

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124413.D
 Acq On : 22 Jun 2021 15:43
 Operator : JU/CG
 Sample : M2775-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCK-BANK

Quant Time: Jun 22 16:15:30 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)

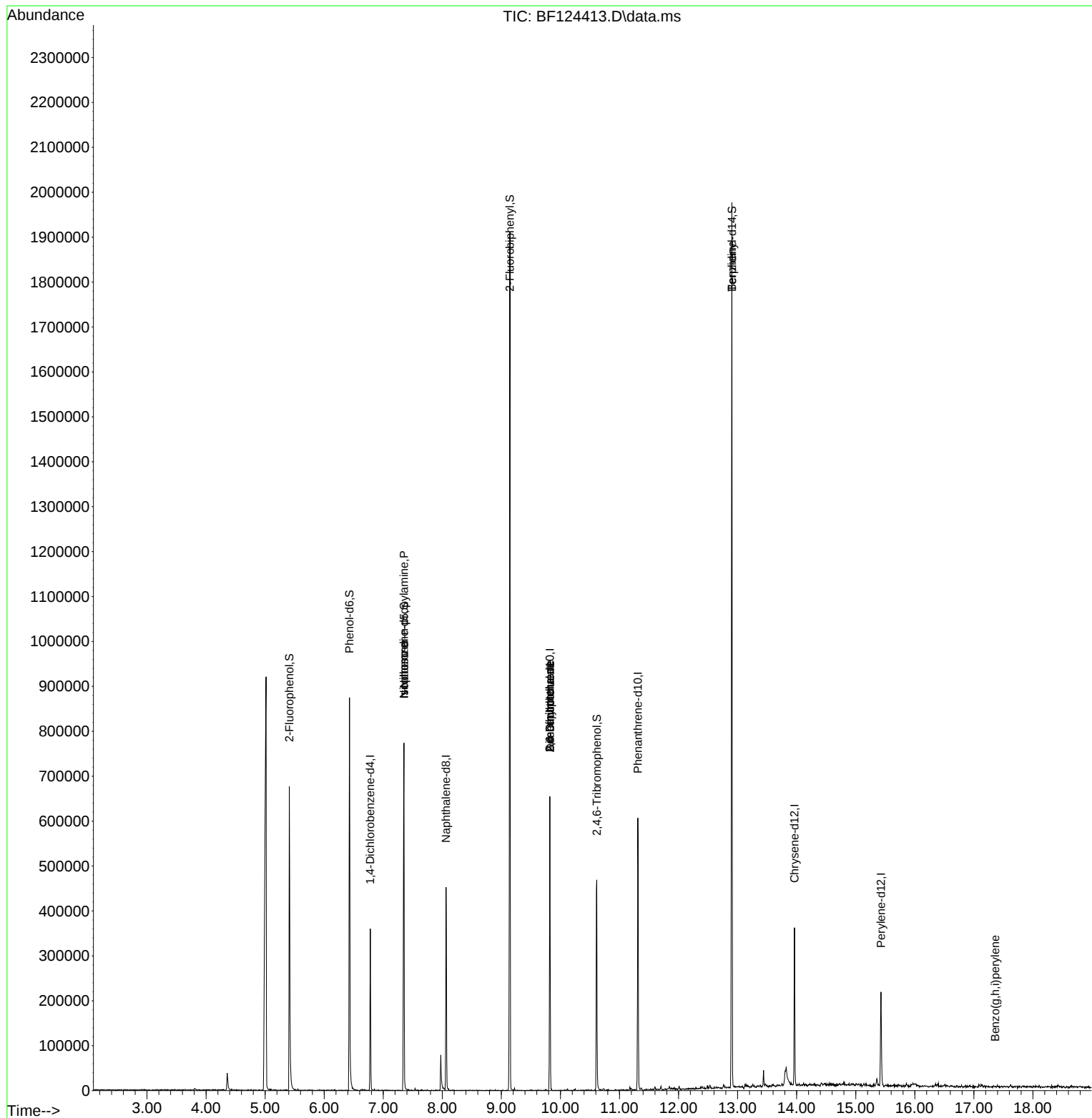
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	47155	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	174638	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	114543	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	207048	20.000	ng	0.00
76) Chrysene-d12	13.962	240	105984	20.000	ng	0.00
86) Perylene-d12	15.427	264	80275	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	150261	47.968	ng	0.00
7) Phenol-d6	6.428	99	250391	59.467	ng	-0.02
23) Nitrobenzene-d5	7.351	82	236436	53.696	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	54464	33.562	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	493288	54.192	ng	0.00
79) Terphenyl-d14	12.904	244	559822	72.521	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	34605	11.642	ng	# 64
25) Isophorone	7.351	82	236433	29.797	ng	# 69
50) Dimethylphthalate	9.822	163	20687	2.183	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	15071	6.936	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	15071	5.259	ng	# 15
77) Benzidine	12.904	184	9613	7.623	ng	# 94
92) Benzo(g,h,i)perylene	17.362	276	353	3.865	ng	# 56

