

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124409.D
 Acq On : 22 Jun 2021 13:23
 Operator : JU/CG
 Sample : PB137244TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137244TB

Quant Time: Jun 22 18:45:06 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)

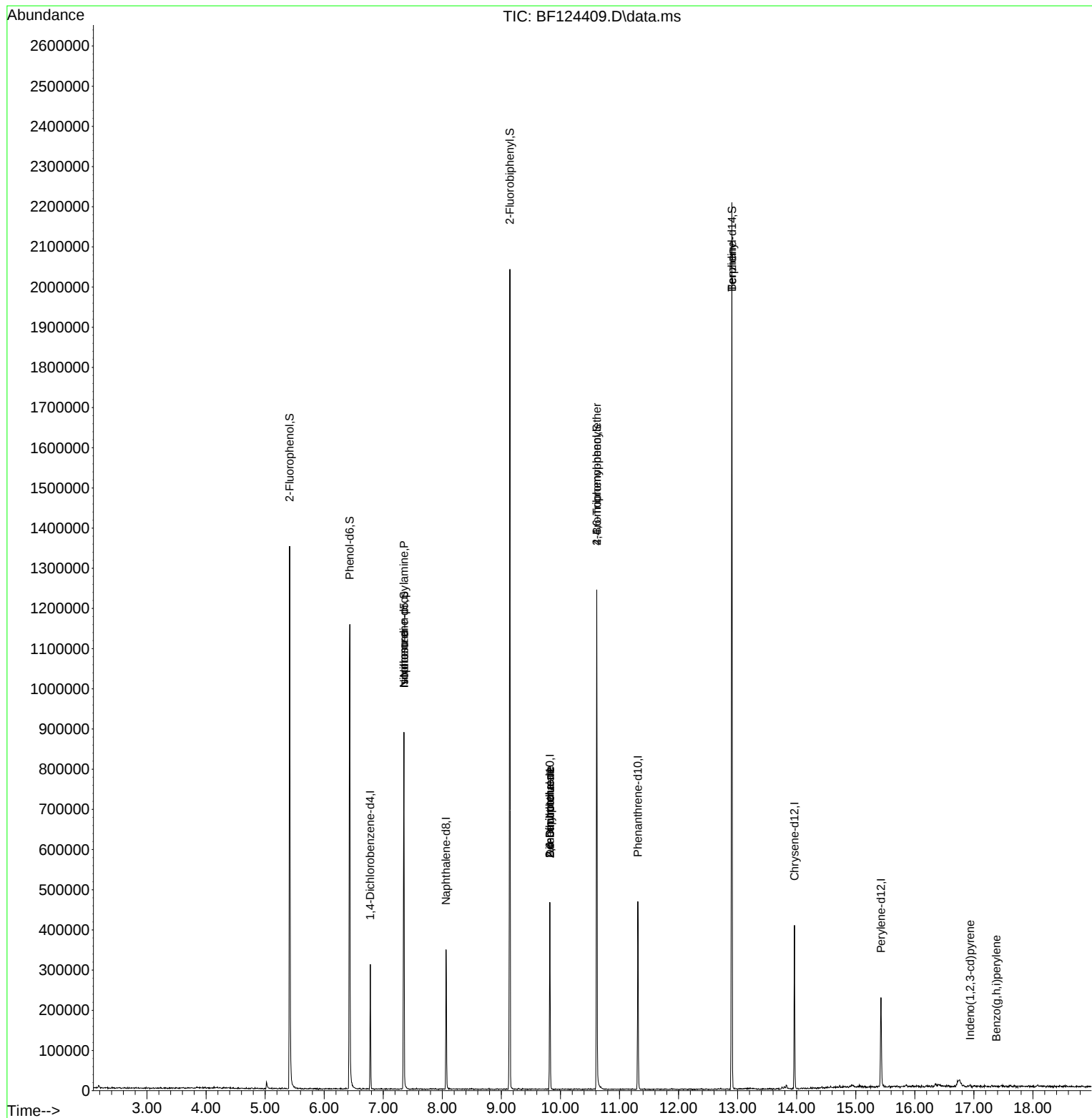
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	38849	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	142645	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	83526	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	156828	20.000	ng	0.00
76) Chrysene-d12	13.962	240	119377	20.000	ng	0.00
86) Perylene-d12	15.427	264	92009	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	301175	116.701	ng	0.00
7) Phenol-d6	6.434	99	366868	105.759	ng	-0.01
23) Nitrobenzene-d5	7.351	82	269149	74.835	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	131337	110.986	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	542029	81.660	ng	0.00
79) Terphenyl-d14	12.904	244	655890	75.434	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	38454	15.703	ng	# 61
25) Isophorone	7.351	82	269145	41.528	ng	# 69
50) Dimethylphthalate	9.822	163	15908	2.302	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	11364	7.172	ng	# 13
57) 2,4-Dinitrotoluene	9.822	165	11364	5.438	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	9064	4.211	ng	# 1
77) Benzidine	12.904	184	12388	8.137	ng	# 88
87) Indeno(1,2,3-cd)pyrene	16.939	276	129	4.351	ng	# 53
92) Benzo(g,h,i)perylene	17.380	276	239	3.841	ng	# 56

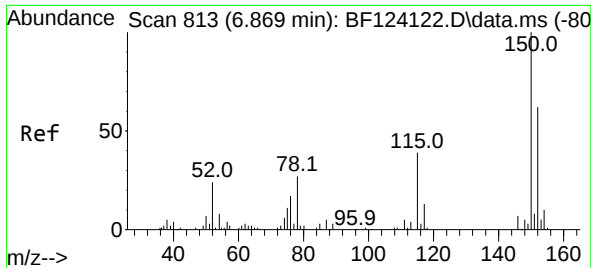
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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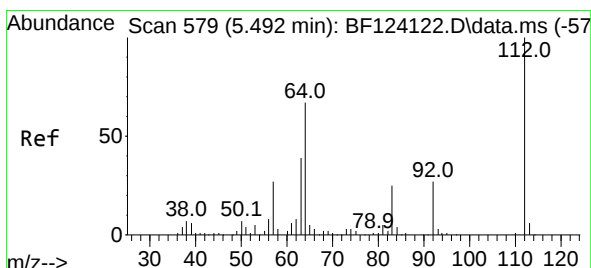
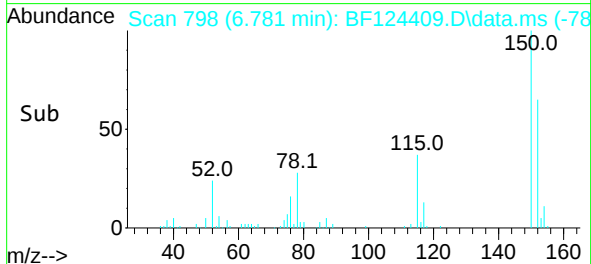
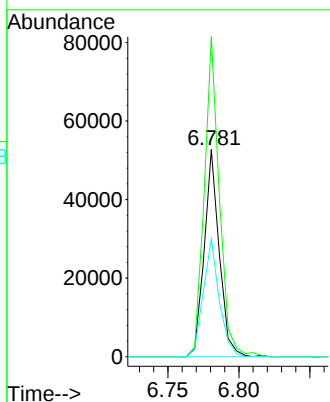
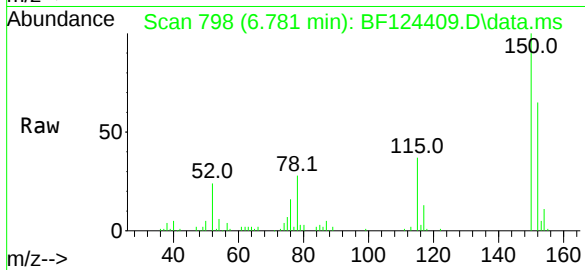




