

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

Manual Integrations
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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
50) Dimethylphthalate	9.651	163	38689	6.54	ng	# 95
71) Phenanthrene	11.451	178	17381	2.19	ng	96
75) Fluoranthene	12.639	202	43850	5.32	ng	99
78) Pyrene	12.868	202	43856	4.77	ng	98
81) Benzo(a)anthracene	14.057	228	25377	3.39	ng	98
83) Chrysene	14.098	228	23862m	3.31	ng	
88) Benzo(b)fluoranthene	15.127	252	24357m	4.35	ng	
89) Benzo(k)fluoranthene	15.151	252	10417m	2.04	ng	
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

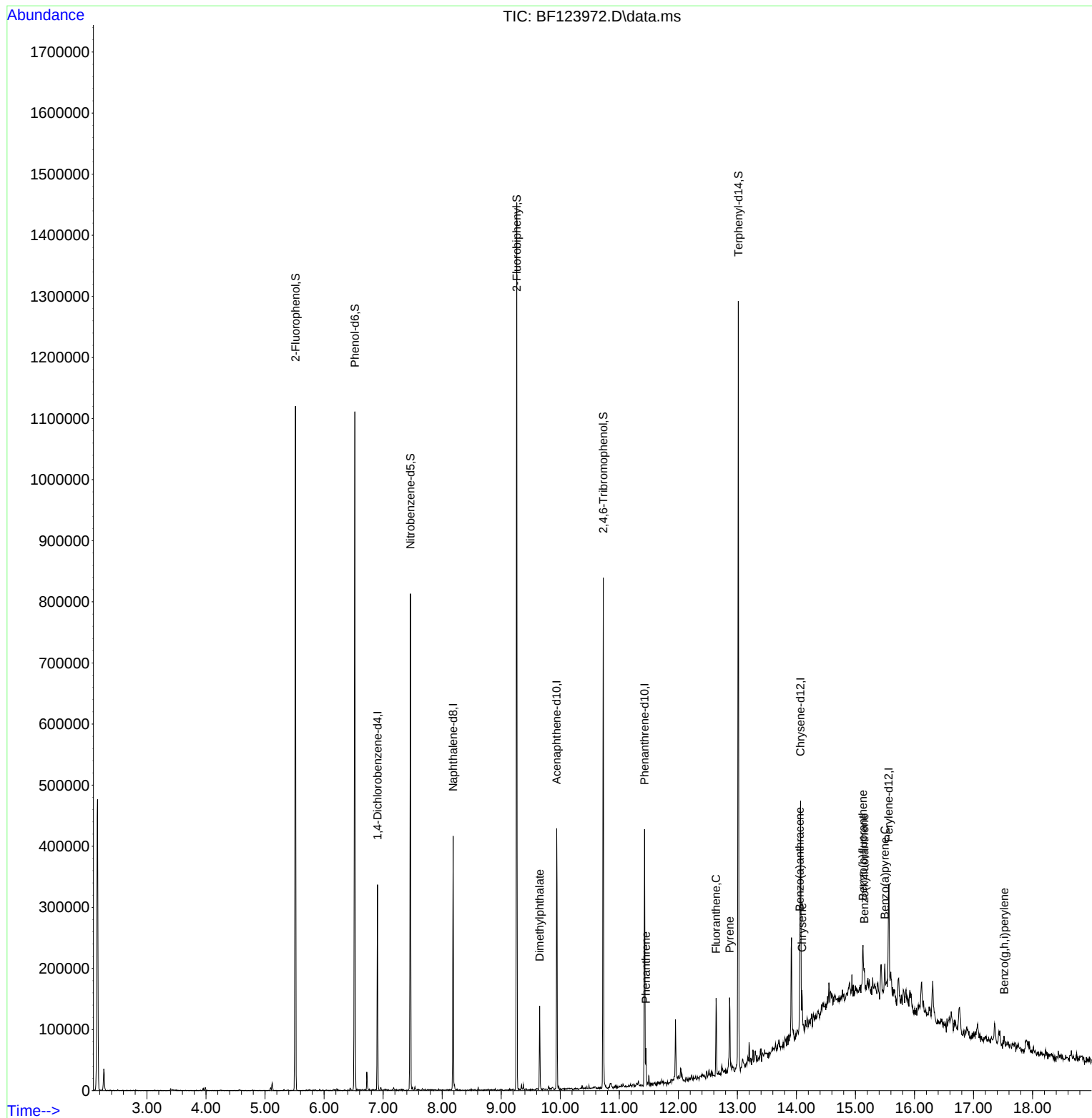
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
Data File : BF123972.D
Acq On : 17 May 2021 19:54
Operator : JU/CG
Sample : M2392-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