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

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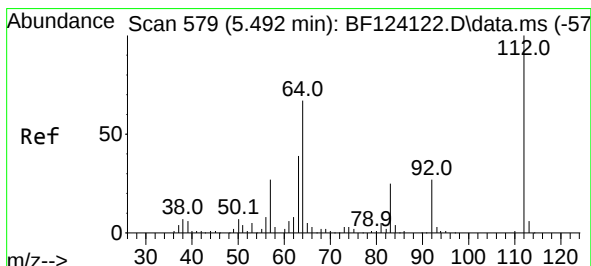
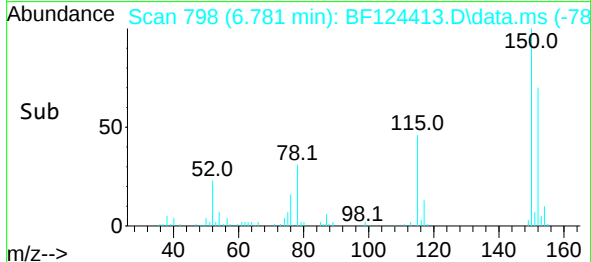
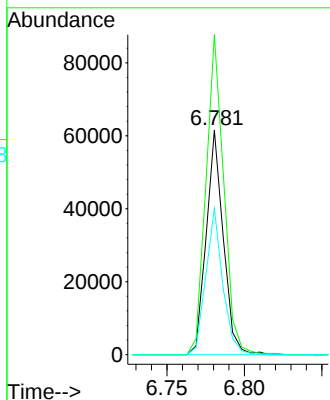
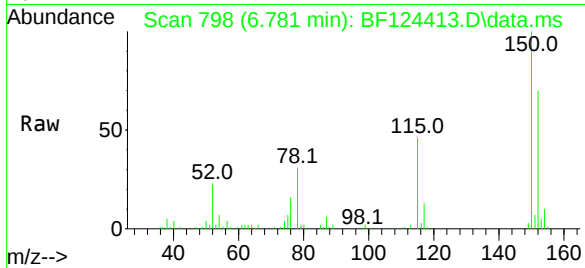




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

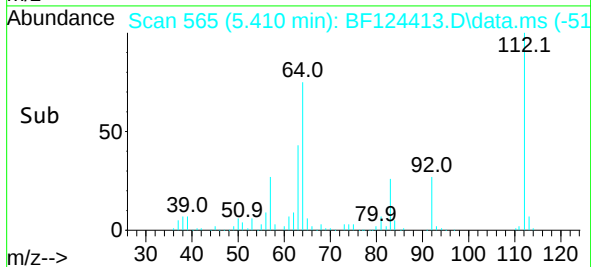
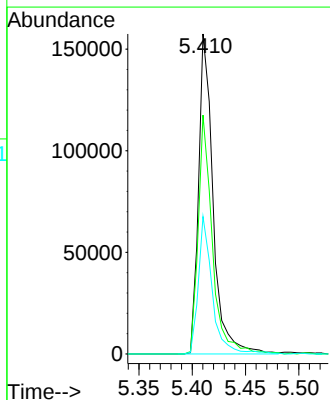
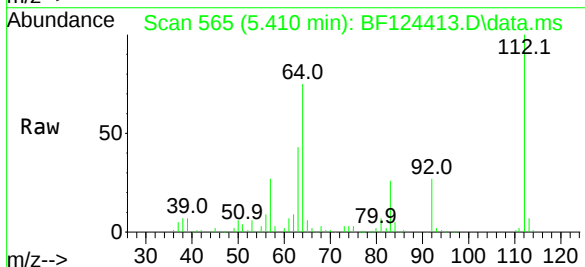
Instrument :
BNA_F
ClientSampleId :
DUCK-BANK

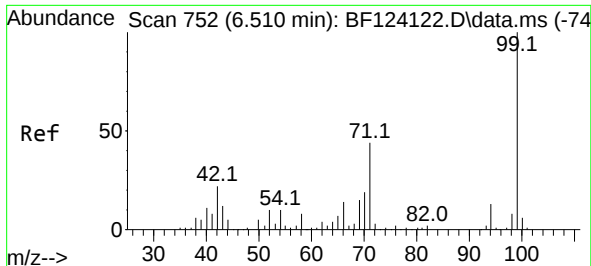
Tgt Ion:152 Resp: 47155
Ion Ratio Lower Upper
152 100
150 142.4 127.0 190.6
115 65.1 54.3 81.5



#5
2-Fluorophenol
Concen: 47.968 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

Tgt Ion:112 Resp: 150261
Ion Ratio Lower Upper
112 100
64 74.6 61.4 92.0
63 42.9 33.0 49.4

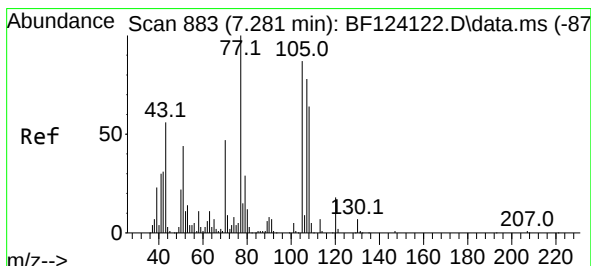
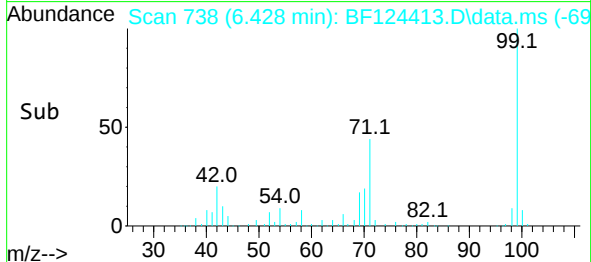
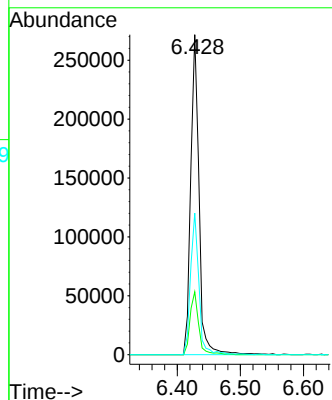
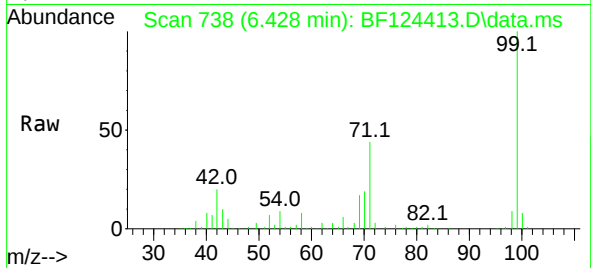




