

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124368.D
 Acq On : 17 Jun 2021 17:56
 Operator : JU/CG
 Sample : M2738-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-061621

Quant Time: Jun 17 18:20:52 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)

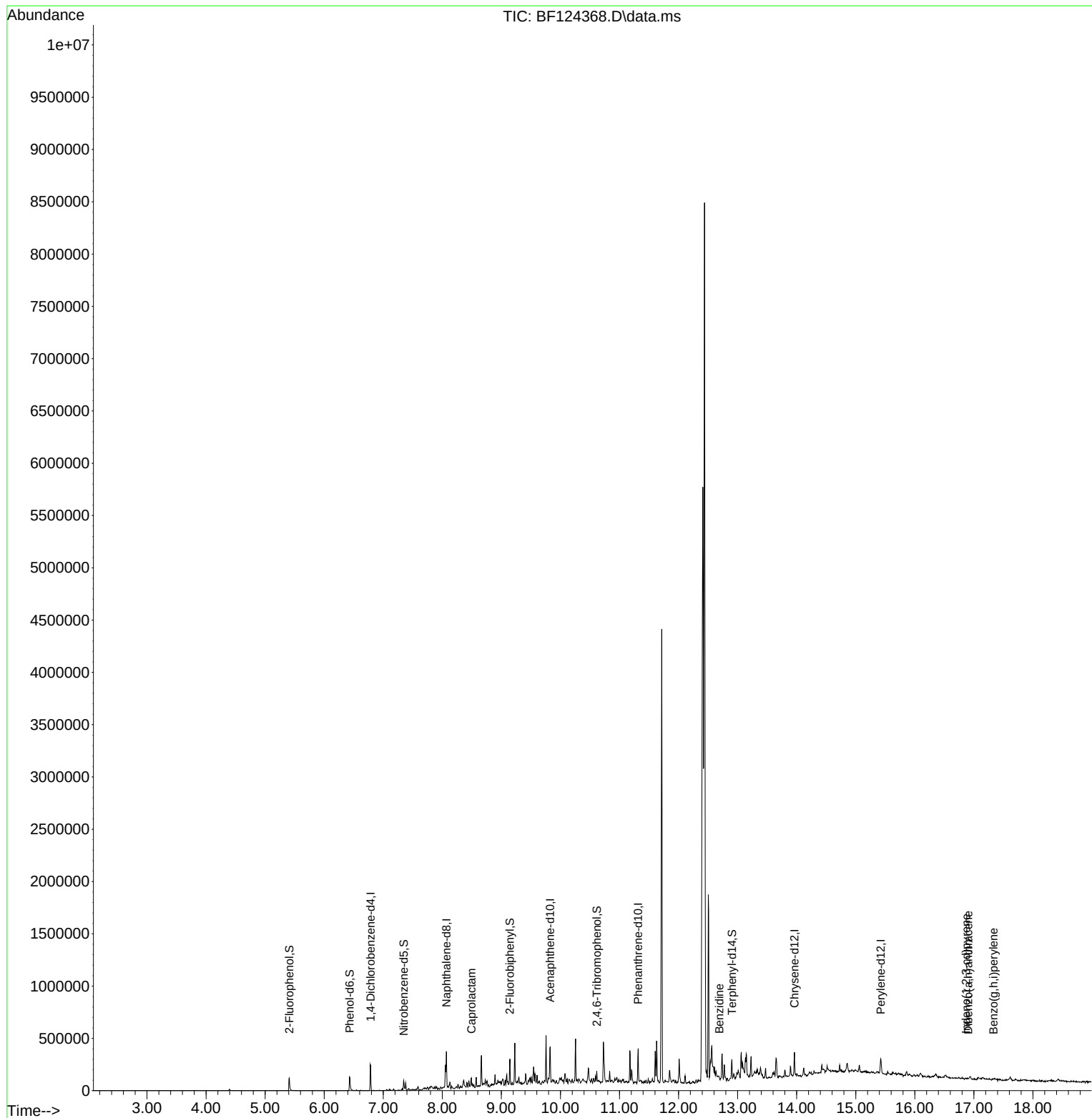
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	33848	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	120834	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	61918	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	100419	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	65269	20.000	ng	0.00
86) Perylene-d12	15.421	264	44587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	31720	14.107	ng	0.00
7) Phenol-d6	6.434	99	43262	14.314	ng	-0.01
23) Nitrobenzene-d5	7.345	82	28867	9.475	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	9765	11.132	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	56763	11.536	ng	0.00
79) Terphenyl-d14	12.904	244	50804	10.687	ng	0.00
Target Compounds						
						Qvalue
35) Caprolactam	8.492	113	1411	2.306	ng	# 1
77) Benzidine	12.692	184	121	4.133	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.868	276	683	4.503	ng	# 34
91) Dibenzo(a,h)anthracene	16.903	278	128	4.212	ng	# 1
92) Benzo(g,h,i)perylene	17.333	276	1906	4.369	ng	# 7