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

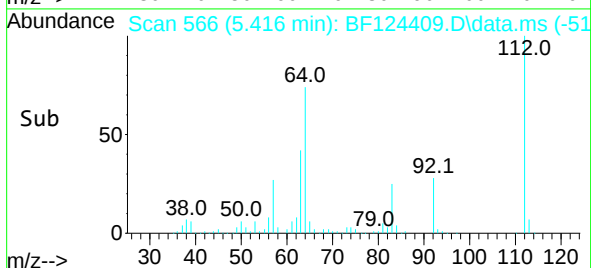
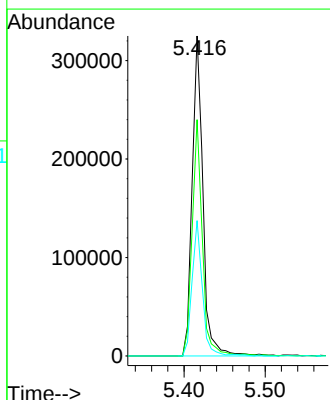
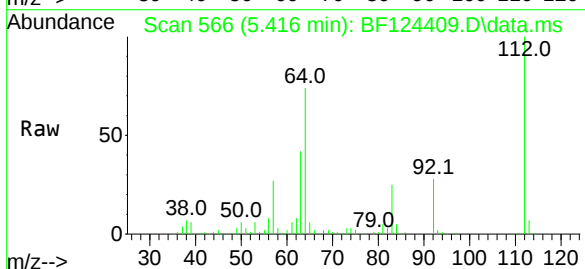
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BNA_F
ClientSampleId :
PB137244TB

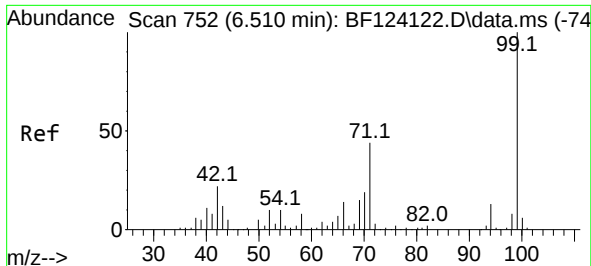
Tgt Ion:152 Resp: 38849
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 56.9 54.3 81.5



#5
2-Fluorophenol
Concen: 116.701 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

Tgt Ion:112 Resp: 301175
Ion Ratio Lower Upper
112 100
64 73.8 61.4 92.0
63 42.3 33.0 49.4

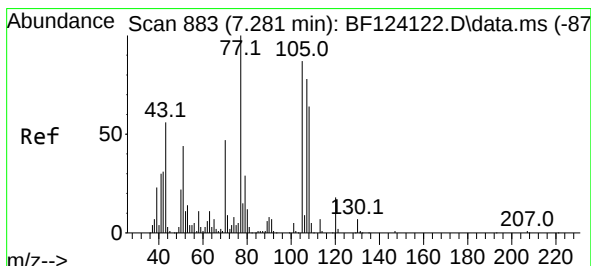
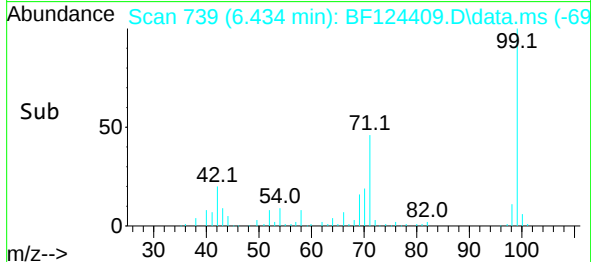
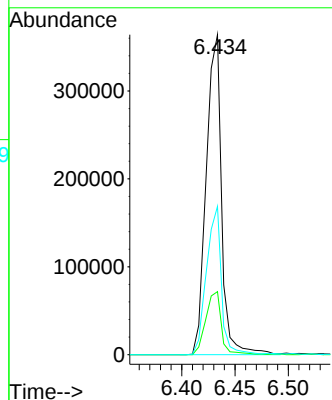
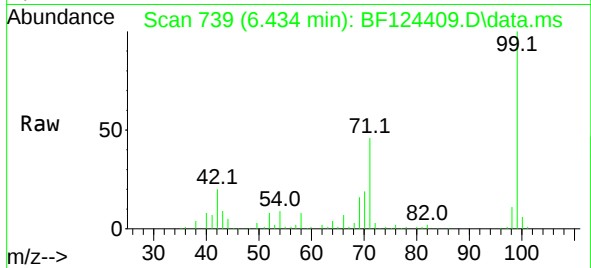




#7
Phenol-d6
Concen: 105.759 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