#7
Phenol-d6
Concen: 59.467 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

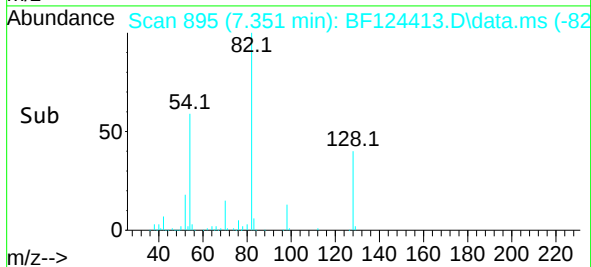
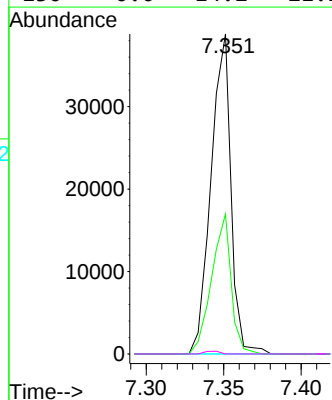
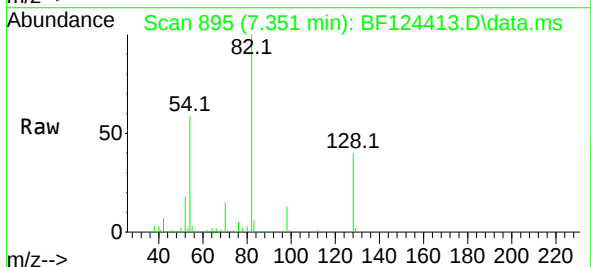
Instrument :
BNA_F
ClientSampleId :
DUCK-BANK

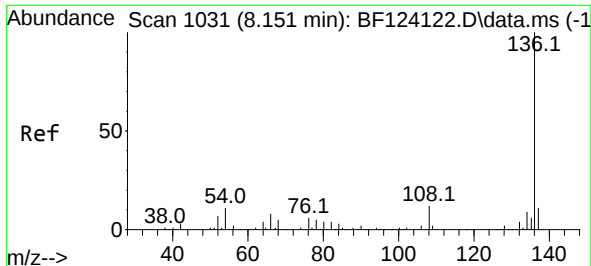
Tgt Ion: 99 Resp: 250391
Ion Ratio Lower Upper
99 100
42 19.6 19.8 29.8#
71 44.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.642 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

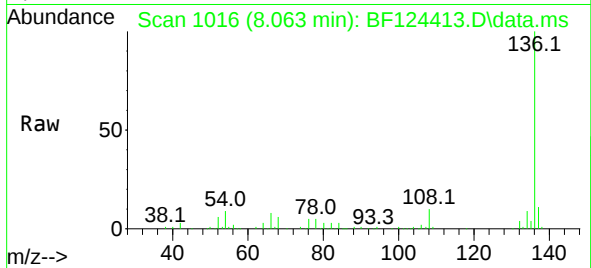
Tgt Ion: 70 Resp: 34605
Ion Ratio Lower Upper
70 100
42 43.7 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#



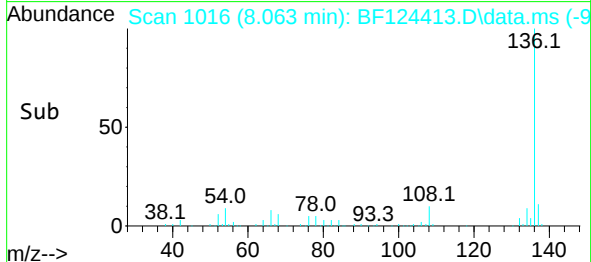
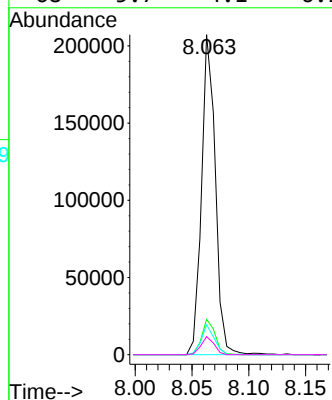


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

Instrument :
BNA_F
ClientSampleId :
DUCK-BANK

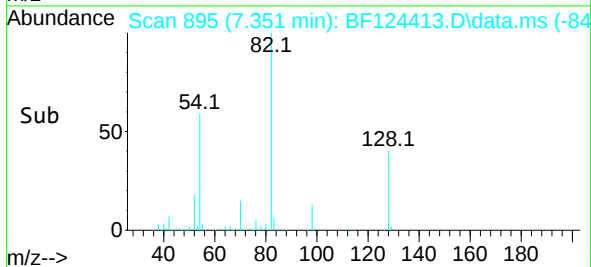
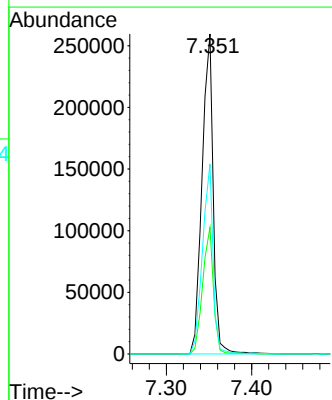
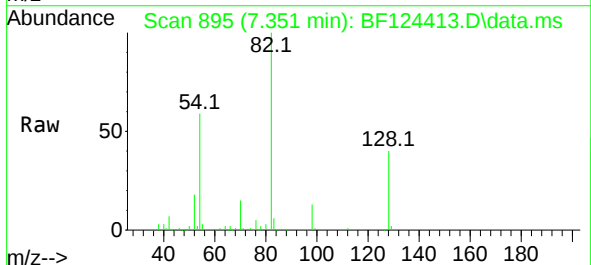