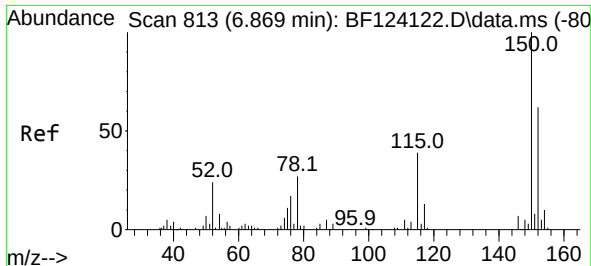
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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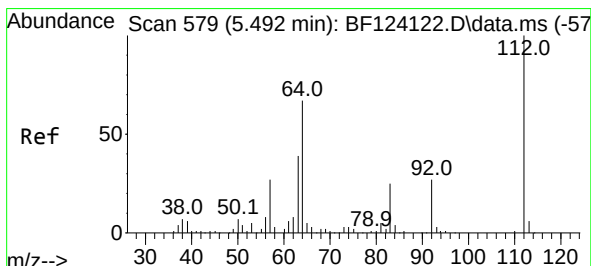
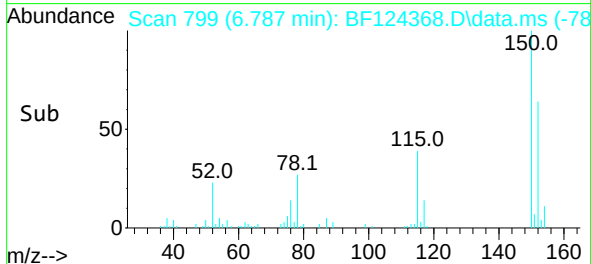
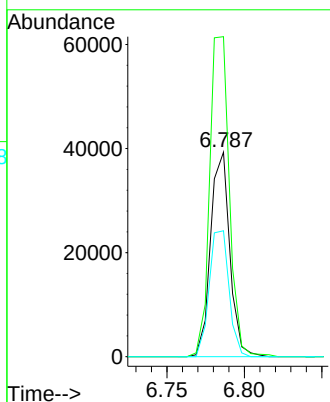
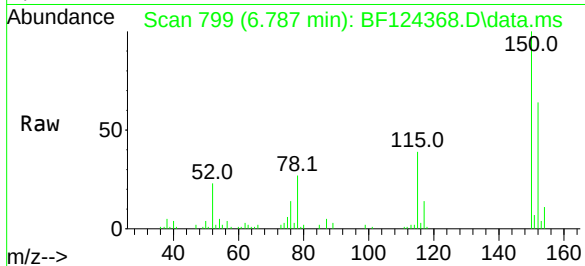




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF124368.D
Acq: 17 Jun 2021 17:56

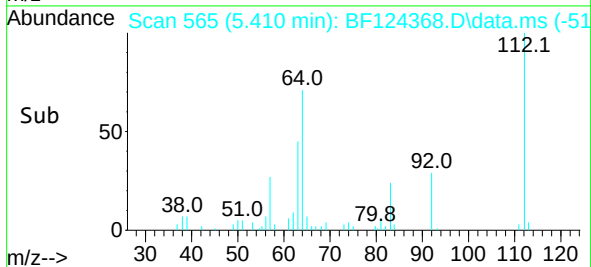
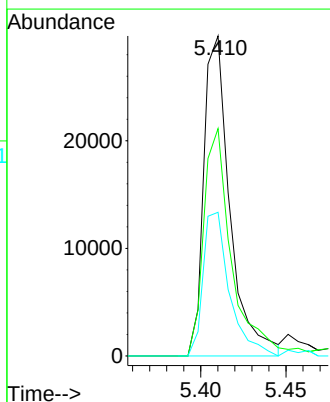
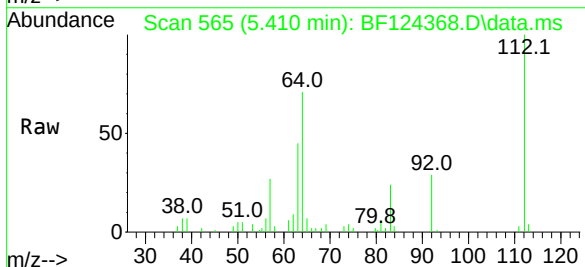
Instrument :
BNA_F
ClientSampled :
HD-01-061621

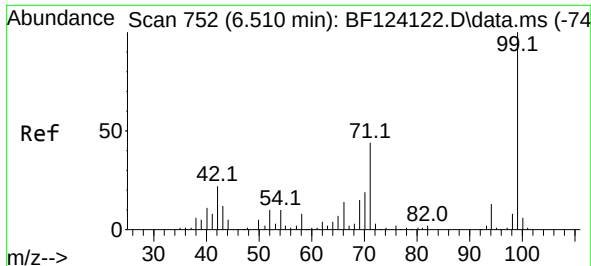
Tgt Ion:152 Resp: 33848
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 61.6 54.3 81.5



#5
2-Fluorophenol
Concen: 14.107 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124368.D
Acq: 17 Jun 2021 17:56

Tgt Ion:112 Resp: 31720
Ion Ratio Lower Upper
112 100
64 71.0 61.4 92.0
63 44.9 33.0 49.4