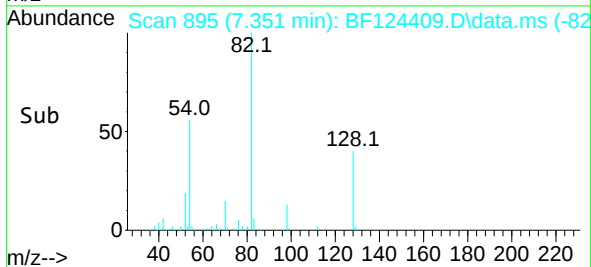
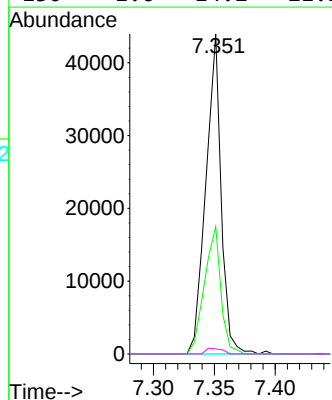
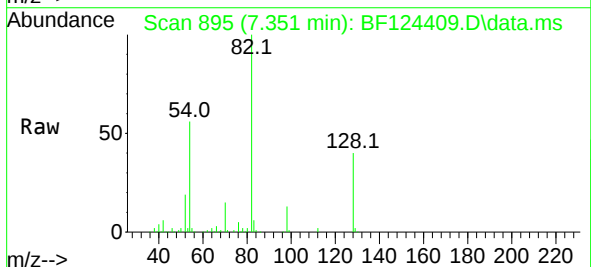
Instrument :
BNA_F
ClientSampleId :
PB137244TB

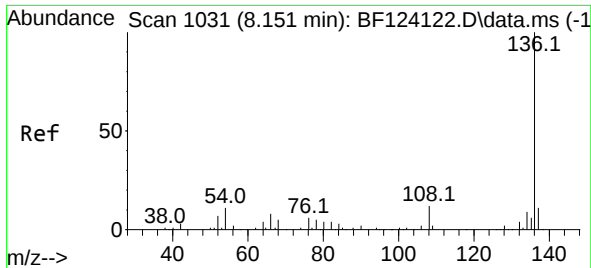
Tgt Ion: 99 Resp: 366868
Ion Ratio Lower Upper
99 100
42 19.7 19.8 29.8#
71 46.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.703 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

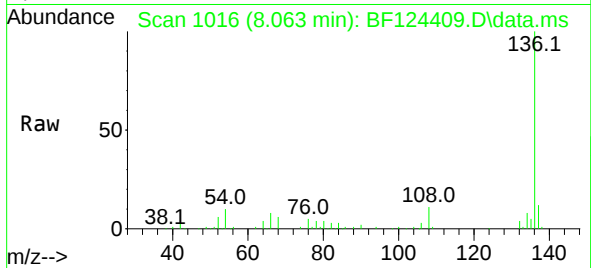
Tgt Ion: 70 Resp: 38454
Ion Ratio Lower Upper
70 100
42 39.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



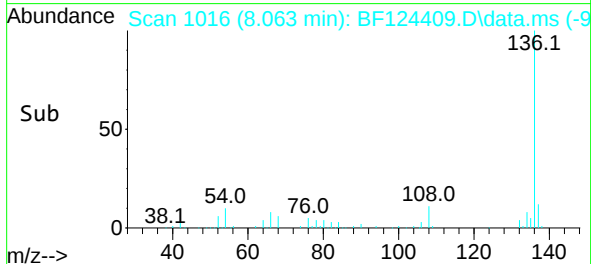
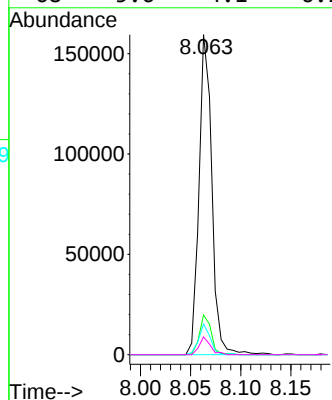


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

Instrument :
BNA_F
ClientSampleId :
PB137244TB

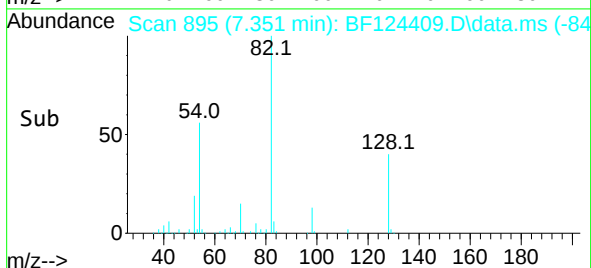
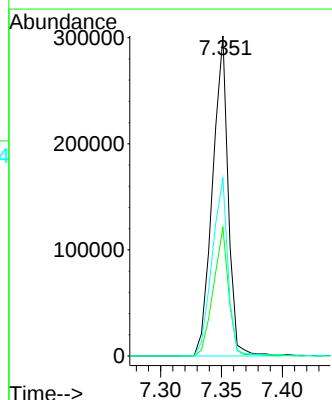
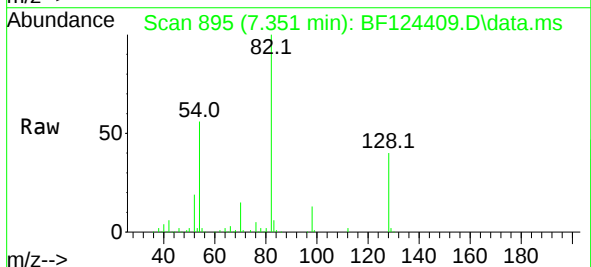


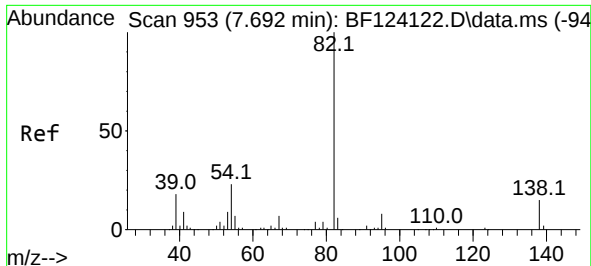
Tgt Ion:136	Resp: 142645
Ion Ratio	Lower Upper
136	100
137	12.4 8.7 13.1
54	9.6 9.8 14.6#
68	5.6 4.1 6.1



#23
Nitrobenzene-d5
Concen: 74.835 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

Tgt Ion: 82	Resp: 269149
Ion Ratio	Lower Upper
82	100
128	40.1 29.4 44.2
54	55.5 54.1 81.1

