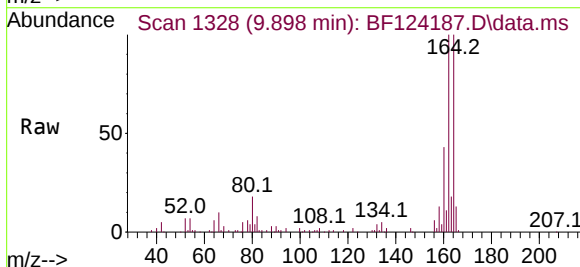
Instrument :
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ClientSampleId :
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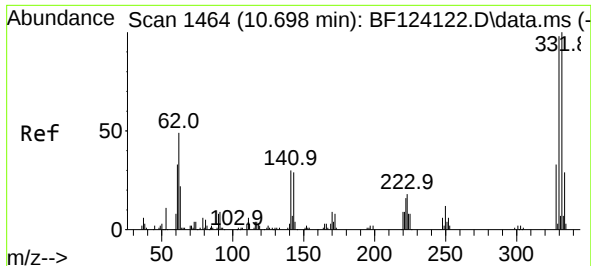
Tgt Ion: 82 Resp: 219988
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

Tgt Ion:164 Resp: 81229
Ion Ratio Lower Upper
164 100
162 99.9 80.7 121.1
160 42.7 37.3 55.9

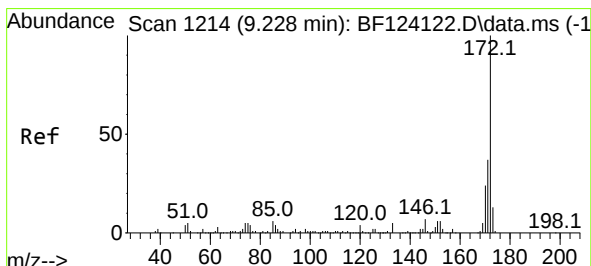
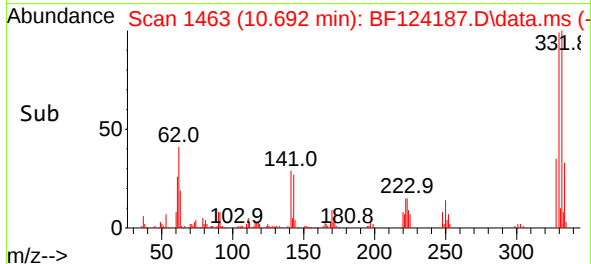
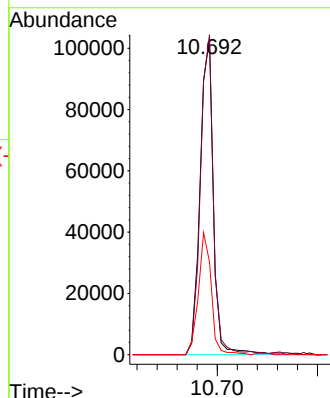
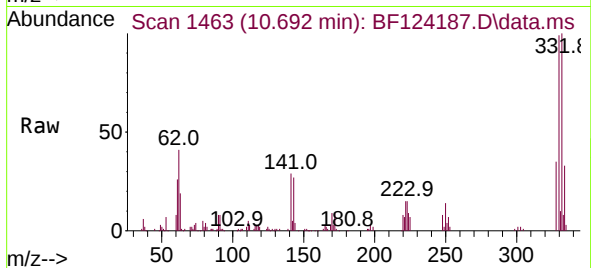




#42
2,4,6-Tribromophenol
Concen: 82.44 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

