

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
 Data File : BF124206.D
 Acq On : 9 Jun 2021 13:25
 Operator : JU/CG
 Sample : PB136824BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136824BL

Quant Time: Jun 09 14:35:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 09 14:34:04 2021
 Response via : Initial Calibration

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

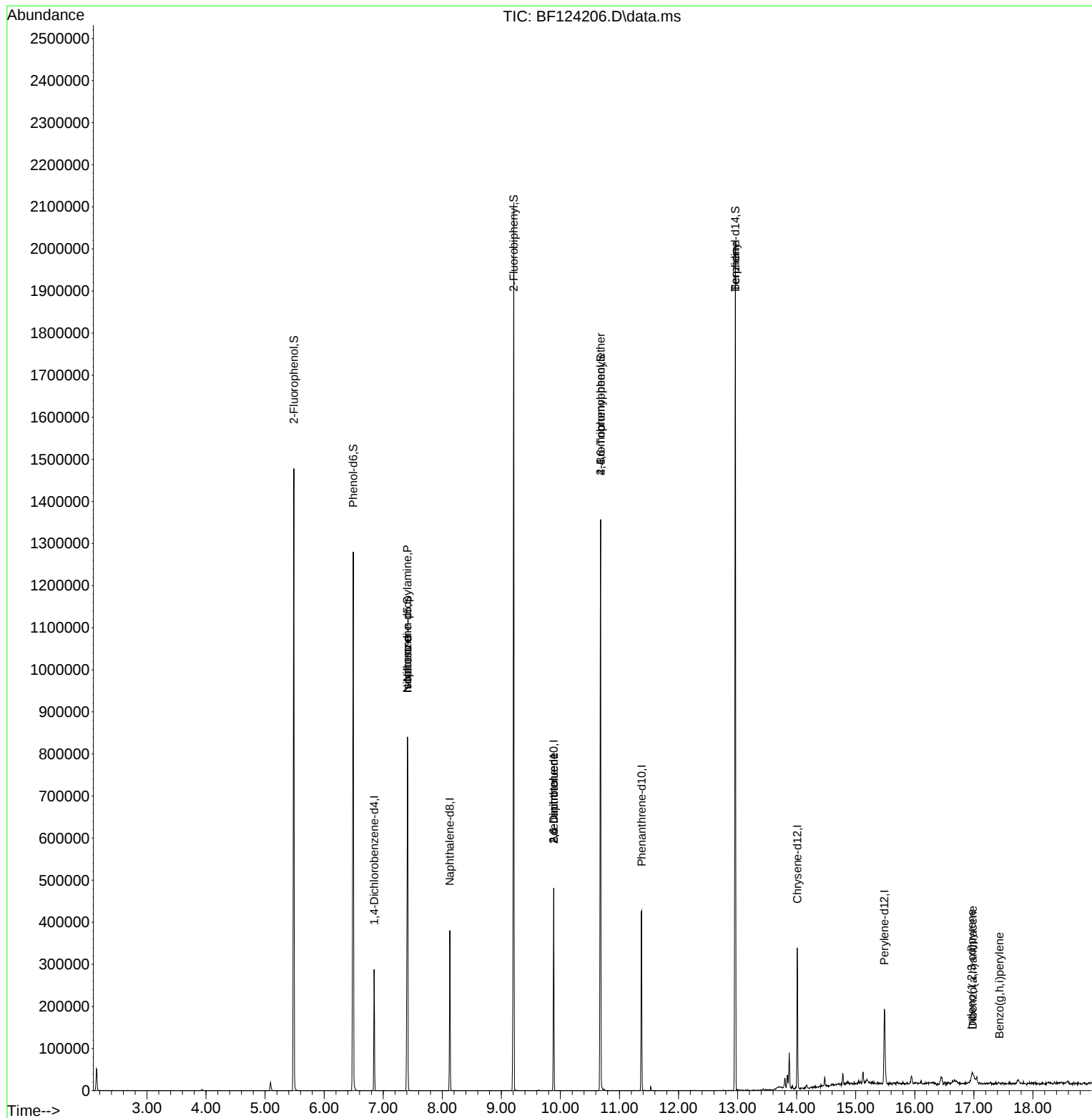
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	36426	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	140127	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	83200	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	152395	20.000	ng	0.00
76) Chrysene-d12	14.010	240	101539	20.000	ng	-0.01
86) Perylene-d12	15.486	264	74962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	308777	127.605	ng	0.00
7) Phenol-d6	6.493	99	384061	118.080	ng	0.00
23) Nitrobenzene-d5	7.410	82	288786	81.737	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	140722	119.383	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	553920	83.778	ng	0.00
79) Terphenyl-d14	12.963	244	621996	84.103	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	43377	18.892	ng	# 68
25) Isophorone	7.410	82	288782	45.358	ng	# 69
51) 2,6-Dinitrotoluene	9.886	165	11151	7.065	ng	# 11
57) 2,4-Dinitrotoluene	9.886	165	11151	5.357	ng	# 16
67) 4-Bromophenyl-phenylether	10.681	248	10109	4.833	ng	# 1
77) Benzidine	12.963	184	10983	8.309	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.962	276	2654	4.722	ng	# 67
91) Dibenzo(a,h)anthracene	16.980	278	2024	4.522	ng	# 57
92) Benzo(g,h,i)perylene	17.433	276	2682	4.277	ng	# 56

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

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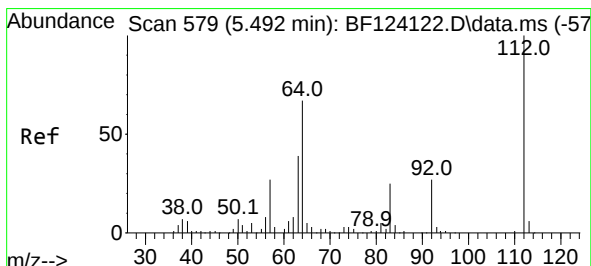
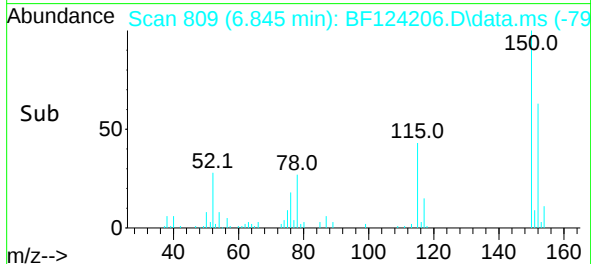
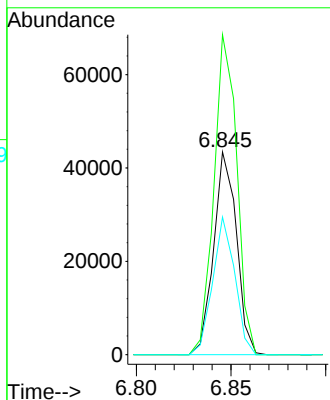
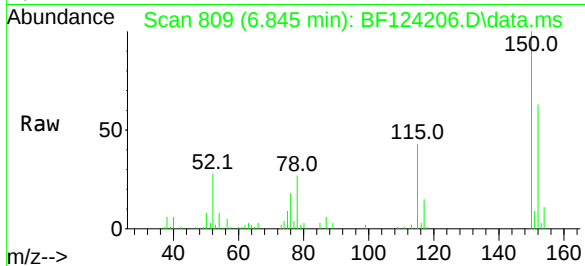