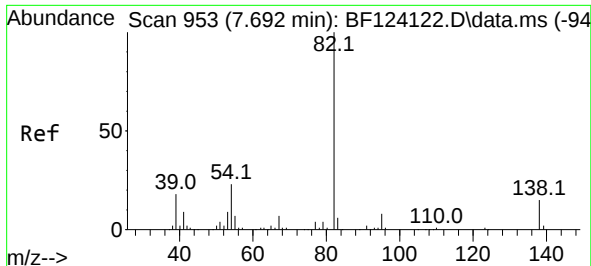
Tgt Ion:136 Resp: 174638
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.4 9.8 14.6#
68 5.7 4.1 6.1



#23
Nitrobenzene-d5
Concen: 53.696 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

Tgt Ion: 82 Resp: 236436
Ion Ratio Lower Upper
82 100
128 39.6 29.4 44.2
54 59.3 54.1 81.1

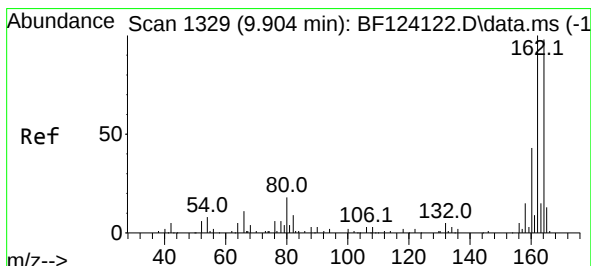
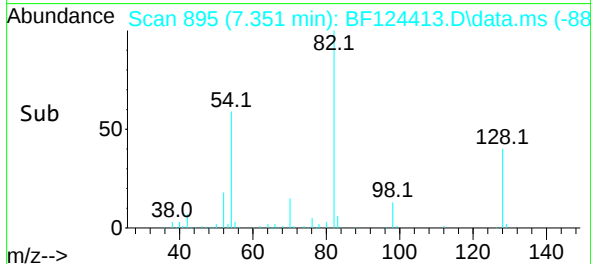
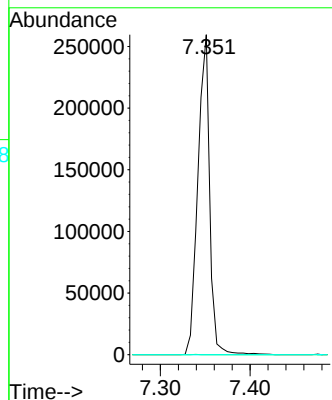
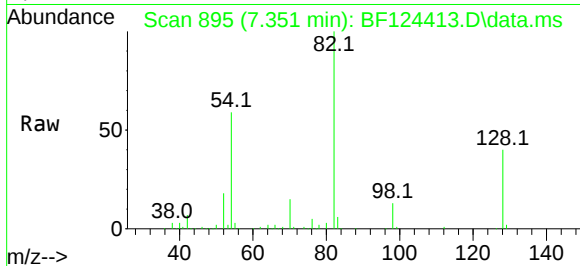




#25
Isophorone
Concen: 29.797 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

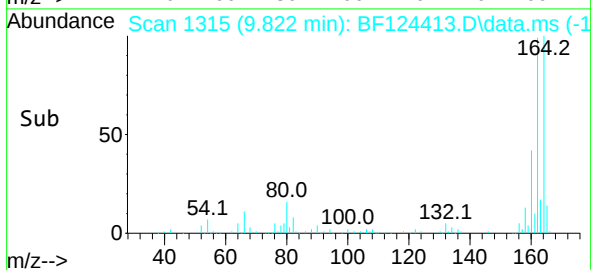
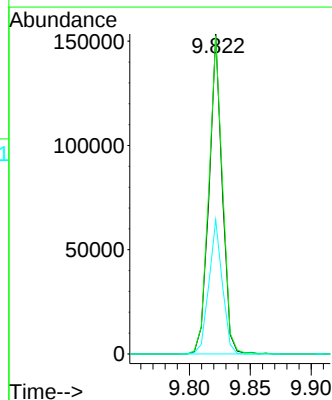
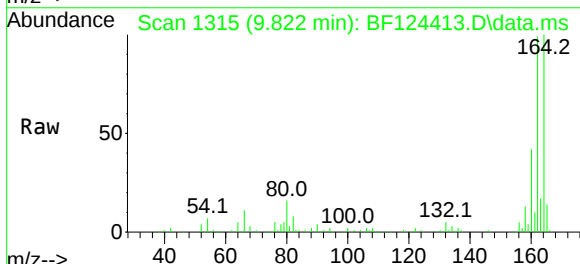
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ClientSampleId :
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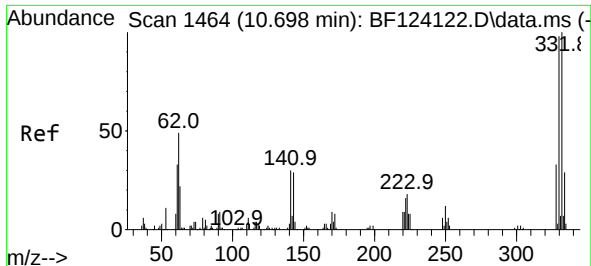
Tgt Ion: 82 Resp: 236433
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

Tgt Ion: 164 Resp: 114543
Ion Ratio Lower Upper
164 100
162 99.5 80.7 121.1
160 41.9 37.3 55.9

