

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124392.D
 Acq On : 21 Jun 2021 14:22
 Operator : JU/CG
 Sample : M2772-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12

Quant Time: Jun 21 15:18:47 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)

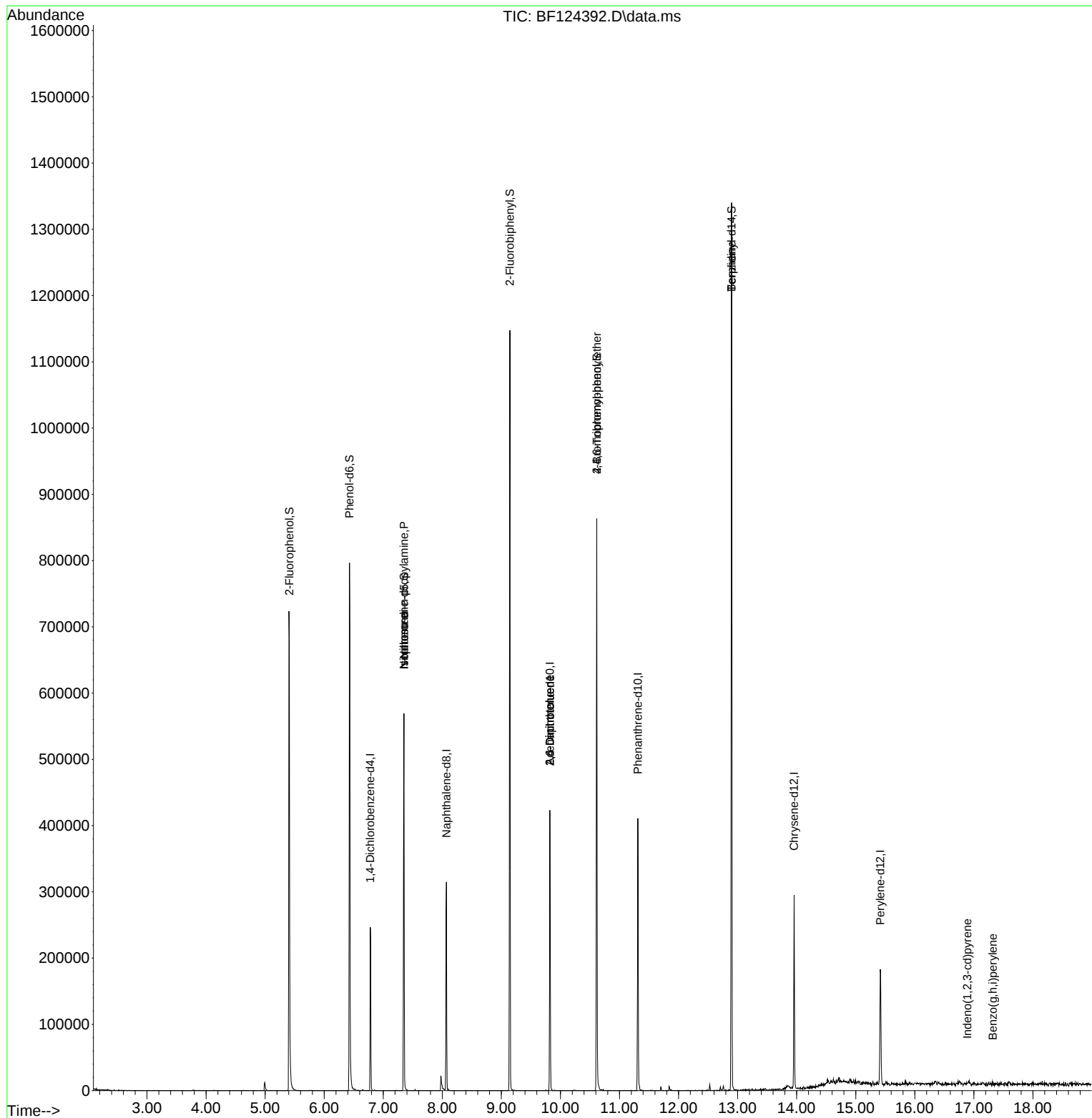
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	31613	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	124305	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	76354	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	133498	20.000	ng	0.00
76) Chrysene-d12	13.957	240	84684	20.000	ng	0.00
86) Perylene-d12	15.415	264	77045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	180630	86.012	ng	0.00
7) Phenol-d6	6.428	99	237058	83.980	ng	-0.02
23) Nitrobenzene-d5	7.351	82	156343	49.883	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	82855	76.593	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	290833	47.931	ng	0.00
79) Terphenyl-d14	12.898	244	400213	64.885	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	22575	11.329	ng	# 65
25) Isophorone	7.351	82	156340	27.682	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	9536	6.584	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	9536	4.992	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	5280	2.882	ng	# 1
77) Benzidine	12.898	184	6726	7.180	ng	95
87) Indeno(1,2,3-cd)pyrene	16.886	276	568	4.416	ng	# 53
92) Benzo(g,h,i)perylene	17.321	276	129	3.829	ng	# 56