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

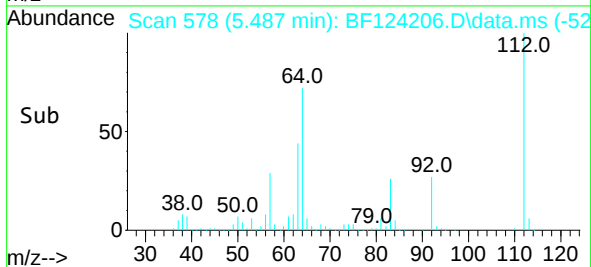
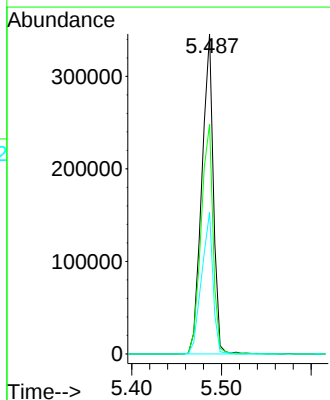
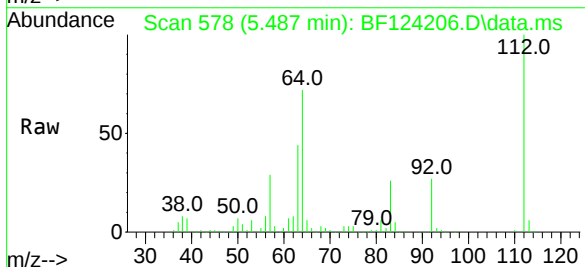
Instrument :
BNA_F
ClientSampleId :
PB136824BL

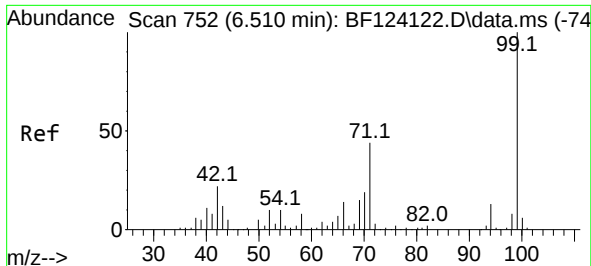
Tgt Ion:152 Resp: 36426
Ion Ratio Lower Upper
152 100
150 157.8 127.0 190.6
115 67.9 54.3 81.5



#5
2-Fluorophenol
Concen: 127.605 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

Tgt Ion:112 Resp: 308777
Ion Ratio Lower Upper
112 100
64 71.8 61.4 92.0
63 44.3 33.0 49.4

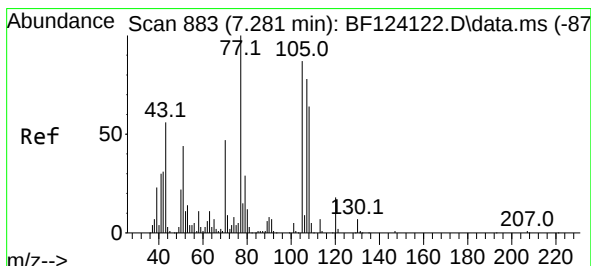
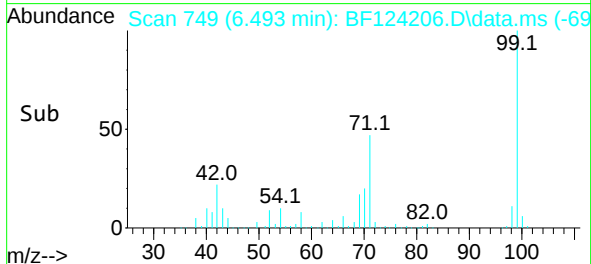
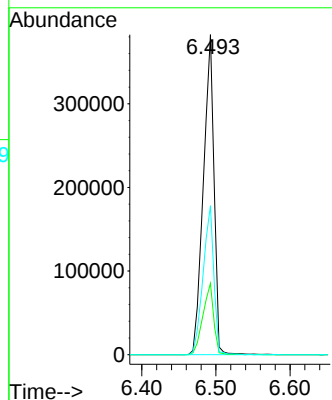
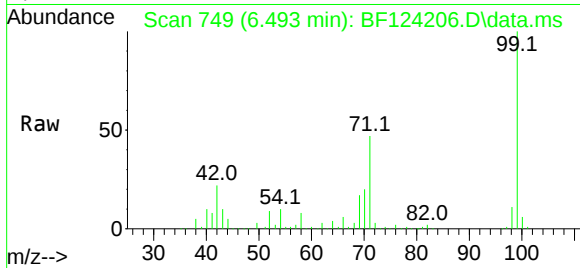




#7
Phenol-d6
Concen: 118.080 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