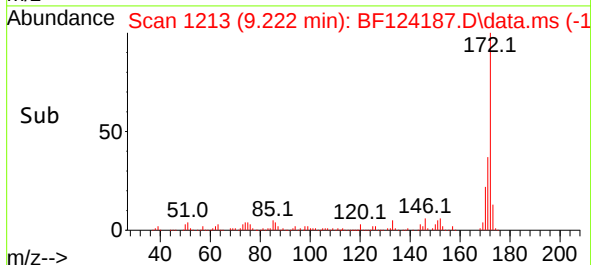
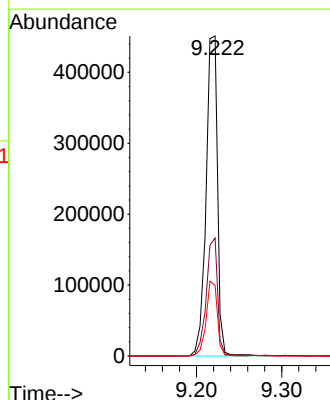
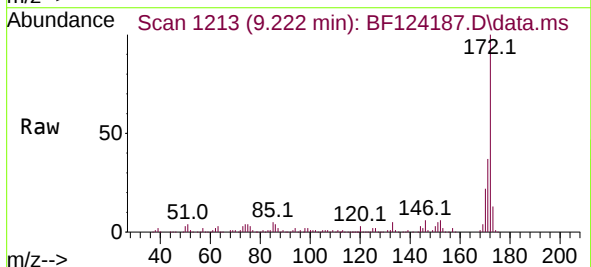
Instrument :
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ClientSampleId :
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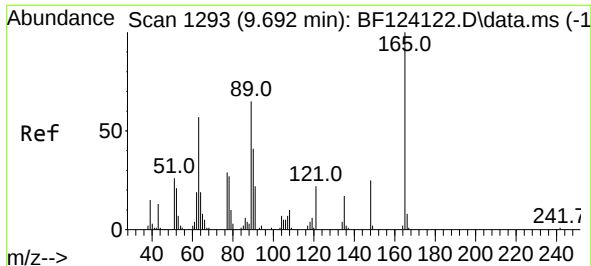
Tgt Ion: 330 Resp: 94878
Ion Ratio Lower Upper
330 100
332 98.9 77.1 115.7
141 37.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 65.20 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

Tgt Ion: 172 Resp: 420865
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 22.1 19.2 28.8

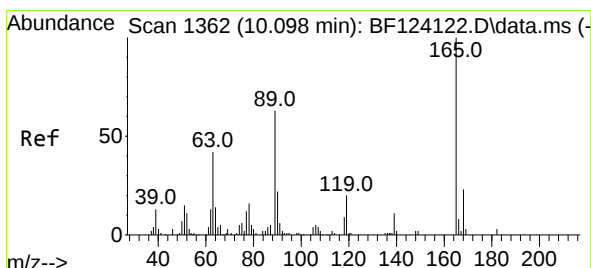
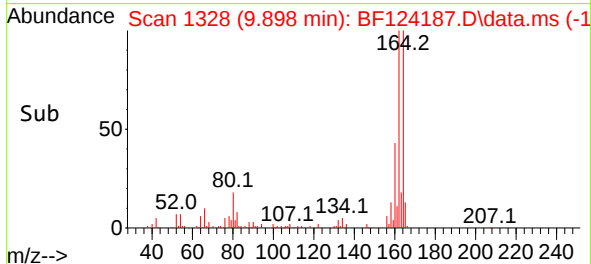
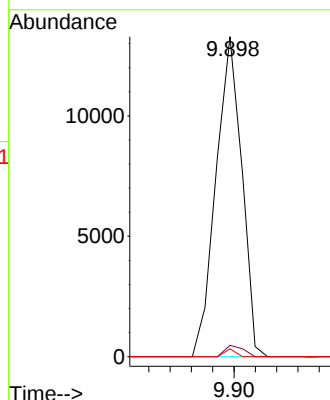
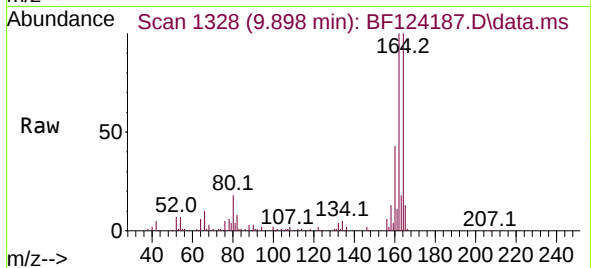




#51
2,6-Dinitrotoluene
Concen: 7.25 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