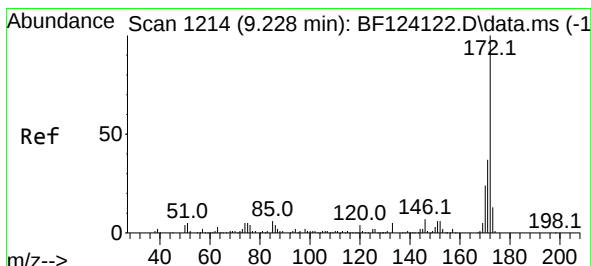
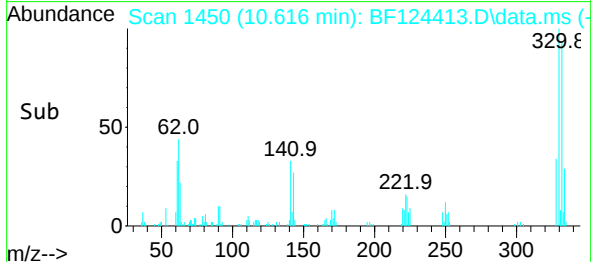
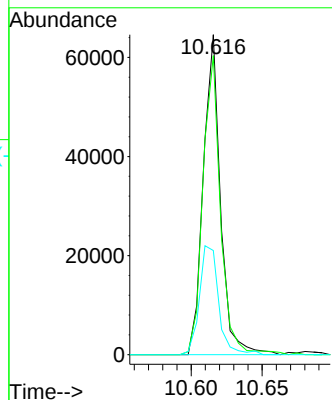
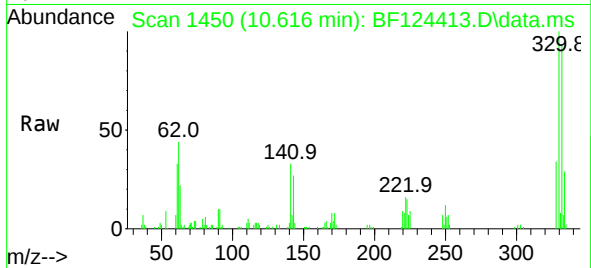




#42
2,4,6-Tribromophenol
Concen: 33.562 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

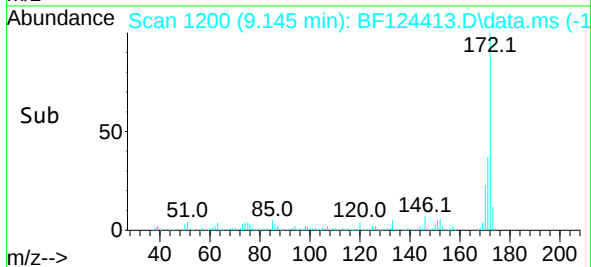
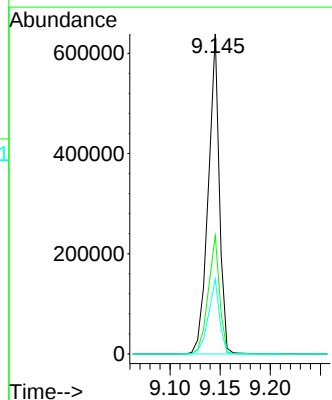
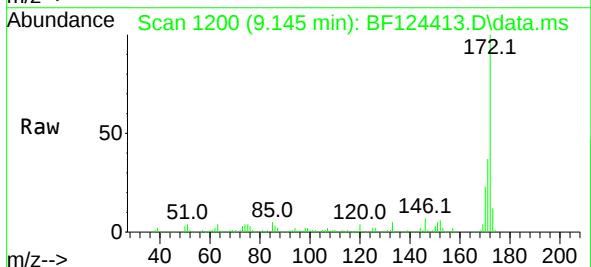
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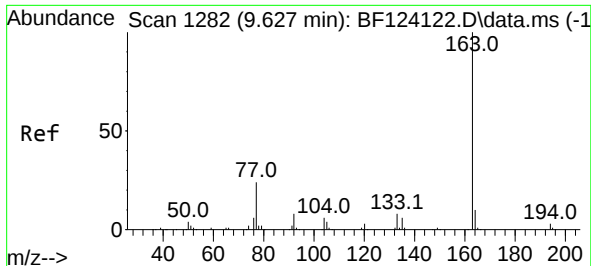
Tgt Ion: 330 Resp: 54464
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 38.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 54.192 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

Tgt Ion: 172 Resp: 493288
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 23.4 19.2 28.8

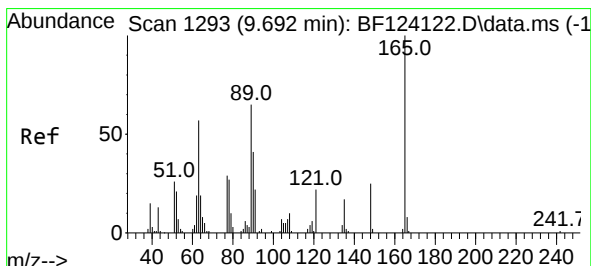
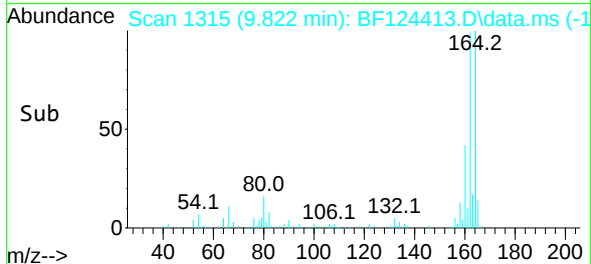
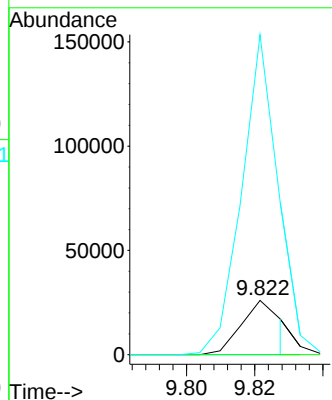
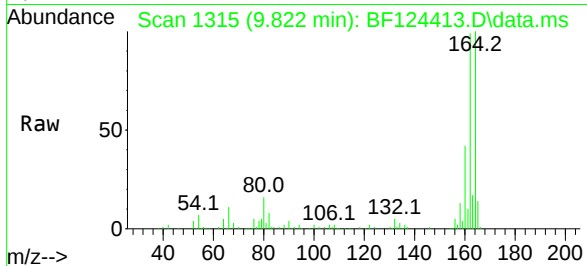




