

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123972.D
 Acq On : 17 May 2021 19:54
 Operator : JU/CG
 Sample : M2392-23
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Quant Time: May 18 00:57:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

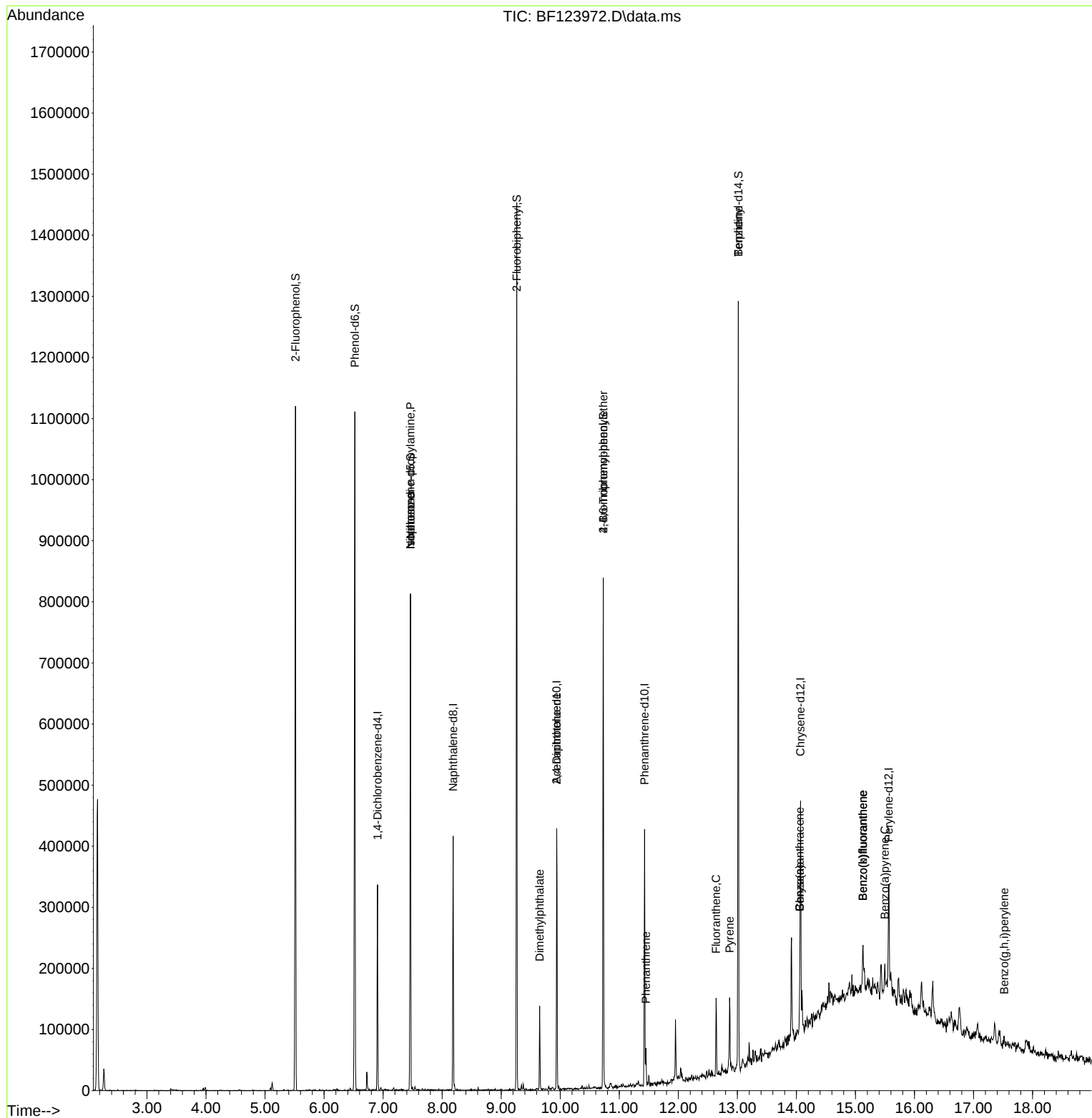
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	37855	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	141267	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	74129	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	125502	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	103647	20.00	ng	# 0.00
86) Perylene-d12	15.562	264	72451	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	229633	85.17	ng	0.00
7) Phenol-d6	6.522	99	281618	80.52	ng	0.00
23) Nitrobenzene-d5	7.463	82	201374	61.42	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	73845	82.94	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	351383	58.33	ng	0.00
79) Terphenyl-d14	13.015	244	334557	48.89	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	28259	11.96	ng	# 81
25) Isophorone	7.463	82	201371	31.93	ng	# 69
50) Dimethylphthalate	9.651	163	38689	6.54	ng	# 95
57) 2,4-Dinitrotoluene	9.939	165	9605	6.54	ng	# 17
67) 4-Bromophenyl-phenylether	10.727	248	4606	2.79	ng	# 1
71) Phenanthrene	11.451	178	17381	2.19	ng	96
75) Fluoranthene	12.639	202	43850	5.32	ng	99
77) Benzidine	13.015	184	5586	2.23	ng	# 86
78) Pyrene	12.868	202	43856	4.77	ng	98
81) Benzo(a)anthracene	14.057	228	25377	3.39	ng	98
83) Chrysene	14.057	228	25377	3.52	ng	96
88) Benzo(b)fluoranthene	15.127	252	35305	6.30	ng	# 78
89) Benzo(k)fluoranthene	15.127	252	35305	6.91	ng	# 78
90) Benzo(a)pyrene	15.498	252	19655	4.06	ng	# 83
92) Benzo(g,h,i)perylene	17.521	276	11517	2.44	ng	# 82

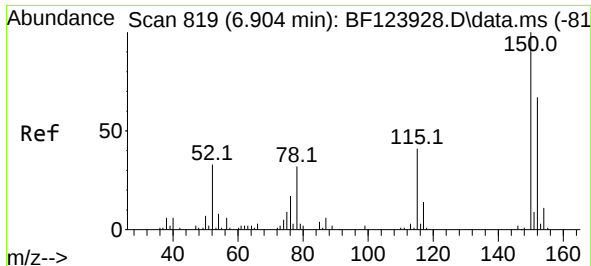
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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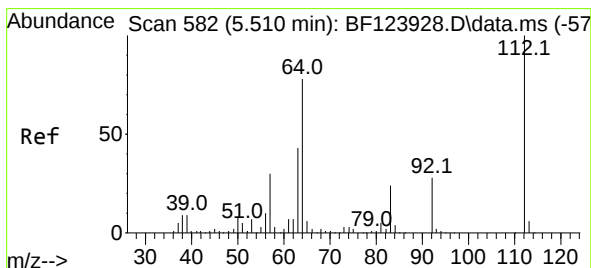
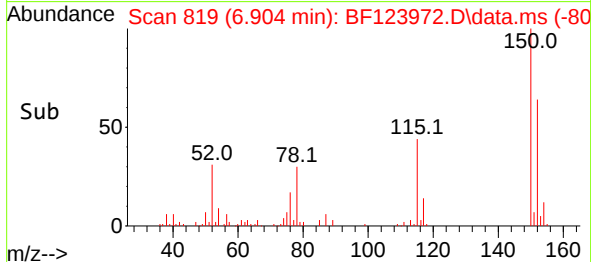
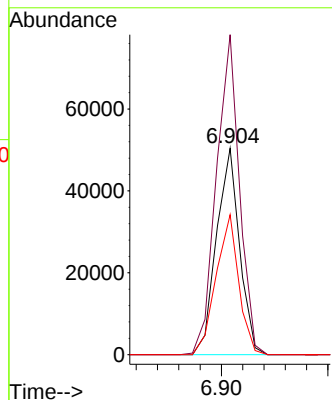
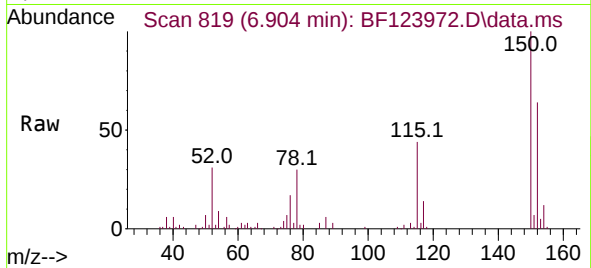