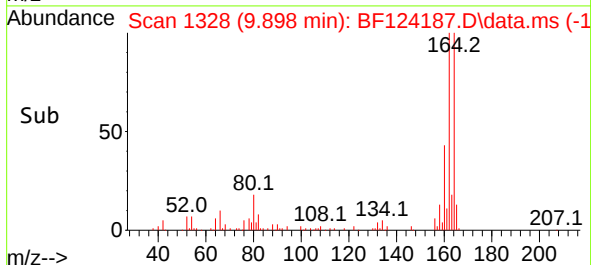
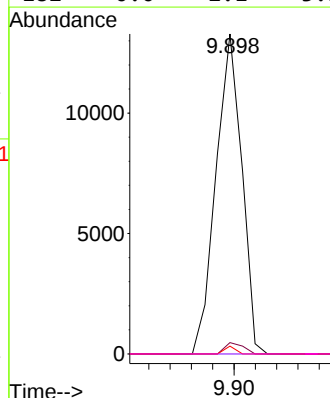
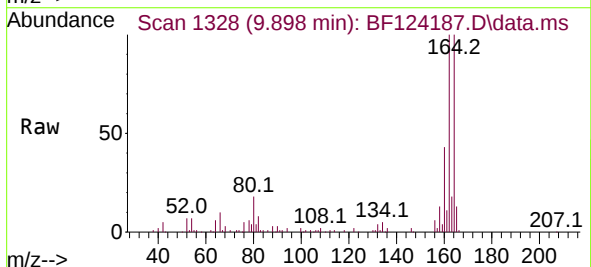
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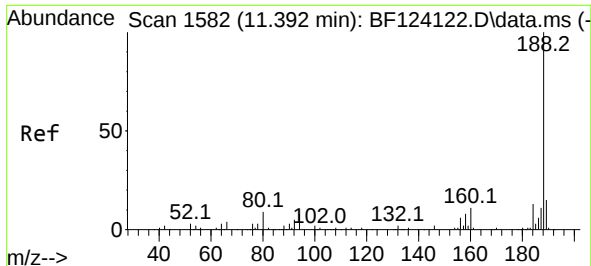
Tgt Ion:165 Resp: 11177
Ion Ratio Lower Upper
165 100
63 3.6 67.7 101.5#
89 2.5 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.50 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

Tgt Ion:165 Resp: 11177
Ion Ratio Lower Upper
165 100
63 3.6 43.5 65.3#
89 2.5 67.7 101.5#
182 0.0 2.1 3.1#

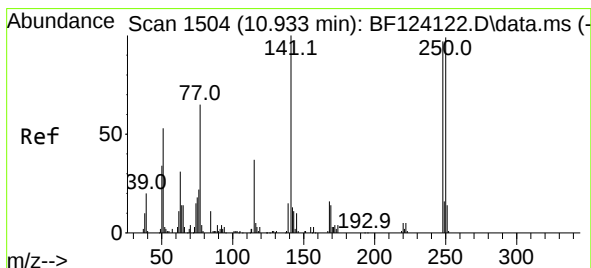
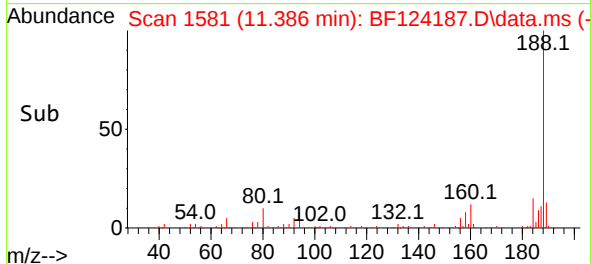
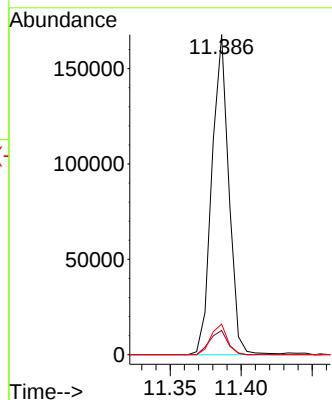
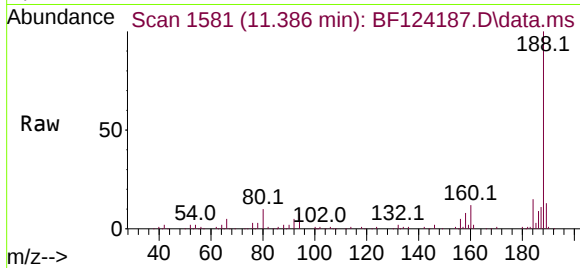




