

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124366.D
 Acq On : 17 Jun 2021 16:50
 Operator : JU/CG
 Sample : M2708-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-061421

Quant Time: Jun 17 17:13:14 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)

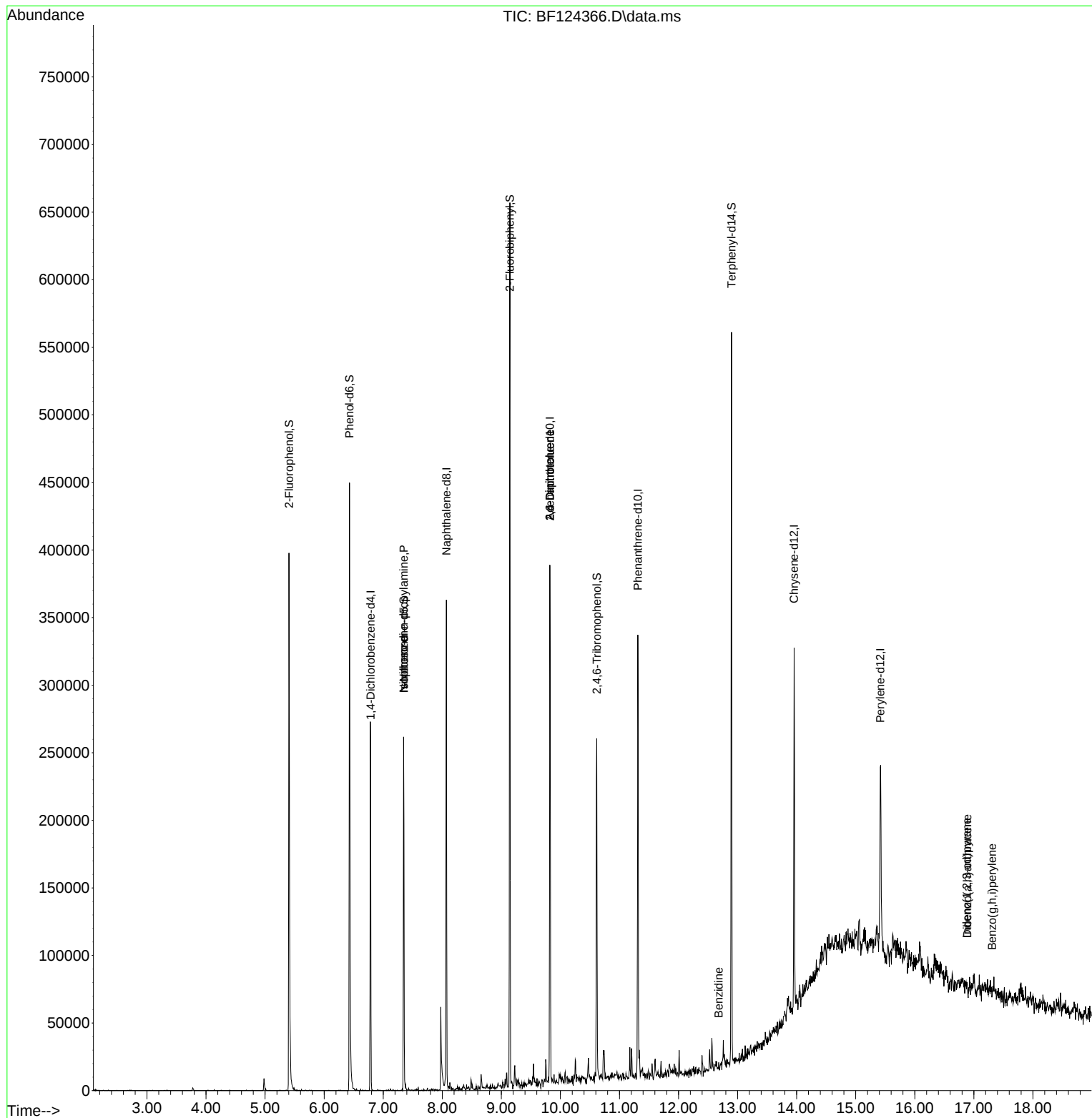
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	35440	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	126517	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	68072	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	107122	20.000	ng	0.00
76) Chrysene-d12	13.957	240	75845	20.000	ng	# 0.00
86) Perylene-d12	15.416	264	51141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	90982	38.645	ng	-0.01
7) Phenol-d6	6.428	99	112769	35.635	ng	-0.02
23) Nitrobenzene-d5	7.345	82	72452	22.713	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	26606	27.588	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	161928	29.934	ng	0.00
79) Terphenyl-d14	12.898	244	144824	26.216	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	10014	4.483	ng	# 62
25) Isophorone	7.345	82	72450	12.604	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	9332	7.227	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	9332	5.480	ng	# 15
77) Benzidine	12.680	184	134	4.130	ng	# 68
87) Indeno(1,2,3-cd)pyrene	16.880	276	638	4.472	ng	# 26
91) Dibenzo(a,h)anthracene	16.886	278	322	4.256	ng	# 57
92) Benzo(g,h,i)perylene	17.310	276	620	3.966	ng	# 14