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

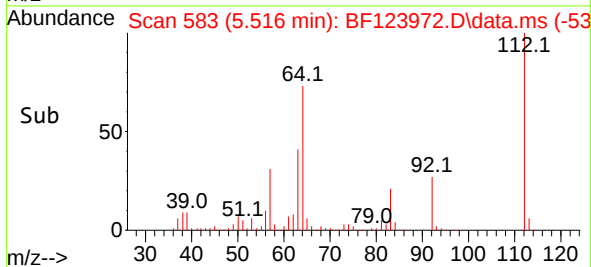
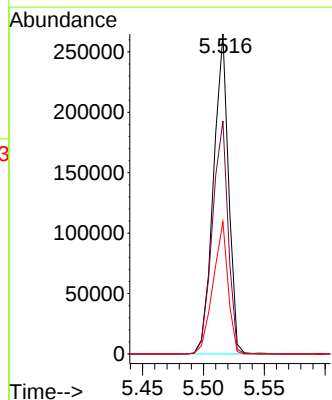
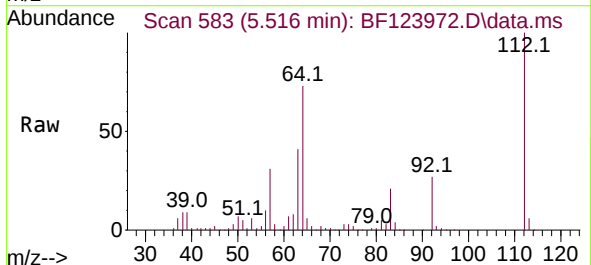
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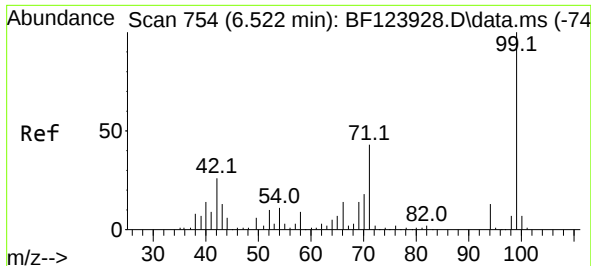
Tgt Ion:152 Resp: 37855
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.6
115 67.8 54.3 81.5



#5
2-Fluorophenol
Concen: 85.17 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

Tgt Ion:112 Resp: 229633
Ion Ratio Lower Upper
112 100
64 72.8 61.4 92.0
63 41.3 33.0 49.4

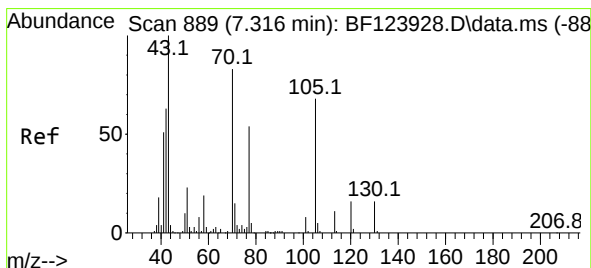
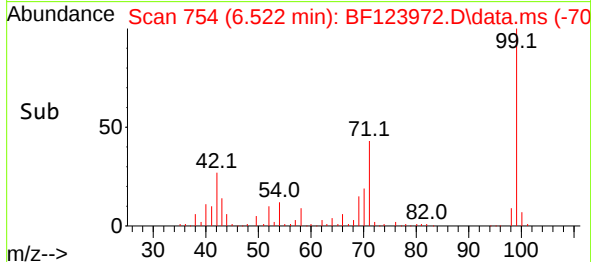
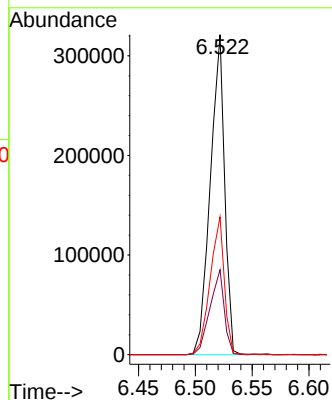
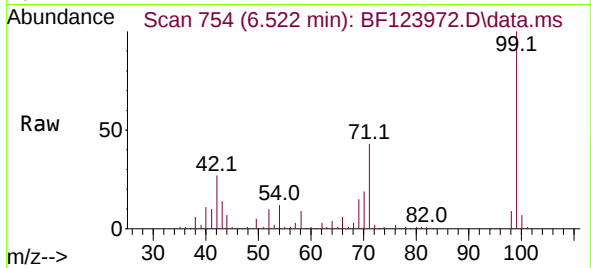




#7
Phenol-d6
Concen: 80.52 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

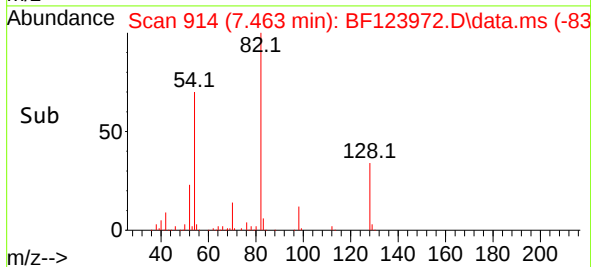
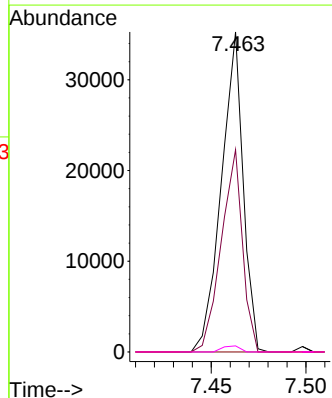
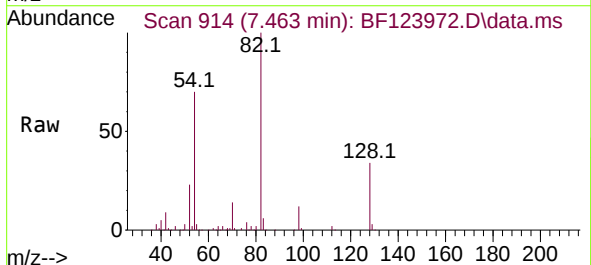
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 281618
Ion Ratio Lower Upper
99 100
42 26.5 19.8 29.8
71 43.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.96 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

Tgt Ion: 70 Resp: 28259
Ion Ratio Lower Upper
70 100
42 63.2 60.1 90.1
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#

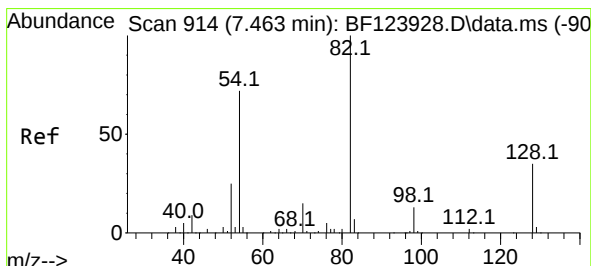
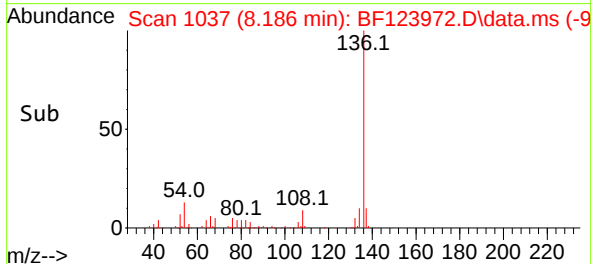
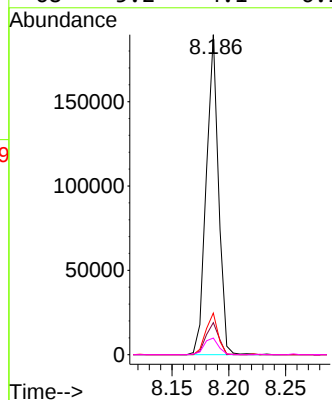
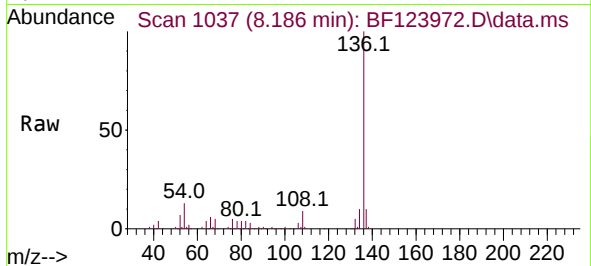