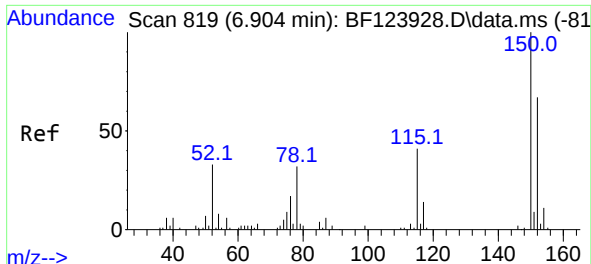
Instrument :
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ClientSampleId :
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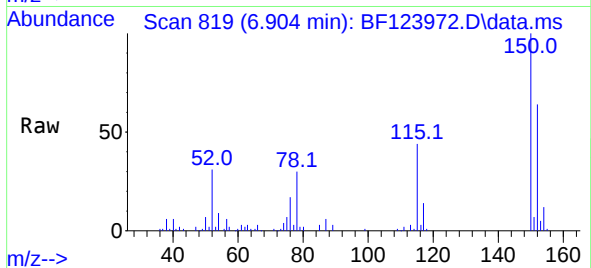
Quant Time: May 18 00:57:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration





#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

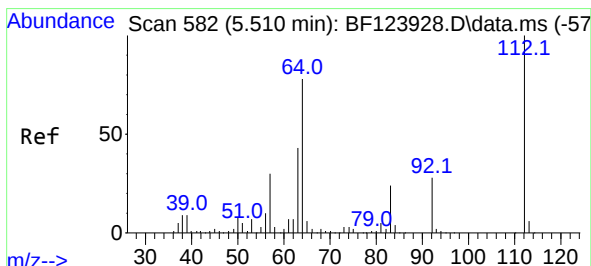
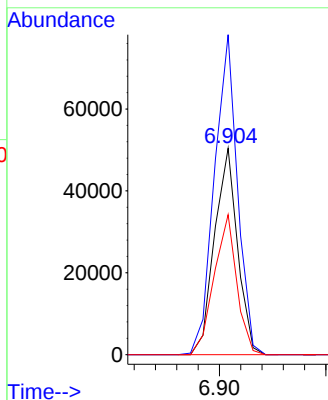
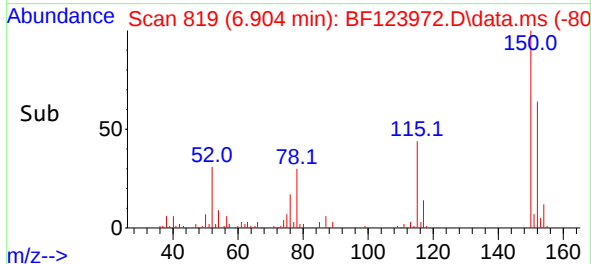
Instrument :
BNA_F
ClientSampled :
SB-08-COMP



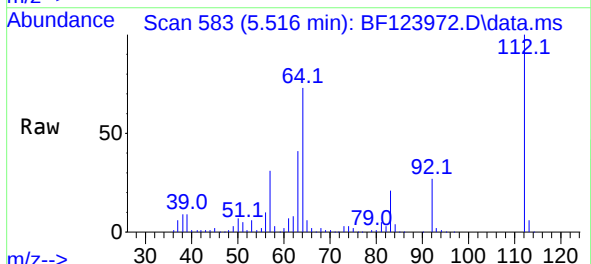
Tgt Ion:152 Resp: 37855
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.6
115 67.8 54.3 81.5