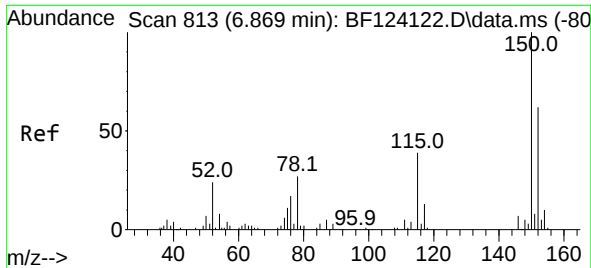
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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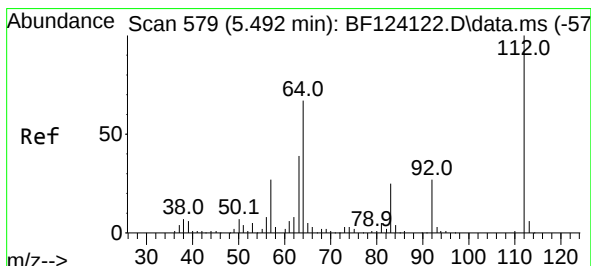
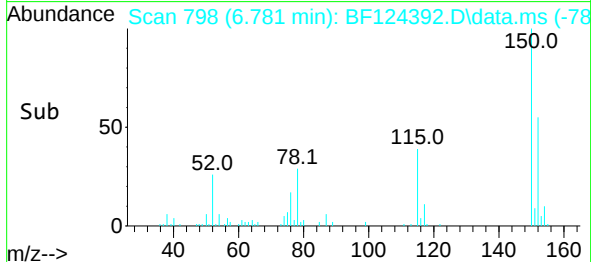
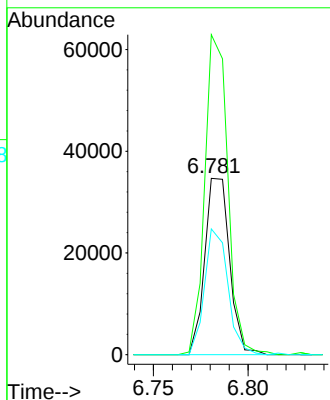
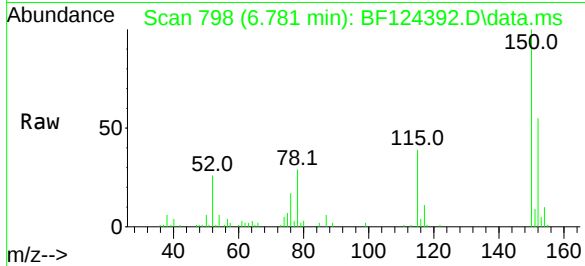




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

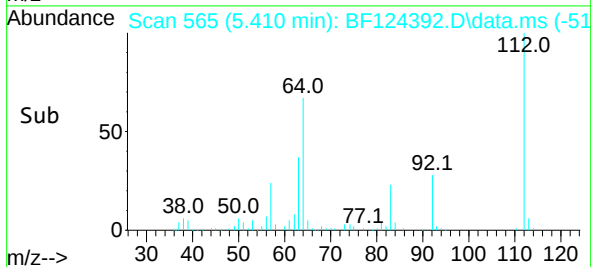
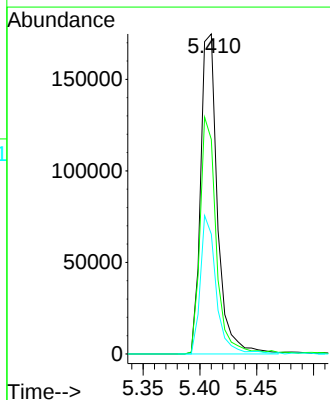
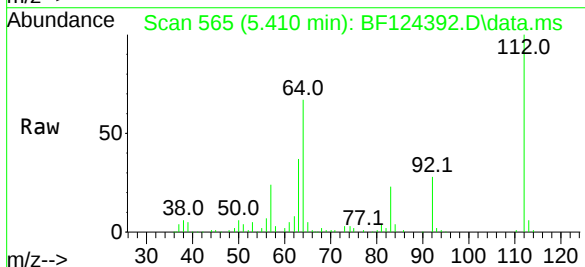
Instrument :
BNA_F
ClientSampled :
SB-12

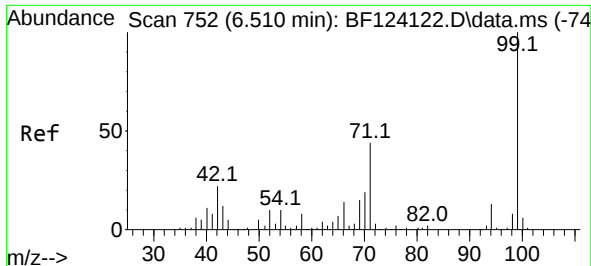
Tgt Ion:152 Resp: 31613
Ion Ratio Lower Upper
152 100
150 181.4 127.0 190.6
115 71.3 54.3 81.5



#5
2-Fluorophenol
Concen: 86.012 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

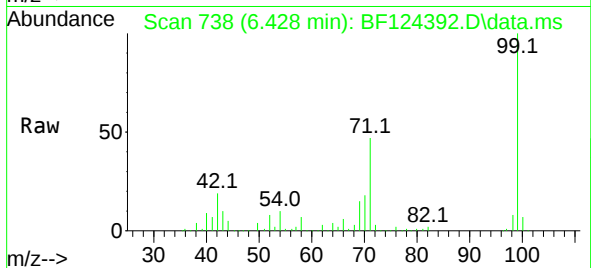
Tgt Ion:112 Resp: 180630
Ion Ratio Lower Upper
112 100
64 67.1 61.4 92.0
63 37.4 33.0 49.4



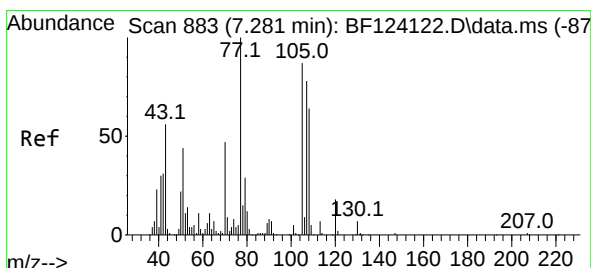
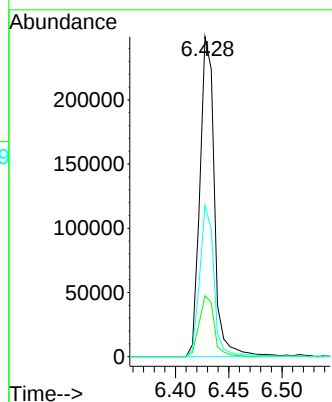
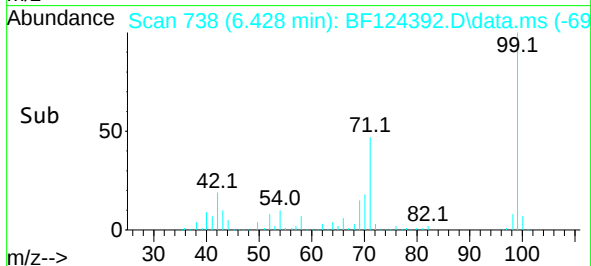