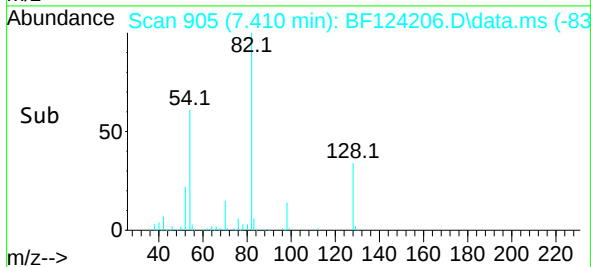
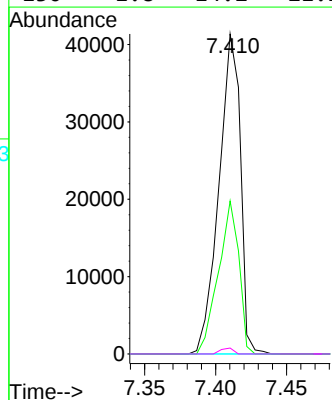
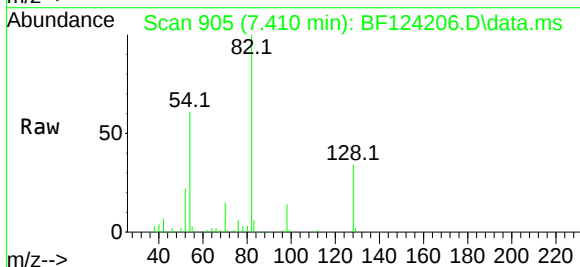
Instrument :
BNA_F
ClientSampleId :
PB136824BL

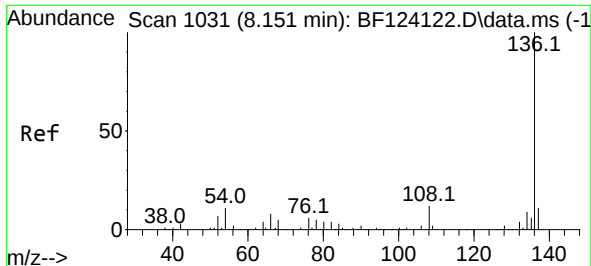
Tgt Ion: 99 Resp: 384061
Ion Ratio Lower Upper
99 100
42 22.3 19.8 29.8
71 46.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.892 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

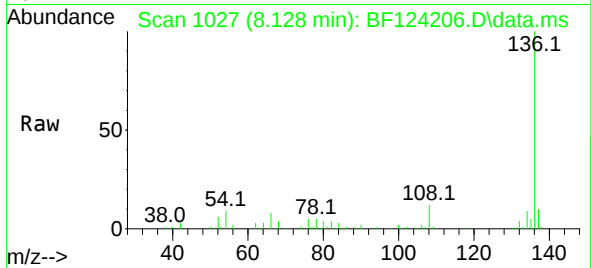
Tgt Ion: 70 Resp: 43377
Ion Ratio Lower Upper
70 100
42 47.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



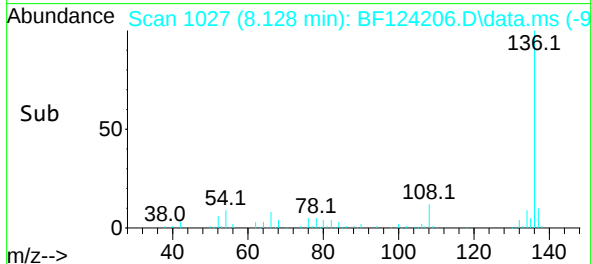
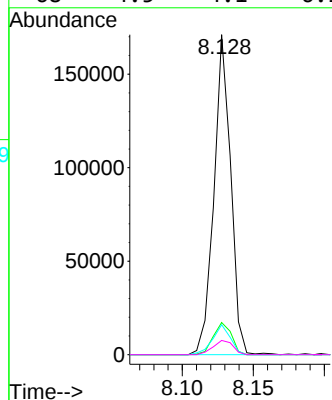


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

Instrument :
BNA_F
ClientSampleId :
PB136824BL

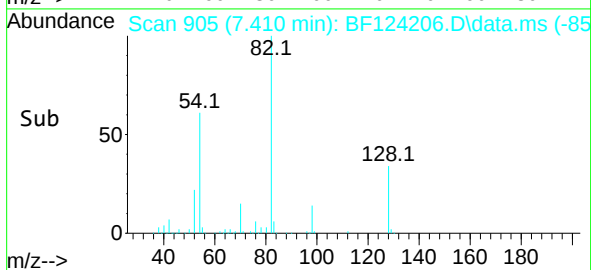
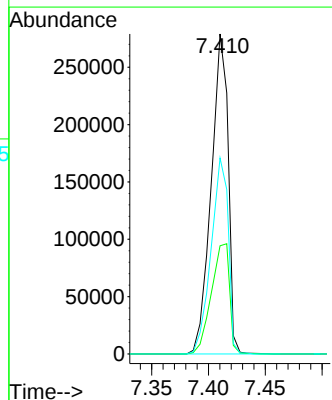
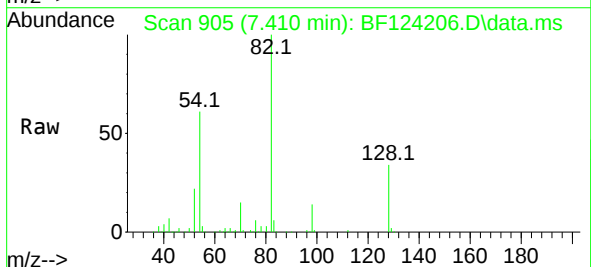


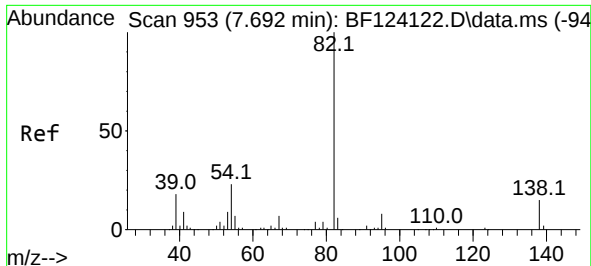
Tgt Ion:	136	Resp:	140127
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.7	13.1
54	9.3	9.8	14.6#
68	4.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 81.737 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

Tgt Ion:	82	Resp:	288786
Ion Ratio	Lower	Upper	
82	100		
128	33.8	29.4	44.2
54	61.2	54.1	81.1