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

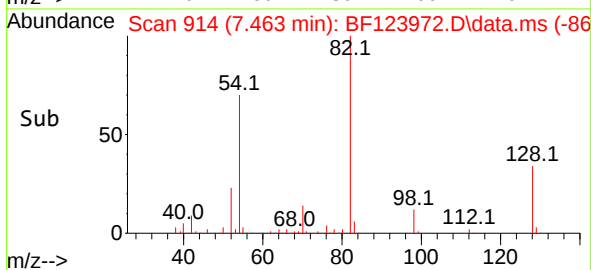
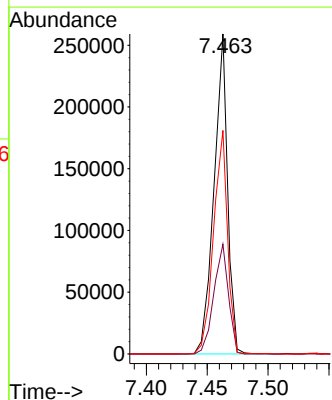
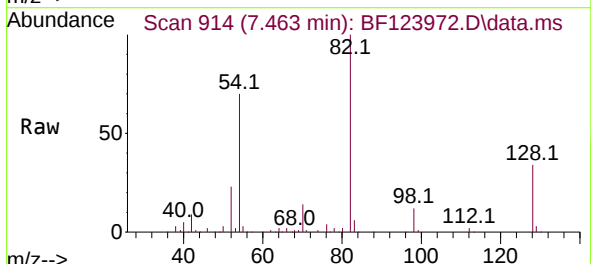
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

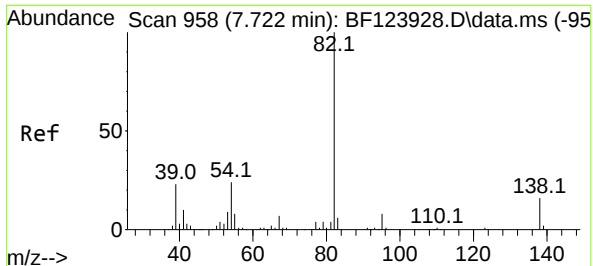
Tgt Ion:	136	Resp:	141267
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	13.0	9.8	14.6
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 61.42 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

Tgt Ion:	82	Resp:	201374
Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.4	44.2
54	69.8	54.1	81.1

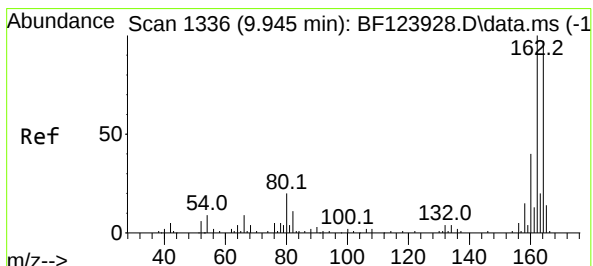
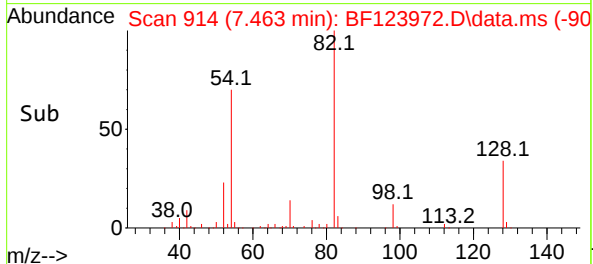
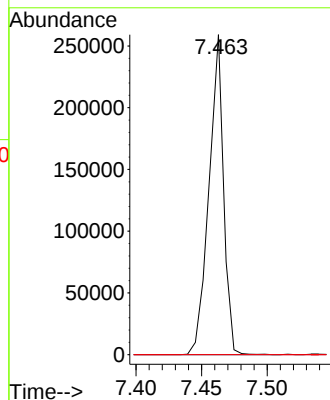
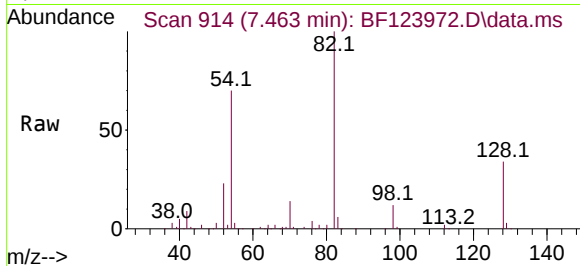




#25
Isophorone
Concen: 31.93 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

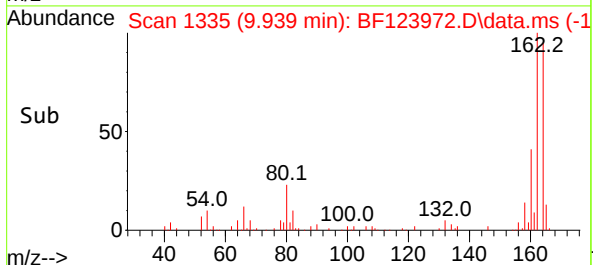
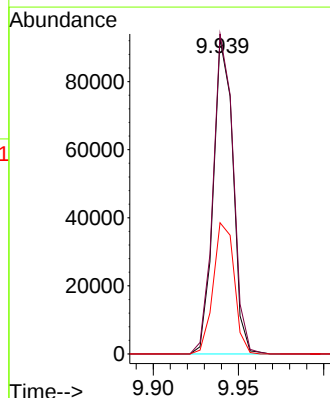
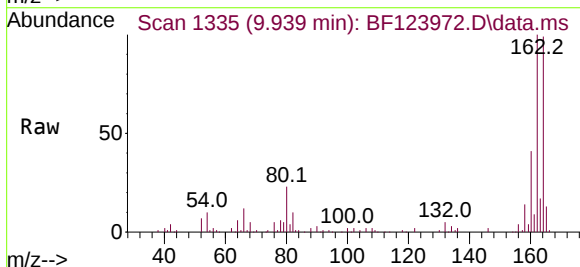
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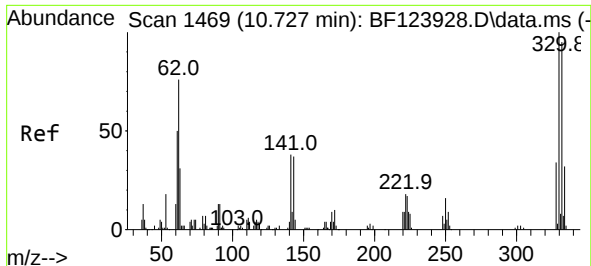
Tgt Ion: 82 Resp: 201371
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

Tgt Ion: 164 Resp: 74129
Ion Ratio Lower Upper
164 100
162 101.5 80.7 121.1
160 41.6 37.3 55.9

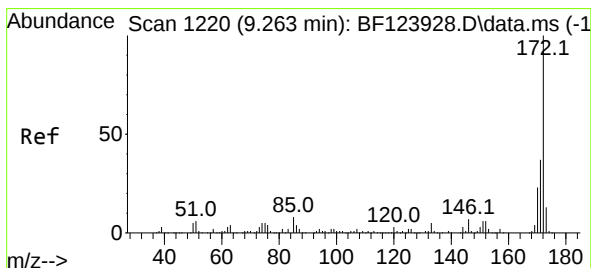
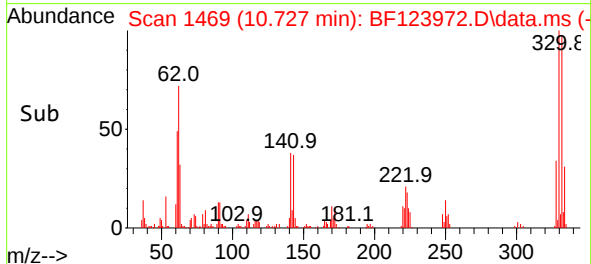
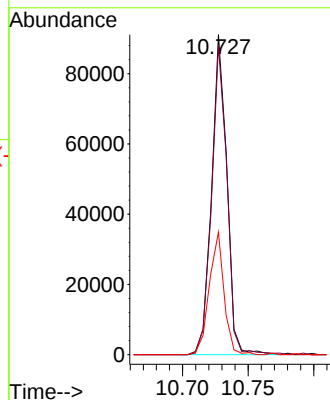
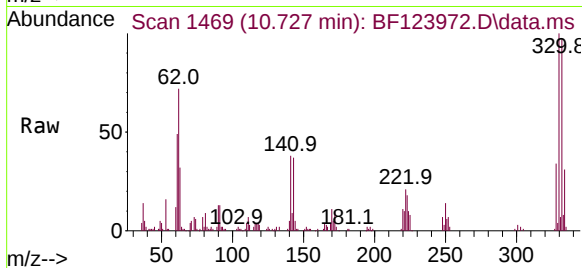