#7
Phenol-d6
Concen: 83.980 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

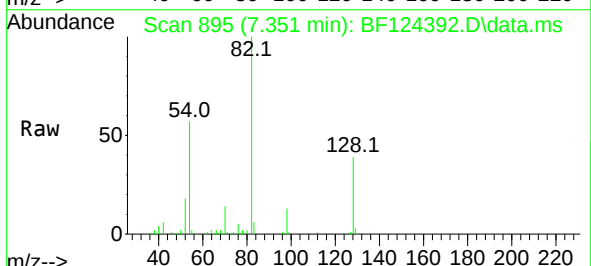
Instrument :
BNA_F
ClientSampled :
SB-12



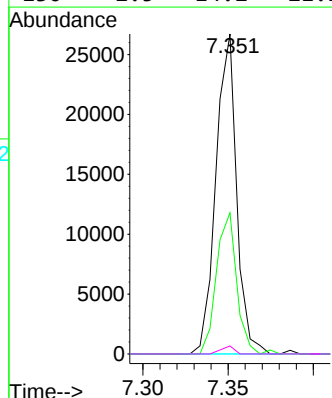
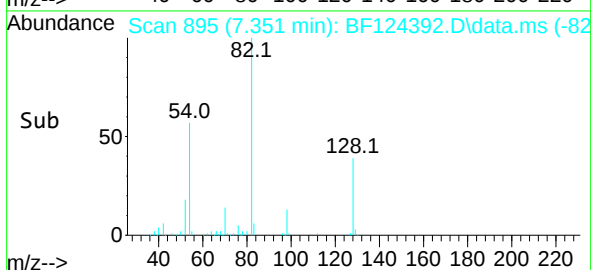
Tgt Ion: 99 Resp: 237058
Ion Ratio Lower Upper
99 100
42 19.0 19.8 29.8#
71 47.2 31.1 46.7#

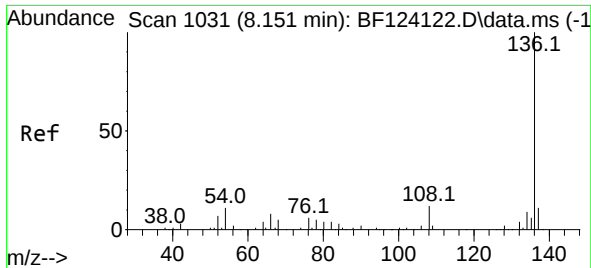


#19
n-Nitroso-di-n-propylamine
Concen: 11.329 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22



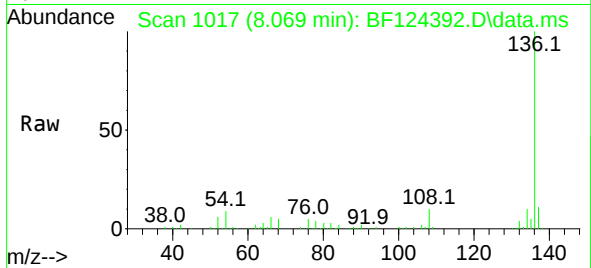
Tgt Ion: 70 Resp: 22575
Ion Ratio Lower Upper
70 100
42 44.1 60.1 90.1#
101 0.0 7.4 11.2#
130 2.5 14.2 21.2#



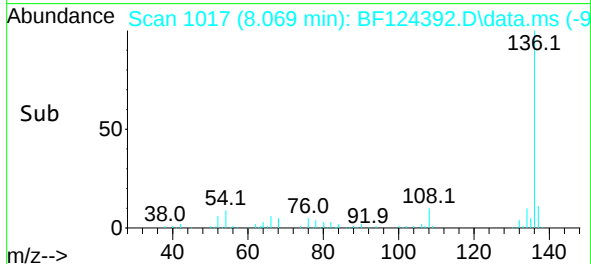
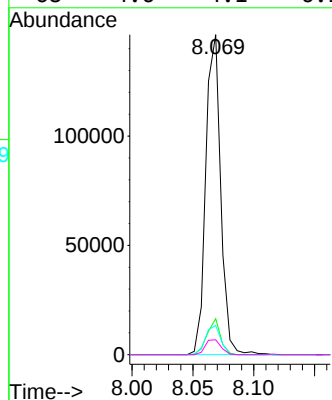


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

Instrument :
BNA_F
ClientSampled :
SB-12

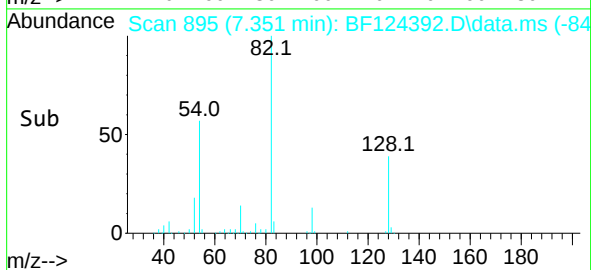
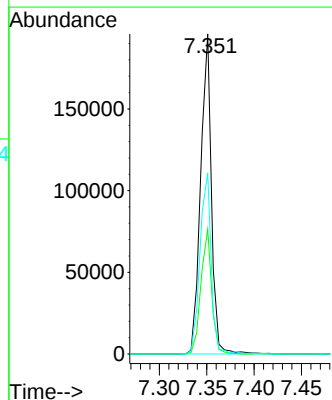
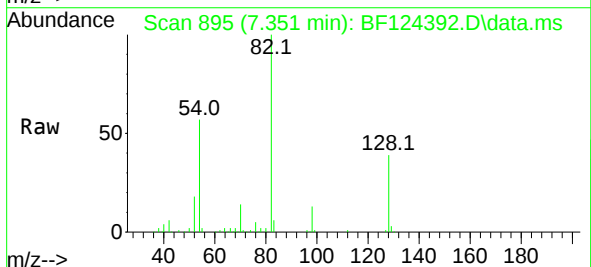