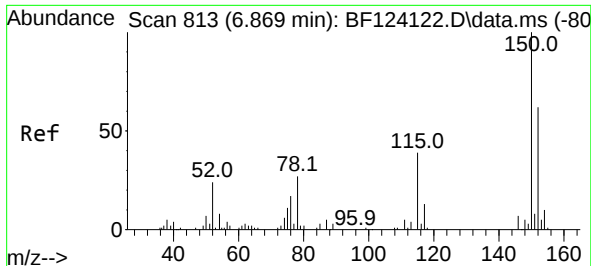
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
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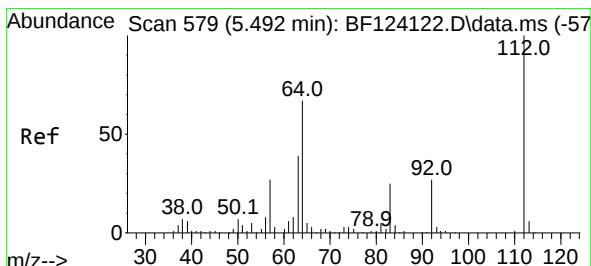
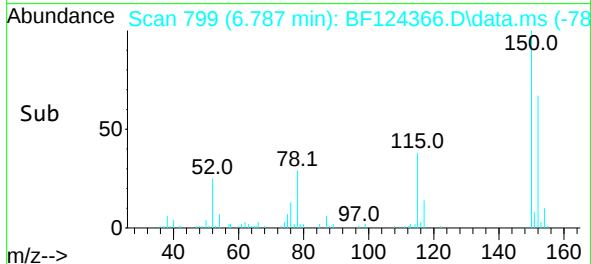
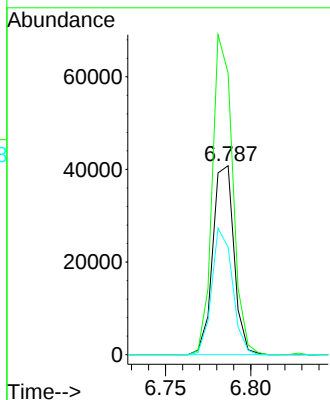
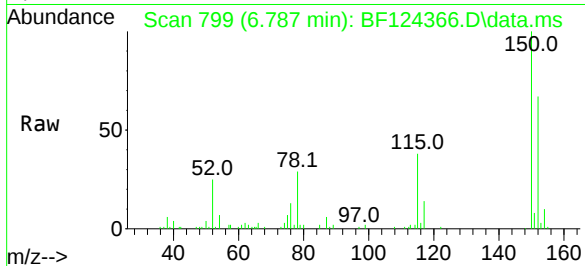




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

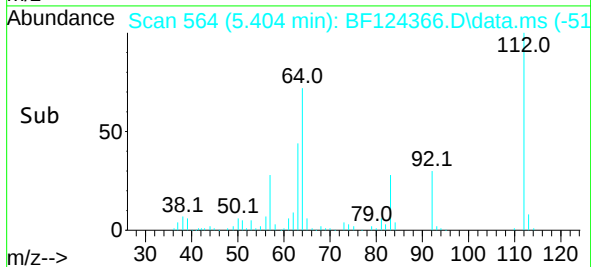
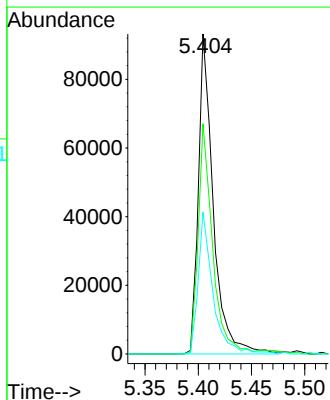
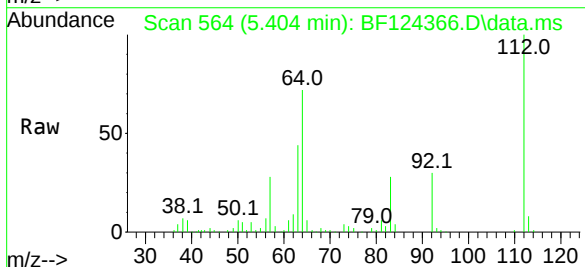
Instrument :
BNA_F
ClientSampled :
AU-06-061421

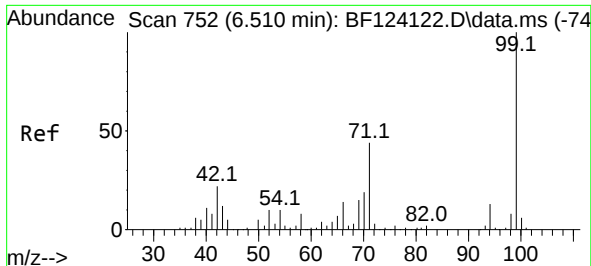
Tgt Ion:152 Resp: 35440
Ion Ratio Lower Upper
152 100
150 149.0 127.0 190.6
115 56.9 54.3 81.5



#5
2-Fluorophenol
Concen: 38.645 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.012 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

Tgt Ion:112 Resp: 90982
Ion Ratio Lower Upper
112 100
64 72.0 61.4 92.0
63 44.3 33.0 49.4

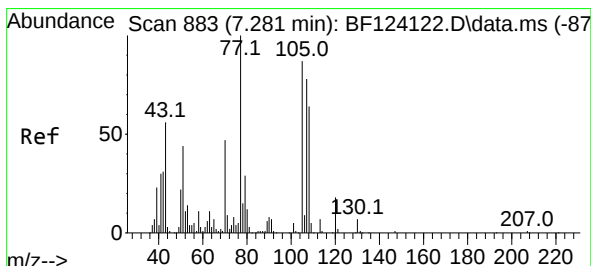
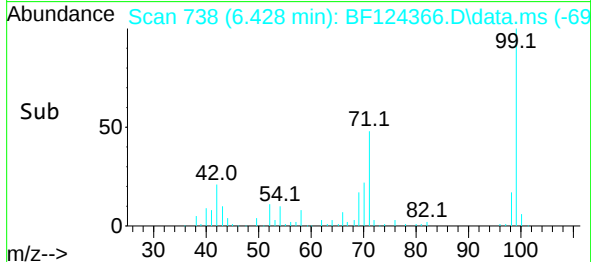
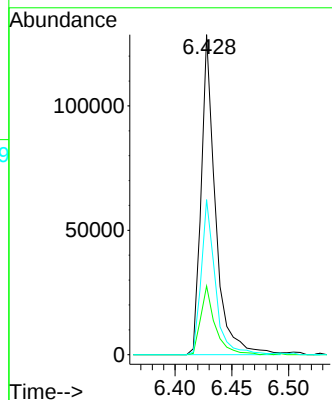
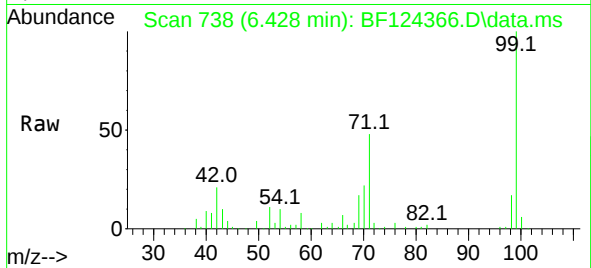