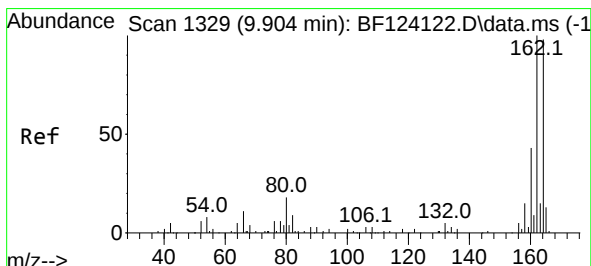
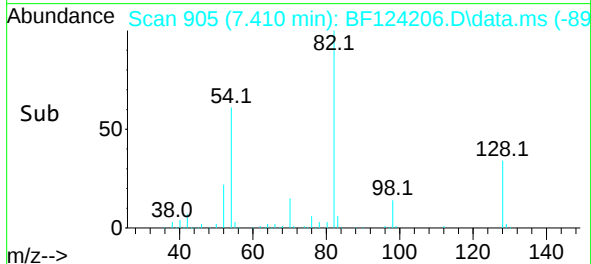
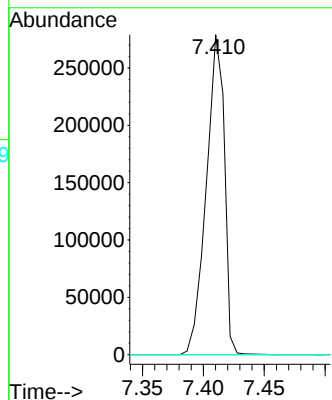
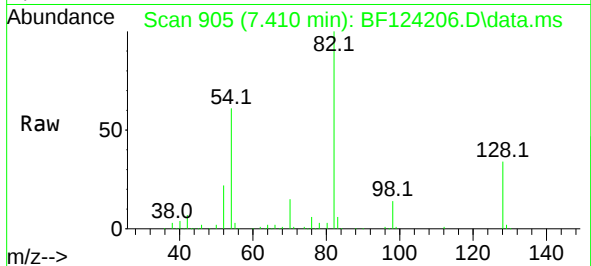




#25
Isophorone
Concen: 45.358 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.264 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

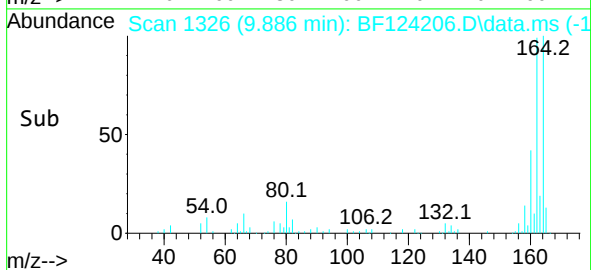
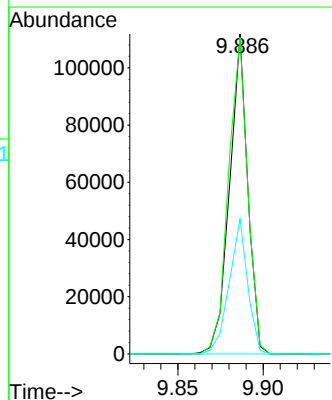
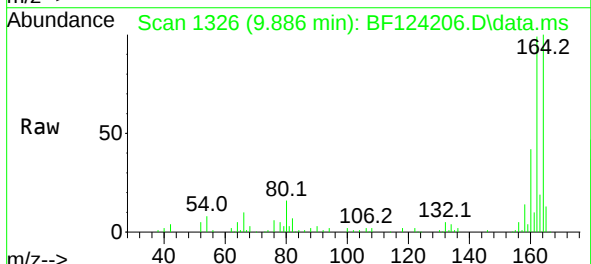
Instrument :
BNA_F
ClientSampleId :
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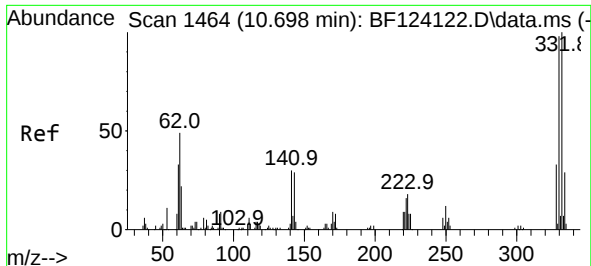
Tgt Ion: 82 Resp: 288782
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

Tgt Ion: 164 Resp: 83200
Ion Ratio Lower Upper
164 100
162 98.9 80.7 121.1
160 42.1 37.3 55.9

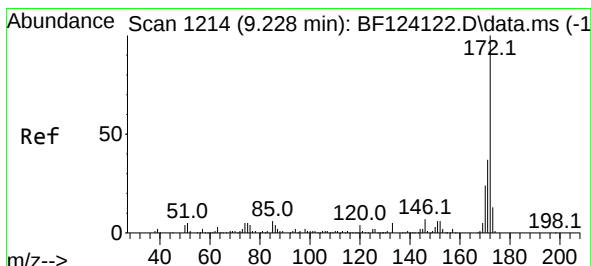
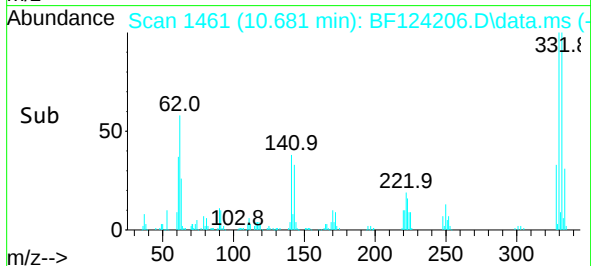
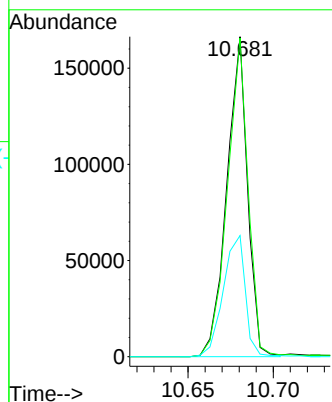
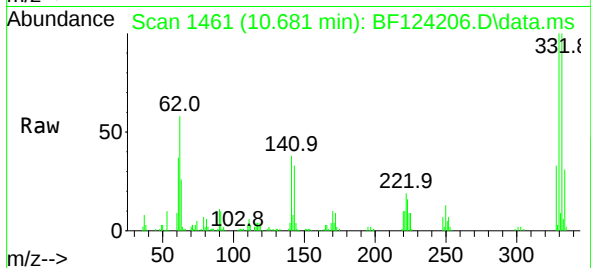




#42
2,4,6-Tribromophenol
Concen: 119.383 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