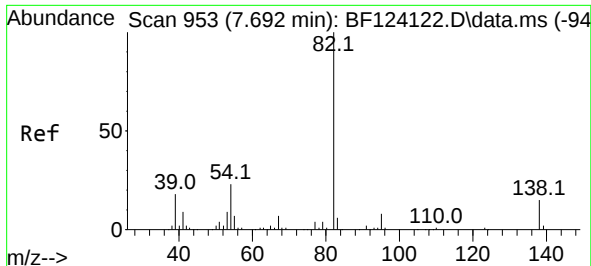
Tgt Ion:136 Resp: 124305
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.1 9.8 14.6#
68 4.6 4.1 6.1



#23
Nitrobenzene-d5
Concen: 49.883 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

Tgt Ion: 82 Resp: 156343
Ion Ratio Lower Upper
82 100
128 38.9 29.4 44.2
54 56.6 54.1 81.1

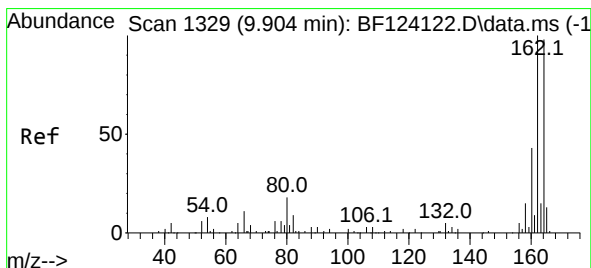
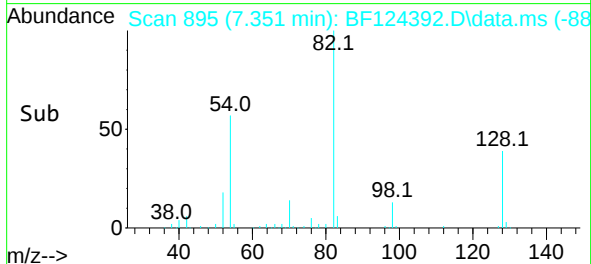
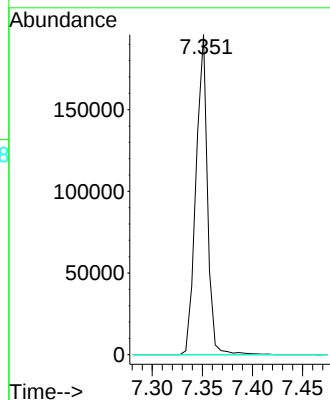
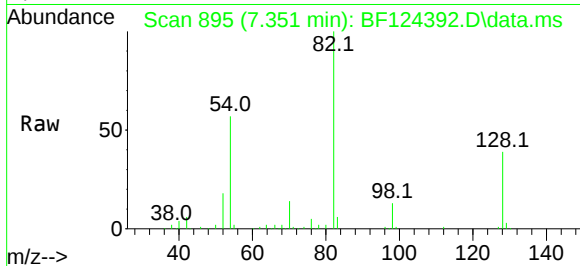




#25
Isophorone
Concen: 27.682 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

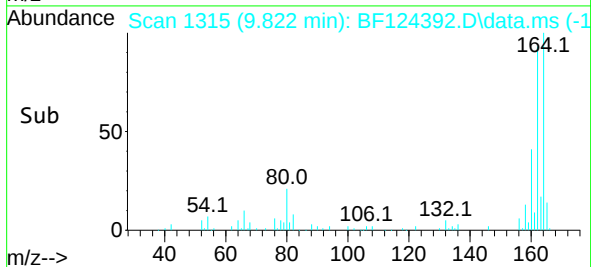
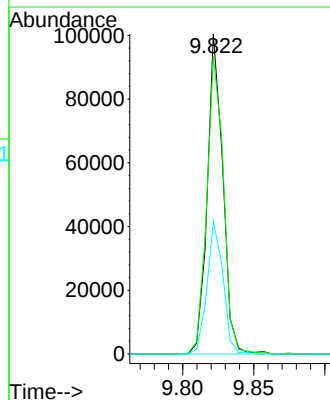
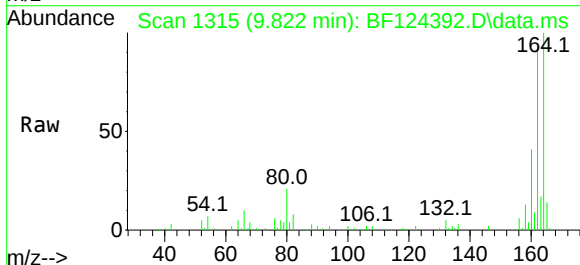
Instrument :
BNA_F
ClientSampleId :
SB-12

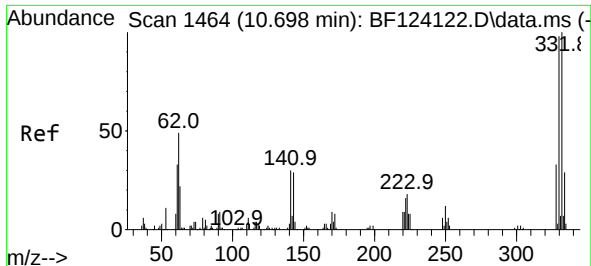
Tgt Ion: 82 Resp: 156340
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

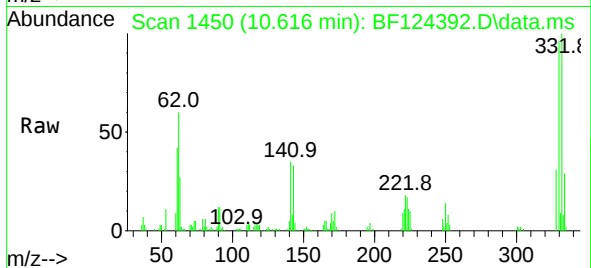
Tgt Ion:164 Resp: 76354
Ion Ratio Lower Upper
164 100
162 93.2 80.7 121.1
160 41.4 37.3 55.9