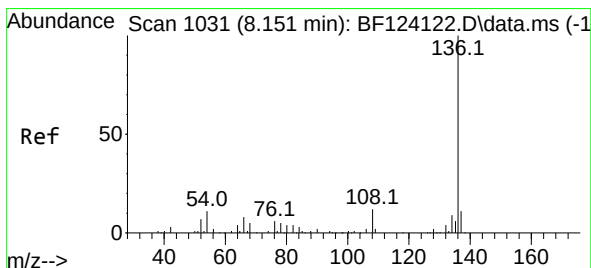
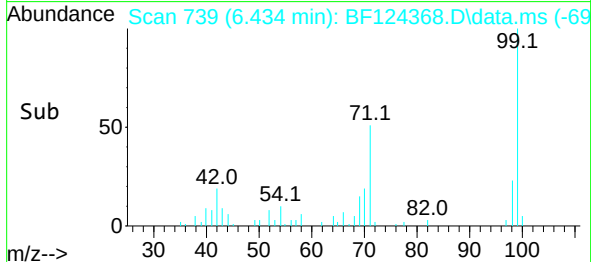
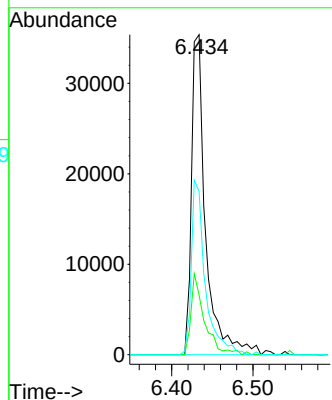
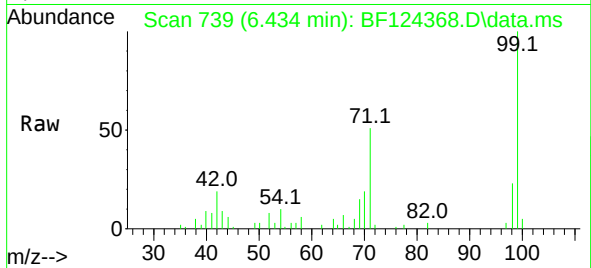




#7
Phenol-d6
Concen: 14.314 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124368.D
Acq: 17 Jun 2021 17:56

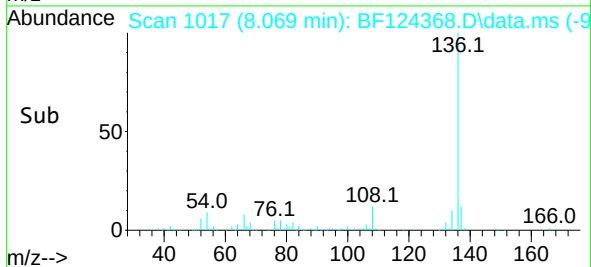
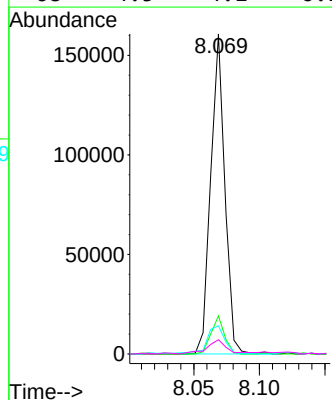
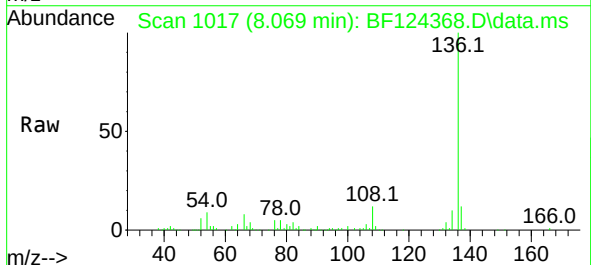
Instrument :
BNA_F
ClientSampleId :
HD-01-061621

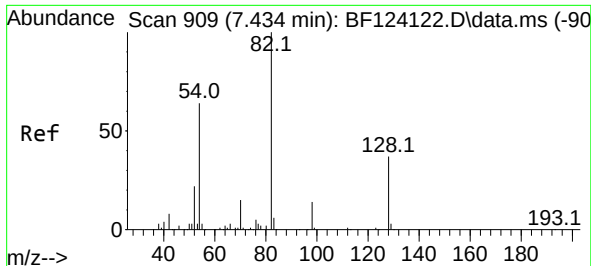
Tgt Ion: 99 Resp: 43262
Ion Ratio Lower Upper
99 100
42 18.6 19.8 29.8#
71 51.0 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124368.D
Acq: 17 Jun 2021 17:56

Tgt Ion: 136 Resp: 120834
Ion Ratio Lower Upper
136 100
137 11.9 8.7 13.1
54 8.8 9.8 14.6#
68 4.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 9.475 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF124368.D

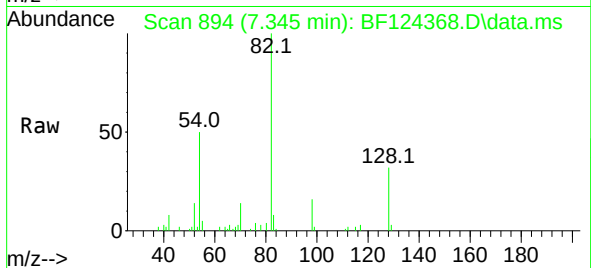
Acq: 17 Jun 2021 17:56

Instrument :

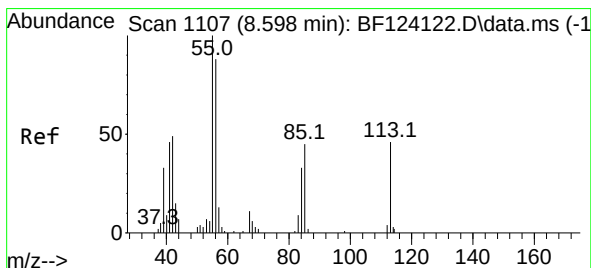
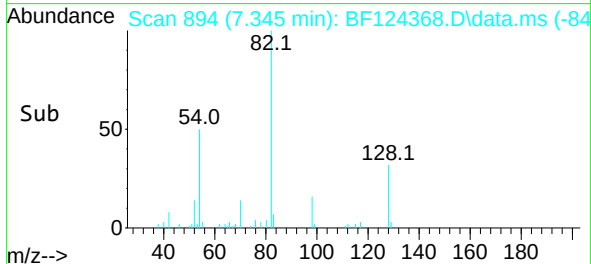
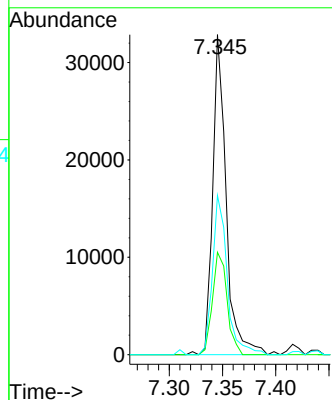
BNA_F