#50
Dimethylphthalate
Concen: 2.183 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

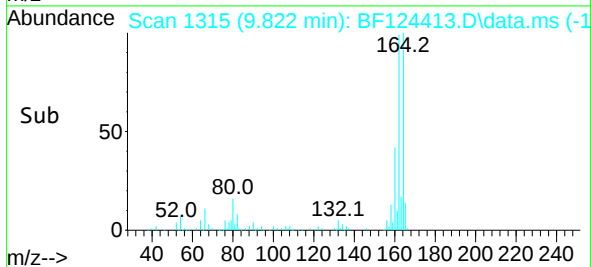
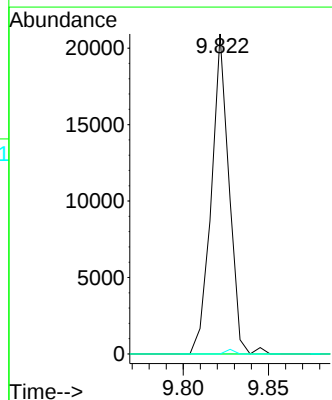
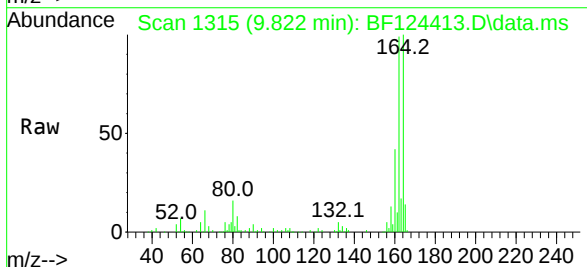
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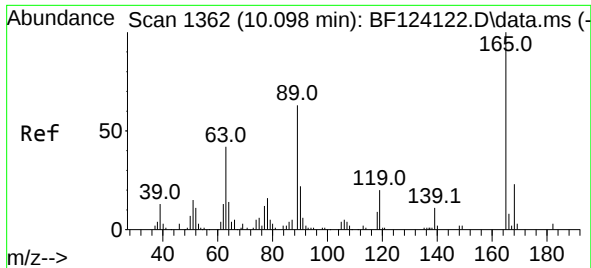
Tgt Ion:163 Resp: 20687
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 589.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.936 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

Tgt Ion:165 Resp: 15071
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#

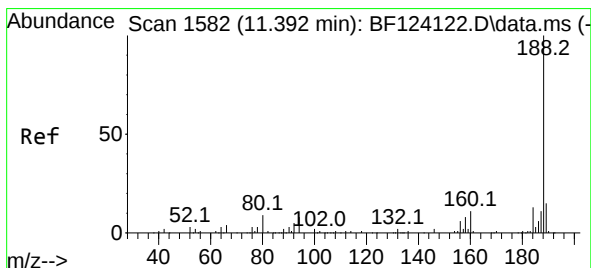
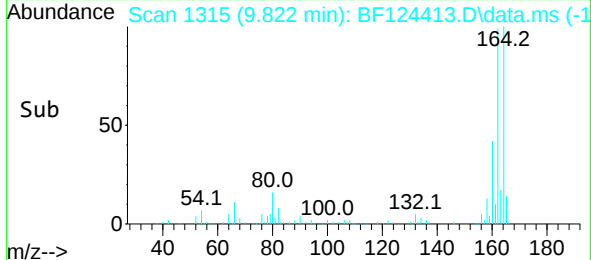
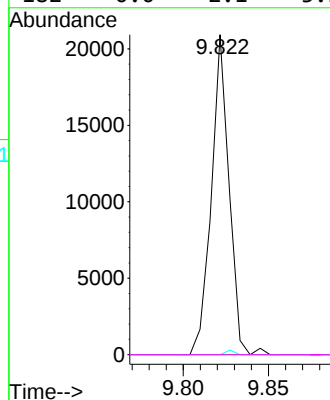
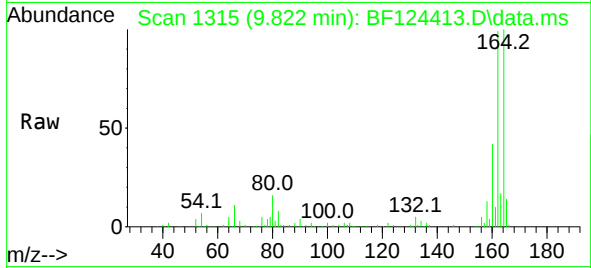




#57
2,4-Dinitrotoluene
Concen: 5.259 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