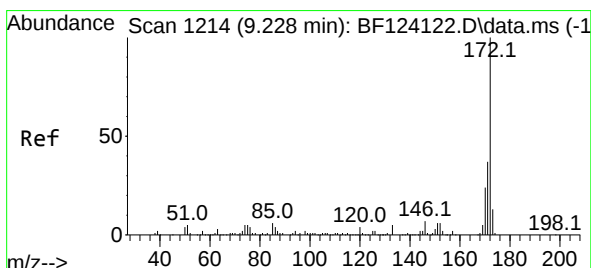
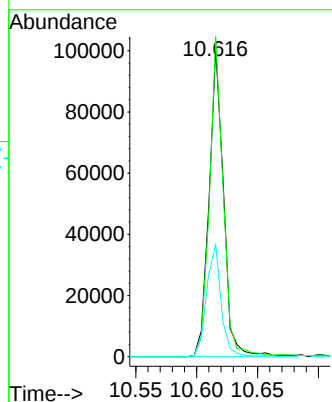
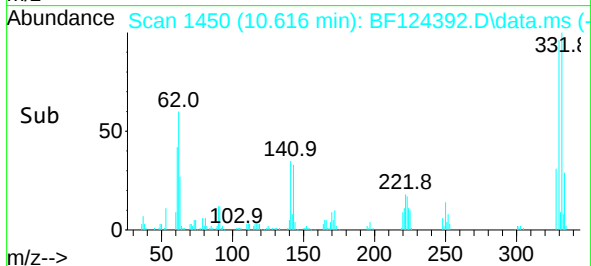


#42
2,4,6-Tribromophenol
Concen: 76.593 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

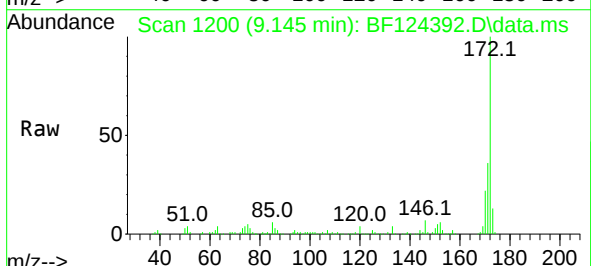
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BNA_F
ClientSampled :
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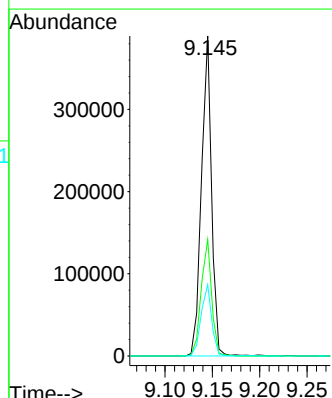
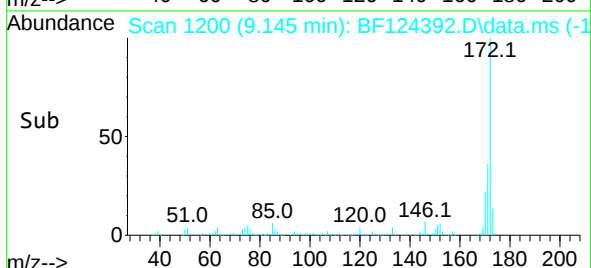
Tgt Ion: 330 Resp: 82855
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 36.5 27.9 41.9

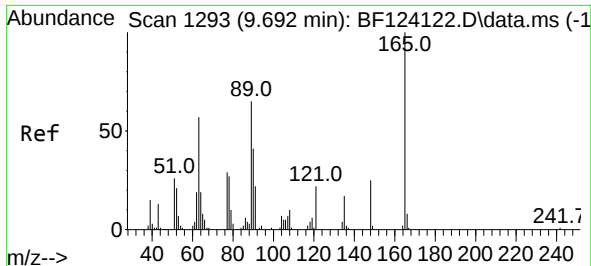


#45
2-Fluorobiphenyl
Concen: 47.931 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22



Tgt Ion: 172 Resp: 290833
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 22.2 19.2 28.8

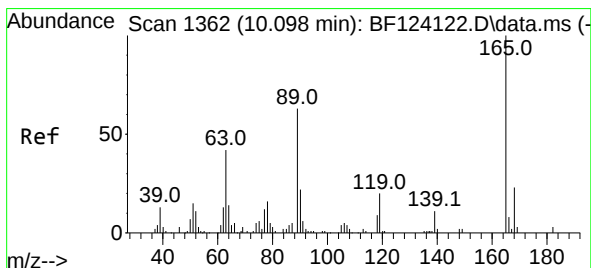
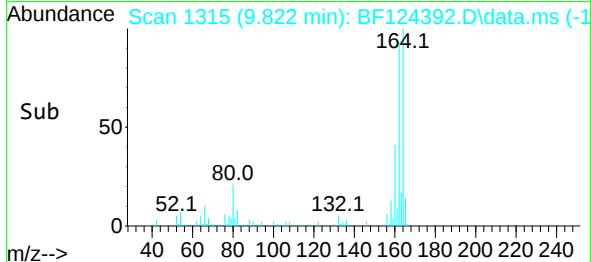
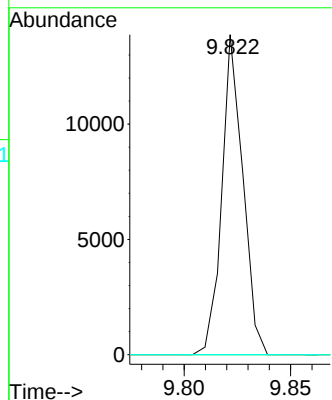
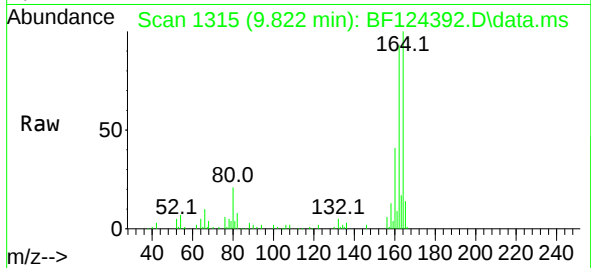




#51
2,6-Dinitrotoluene
Concen: 6.584 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