ClientSampleId :

HD-01-061621



Tgt Ion:	82	Resp:	28867
Ion	Ratio	Lower	Upper
82	100		
128	32.0	29.4	44.2
54	49.7	54.1	81.1#



#35

Caprolactam

Concen: 2.306 ng

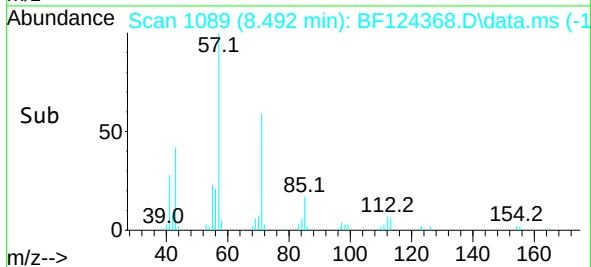
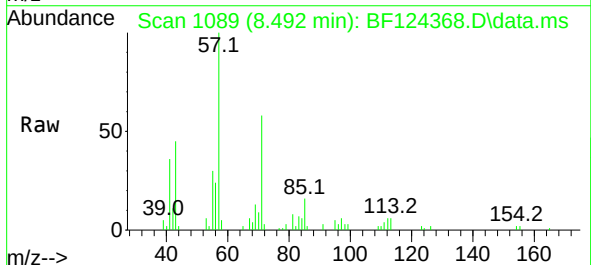
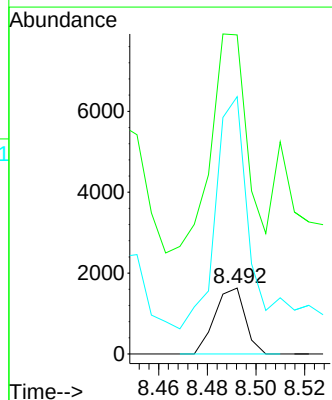
RT: 8.492 min Scan# 1089

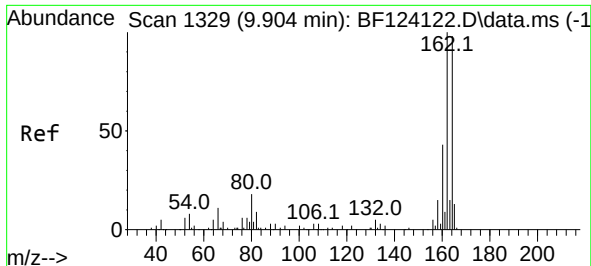
Delta R.T. -0.047 min

Lab File: BF124368.D

Acq: 17 Jun 2021 17:56

Tgt Ion:	113	Resp:	1411
Ion	Ratio	Lower	Upper
113	100		
55	483.9	254.9	294.9#
56	390.3	179.4	219.4#

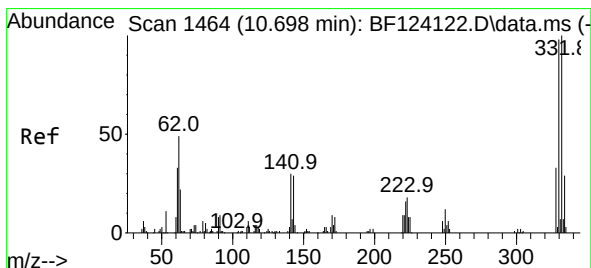
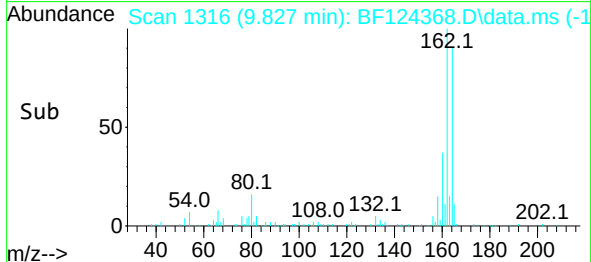
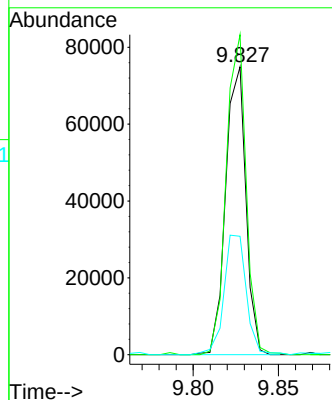
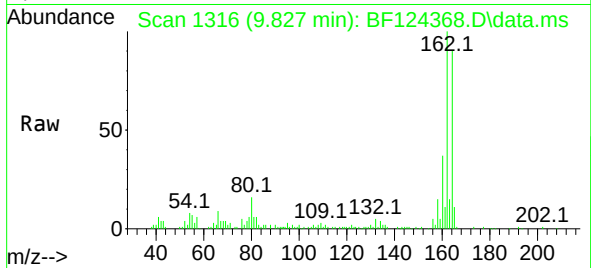




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF124368.D
Acq: 17 Jun 2021 17:56