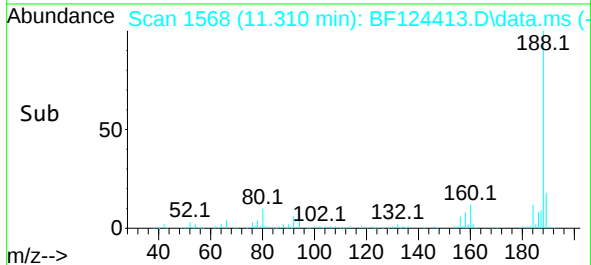
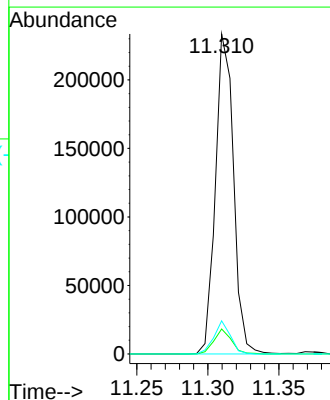
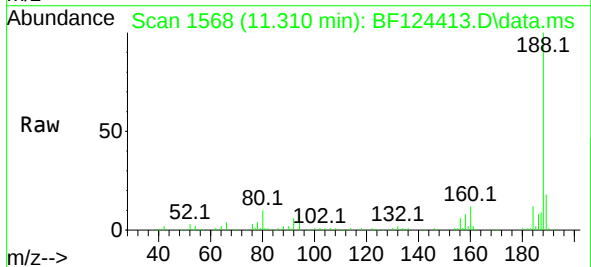
Instrument :
BNA_F
ClientSampleId :
DUCK-BANK

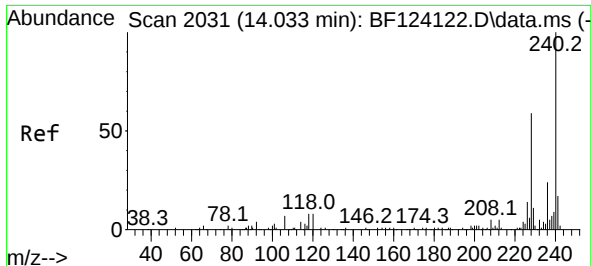
Tgt Ion:165	Resp:	15071
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.5 65.3#
89	0.0	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

Tgt Ion:188	Resp:	207048
Ion Ratio	Lower	Upper
188	100	
94	7.8	6.9 10.3
80	10.4	8.2 12.2

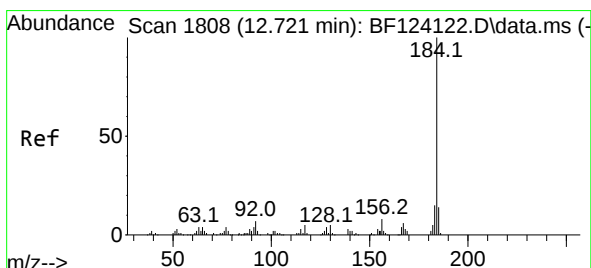
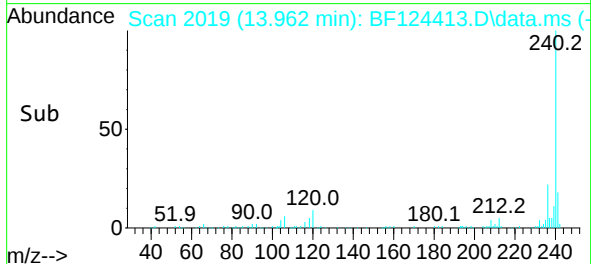
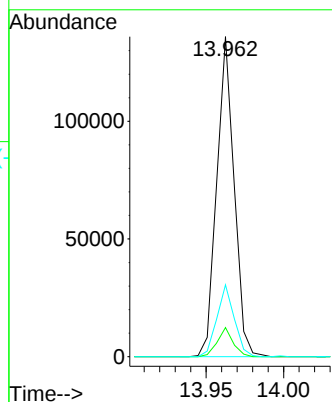
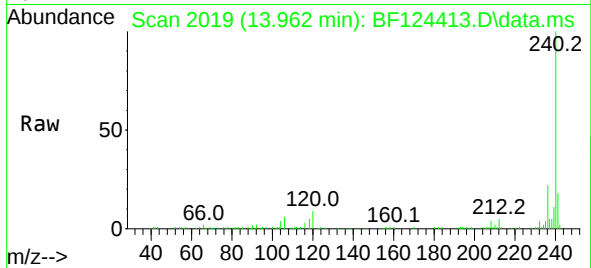




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

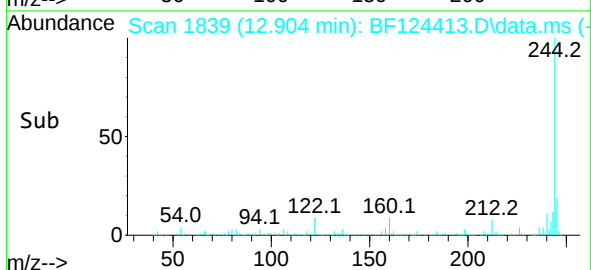
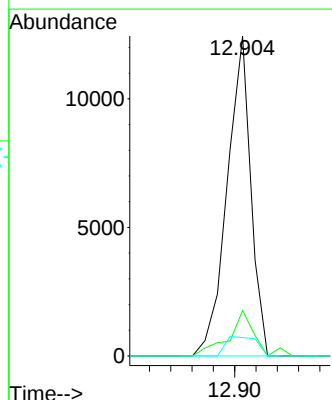
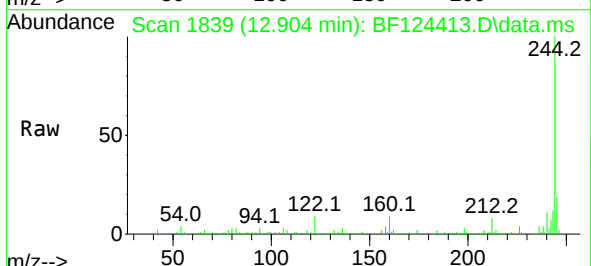
Instrument :
BNA_F
ClientSampleId :
DUCK-BANK