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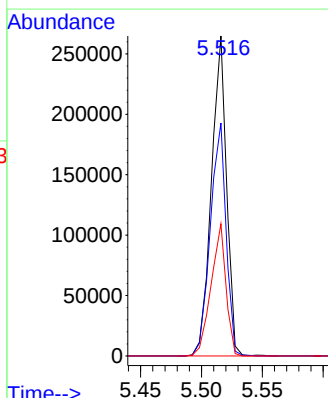
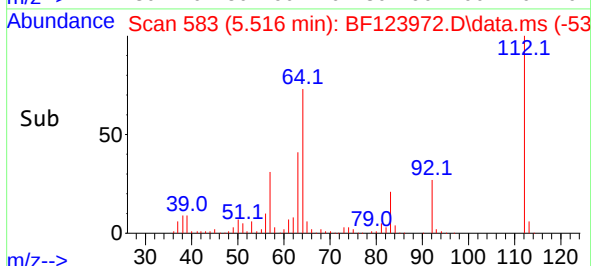
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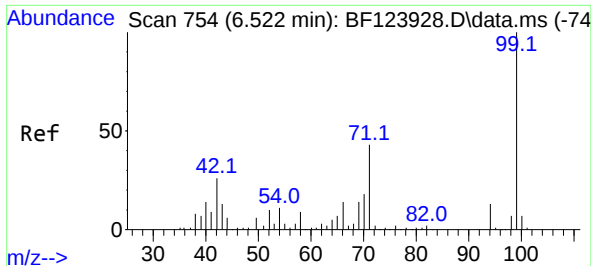


#5
2-Fluorophenol
Concen: 85.17 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54



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

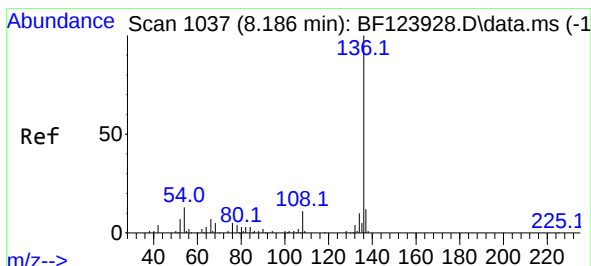
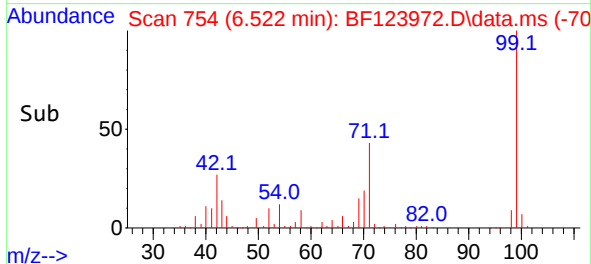
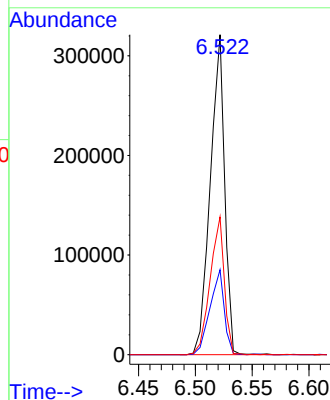
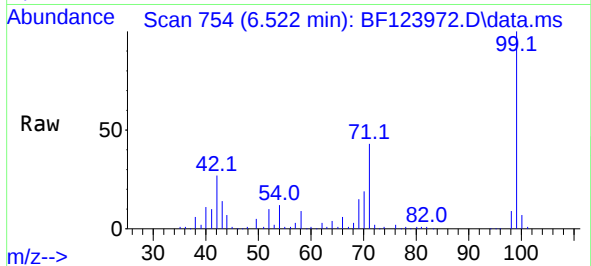
Tgt Ion: 99 Resp: 281618