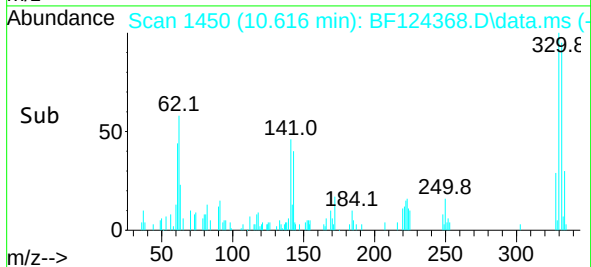
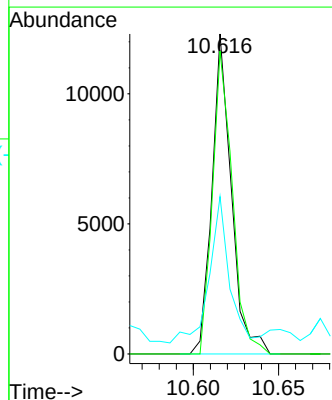
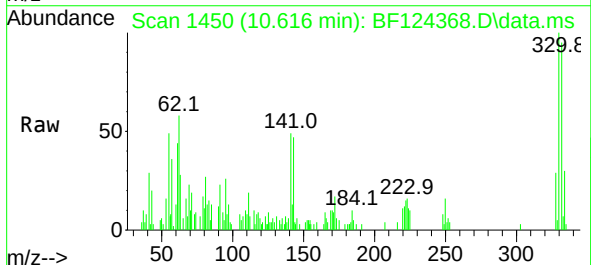
Instrument :
BNA_F
ClientSampleId :
HD-01-061621

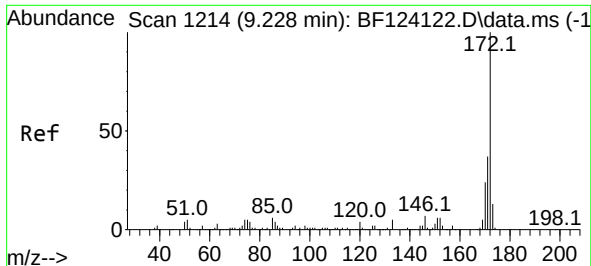
Tgt Ion:164 Resp: 61918
Ion Ratio Lower Upper
164 100
162 111.2 80.7 121.1
160 41.1 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 11.132 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124368.D
Acq: 17 Jun 2021 17:56

Tgt Ion:330 Resp: 9765
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 47.1 27.9 41.9#

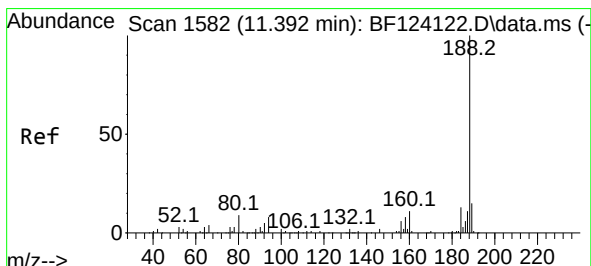
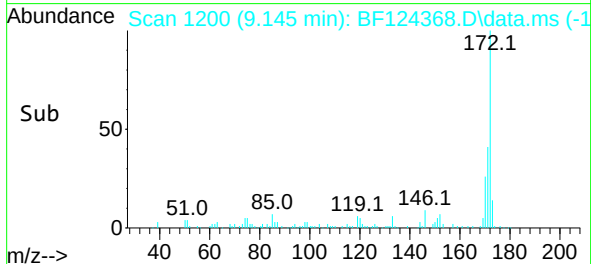
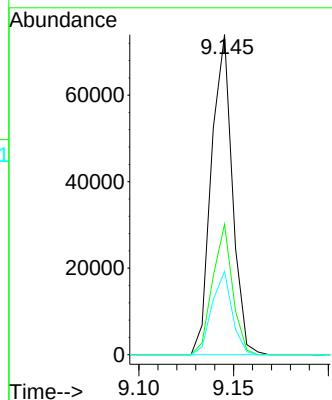
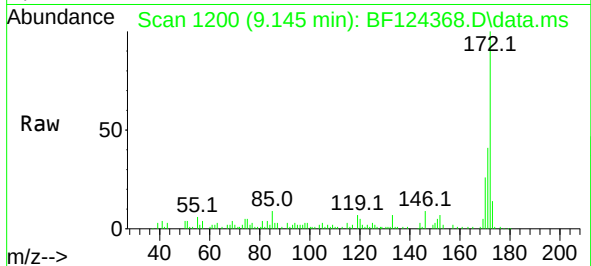




#45
2-Fluorobiphenyl
Concen: 11.536 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124368.D
Acq: 17 Jun 2021 17:56

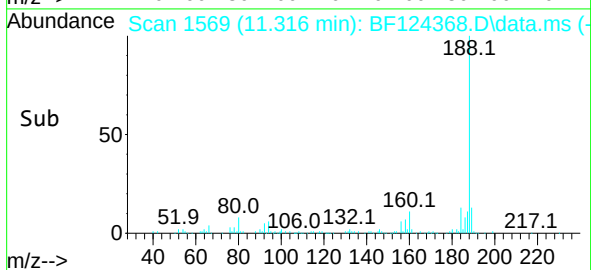
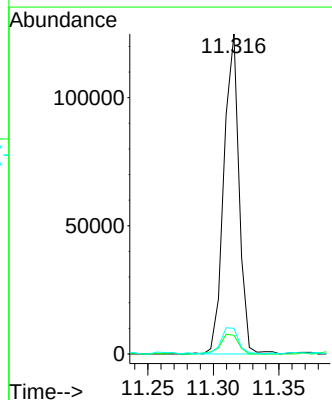
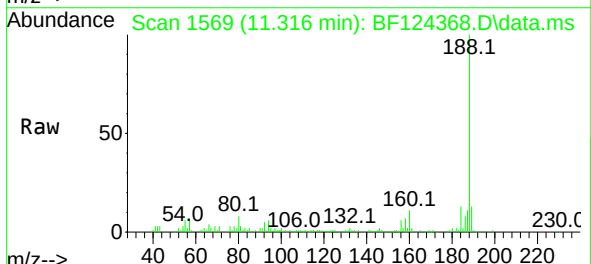
Instrument :
BNA_F
ClientSampleId :
HD-01-061621