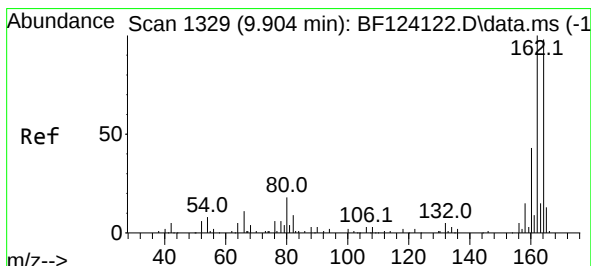
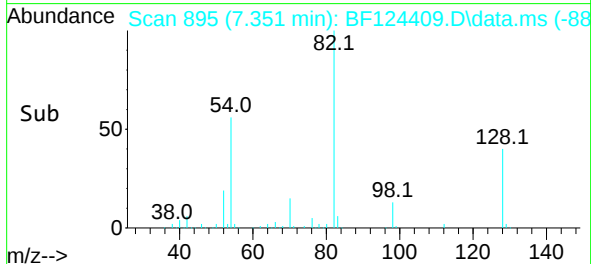
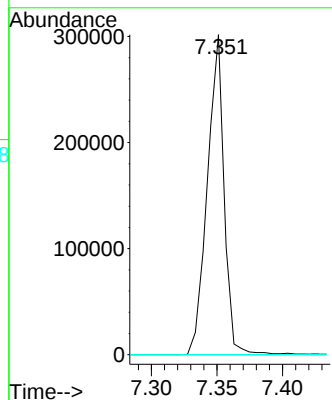
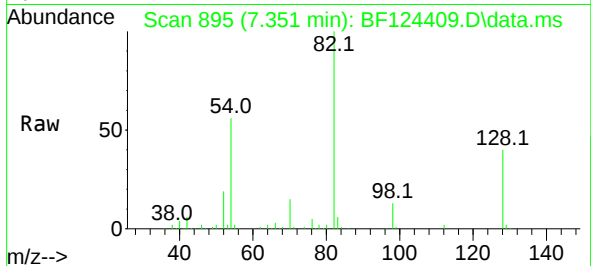




#25
Isophorone
Concen: 41.528 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

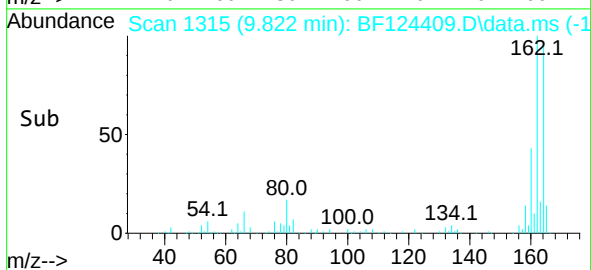
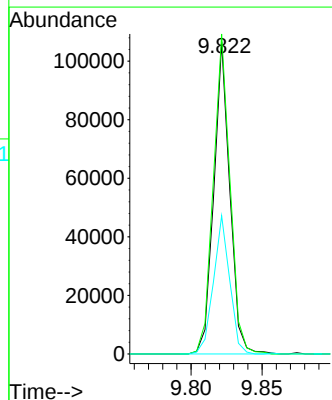
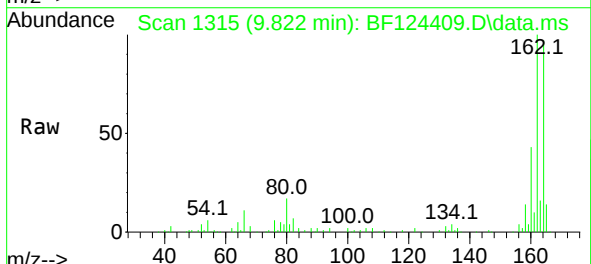
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BNA_F
ClientSampleId :
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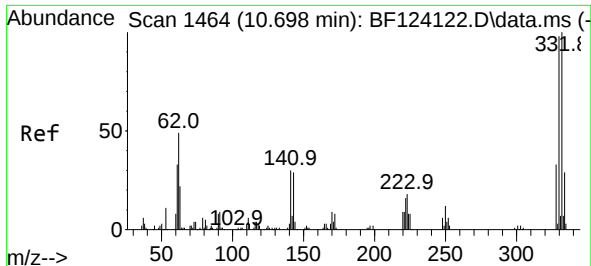
Tgt Ion: 82 Resp: 269145
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

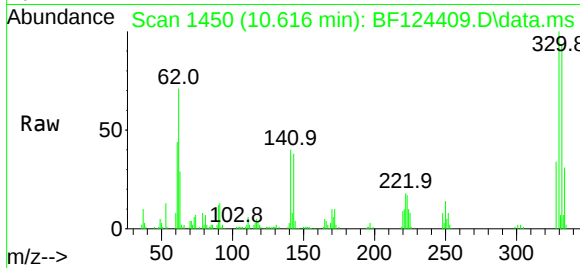
Tgt Ion: 164 Resp: 83526
Ion Ratio Lower Upper
164 100
162 102.6 80.7 121.1
160 44.3 37.3 55.9



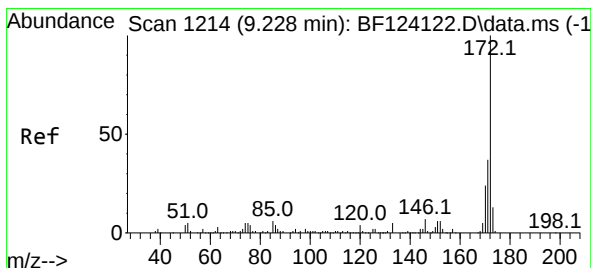
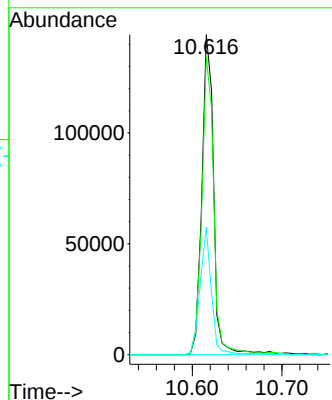
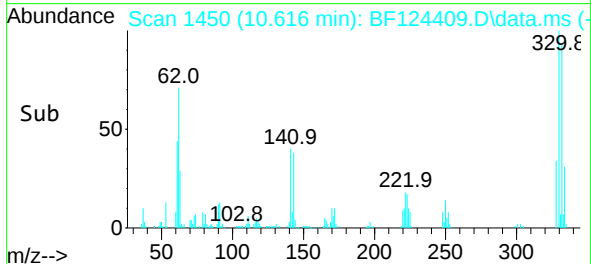


#42
2,4,6-Tribromophenol
Concen: 110.986 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