#7
Phenol-d6
Concen: 35.635 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.017 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

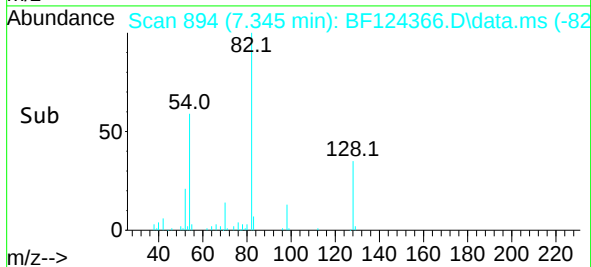
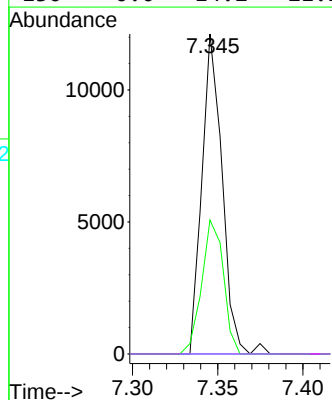
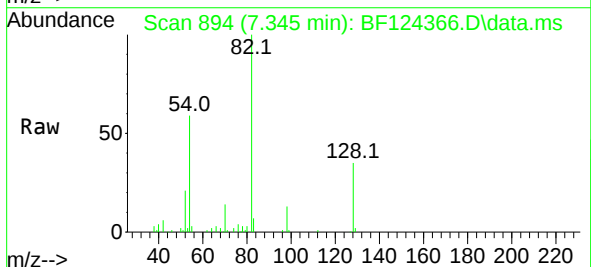
Instrument :
BNA_F
ClientSampleId :
AU-06-061421

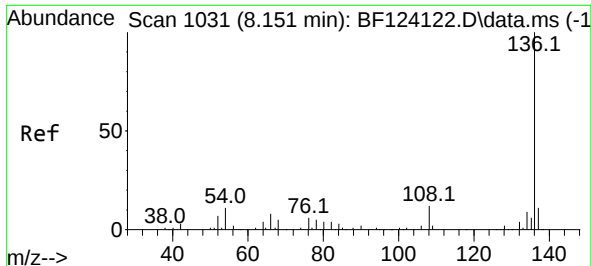
Tgt Ion: 99 Resp: 112769
Ion Ratio Lower Upper
99 100
42 21.5 19.8 29.8
71 48.4 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 4.483 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

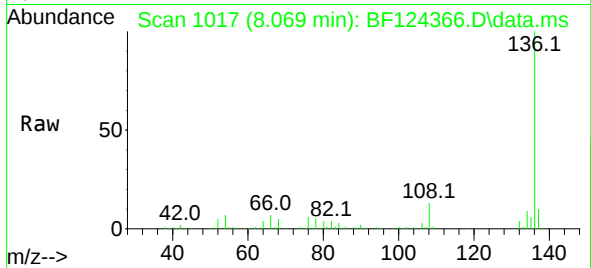
Tgt Ion: 70 Resp: 10014
Ion Ratio Lower Upper
70 100
42 41.9 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#



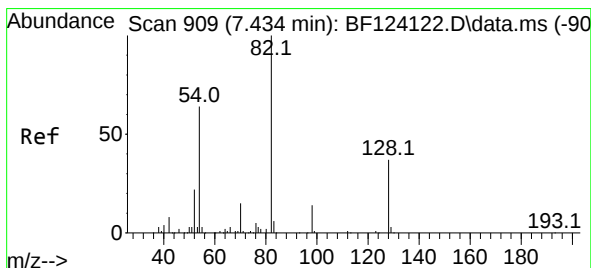
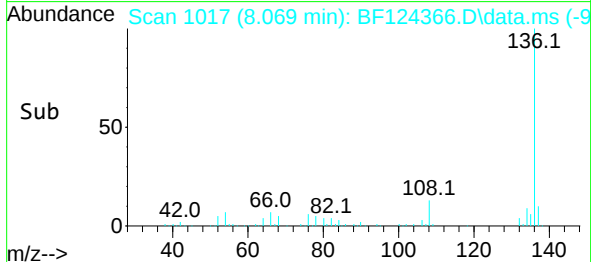
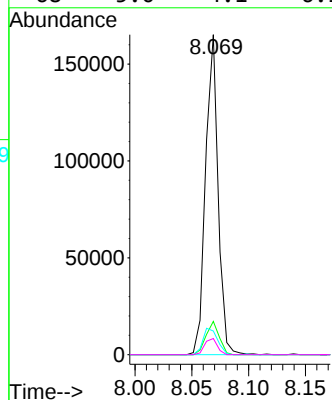


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

Instrument :
BNA_F
ClientSampleId :
AU-06-061421

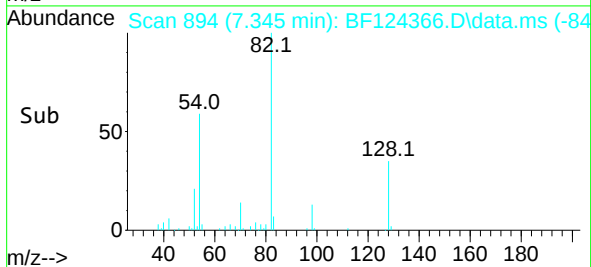
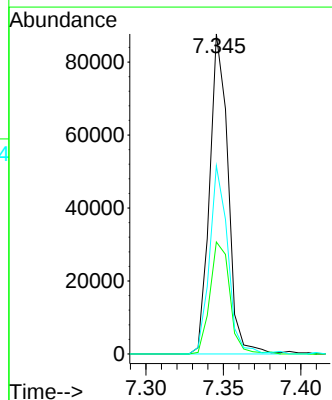
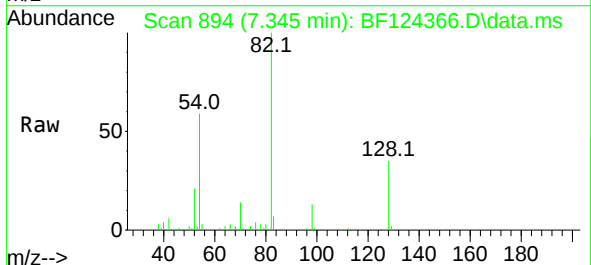