Ion	Ratio	Lower	Upper
99	100		
42	26.5	19.8	29.8
71	43.1	31.1	46.7

Instrument :
BNA_F
ClientSampled :
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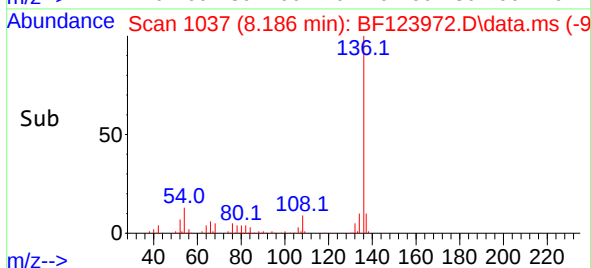
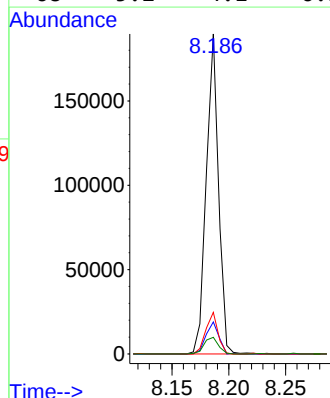
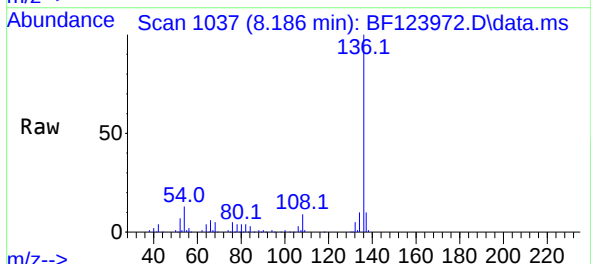
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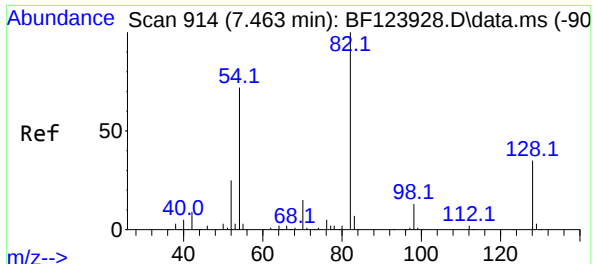


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

Tgt Ion: 136 Resp: 141267

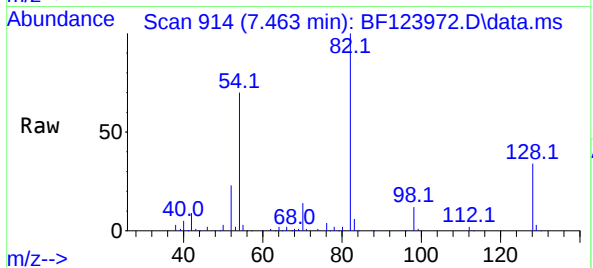
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	13.0	9.8	14.6
68	5.2	4.1	6.1





#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

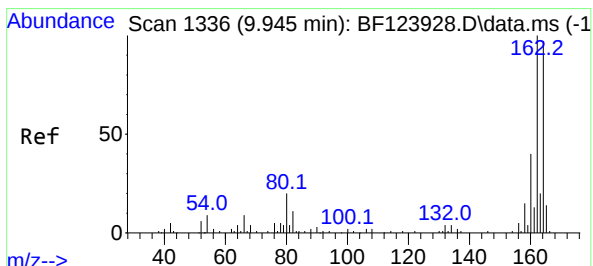
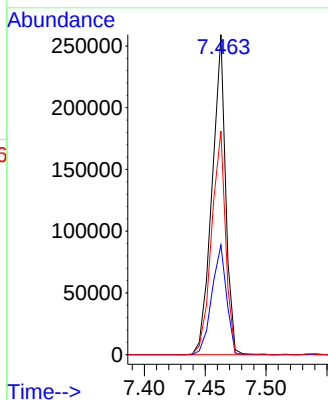
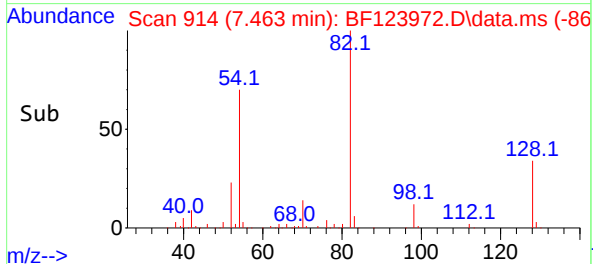
Instrument :
BNA_F
ClientSampleId :
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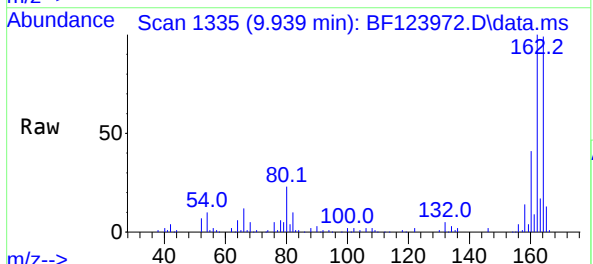
Tgt Ion: 82 Resp: 201374
Ion Ratio Lower Upper
82 100
128 34.3 29.4 44.2
54 69.8 54.1 81.1