#42
2,4,6-Tribromophenol
Concen: 82.94 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

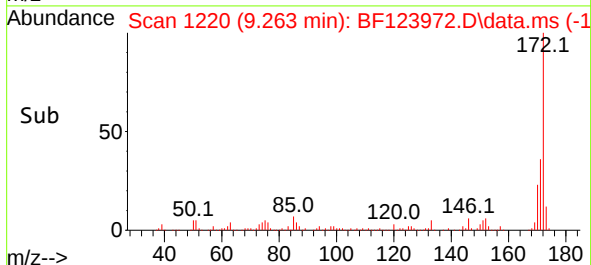
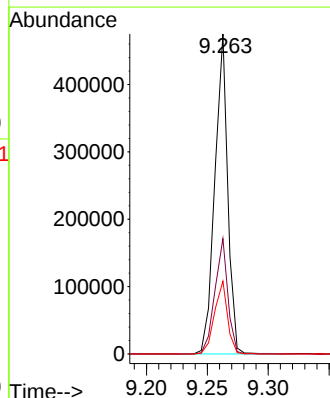
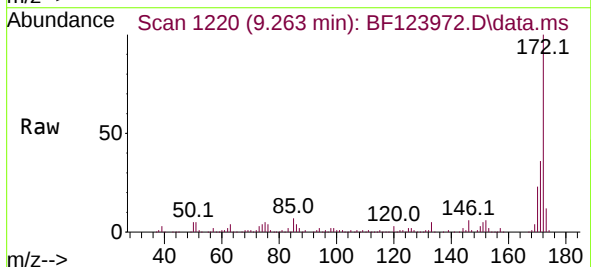
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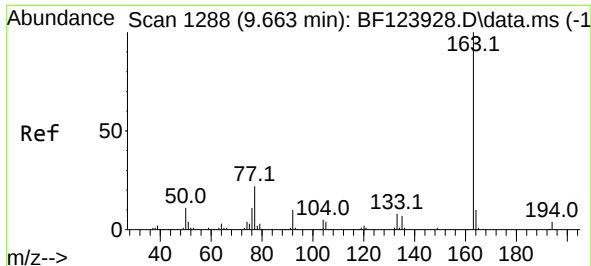
Tgt Ion: 330 Resp: 73845
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 37.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 58.33 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

Tgt Ion: 172 Resp: 351383
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 22.7 19.2 28.8

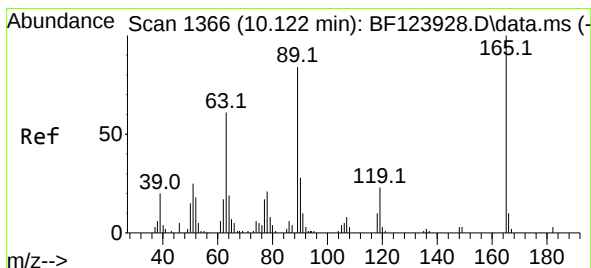
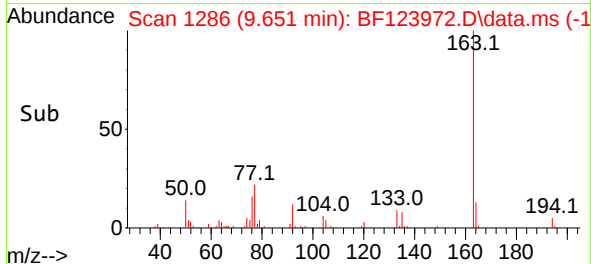
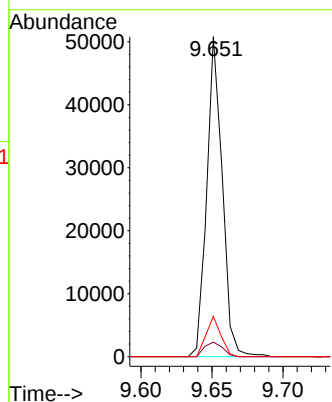
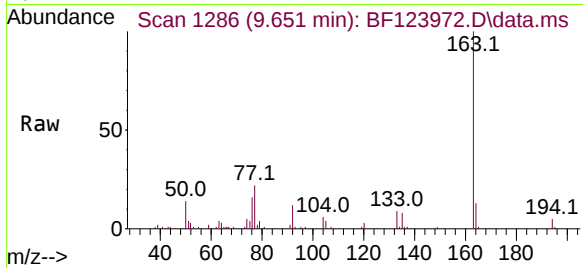




#50
Dimethylphthalate
Concen: 6.54 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

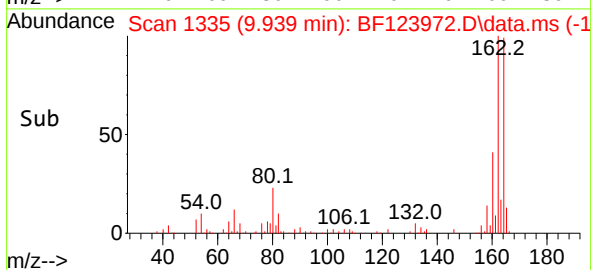
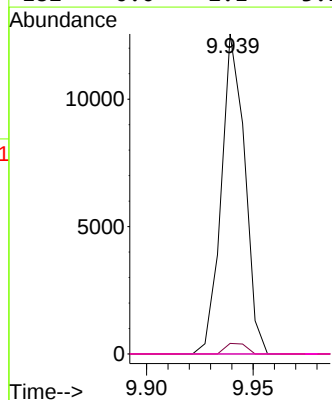
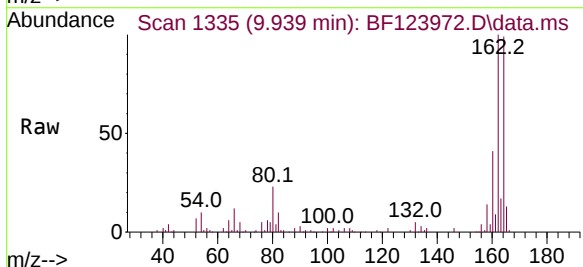
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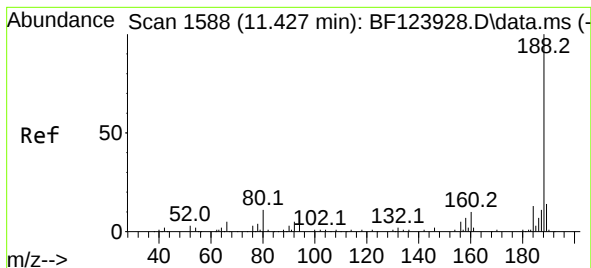
Tgt Ion:163 Resp: 38689
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 12.6 8.2 12.2#



#57
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

Tgt Ion:165 Resp: 9605
Ion Ratio Lower Upper
165 100
63 3.3 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