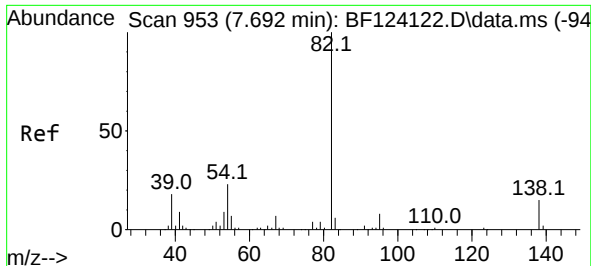
Tgt Ion:136 Resp: 126517
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 7.4 9.8 14.6#
68 5.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 22.713 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

Tgt Ion: 82 Resp: 72452
Ion Ratio Lower Upper
82 100
128 35.0 29.4 44.2
54 58.8 54.1 81.1

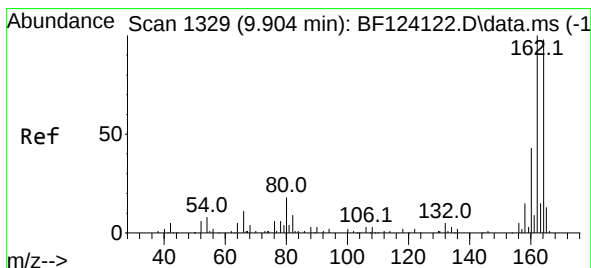
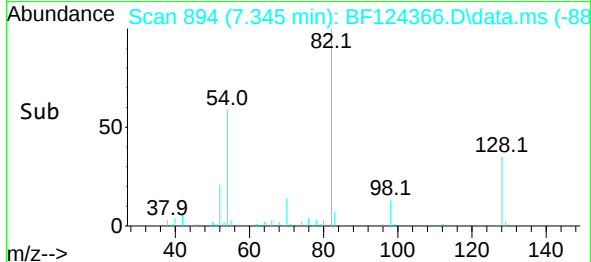
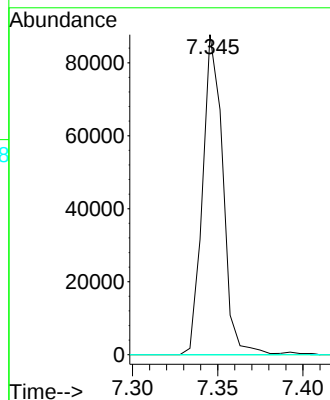
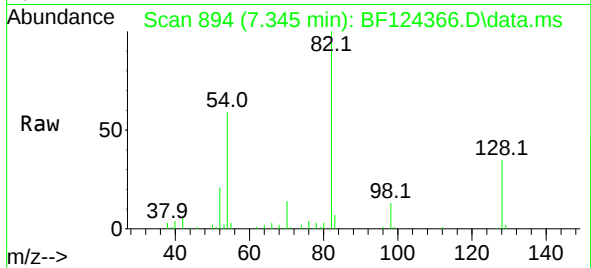




#25
Isophorone
Concen: 12.604 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

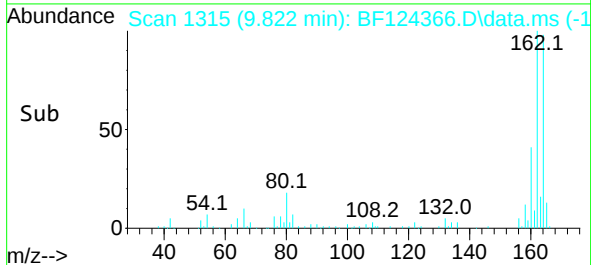
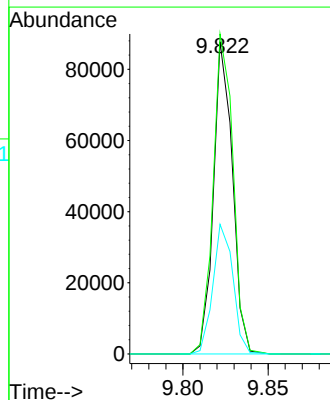
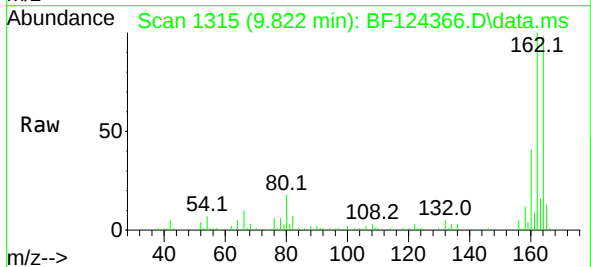
Instrument :
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ClientSampleId :
AU-06-061421

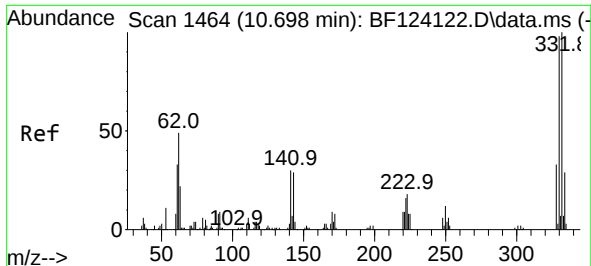
Tgt Ion: 82 Resp: 72450
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

Tgt Ion:164 Resp: 68072
Ion Ratio Lower Upper
164 100
162 102.5 80.7 121.1
160 41.5 37.3 55.9