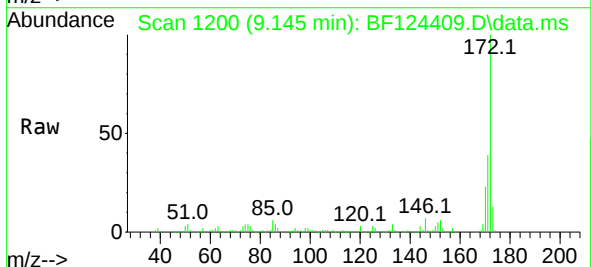
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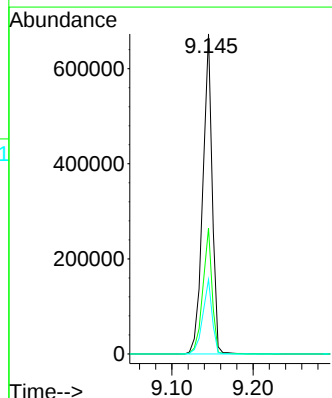
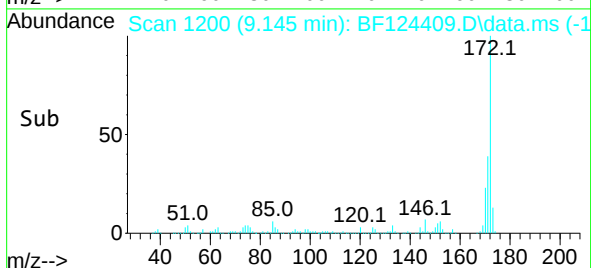
Tgt Ion:330 Resp: 131337
Ion Ratio Lower Upper
330 100
332 94.1 77.1 115.7
141 38.3 27.9 41.9

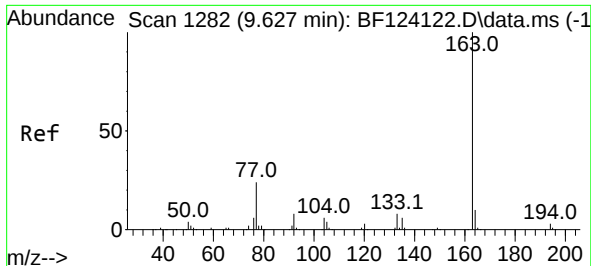


#45
2-Fluorobiphenyl
Concen: 81.660 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23



Tgt Ion:172 Resp: 542029
Ion Ratio Lower Upper
172 100
171 39.4 28.1 42.1
170 23.3 19.2 28.8

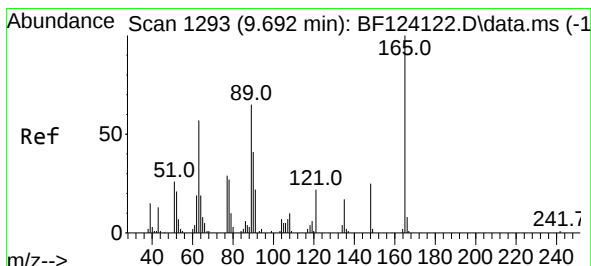
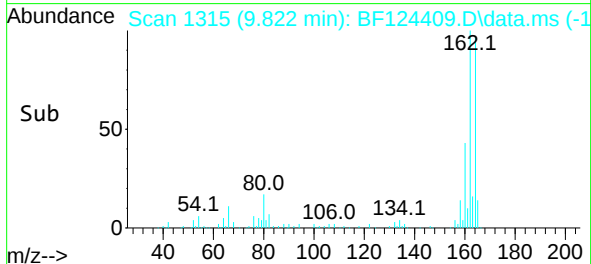
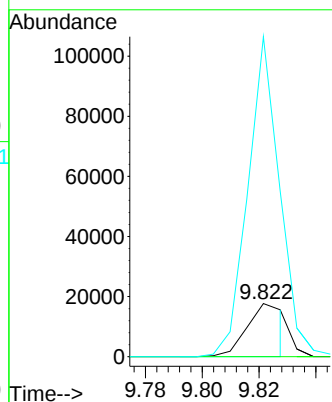
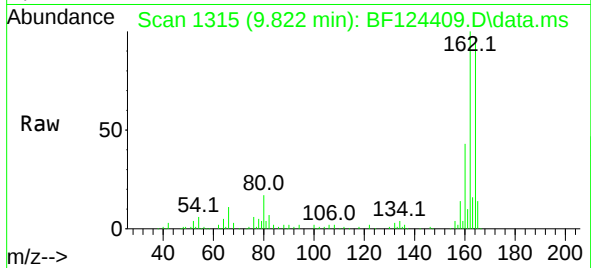




#50
Dimethylphthalate
Concen: 2.302 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

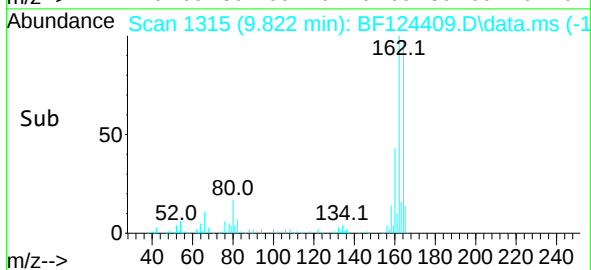
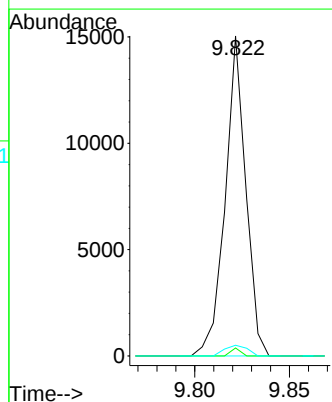
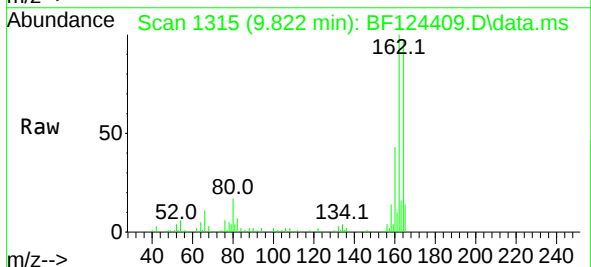
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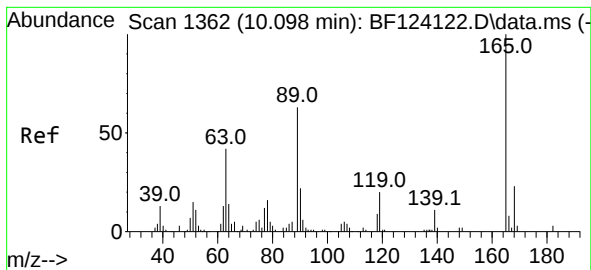
Tgt Ion:163 Resp: 15908
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 603.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.172 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