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

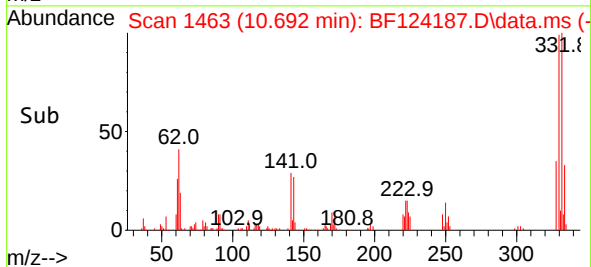
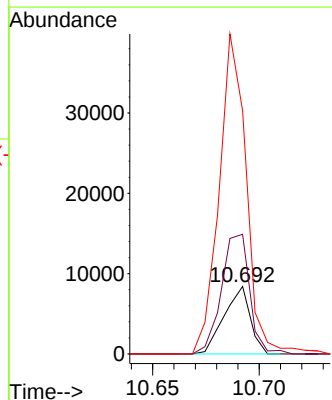
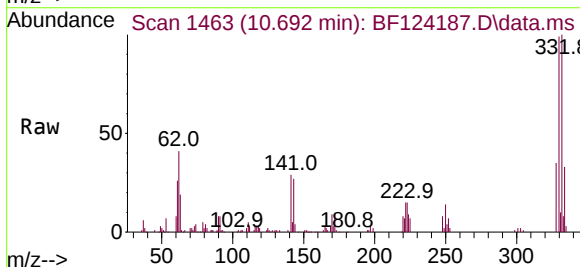
Instrument :
BNA_F
ClientSampleId :
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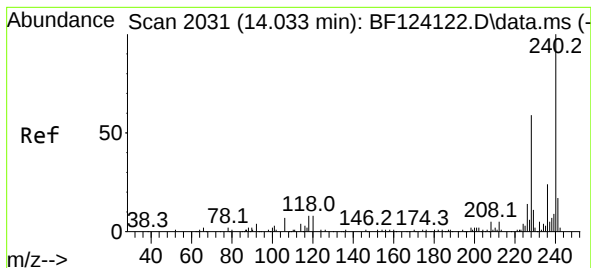
Tgt Ion:188 Resp: 139630
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 9.6 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

Tgt Ion:248 Resp: 7127
Ion Ratio Lower Upper
248 100
250 177.2 77.4 116.2#
141 360.7 63.7 95.5#

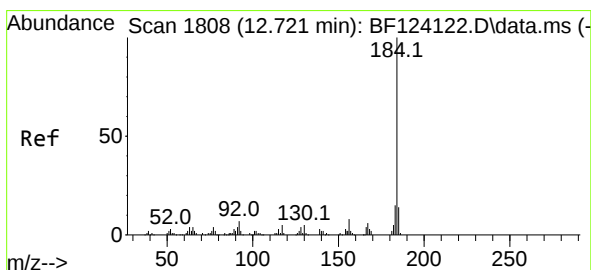
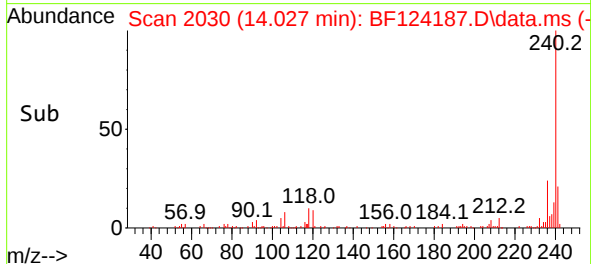
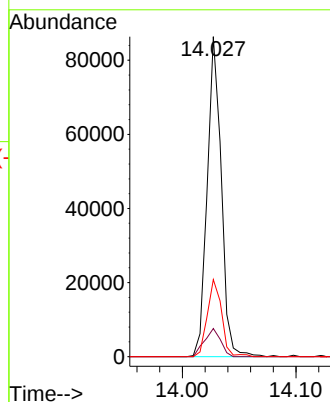
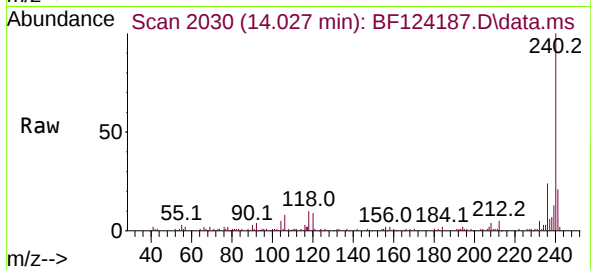