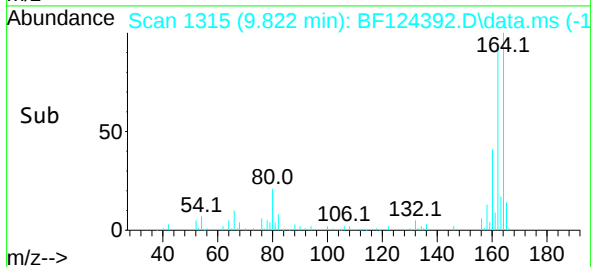
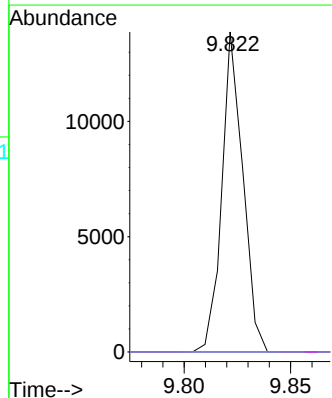
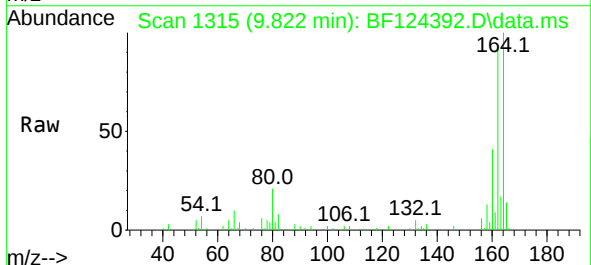
Instrument :
BNA_F
ClientSampled :
SB-12

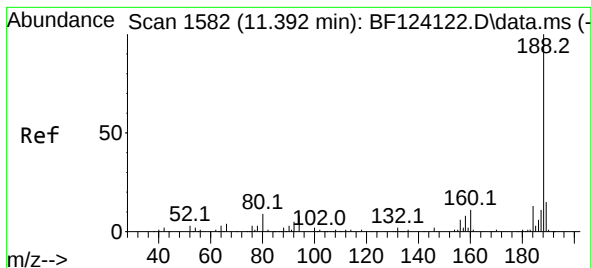
Tgt Ion:165 Resp: 9536
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.992 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

Tgt Ion:165 Resp: 9536
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#

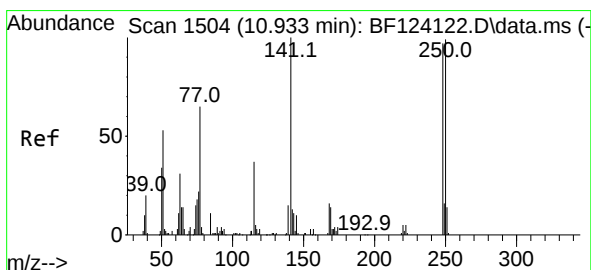
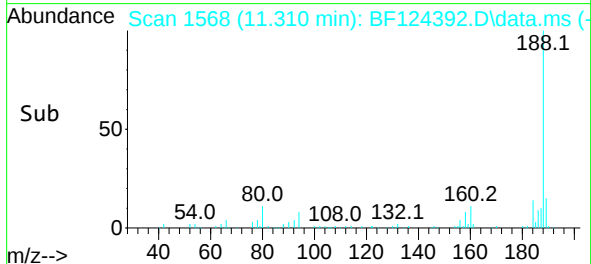
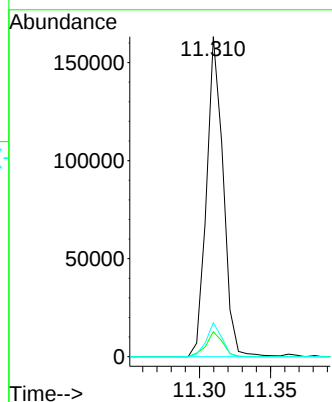
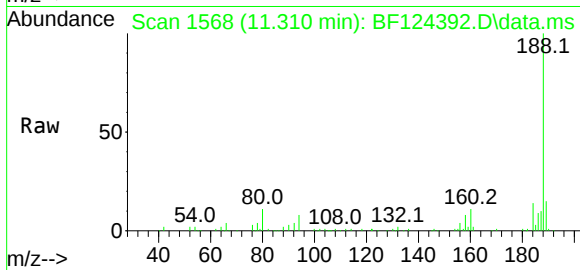




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

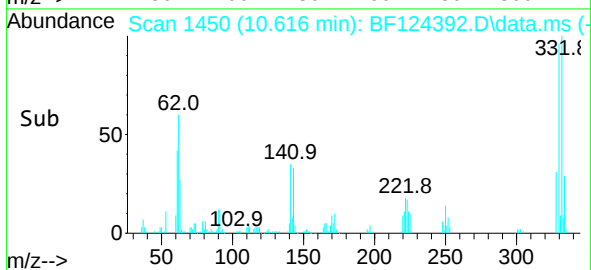
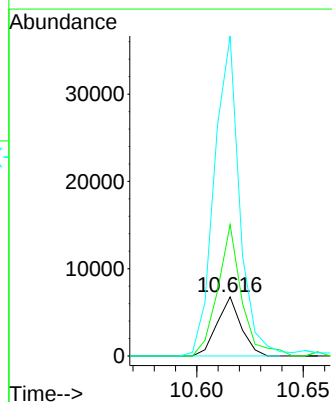
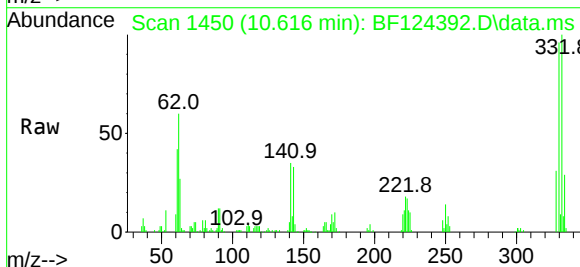
Instrument :
BNA_F
ClientSampled :
SB-12

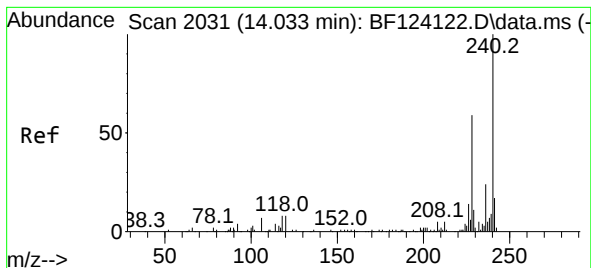
Tgt Ion:188 Resp: 133498
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 10.6 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.882 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