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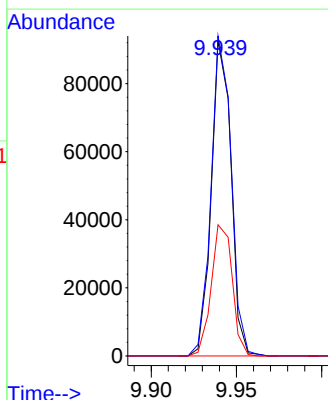
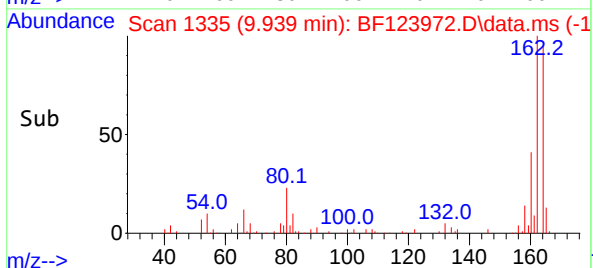
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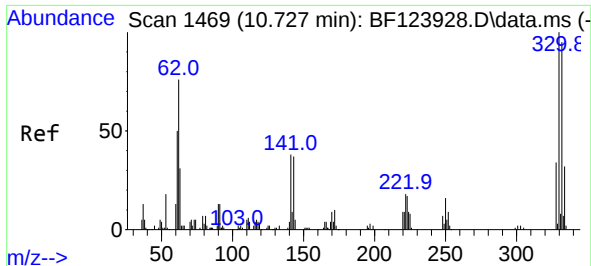


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54



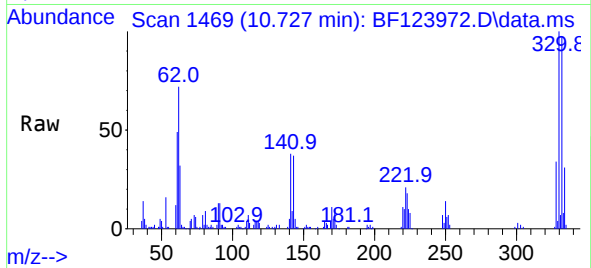
Tgt Ion: 164 Resp: 74129
Ion Ratio Lower Upper
164 100
162 101.5 80.7 121.1
160 41.6 37.3 55.9





#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

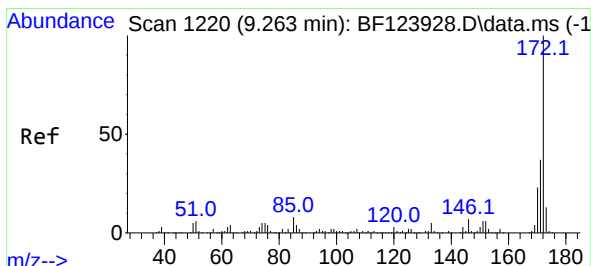
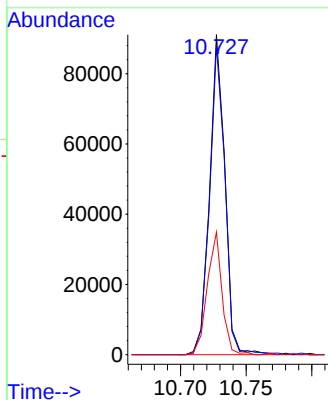
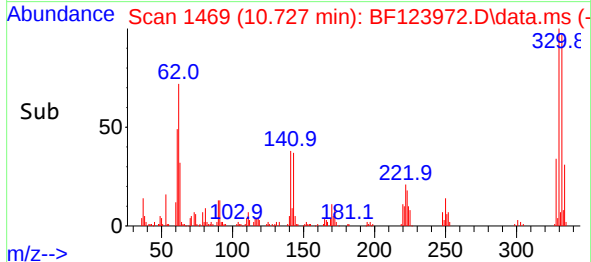
Instrument :
BNA_F
ClientSampled :
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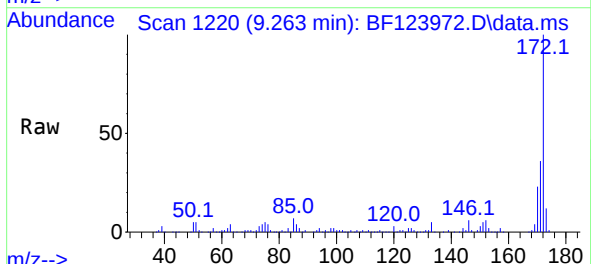
Tgt Ion:330 Resp: 73845
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 37.2 27.9 41.9