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

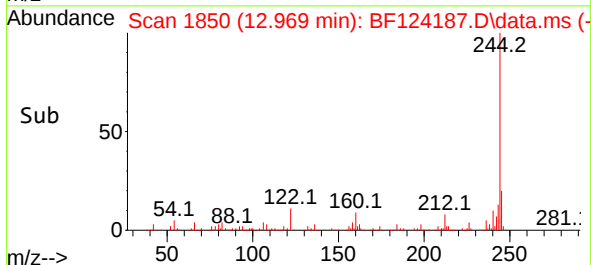
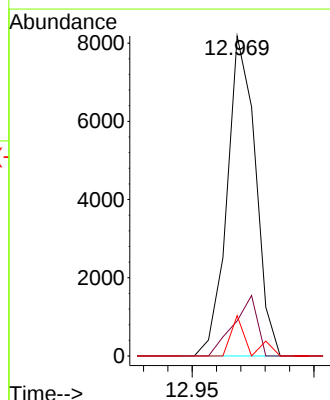
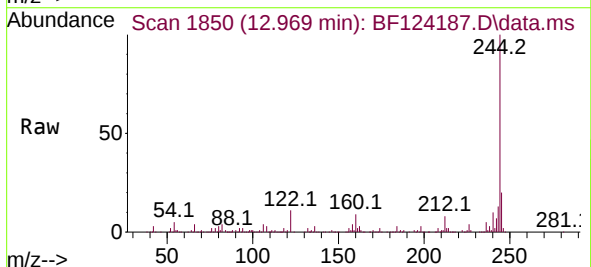
Instrument :
BNA_F
ClientSampleId :
13

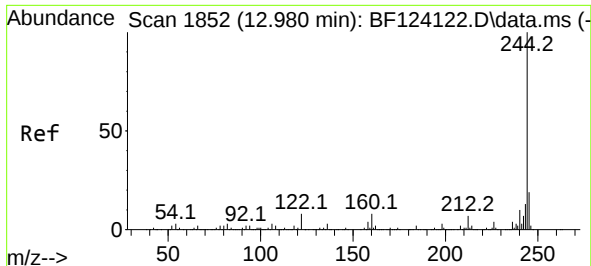
Tgt Ion:240 Resp: 74092
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 24.1 19.0 28.4



#77
Benzidine
Concen: 7.56 ng
RT: 12.969 min Scan# 1850
Delta R.T. 0.248 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

Tgt Ion:184 Resp: 6607
Ion Ratio Lower Upper
184 100
185 10.9 12.1 18.1#
183 12.6 7.8 11.8#

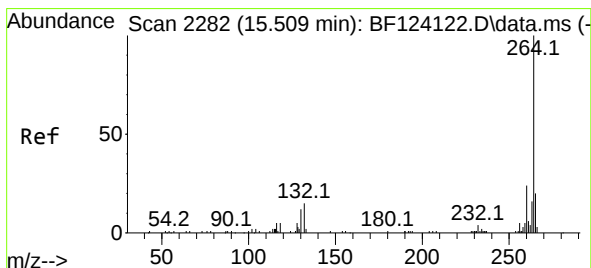
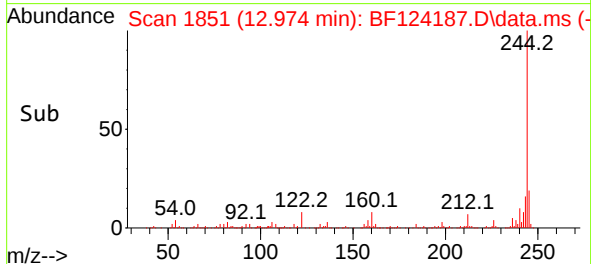
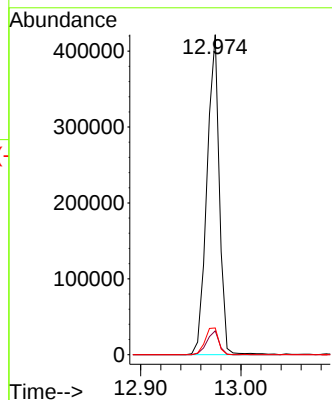
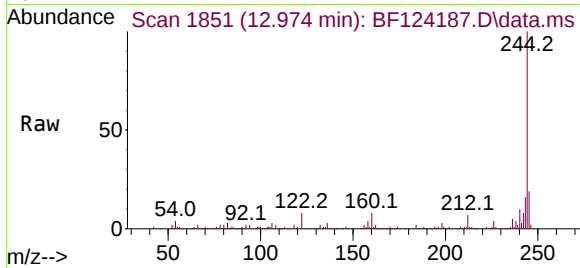