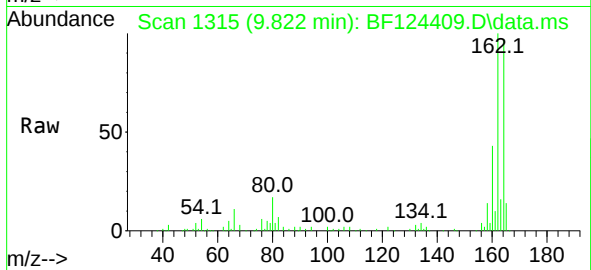
Tgt Ion:165 Resp: 11364
Ion Ratio Lower Upper
165 100
63 2.5 67.7 101.5#
89 3.4 58.8 88.2#



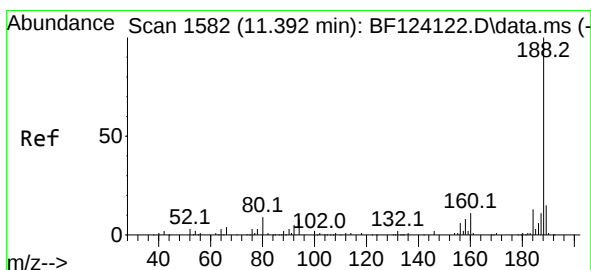
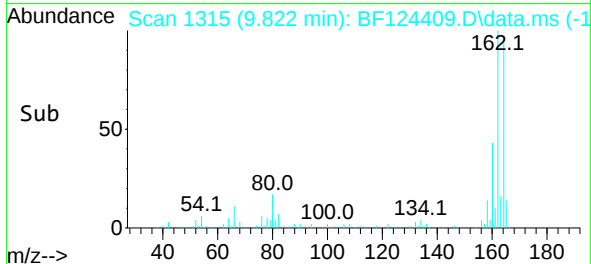
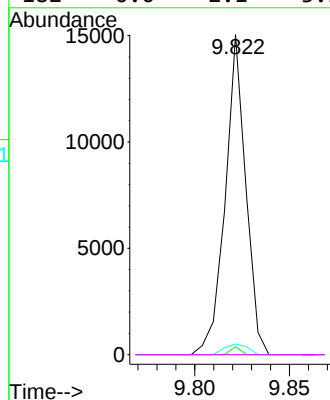


#57
2,4-Dinitrotoluene
Concen: 5.438 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

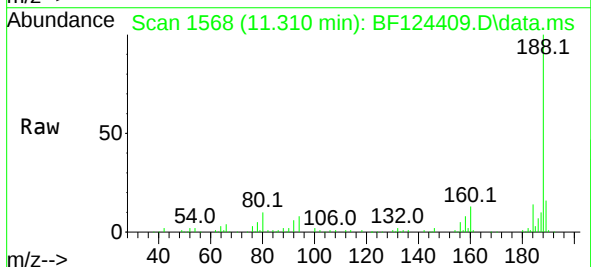
Instrument :
BNA_F
ClientSampleId :
PB137244TB



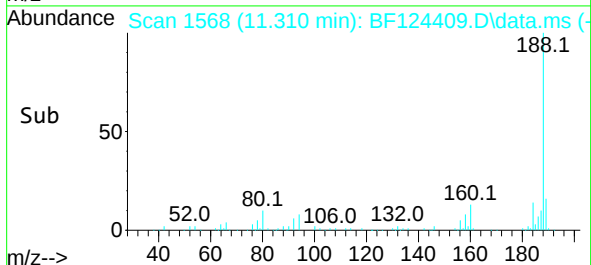
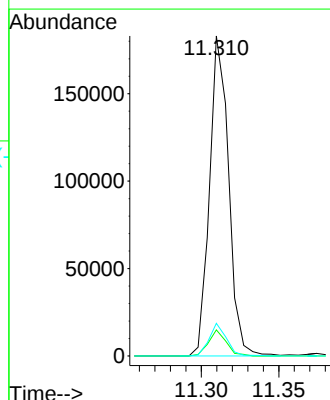
Tgt Ion:165 Resp: 11364
Ion Ratio Lower Upper
165 100
63 2.5 43.5 65.3#
89 3.4 67.7 101.5#
182 0.0 2.1 3.1#

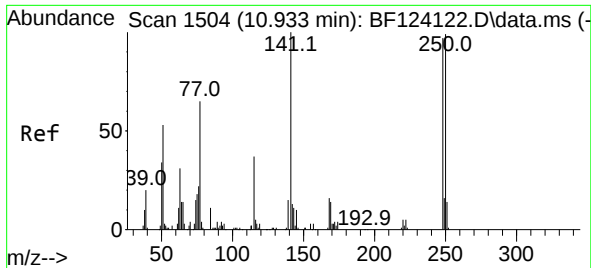


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23



Tgt Ion:188 Resp: 156828
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 10.2 8.2 12.2

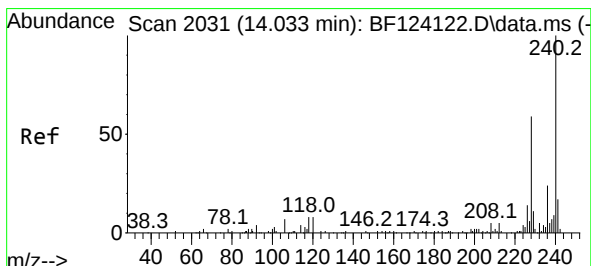
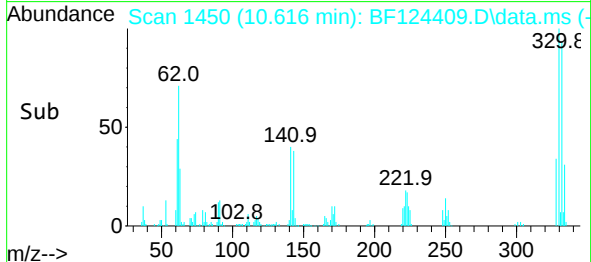
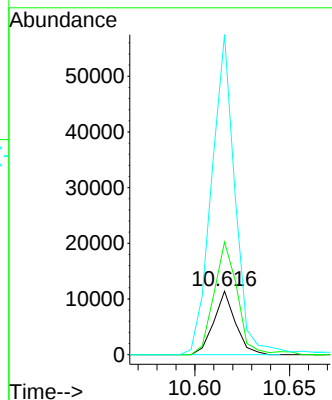
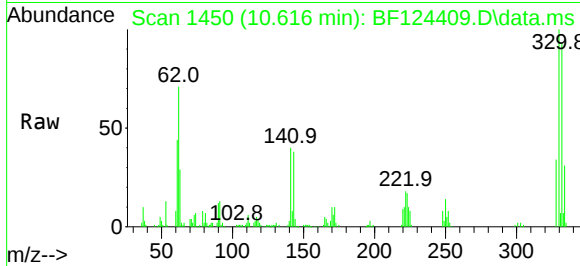