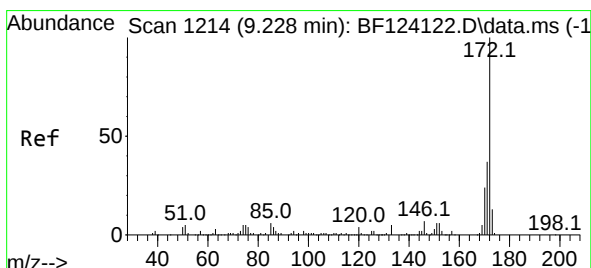
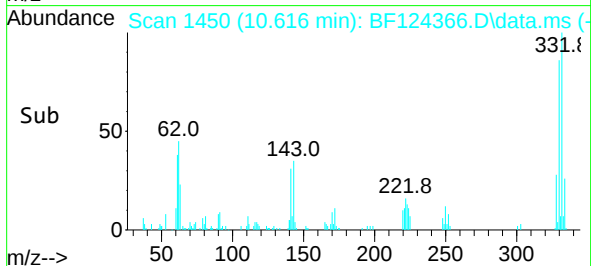
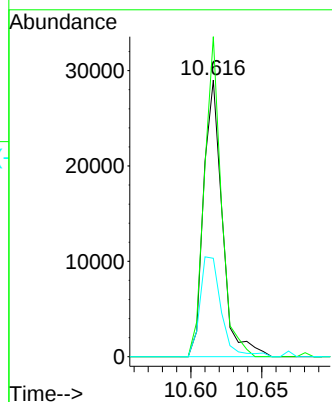
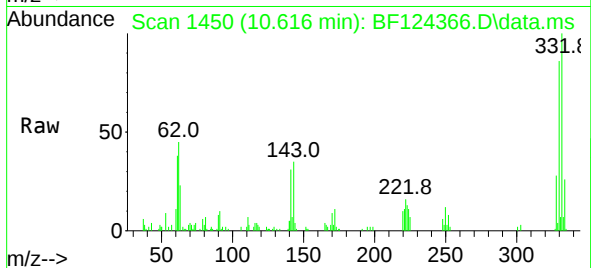




#42
2,4,6-Tribromophenol
Concen: 27.588 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

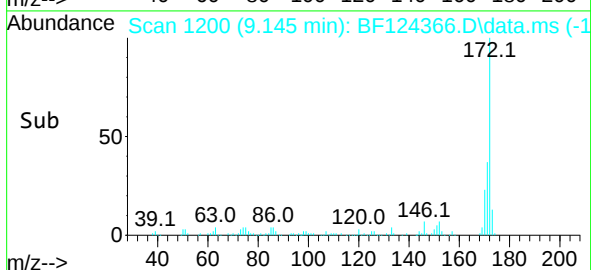
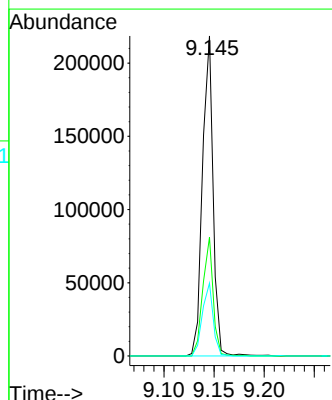
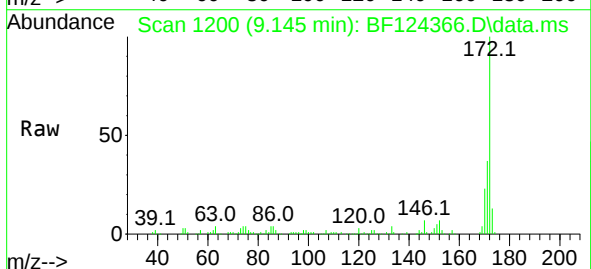
Instrument :
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ClientSampled :
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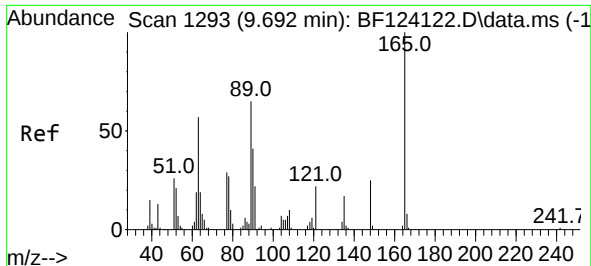
Tgt Ion:	330	Resp:	26606
Ion Ratio	Lower	Upper	
330	100		
332	104.5	77.1	115.7
141	40.8	27.9	41.9



#45
2-Fluorobiphenyl
Concen: 29.934 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

Tgt Ion:	172	Resp:	161928
Ion Ratio	Lower	Upper	
172	100		
171	37.1	28.1	42.1
170	22.7	19.2	28.8

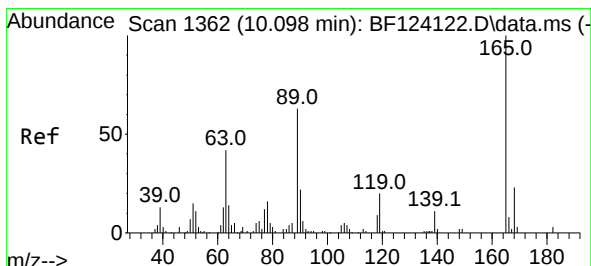
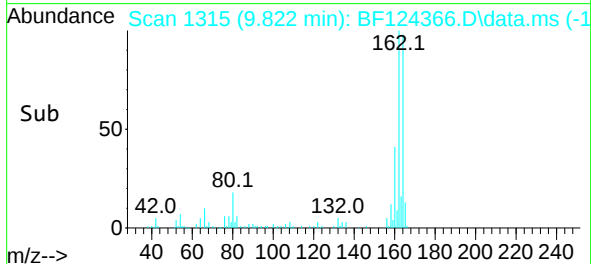
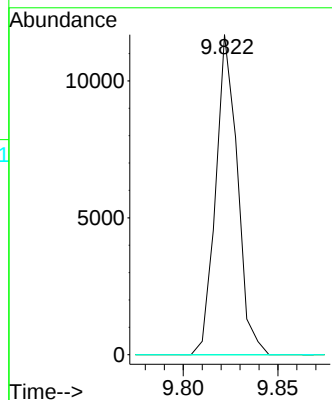
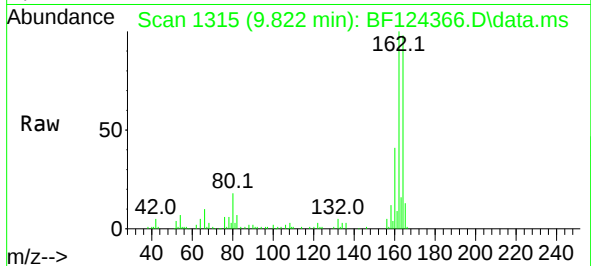