#79
Terphenyl-d14
Concen: 67.38 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

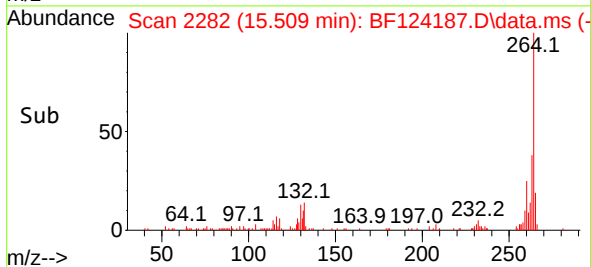
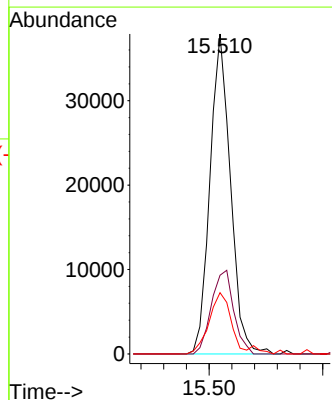
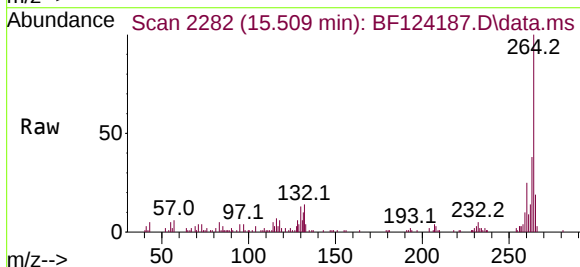
Instrument :
BNA_F
ClientSampleId :
13

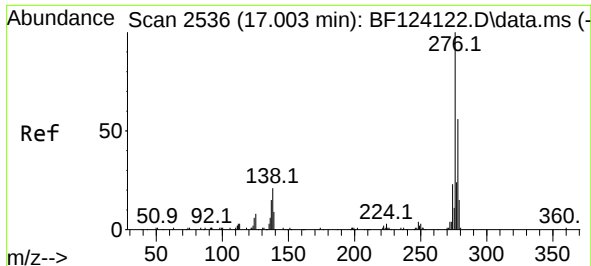
Tgt Ion:244 Resp: 363637
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 8.3 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

Tgt Ion:264 Resp: 47354
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 19.2 17.8 26.8

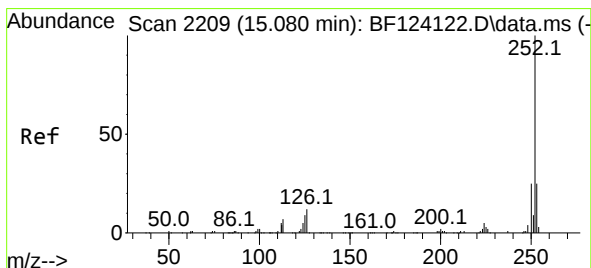
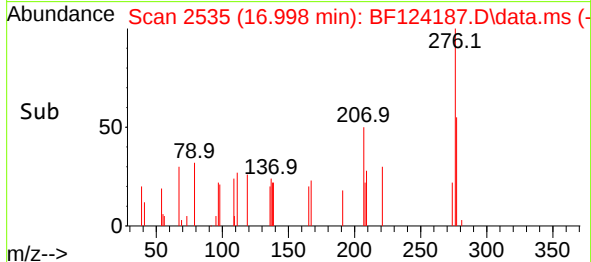
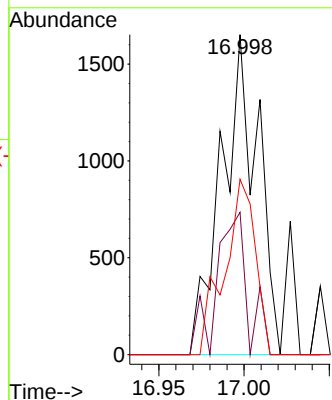
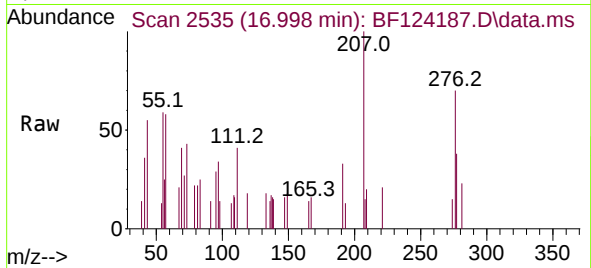