#67
4-Bromophenyl-phenylether
Concen: 4.211 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

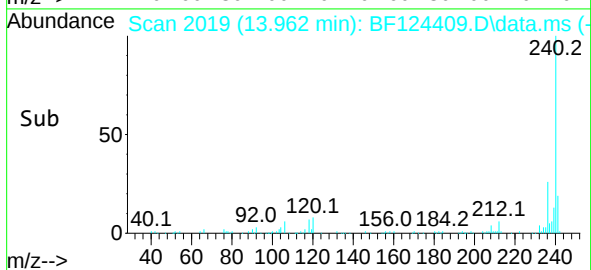
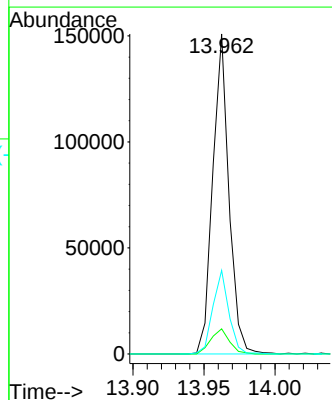
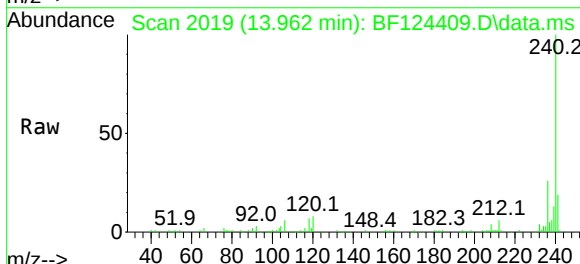
Instrument :
BNA_F
ClientSampleId :
PB137244TB

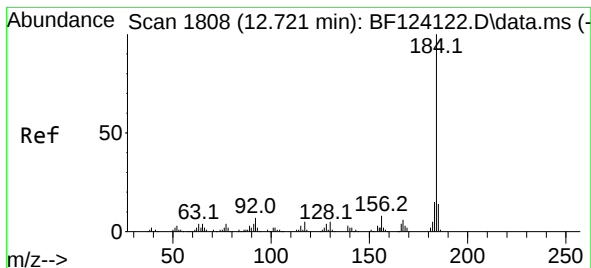
Tgt Ion:248 Resp: 9064
Ion Ratio Lower Upper
248 100
250 177.5 77.4 116.2#
141 504.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124409.D
Acq: 22 Jun 2021 13:23

Tgt Ion:240 Resp: 119377
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 26.1 19.0 28.4





#77

Benzidine

Concen: 8.137 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.206 min

Lab File: BF124409.D

Acq: 22 Jun 2021 13:23

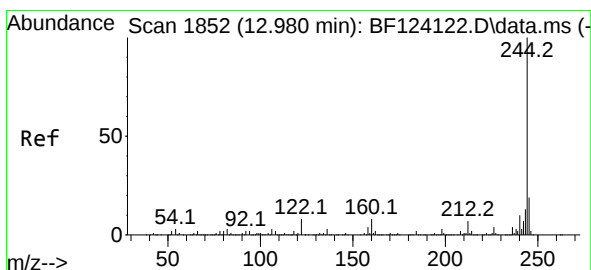
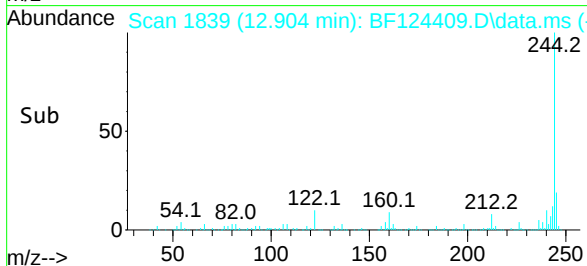
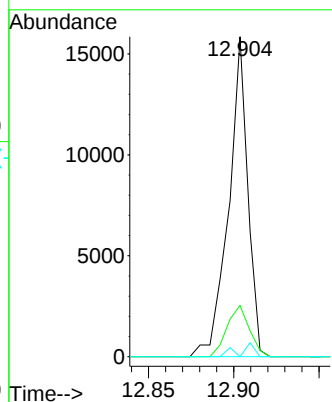
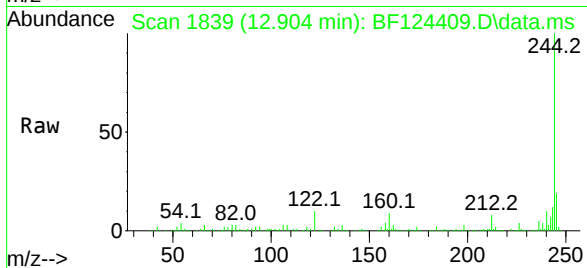
Tgt Ion:184 Resp: 12388

Ion Ratio Lower Upper

184 100

185 16.0 12.1 18.1

183 0.0 7.8 11.8#



#79

Terphenyl-d14

Concen: 75.434 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BF124409.D

Acq: 22 Jun 2021 13:23

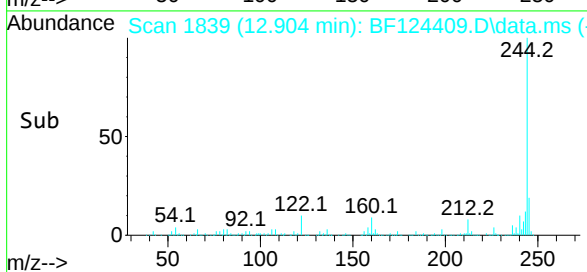
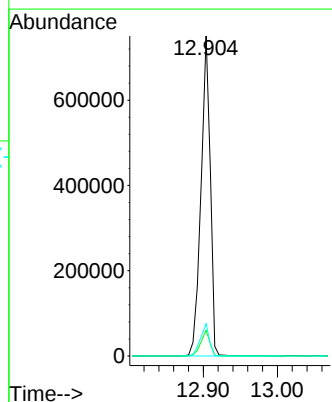
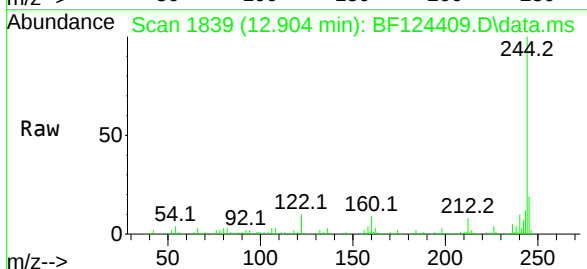
Tgt Ion:244 Resp: 655890