#51
2,6-Dinitrotoluene
Concen: 7.227 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

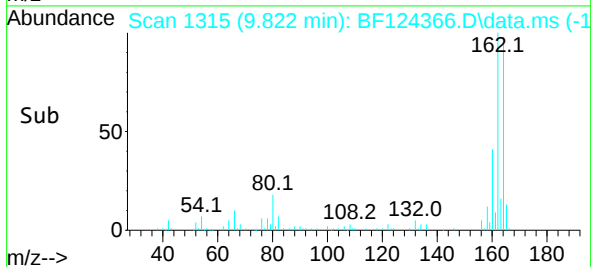
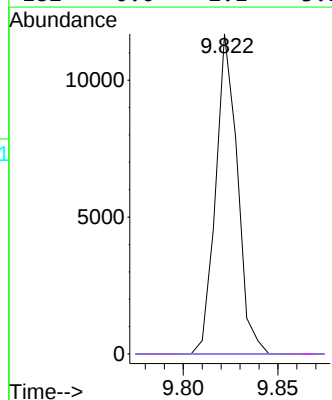
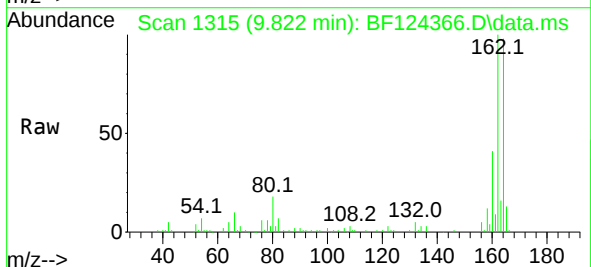
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AU-06-061421

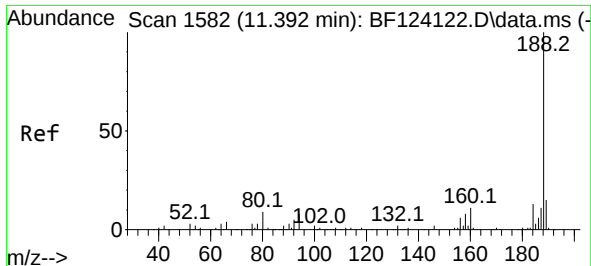
Tgt Ion:165 Resp: 9332
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.480 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

Tgt Ion:165 Resp: 9332
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#

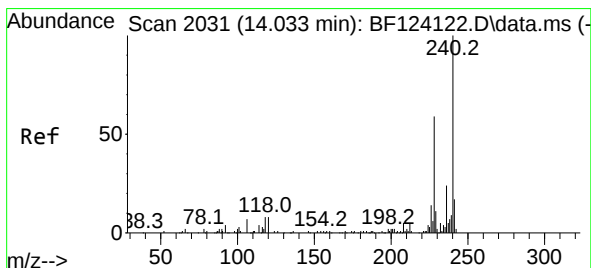
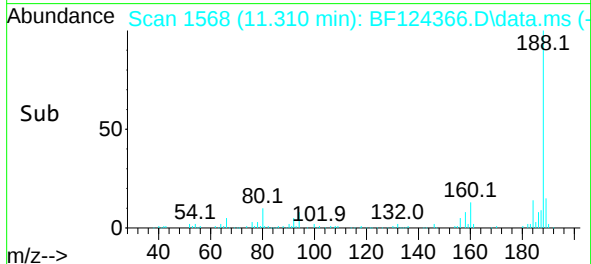
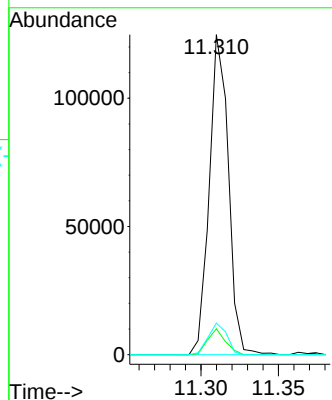
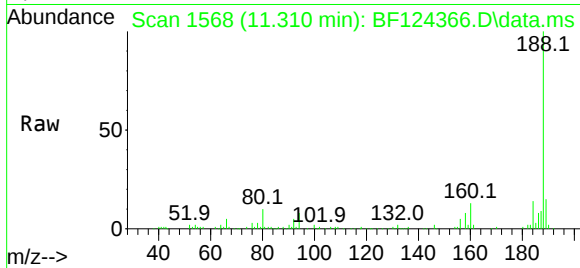




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

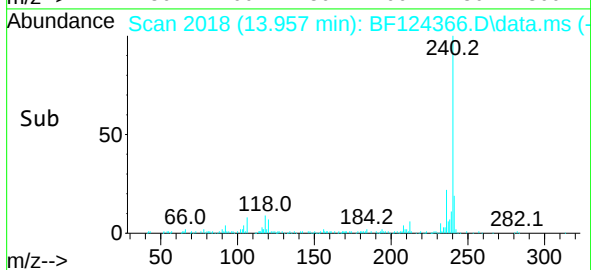
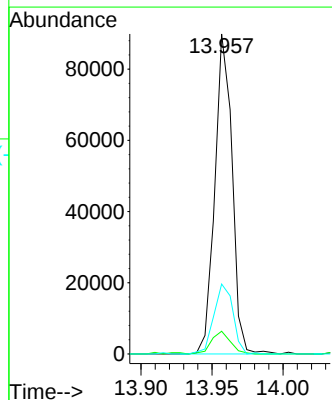
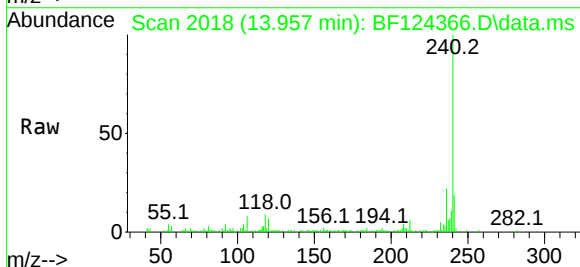
Instrument :
BNA_F
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AU-06-061421