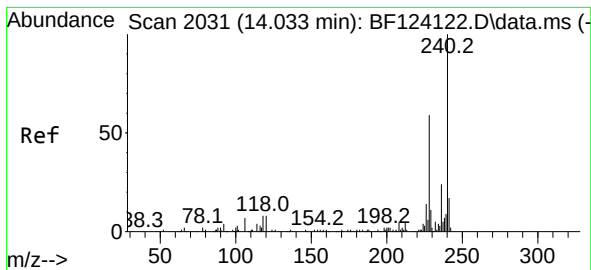
Tgt Ion:172 Resp: 56763
Ion Ratio Lower Upper
172 100
171 40.8 28.1 42.1
170 26.0 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF124368.D
Acq: 17 Jun 2021 17:56

Tgt Ion:188 Resp: 100419
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 8.0 8.2 12.2#

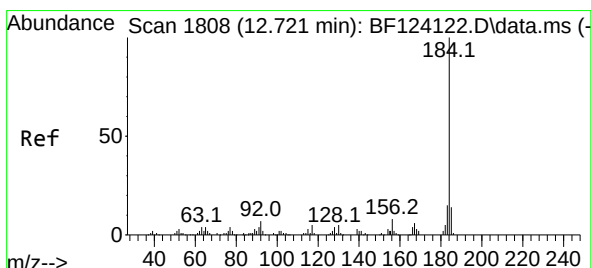
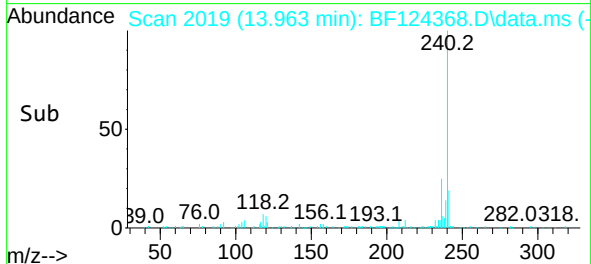
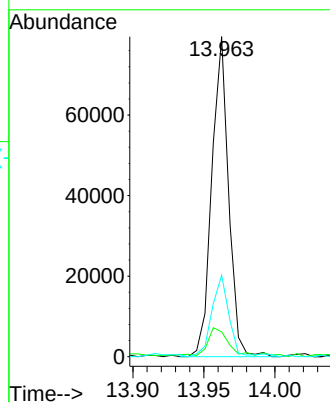
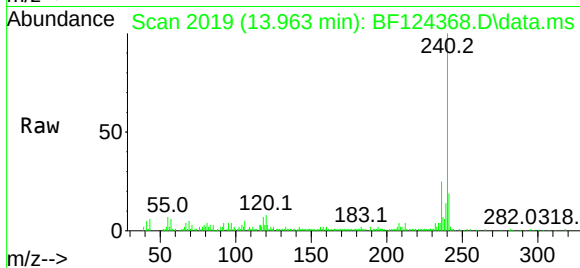




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124368.D
Acq: 17 Jun 2021 17:56

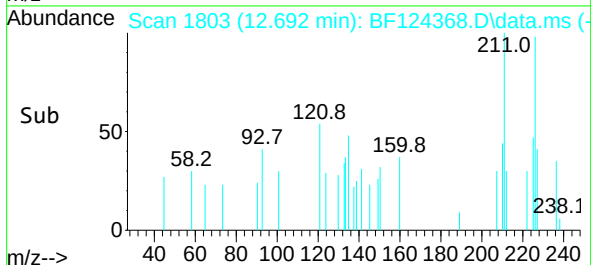
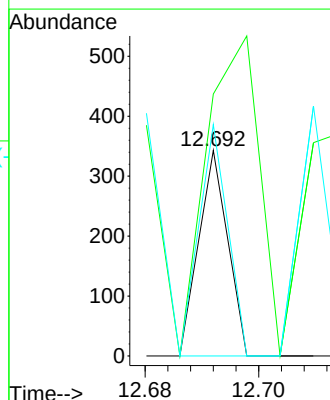
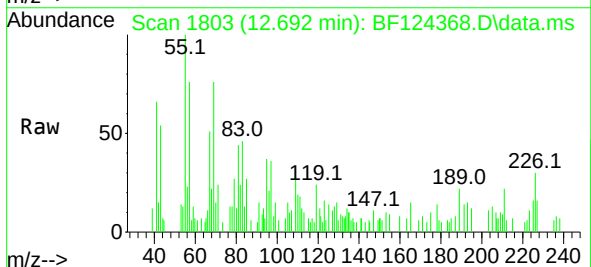
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ClientSampleId :
HD-01-061621