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.90 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

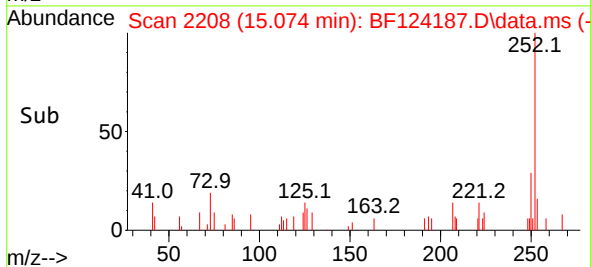
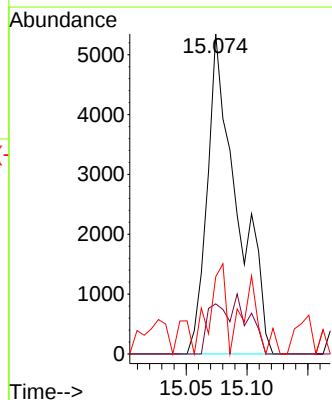
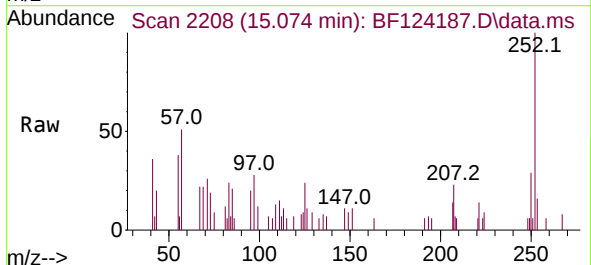
Instrument :
BNA_F
ClientSampleId :
13

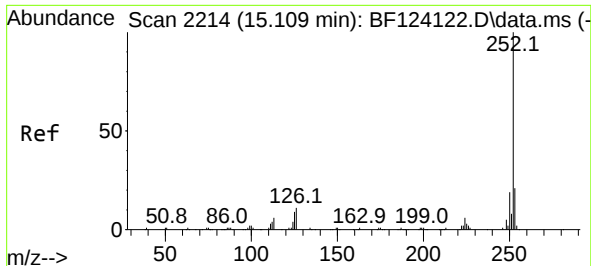
Tgt Ion:276 Resp: 2452
Ion Ratio Lower Upper
276 100
138 37.6 16.2 24.2#
277 46.7 20.1 30.1#



#88
Benzo(b)fluoranthene
Concen: 2.46 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

Tgt Ion:252 Resp: 9066
Ion Ratio Lower Upper
252 100
253 15.6 18.1 27.1#
125 24.1 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.60 ng

RT: 15.074 min Scan# 2208

Delta R.T. -0.035 min

Lab File: BF124187.D

Acq: 8 Jun 2021 19:03

Tgt Ion:252 Resp: 9066

Ion Ratio Lower Upper

252 100

253 15.6 17.9 26.9#

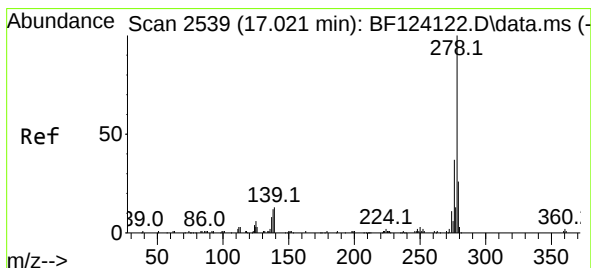
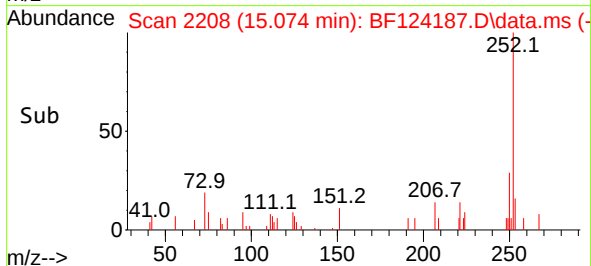
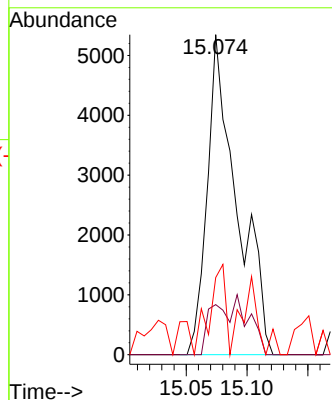
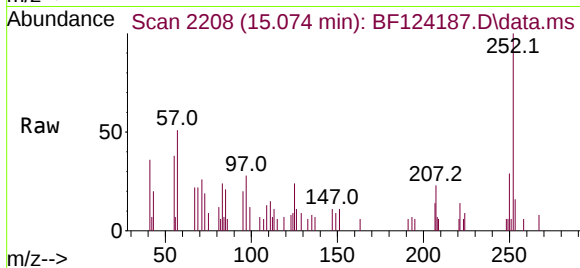
125 24.1 7.0 10.6#