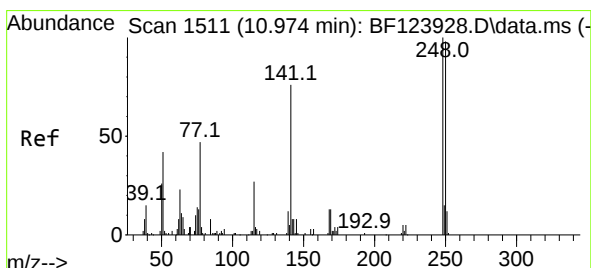
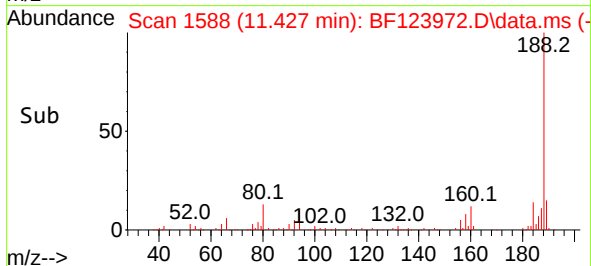
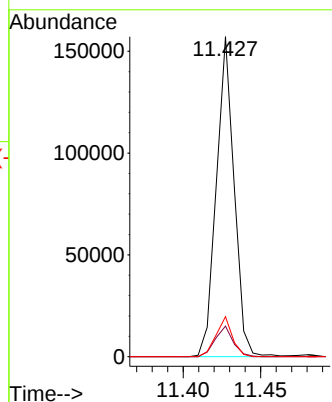
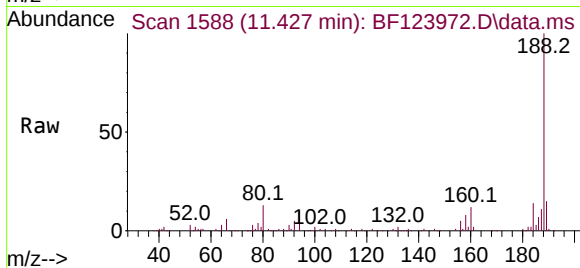




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

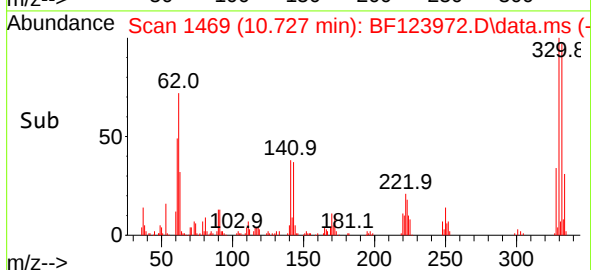
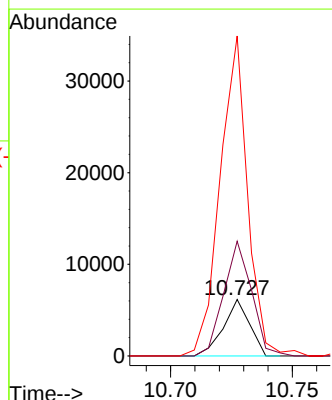
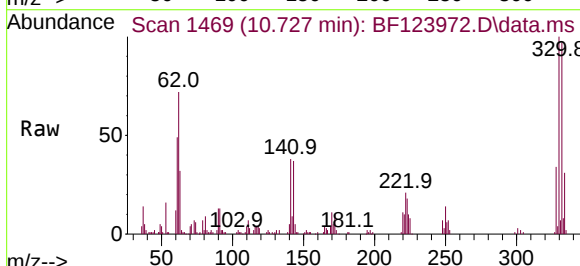
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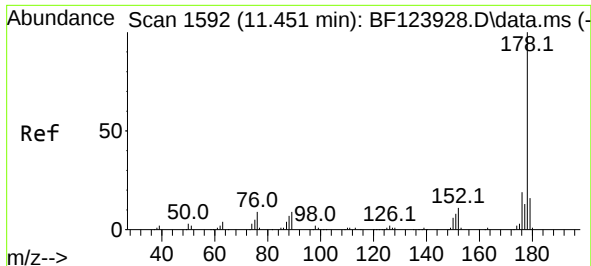
Tgt Ion:188 Resp: 125502
Ion Ratio Lower Upper
188 100
94 9.5 6.9 10.3
80 12.5 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 2.79 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

Tgt Ion:248 Resp: 4606
Ion Ratio Lower Upper
248 100
250 203.0 77.4 116.2#
141 566.0 63.7 95.5#

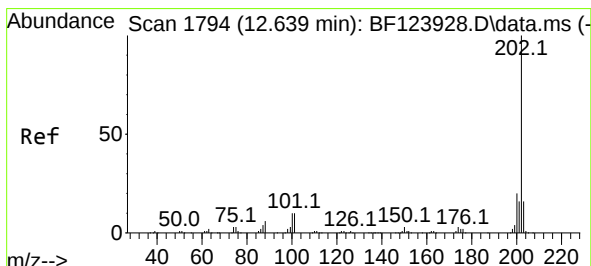
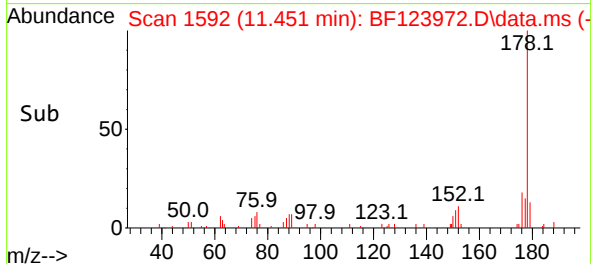
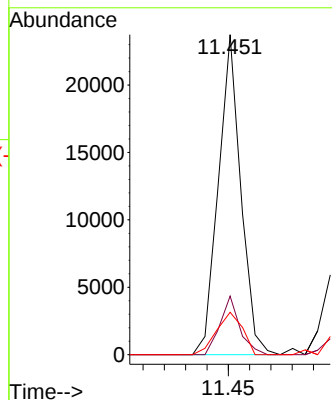
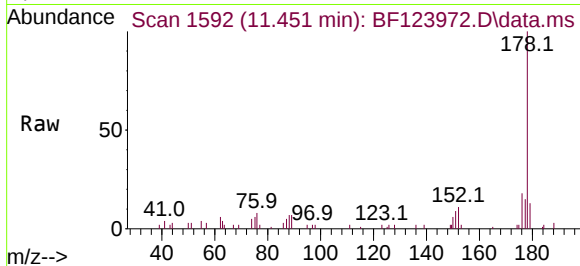




#71
Phenanthrene
Concen: 2.19 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

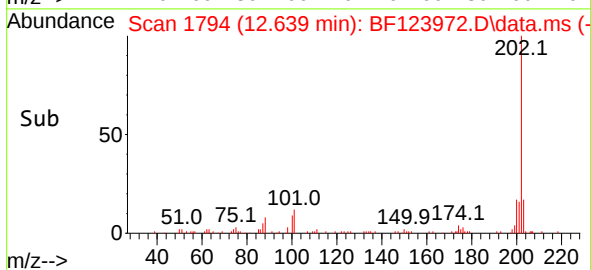
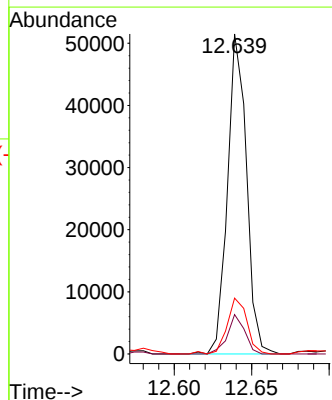
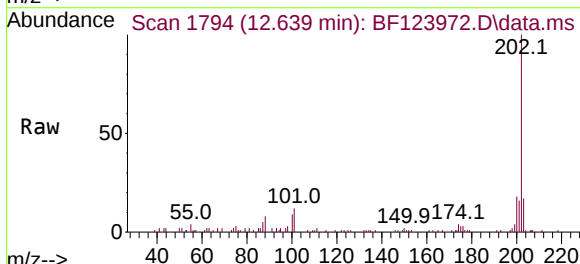
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

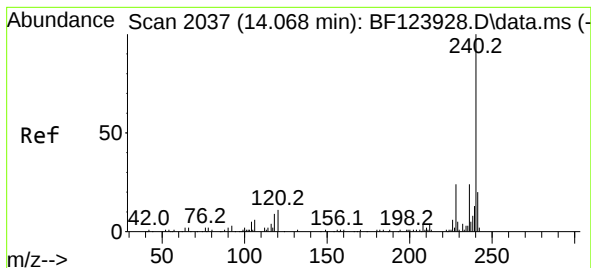
Tgt Ion:178 Resp: 17381
Ion Ratio Lower Upper
178 100
176 18.3 15.6 23.4
179 13.3 12.5 18.7