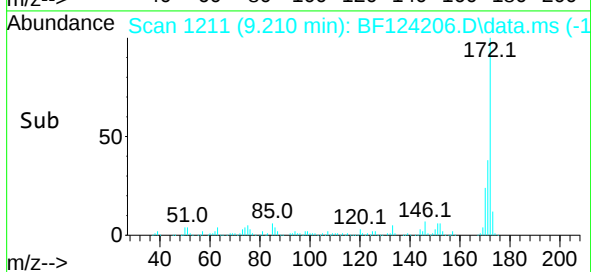
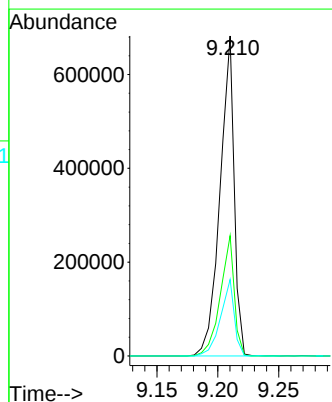
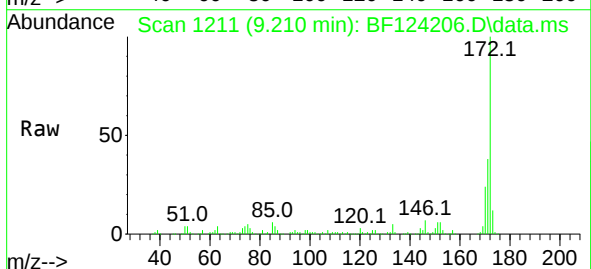
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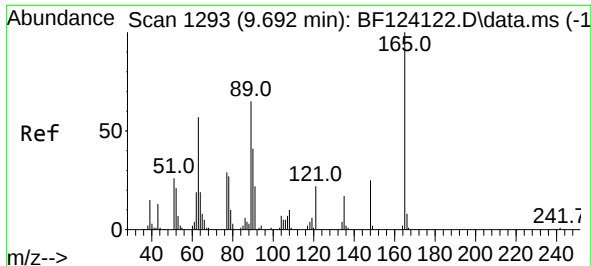
Tgt Ion:330 Resp: 140722
Ion Ratio Lower Upper
330 100
332 100.6 77.1 115.7
141 40.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 83.778 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

Tgt Ion:172 Resp: 553920
Ion Ratio Lower Upper
172 100
171 37.6 28.1 42.1
170 23.9 19.2 28.8

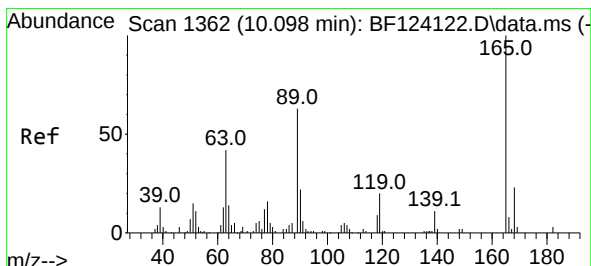
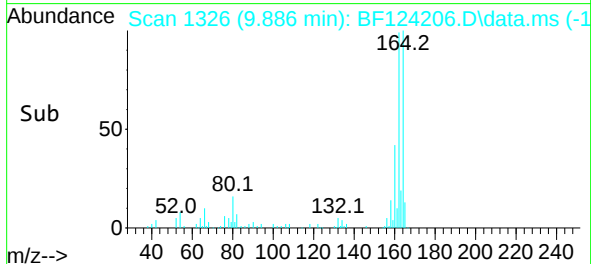
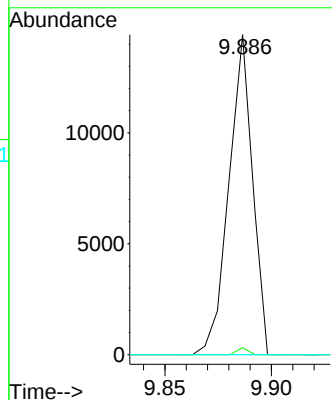
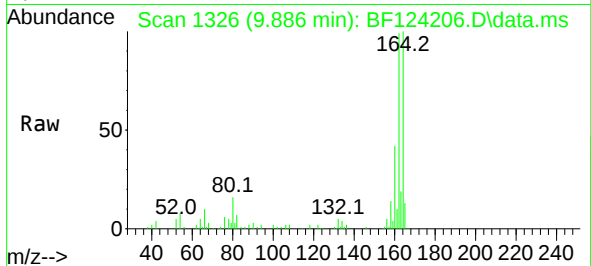




#51
2,6-Dinitrotoluene
Concen: 7.065 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

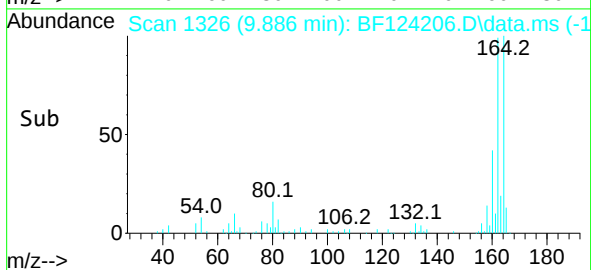
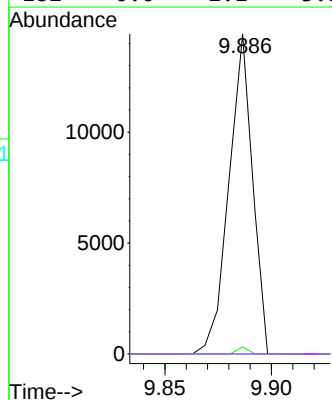
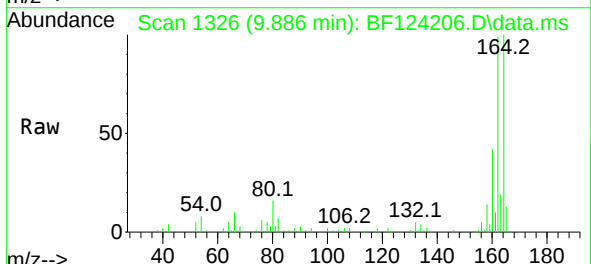
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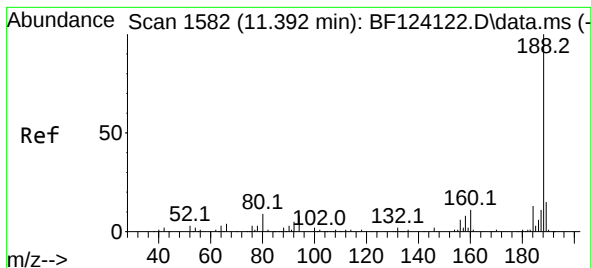
Tgt Ion:165 Resp: 11151
Ion Ratio Lower Upper
165 100
63 2.2 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.357 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