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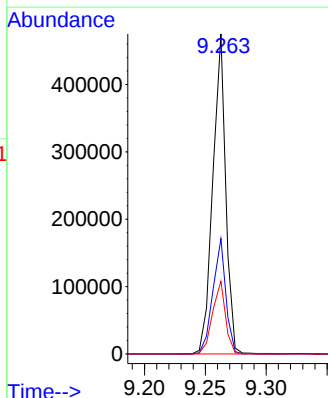
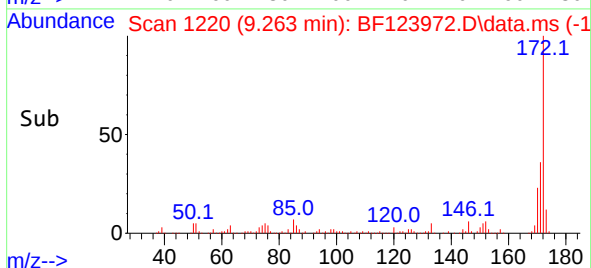
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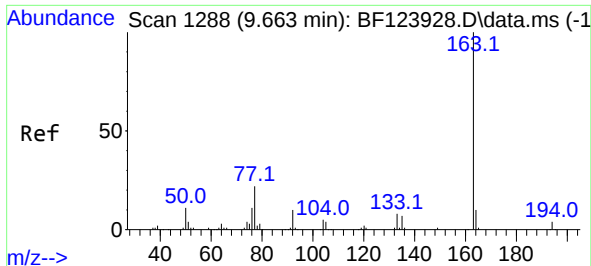


#45
2-Fluorobiphenyl
Concen: 58.33 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54



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





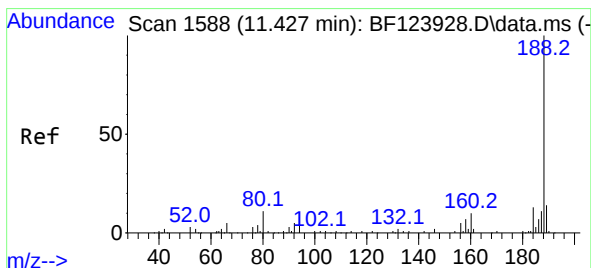
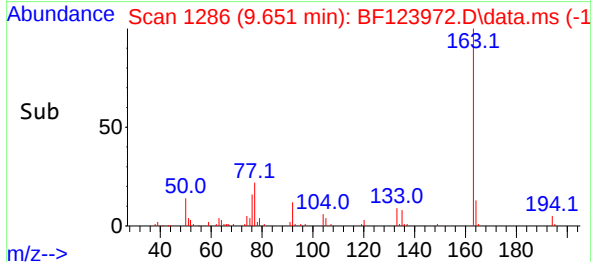
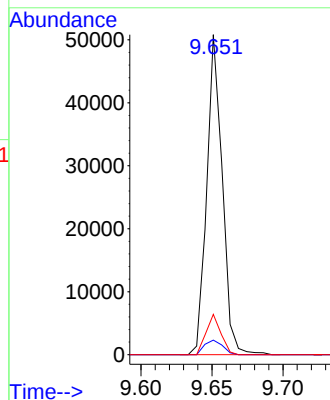
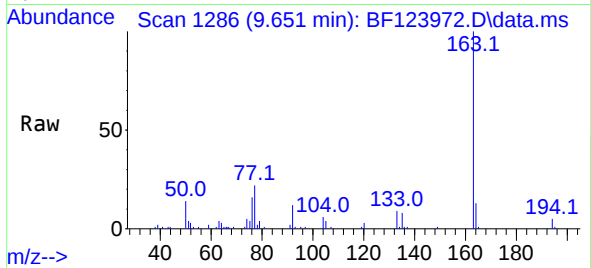
#50
Dimethylphthalate
Concen: 6.54 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