#75
Fluoranthene
Concen: 5.32 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

Tgt Ion:202 Resp: 43850
Ion Ratio Lower Upper
202 100
101 12.3 0.0 30.9
203 17.5 0.0 37.5





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF123972.D

Acq: 17 May 2021 19:54

Tgt Ion:240 Resp: 103647

Ion Ratio Lower Upper

240 100

120 10.9 7.2 10.8#

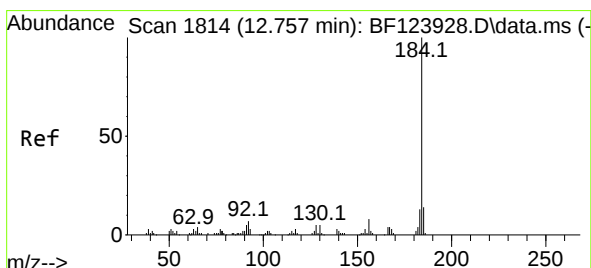
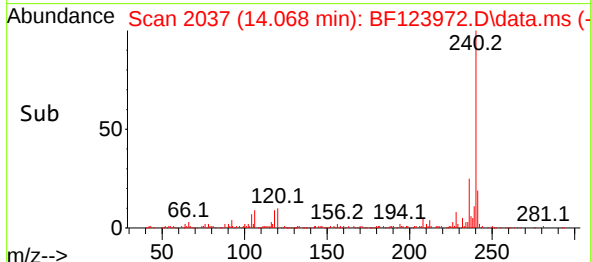
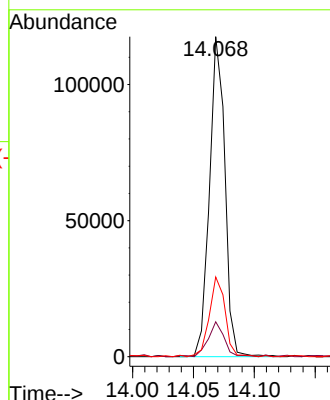
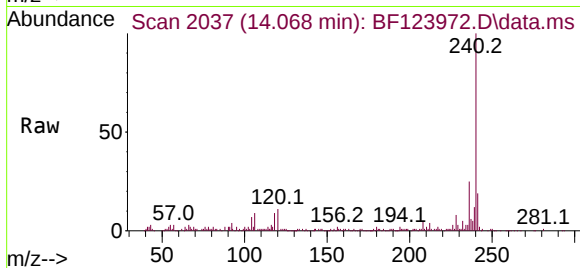
236 24.9 19.0 28.4

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP



#77

Benidine

Concen: 2.23 ng

RT: 13.015 min Scan# 1858

Delta R.T. 0.259 min

Lab File: BF123972.D

Acq: 17 May 2021 19:54

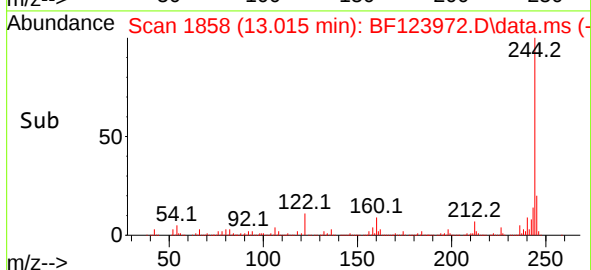
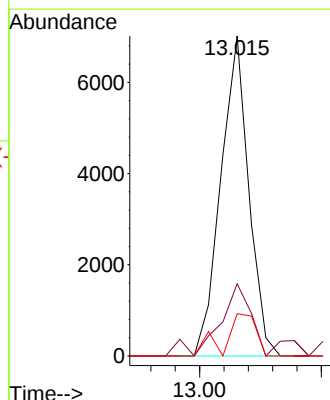
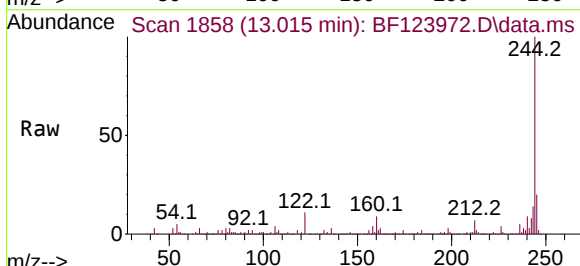
Tgt Ion:184 Resp: 5586

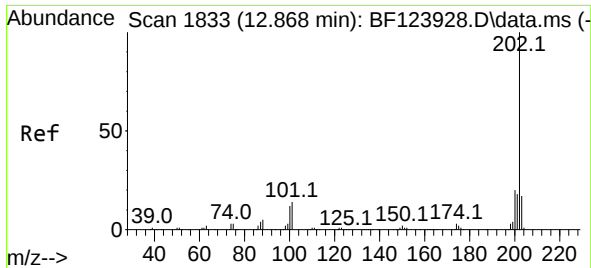
Ion Ratio Lower Upper

184 100

185 22.5 12.1 18.1#

183 13.2 7.8 11.8#

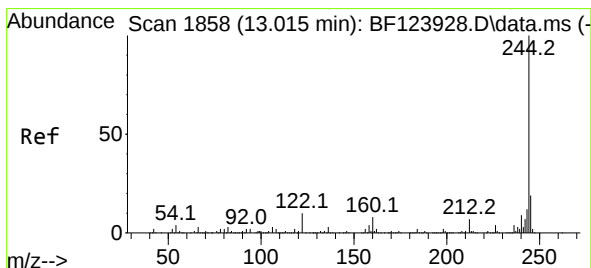
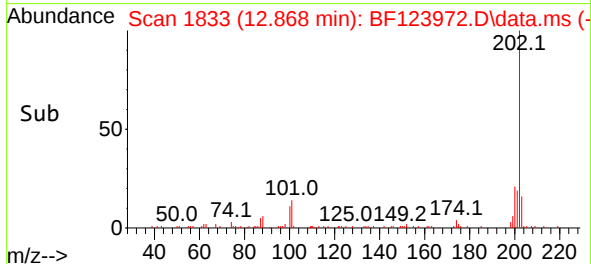
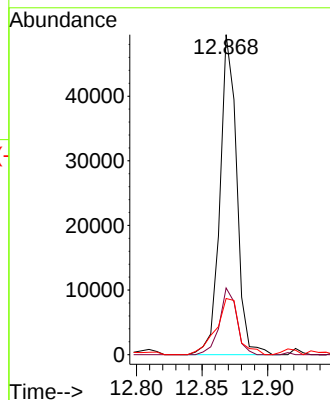
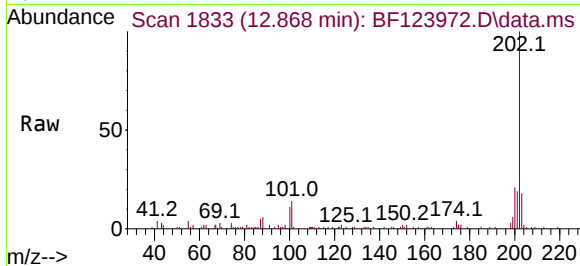




#78
Pyrene
Concen: 4.77 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

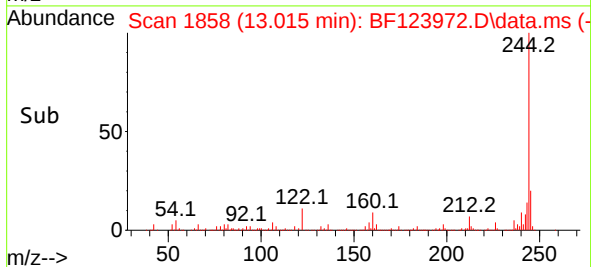
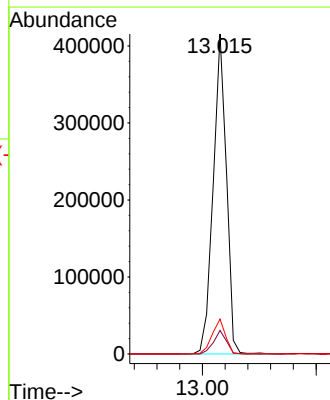
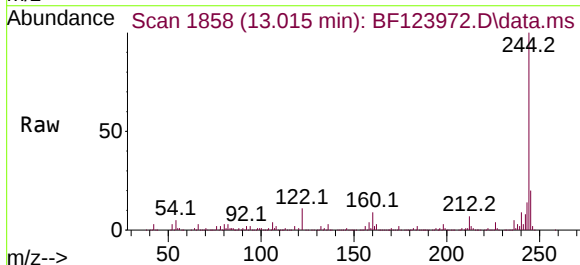
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