Tgt Ion:248 Resp: 5280
Ion Ratio Lower Upper
248 100
250 222.5 77.4 116.2#
141 542.0 63.7 95.5#

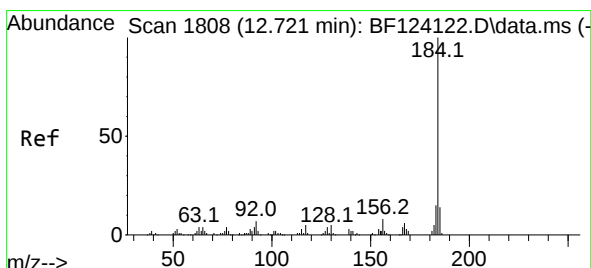
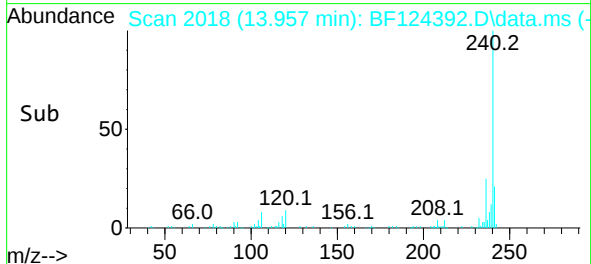
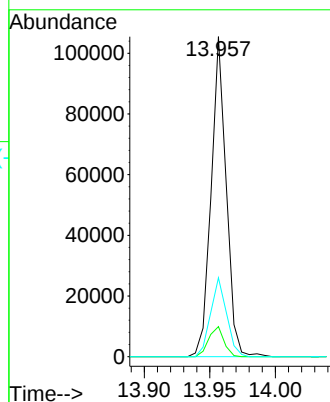
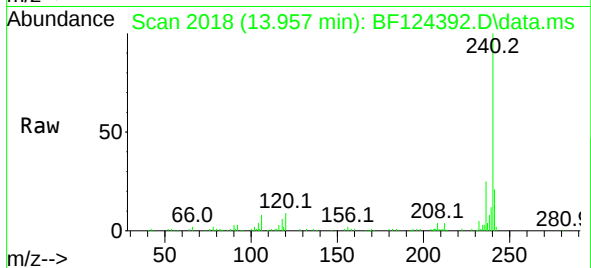




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

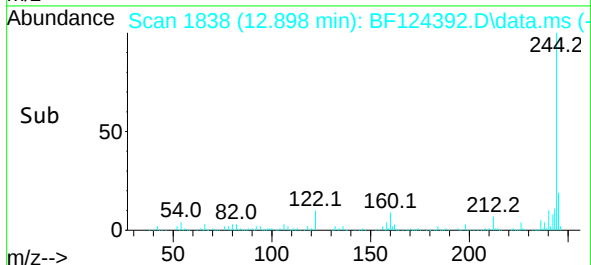
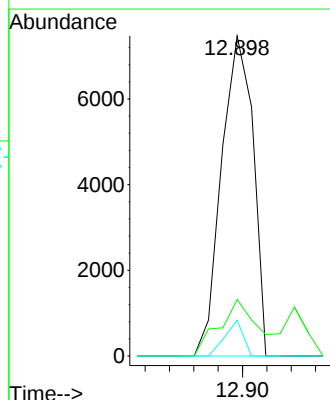
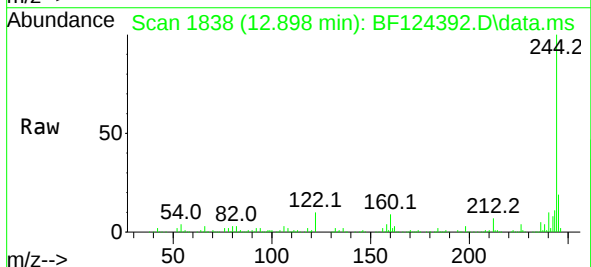
Instrument :
BNA_F
ClientSampleId :
SB-12

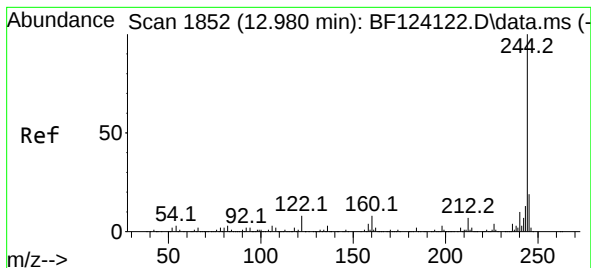
Tgt Ion:240 Resp: 84684
Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 24.6 19.0 28.4



#77
Benzidine
Concen: 7.180 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

Tgt Ion:184 Resp: 6726
Ion Ratio Lower Upper
184 100
185 17.7 12.1 18.1
183 11.2 7.8 11.8