Instrument :

BNA_F

ClientSampled :

13



#91

Dibenzo(a,h)anthracene

Concen: 4.22 ng

RT: 17.004 min Scan# 2536

Delta R.T. -0.017 min

Lab File: BF124187.D

Acq: 8 Jun 2021 19:03

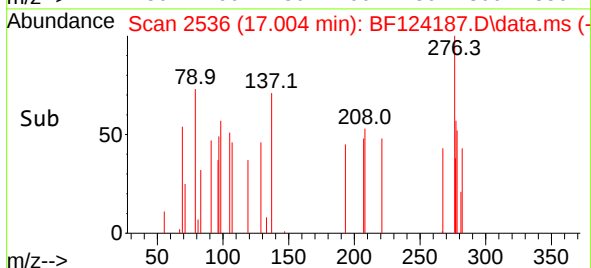
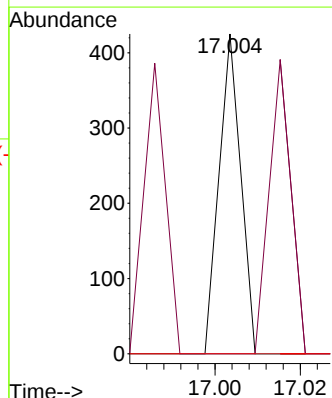
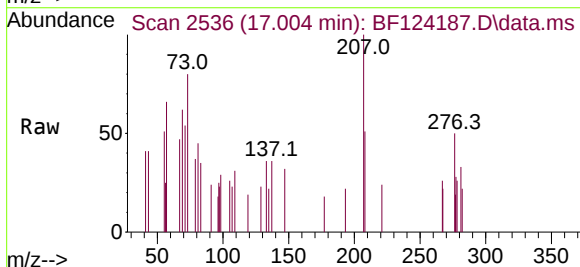
Tgt Ion:278 Resp: 150

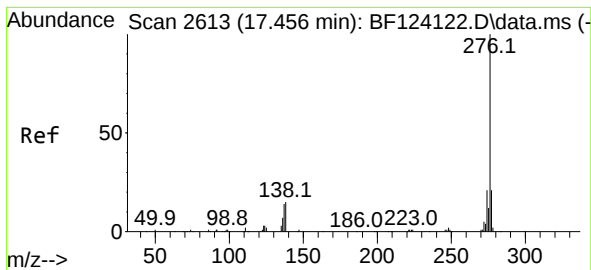
Ion Ratio Lower Upper

278 100

139 0.0 10.2 15.2#

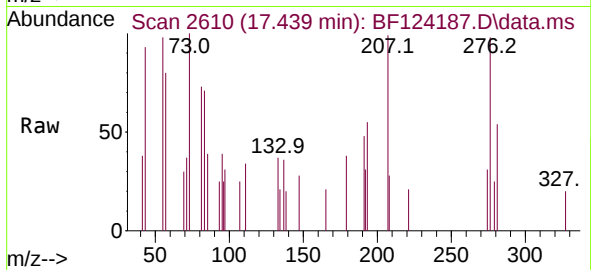
279 0.0 19.4 29.0#





#92
Benzo(g,h,i)perylene
Concen: 4.55 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.017 min
Lab File: BF124187.D
Acq: 8 Jun 2021 19:03

Instrument :
BNA_F
ClientSampleId :
13



Tgt Ion: 276 Resp: 2673
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 20.6 13.8 20.6#