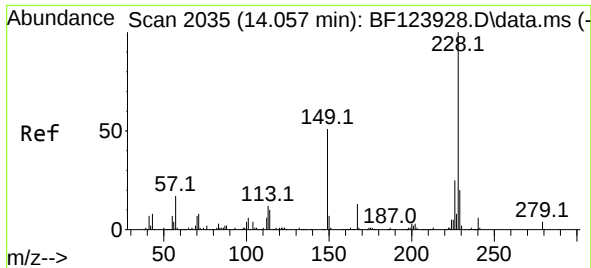
Tgt Ion:202	Resp:	43856
Ion Ratio	Lower	Upper
202	100	
200	20.9	16.1 24.1
203	17.6	14.8 22.2



#79
Terphenyl-d14
Concen: 48.89 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

Tgt Ion:244	Resp:	334557
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.7 8.5
122	10.9	9.7 14.5

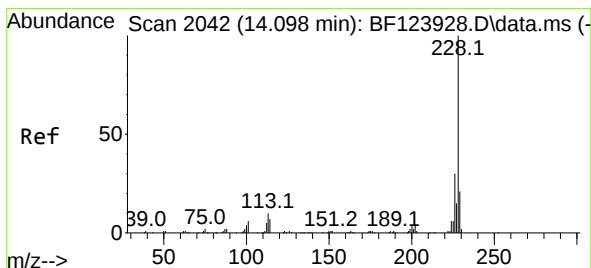
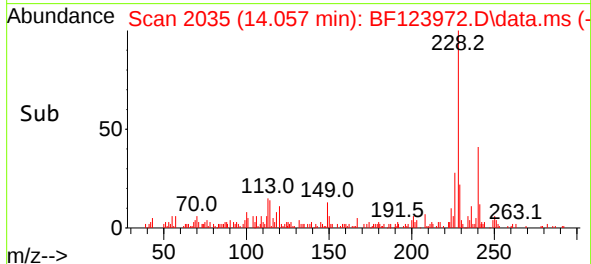
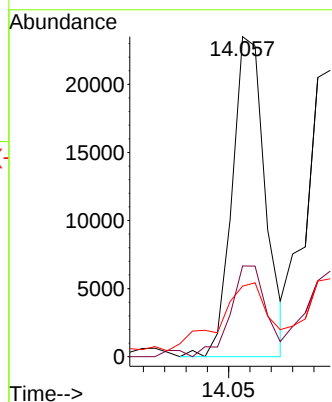
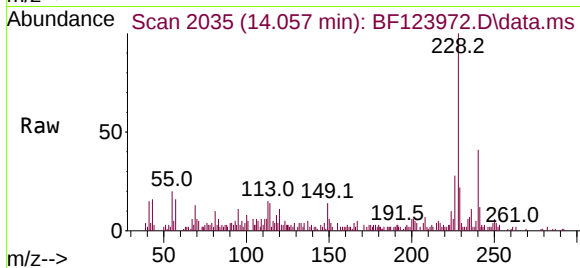




#81
Benzo(a)anthracene
Concen: 3.39 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

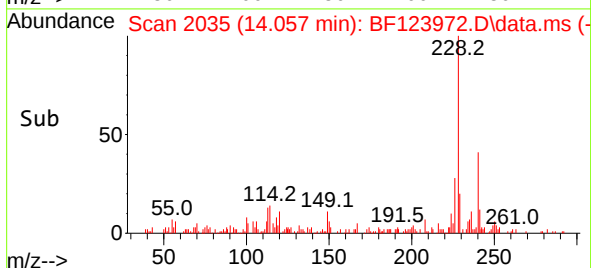
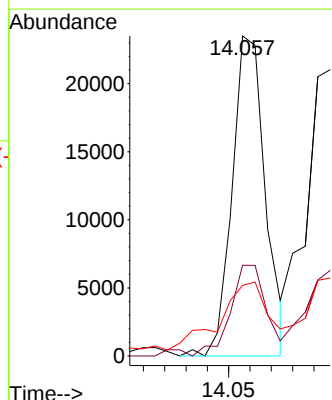
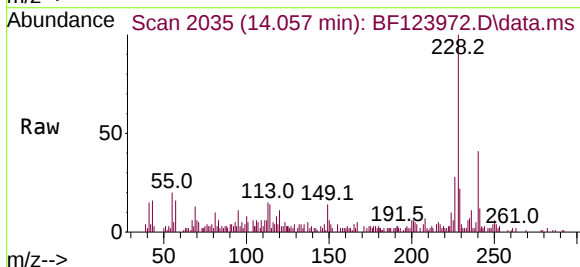
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

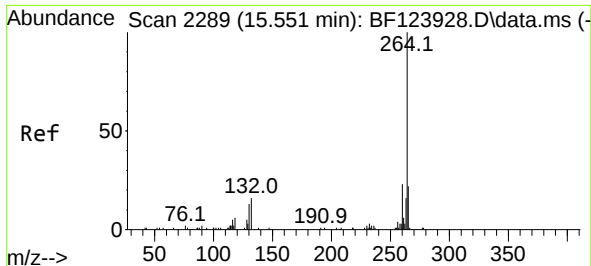
Tgt Ion:228	Resp:	25377
Ion Ratio	Lower	Upper
228	100	
226	28.4	22.4 33.6
229	22.0	16.0 24.0



#83
Chrysene
Concen: 3.52 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.041 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

Tgt Ion:228	Resp:	25377
Ion Ratio	Lower	Upper
228	100	
226	28.4	24.3 36.5
229	22.0	16.2 24.2

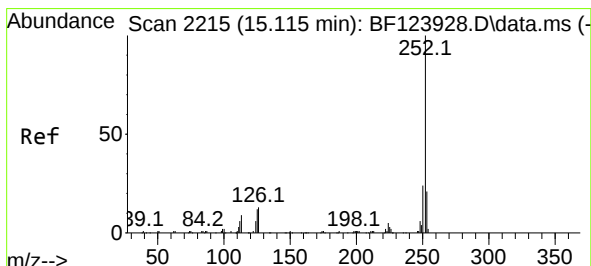
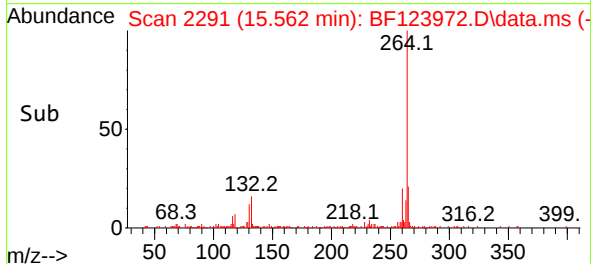
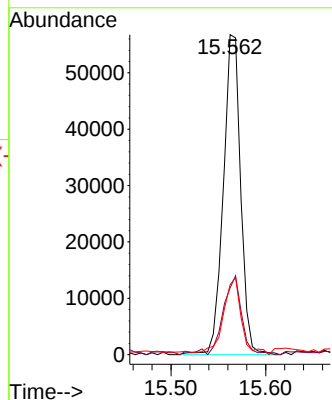
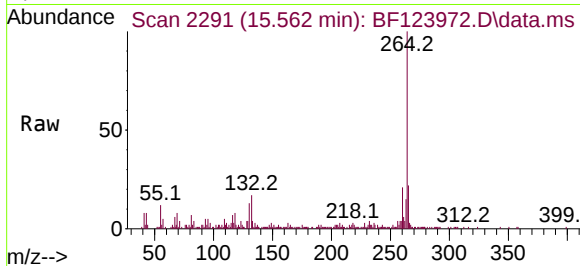