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#

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

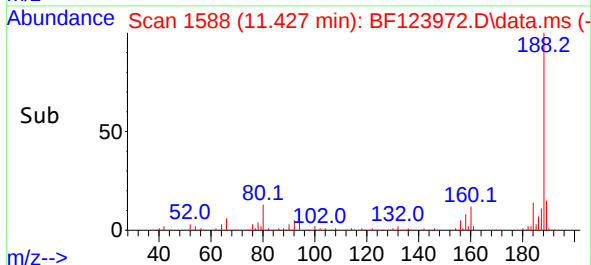
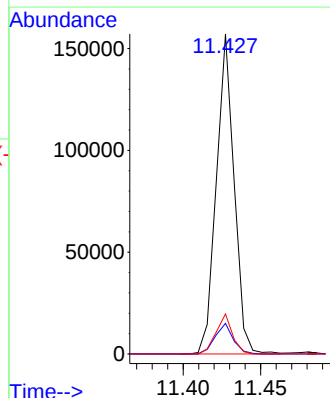
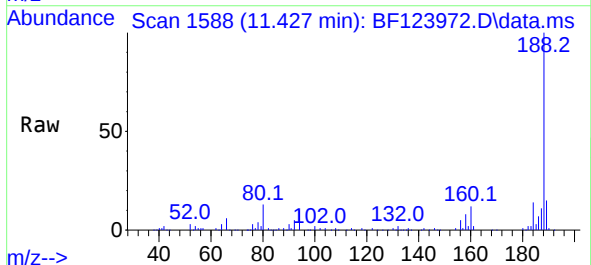
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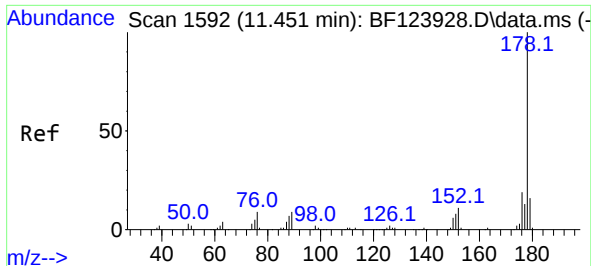
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

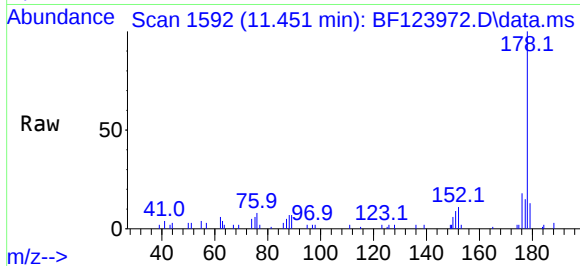
Tgt Ion:188 Resp: 125502
Ion Ratio Lower Upper
188 100
94 9.5 6.9 10.3
80 12.5 8.2 12.2#





#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

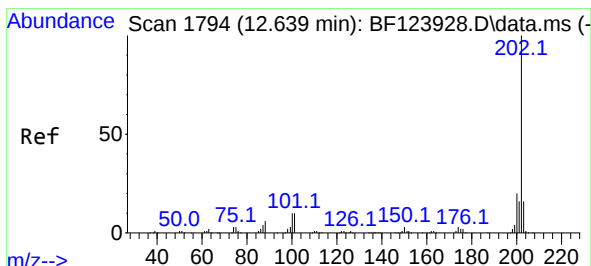
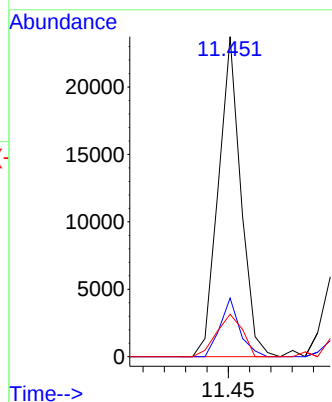
Instrument :
BNA_F
ClientSampled :
SB-08-COMP