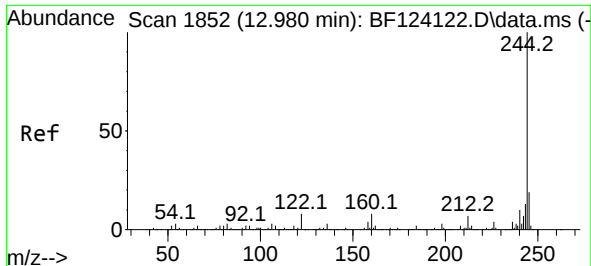
Tgt Ion:240 Resp: 105984
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 22.5 19.0 28.4



#77
Benzidine
Concen: 7.623 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

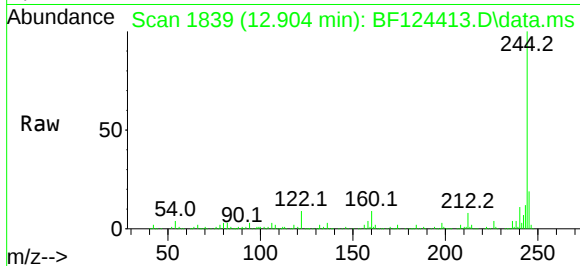
Tgt Ion:184 Resp: 9613
Ion Ratio Lower Upper
184 100
185 14.2 12.1 18.1
183 5.7 7.8 11.8#



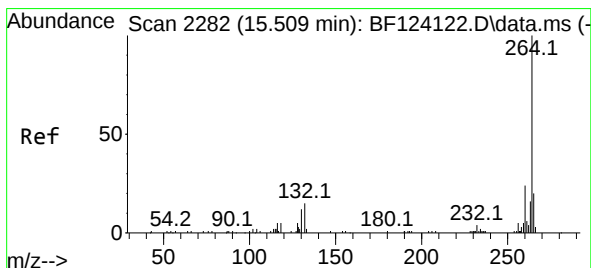
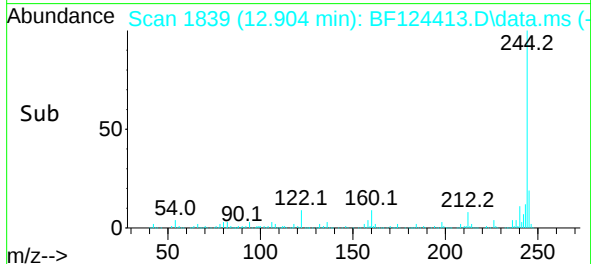
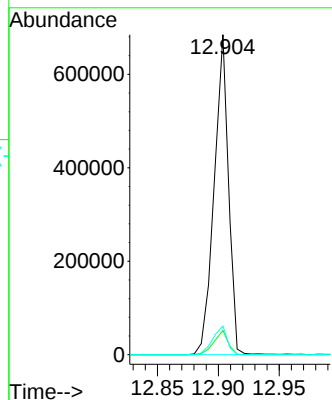


#79
Terphenyl-d14
Concen: 72.521 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43

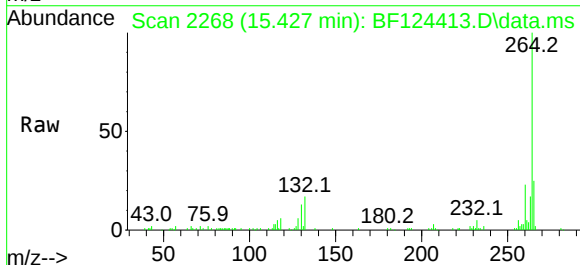
Instrument :
BNA_F
ClientSampleId :
DUCK-BANK



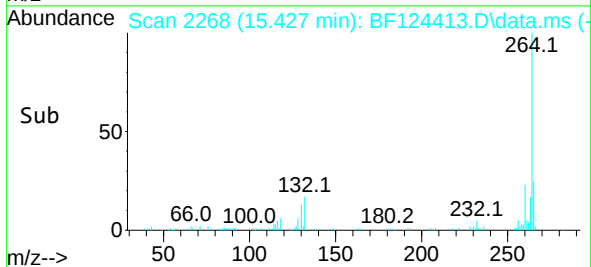
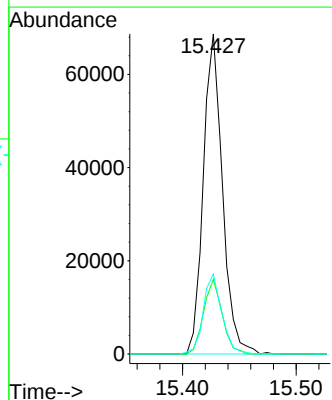
Tgt Ion:244 Resp: 559822
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 9.0 9.7 14.5#

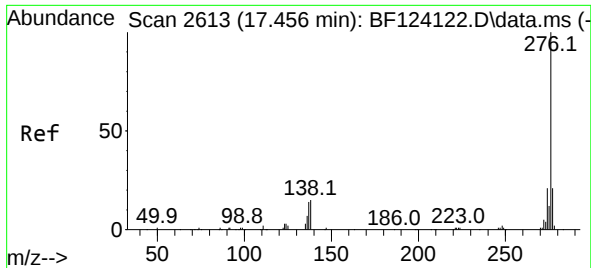


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.012 min
Lab File: BF124413.D
Acq: 22 Jun 2021 15:43



Tgt Ion:264 Resp: 80275
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 24.9 17.8 26.8





#92
 Benzo(g,h,i)perylene
 Concen: 3.865 ng
 RT: 17.362 min Scan# 2597
 Delta R.T. 0.047 min
 Lab File: BF124413.D
 Acq: 22 Jun 2021 15:43

Instrument :
 BNA_F
 ClientSampleId :
 DUCK-BANK

Tgt Ion:276 Resp: 353
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.2 27.2#
 138 0.0 13.8 20.6#