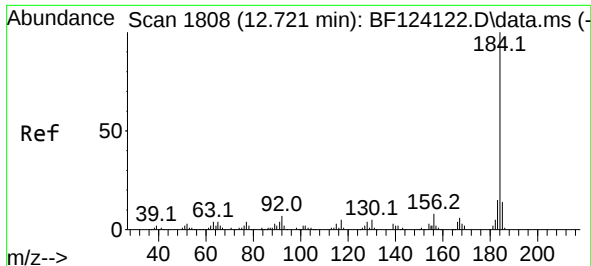
Tgt Ion:188 Resp: 107122
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.8 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

Tgt Ion:240 Resp: 75845
Ion Ratio Lower Upper
240 100
120 7.1 7.2 10.8#
236 21.8 19.0 28.4

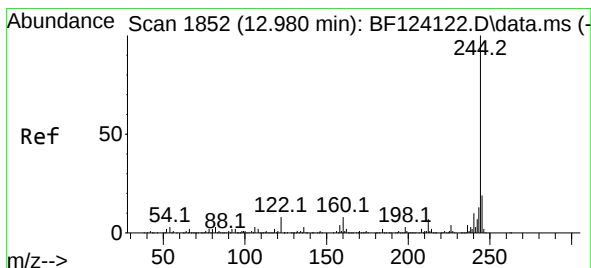
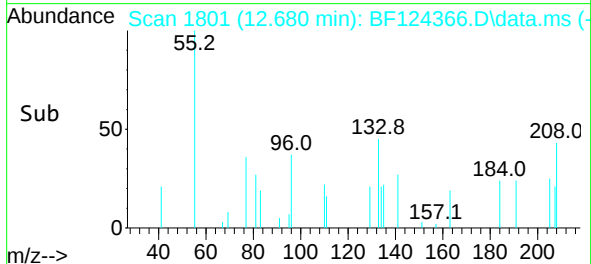
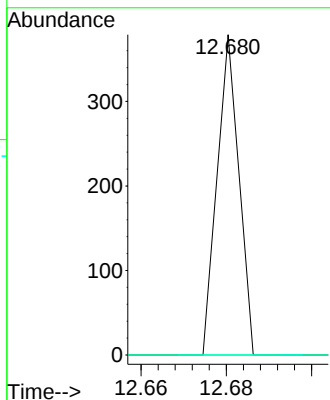
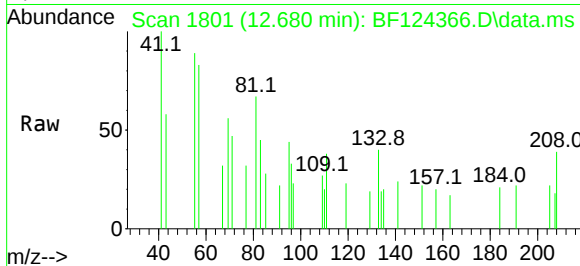




#77
Benzidine
Concen: 4.130 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.017 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

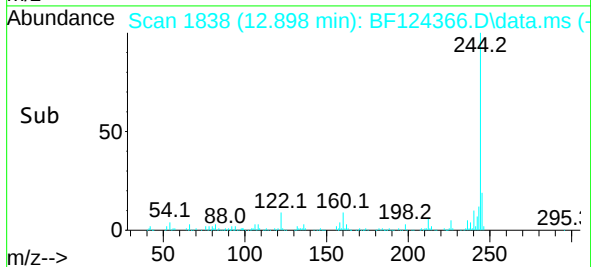
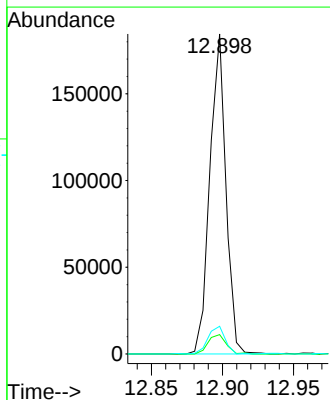
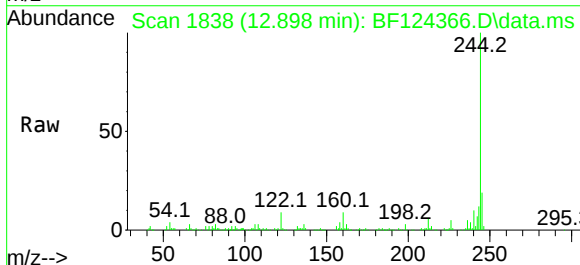
Instrument :
BNA_F
ClientSampled :
AU-06-061421

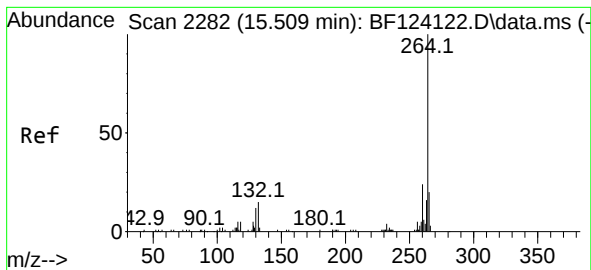
Tgt Ion:184 Resp: 134
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 26.216 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

Tgt Ion:244 Resp: 144824
Ion Ratio Lower Upper
244 100
212 6.0 5.7 8.5
122 8.6 9.7 14.5#

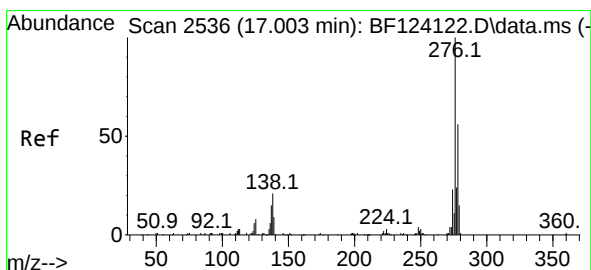
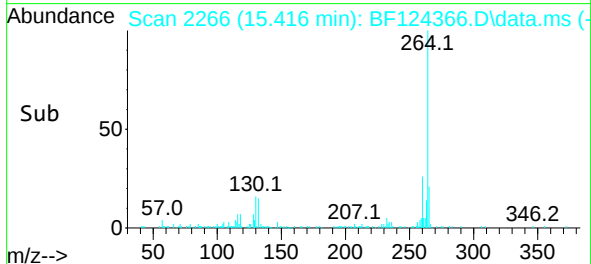
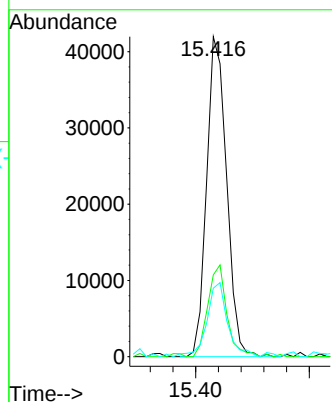
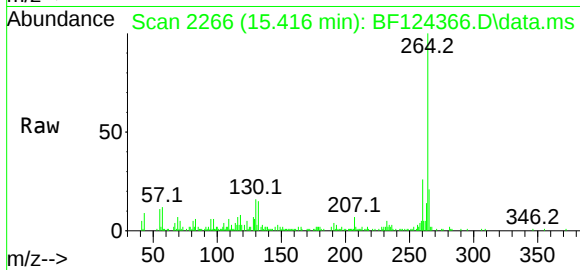