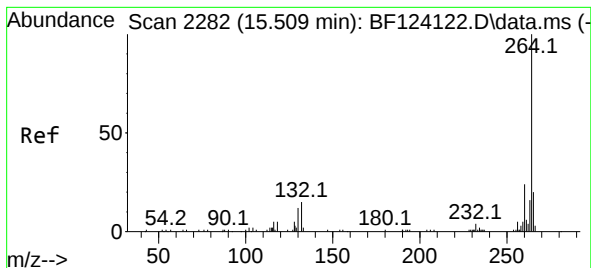
Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

122 10.1 9.7 14.5

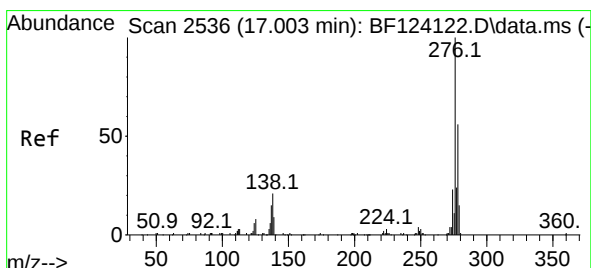
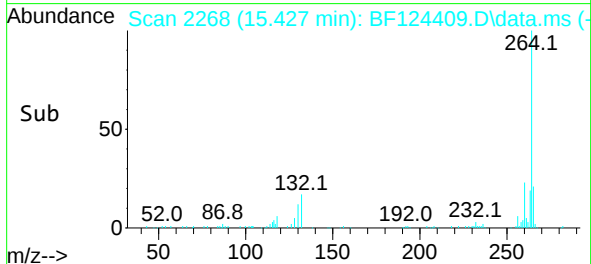
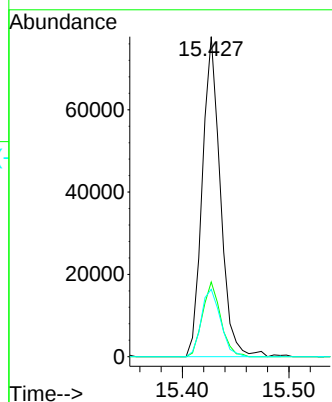
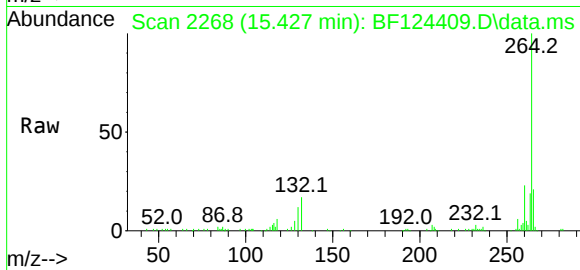




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.012 min
 Lab File: BF124409.D
 Acq: 22 Jun 2021 13:23

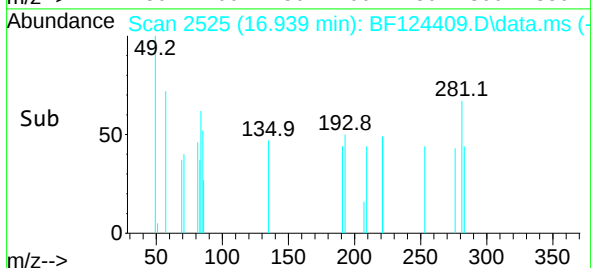
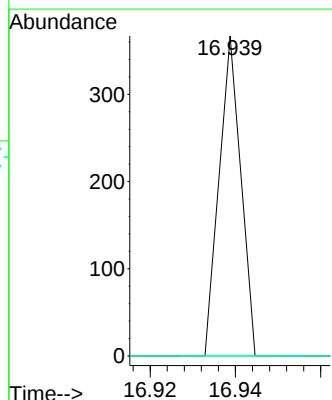
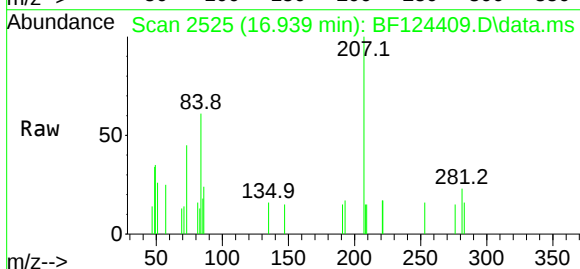
Instrument :
 BNA_F
 ClientSampleId :
 PB137244TB

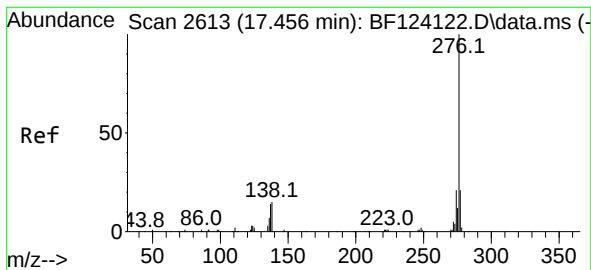
Tgt Ion:264 Resp: 92009
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.1 17.8 26.8



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.351 ng
 RT: 16.939 min Scan# 2525
 Delta R.T. 0.065 min
 Lab File: BF124409.D
 Acq: 22 Jun 2021 13:23

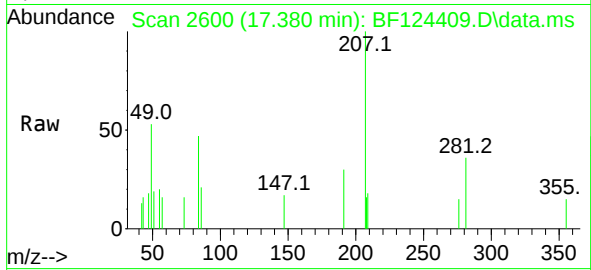
Tgt Ion:276 Resp: 129
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.2 24.2#
 277 0.0 20.1 30.1#





#92
 Benzo(g,h,i)perylene
 Concen: 3.841 ng
 RT: 17.380 min Scan# 2600
 Delta R.T. 0.065 min
 Lab File: BF124409.D
 Acq: 22 Jun 2021 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB137244TB



Tgt Ion:	276	Resp:	239
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.2	27.2#
138	0.0	13.8	20.6#