Tgt Ion:165 Resp: 11151
Ion Ratio Lower Upper
165 100
63 2.2 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

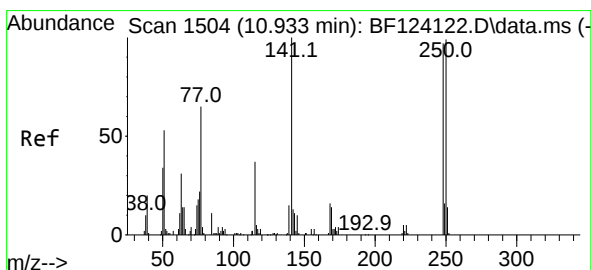
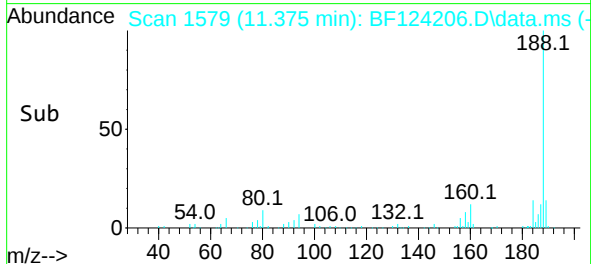
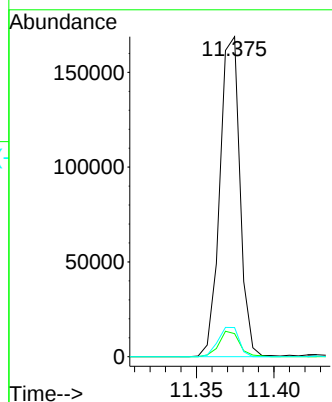
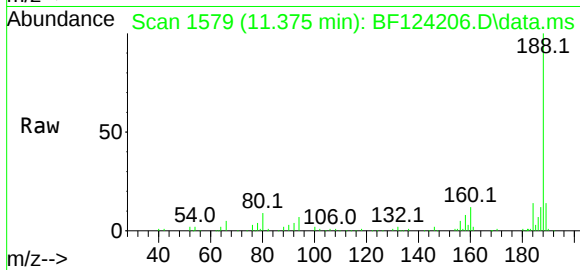




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

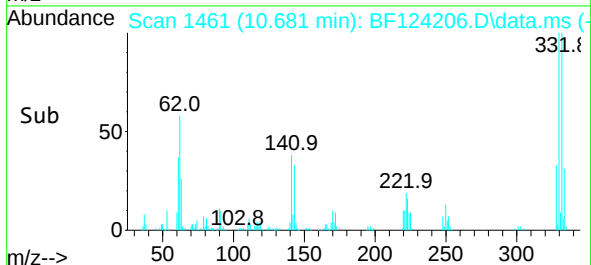
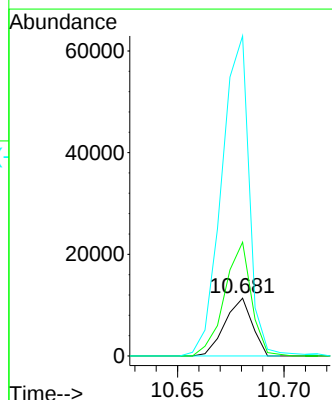
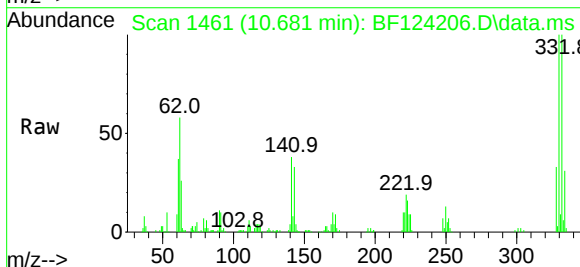
Instrument :
BNA_F
ClientSampleId :
PB136824BL

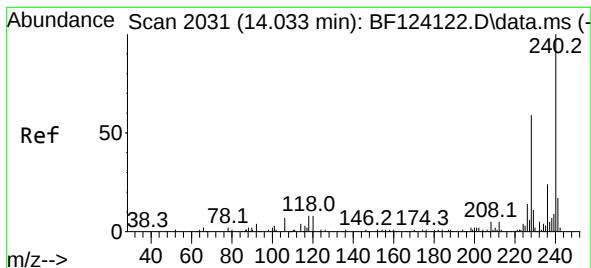
Tgt Ion:188 Resp: 152395
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 9.1 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.833 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

Tgt Ion:248 Resp: 10109
Ion Ratio Lower Upper
248 100
250 197.1 77.4 116.2#
141 554.5 63.7 95.5#

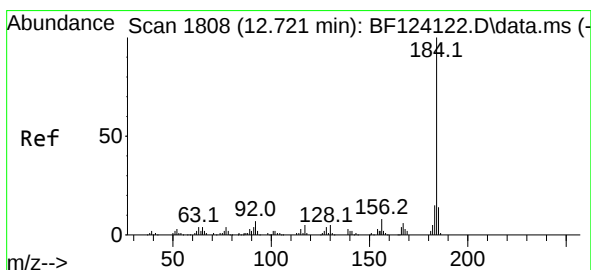
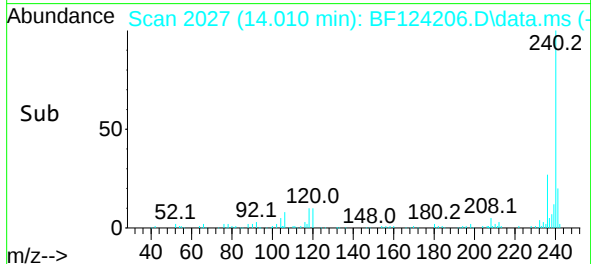
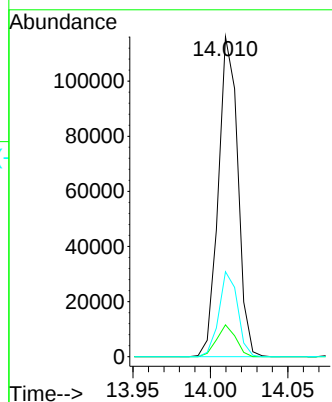
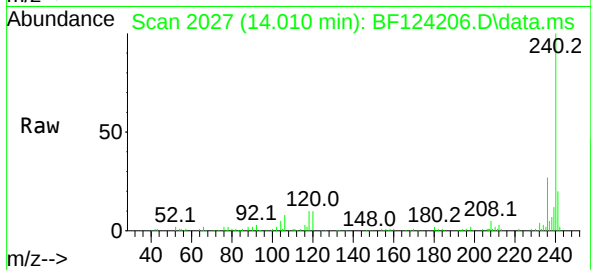