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

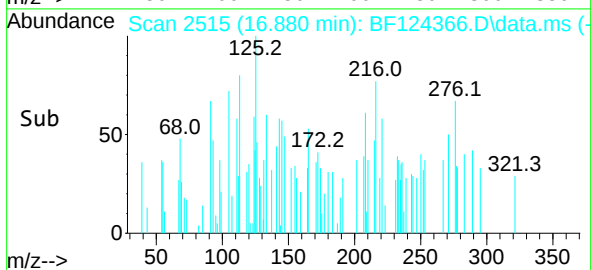
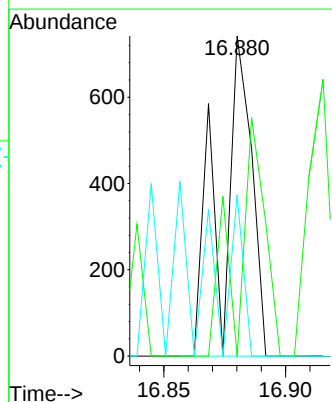
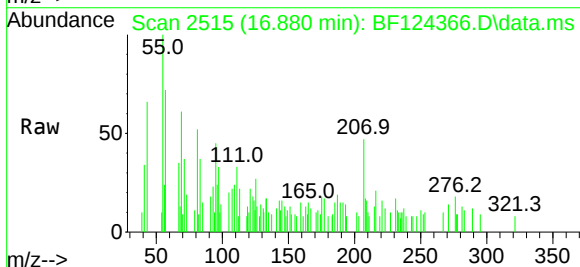
Instrument :
BNA_F
ClientSampleId :
AU-06-061421

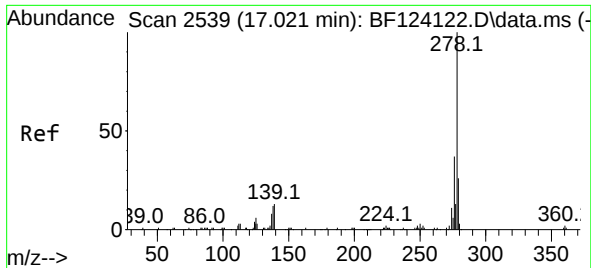
Tgt Ion:	264	Resp:	51141
Ion Ratio	Lower	Upper	
264	100		
260	25.6	18.7	28.1
265	21.4	17.8	26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.472 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

Tgt Ion:	276	Resp:	638
Ion Ratio	Lower	Upper	
276	100		
138	68.2	16.2	24.2#
277	0.0	20.1	30.1#

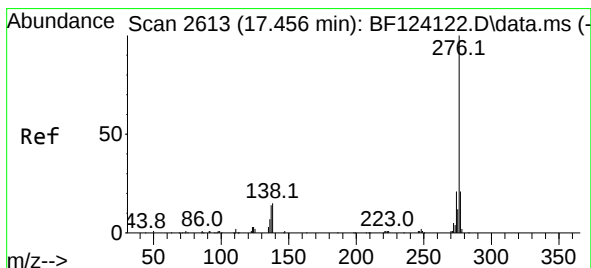
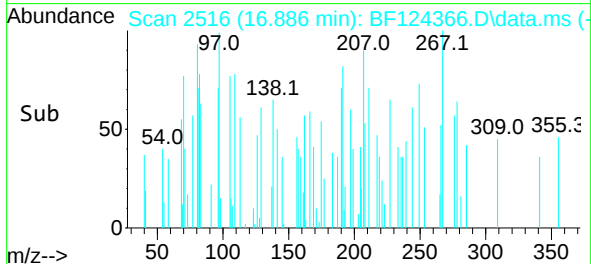
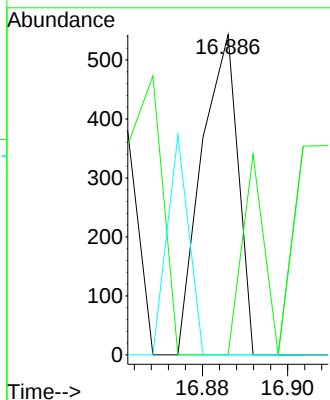
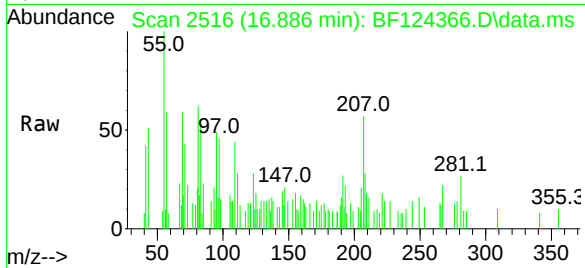




#91
Dibenzo(a,h)anthracene
Concen: 4.256 ng
RT: 16.886 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

Instrument :
BNA_F
ClientSampleId :
AU-06-061421

Tgt Ion:278 Resp: 322
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: 3.966 ng
RT: 17.310 min Scan# 2588
Delta R.T. -0.006 min
Lab File: BF124366.D
Acq: 17 Jun 2021 16:50

Tgt Ion:276 Resp: 620
Ion Ratio Lower Upper
276 100
277 81.2 18.2 27.2#
138 0.0 13.8 20.6#