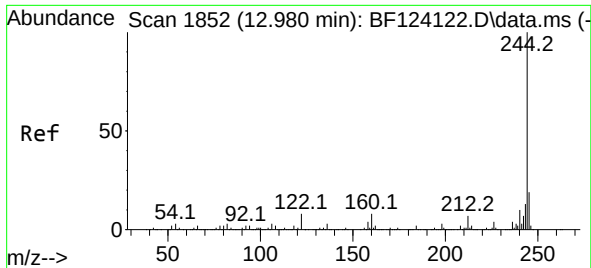
Tgt Ion:240 Resp: 65269
Ion Ratio Lower Upper
240 100
120 7.7 7.2 10.8
236 25.4 19.0 28.4



#77
Benzidine
Concen: 4.133 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF124368.D
Acq: 17 Jun 2021 17:56

Tgt Ion:184 Resp: 121
Ion Ratio Lower Upper
184 100
185 127.4 12.1 18.1#
183 112.5 7.8 11.8#

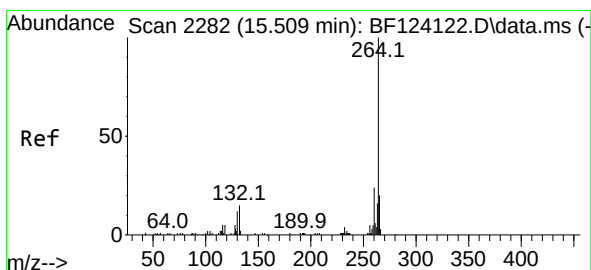
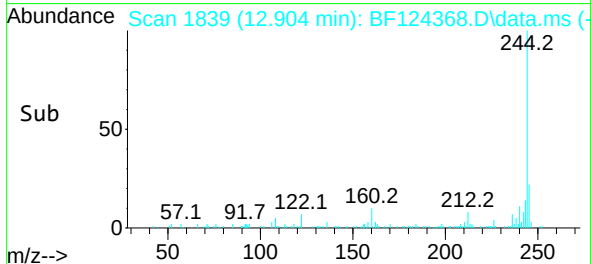
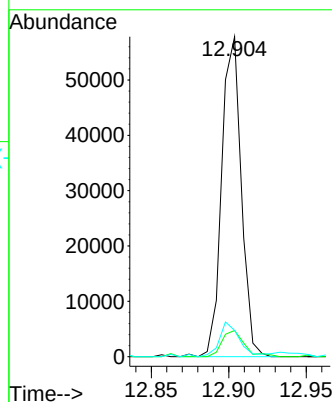
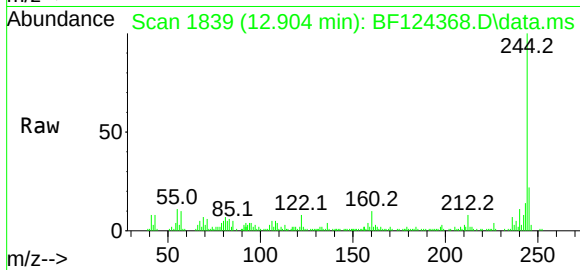




#79
 Terphenyl-d14
 Concen: 10.687 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF124368.D
 Acq: 17 Jun 2021 17:56

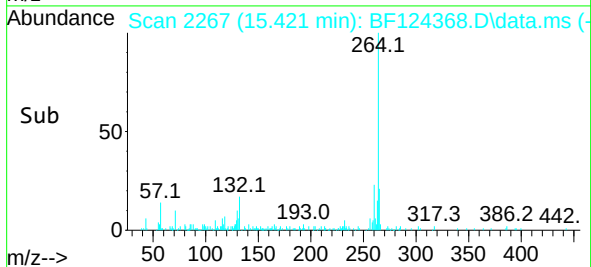
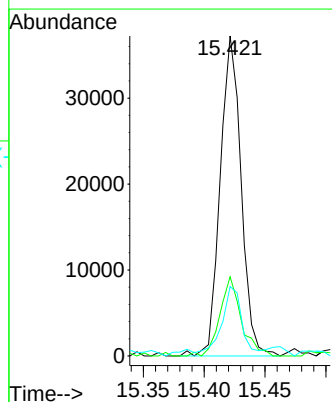
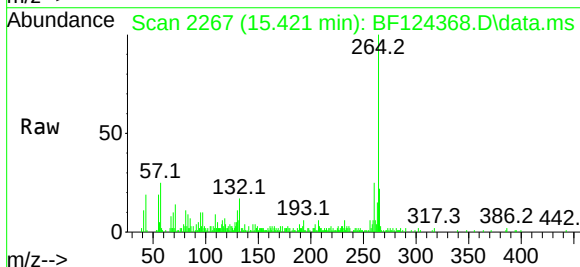
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 HD-01-061621

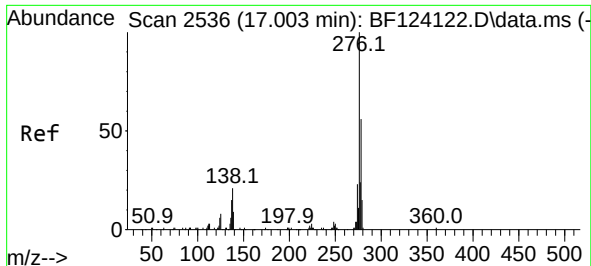
Tgt Ion:244 Resp: 50804
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 8.2 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF124368.D
 Acq: 17 Jun 2021 17:56

Tgt Ion:264 Resp: 44587
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.7 28.1
 265 21.7 17.8 26.8