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

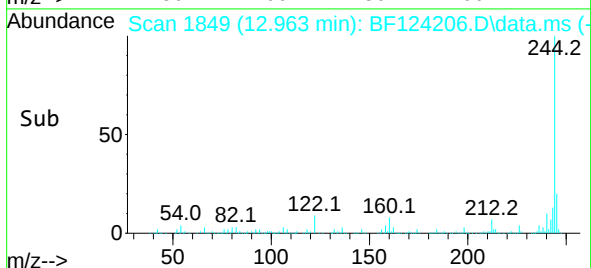
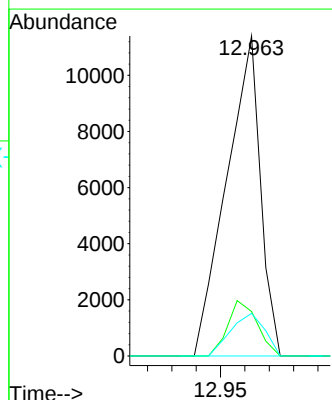
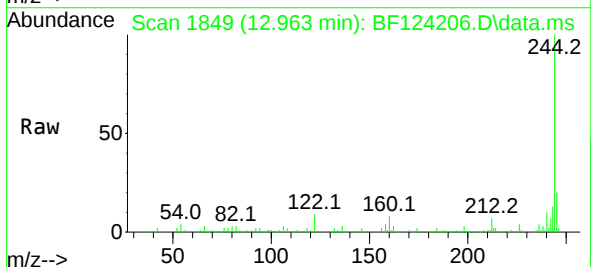
Instrument :
BNA_F
ClientSampleId :
PB136824BL

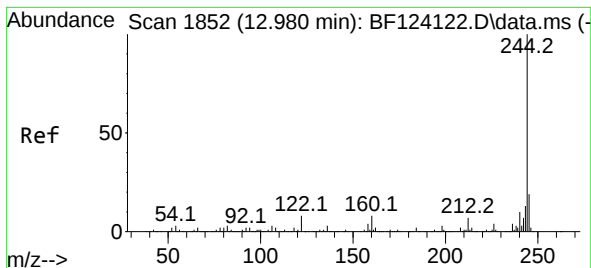
Tgt Ion:240 Resp: 101539
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.6 19.0 28.4



#77
Benzidine
Concen: 8.309 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.253 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

Tgt Ion:184 Resp: 10983
Ion Ratio Lower Upper
184 100
185 13.9 12.1 18.1
183 13.3 7.8 11.8#





#79

Terphenyl-d14

Concen: 84.103 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF124206.D

Acq: 9 Jun 2021 13:25

Tgt Ion:244 Resp: 621996

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

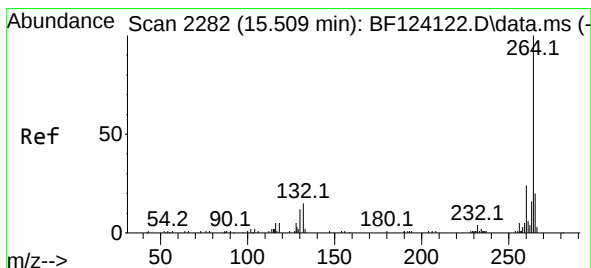
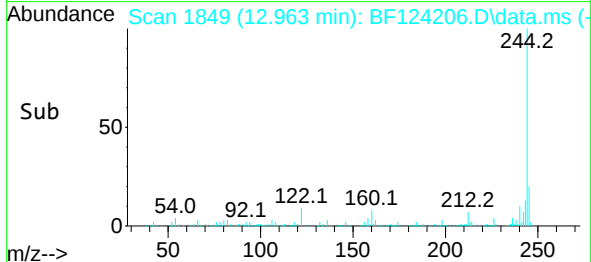
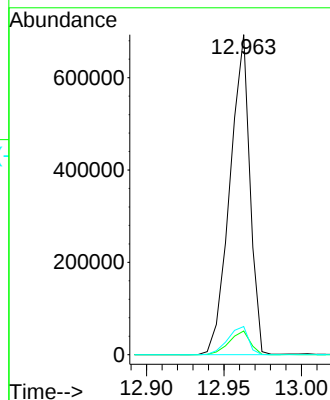
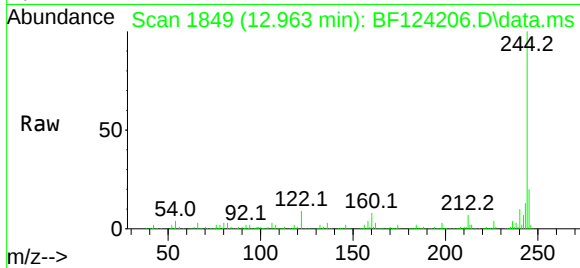
122 8.8 9.7 14.5#

Instrument :

BNA_F

ClientSampleId :

PB136824BL



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF124206.D

Acq: 9 Jun 2021 13:25

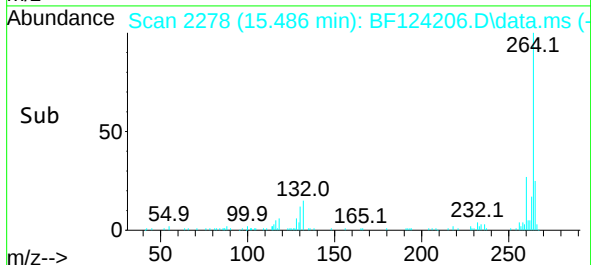
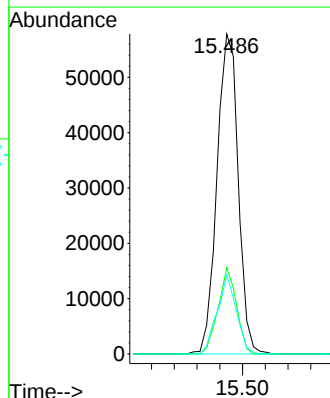
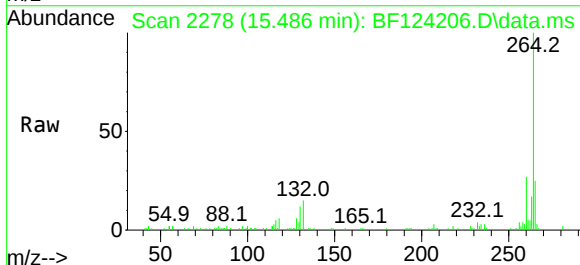
Tgt Ion:264 Resp: 74962