#79

Terphenyl-d14

Concen: 64.885 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF124392.D

Acq: 21 Jun 2021 14:22

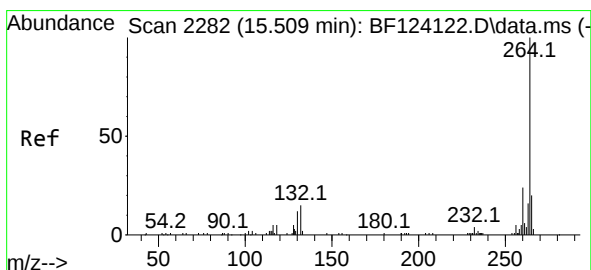
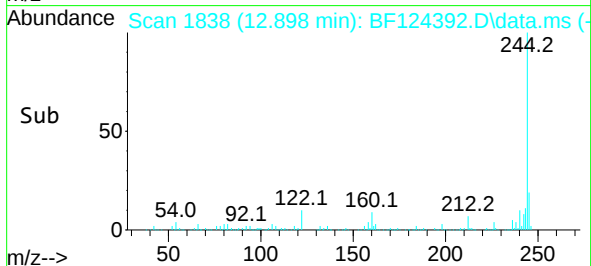
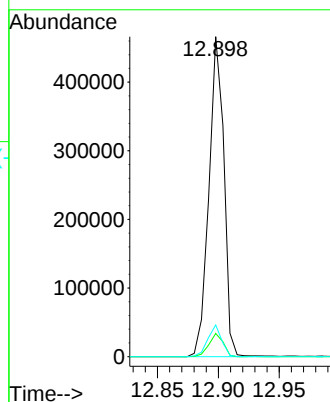
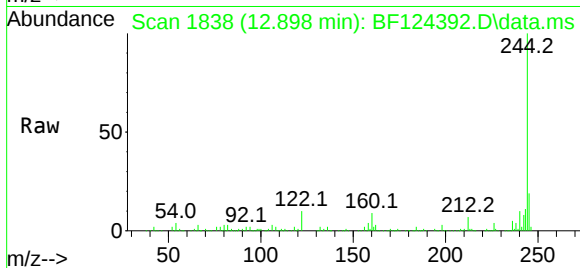
Tgt Ion:244 Resp: 400213

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 9.9 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.000 min

Lab File: BF124392.D

Acq: 21 Jun 2021 14:22

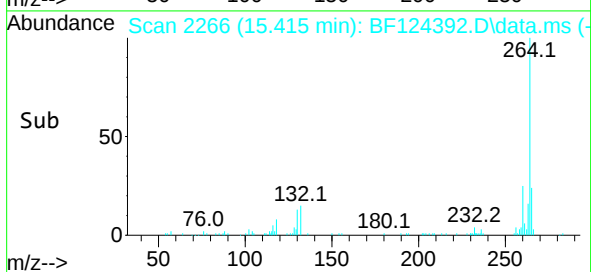
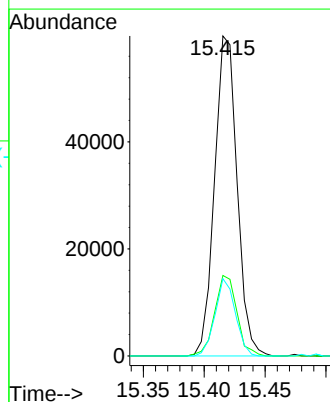
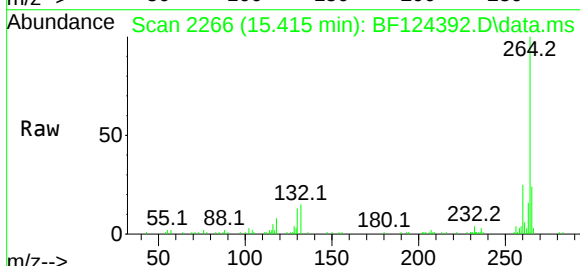
Tgt Ion:264 Resp: 77045

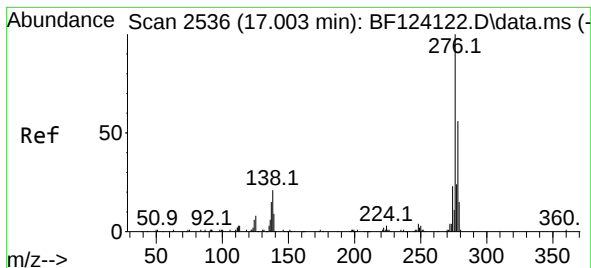
Ion Ratio Lower Upper

264 100

260 25.2 18.7 28.1

265 24.2 17.8 26.8

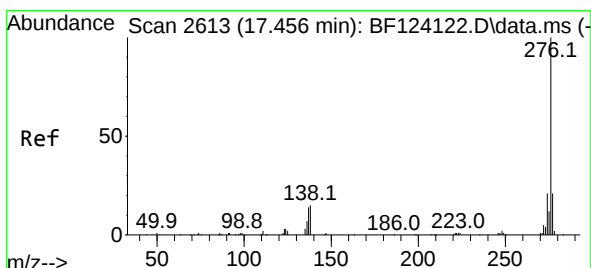
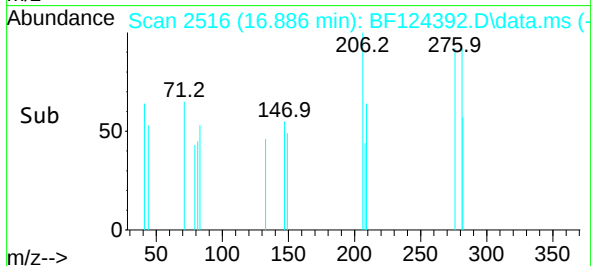
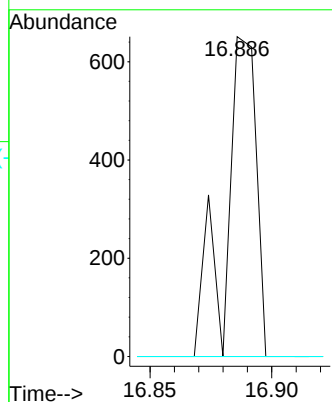
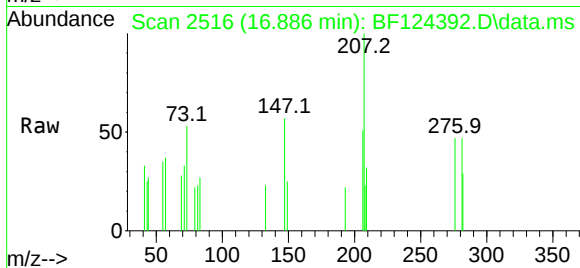




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.416 ng
RT: 16.886 min Scan# 2516
Delta R.T. 0.012 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

Instrument :
BNA_F
ClientSampled :
SB-12

Tgt Ion:276 Resp: 568
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: 3.829 ng
RT: 17.321 min Scan# 2590
Delta R.T. 0.006 min
Lab File: BF124392.D
Acq: 21 Jun 2021 14:22

Tgt Ion:276 Resp: 129
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 0.0 13.8 20.6#