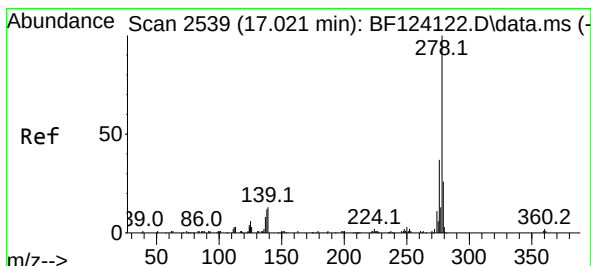
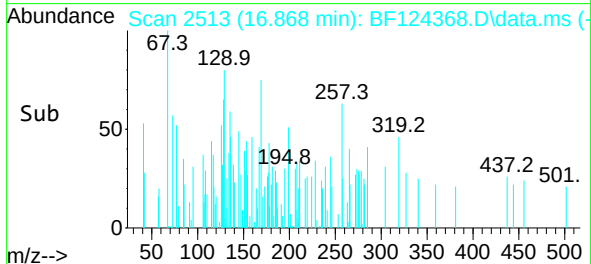
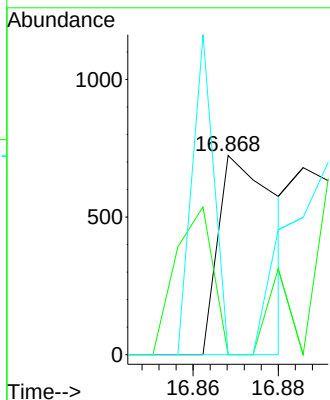
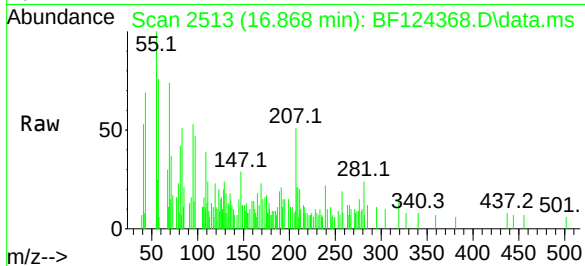




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.503 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.006 min
Lab File: BF124368.D
Acq: 17 Jun 2021 17:56

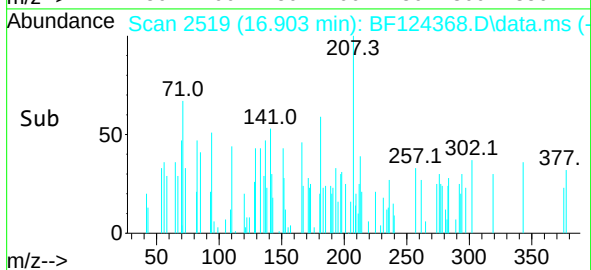
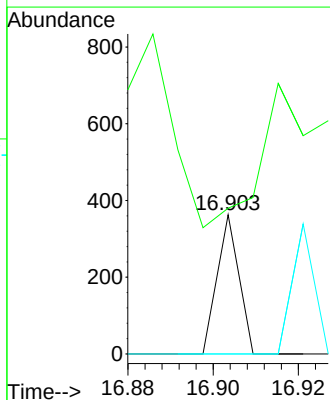
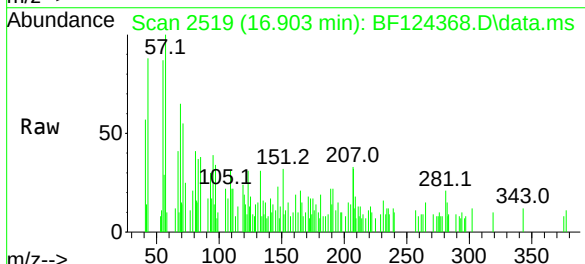
Instrument :
BNA_F
ClientSampleId :
HD-01-061621

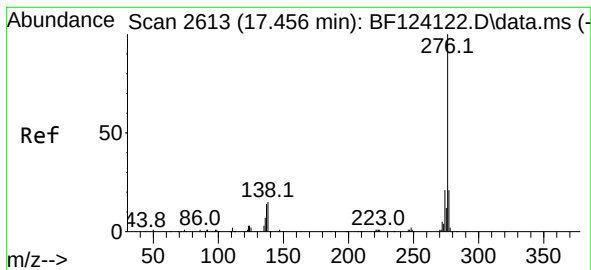
Tgt Ion:276 Resp: 683
Ion Ratio Lower Upper
276 100
138 48.0 16.2 24.2#
277 60.2 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.212 ng
RT: 16.903 min Scan# 2519
Delta R.T. 0.018 min
Lab File: BF124368.D
Acq: 17 Jun 2021 17:56

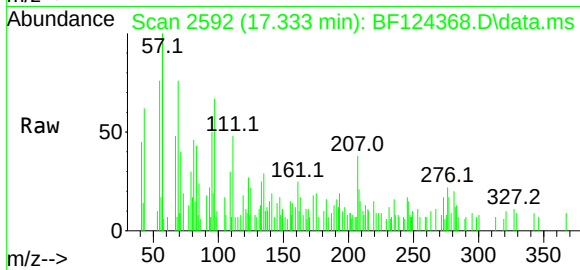
Tgt Ion:278 Resp: 128
Ion Ratio Lower Upper
278 100
139 104.7 10.2 15.2#
279 0.0 19.4 29.0#





#92
Benzo(g,h,i)perylene
Concen: 4.369 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.018 min
Lab File: BF124368.D
Acq: 17 Jun 2021 17:56

Instrument :
BNA_F
ClientSampleId :
HD-01-061621



Tgt Ion	Ratio	Lower	Upper
276	100		
277	77.4	18.2	27.2#
138	46.0	13.8	20.6#