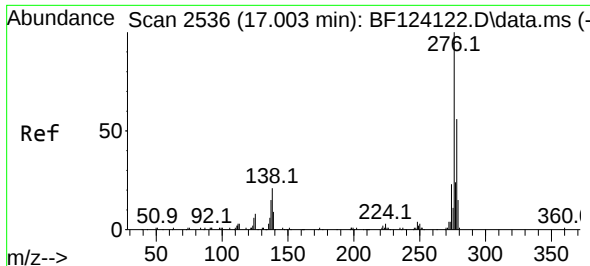
Ion Ratio Lower Upper

264 100

260 27.0 18.7 28.1

265 24.7 17.8 26.8

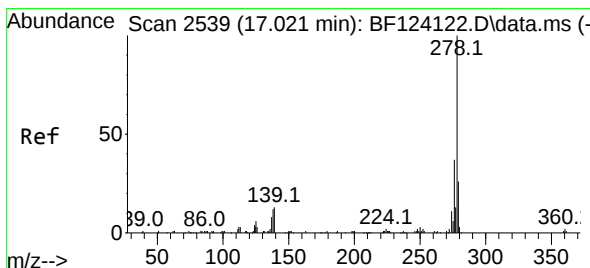
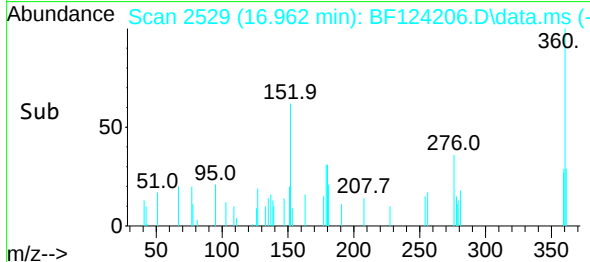
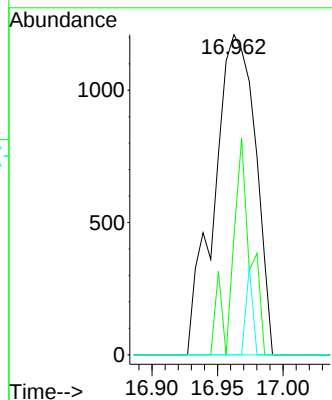
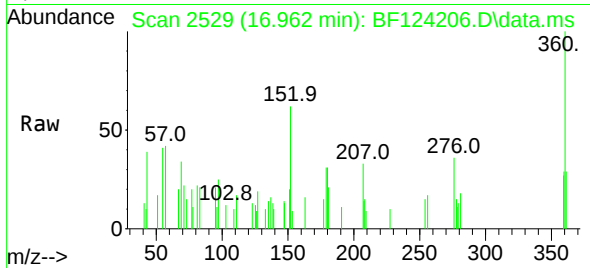




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.722 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.017 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

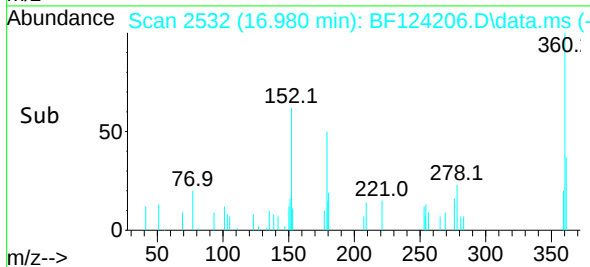
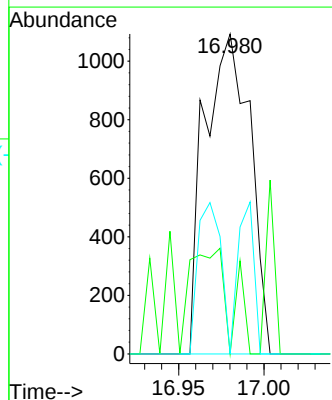
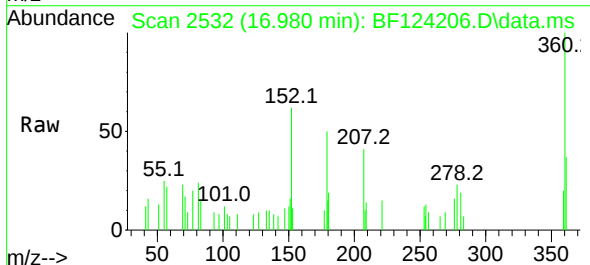
Instrument :
BNA_F
ClientSampleId :
PB136824BL

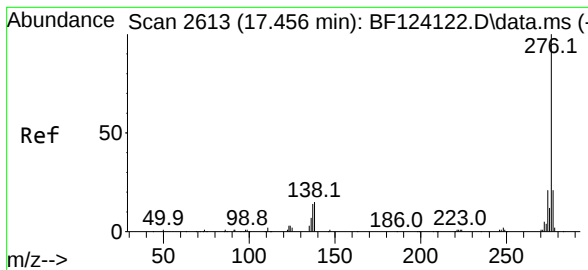
Tgt Ion:276 Resp: 2654
Ion Ratio Lower Upper
276 100
138 30.4 16.2 24.2#
277 4.4 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.522 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.012 min
Lab File: BF124206.D
Acq: 9 Jun 2021 13:25

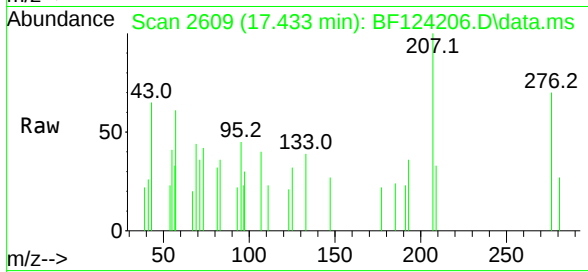
Tgt Ion:278 Resp: 2024
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 0.0 19.4 29.0#





#92
 Benzo(g,h,i)perylene
 Concen: 4.277 ng
 RT: 17.433 min Scan# 2609
 Delta R.T. 0.000 min
 Lab File: BF124206.D
 Acq: 9 Jun 2021 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB136824BL



Tgt Ion: 276 Resp: 2682
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.2 27.2#
 138 0.0 13.8 20.6#