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

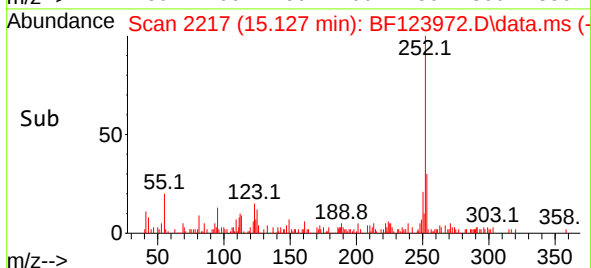
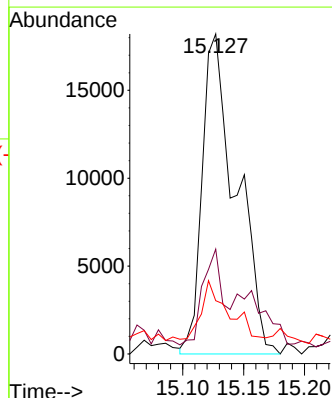
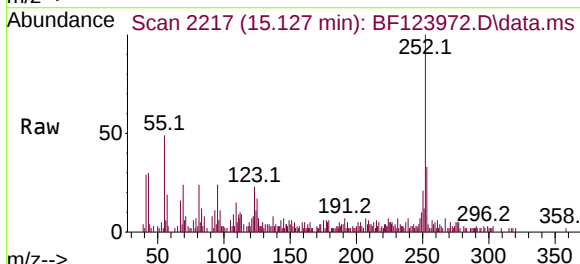
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

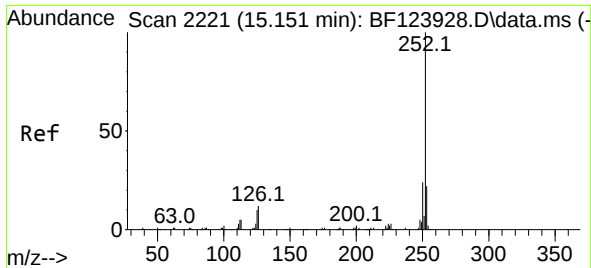
Tgt Ion:264	Resp:	72451
Ion Ratio	Lower	Upper
264	100	
260	20.9	18.7 28.1
265	21.9	17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 6.30 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.012 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

Tgt Ion:252	Resp:	35305
Ion Ratio	Lower	Upper
252	100	
253	32.7	18.1 27.1#
125	16.6	6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 6.91 ng

RT: 15.127 min Scan# 2217

Delta R.T. -0.024 min

Lab File: BF123972.D

Acq: 17 May 2021 19:54

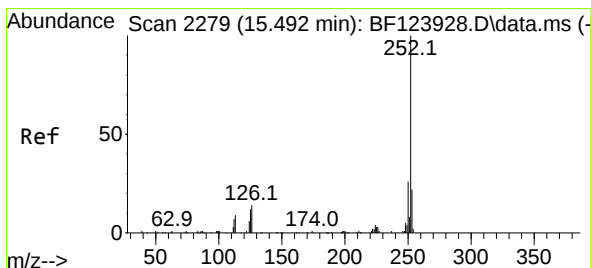
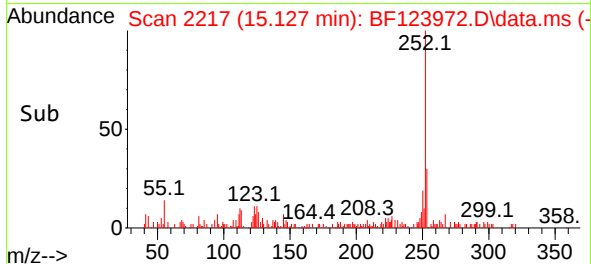
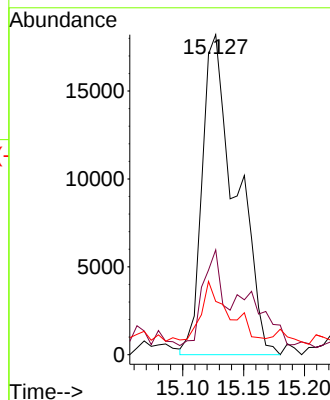
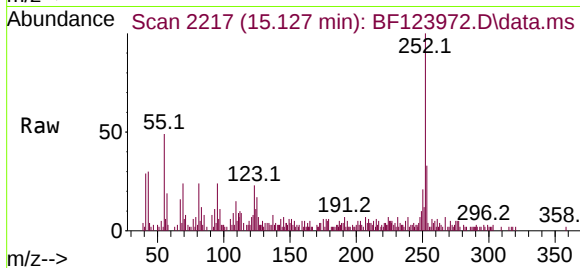
Tgt Ion:	252	Resp:	35305
Ion Ratio	Lower	Upper	
252	100		
253	32.7	17.9	26.9#
125	16.6	7.0	10.6#

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP



#90

Benzo(a)pyrene

Concen: 4.06 ng

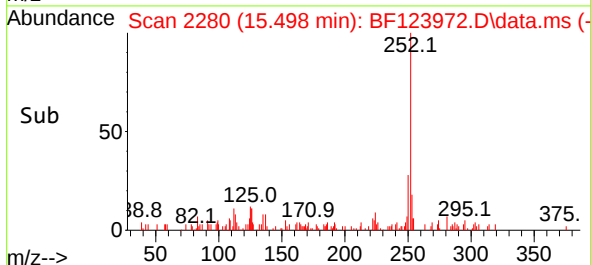
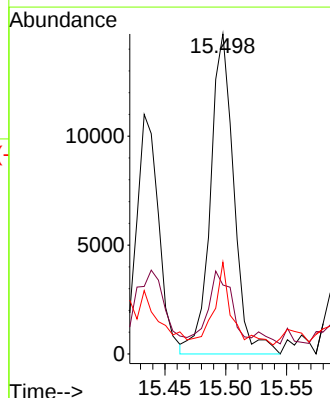
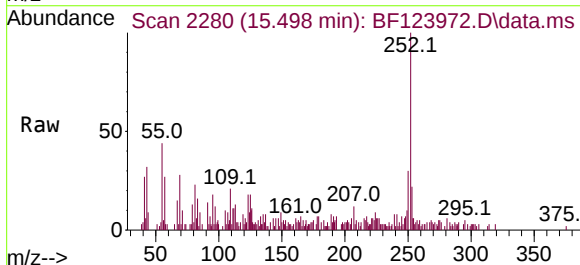
RT: 15.498 min Scan# 2280

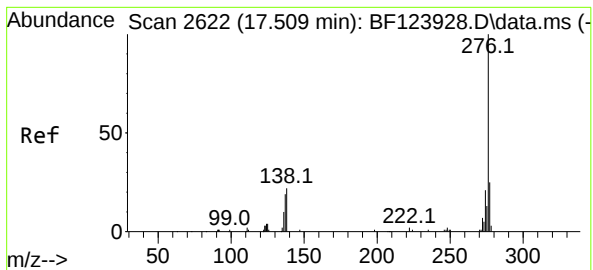
Delta R.T. 0.006 min

Lab File: BF123972.D

Acq: 17 May 2021 19:54

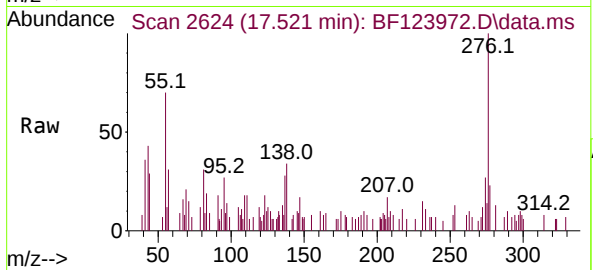
Tgt Ion:	252	Resp:	19655
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.4	27.6
125	28.6	8.0	12.0#





#92
 Benzo(g,h,i)perylene
 Concen: 2.44 ng
 RT: 17.521 min Scan# 2624
 Delta R.T. 0.012 min
 Lab File: BF123972.D
 Acq: 17 May 2021 19:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP



Tgt Ion:	276	Resp:	11517
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.2	27.2
138	34.4	13.8	20.6#