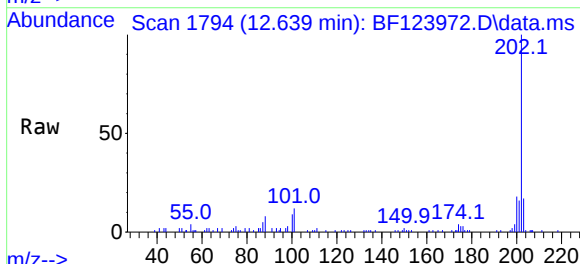
Tgt Ion:178 Resp: 17381
Ion Ratio Lower Upper
178 100
176 18.3 15.6 23.4
179 13.3 12.5 18.7

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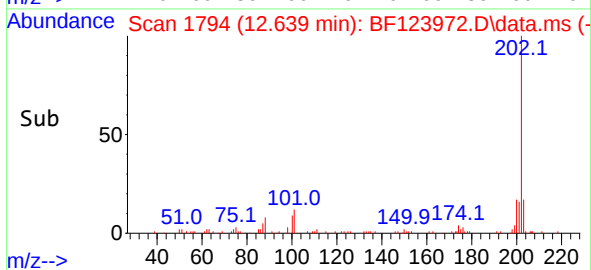
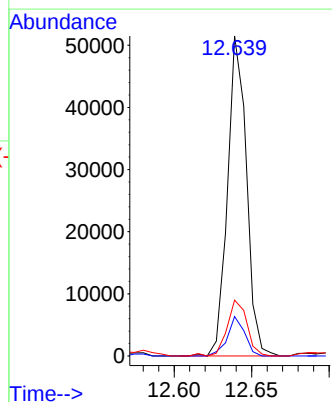
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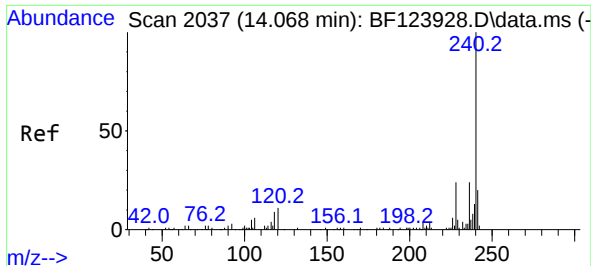


#75
Fluoranthene
Concen: 5.32 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54



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





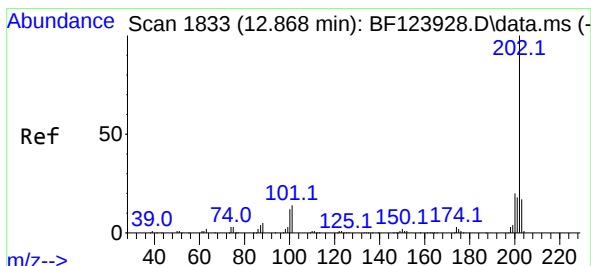
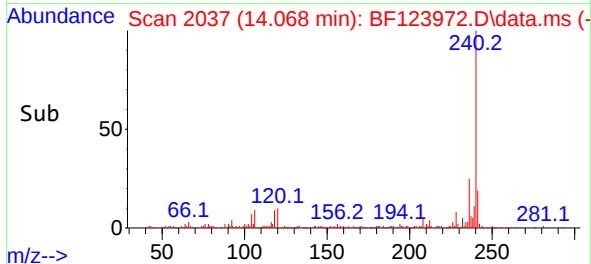
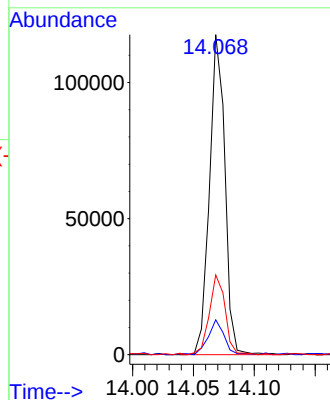
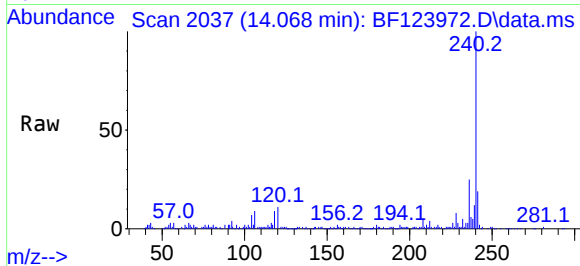
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

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

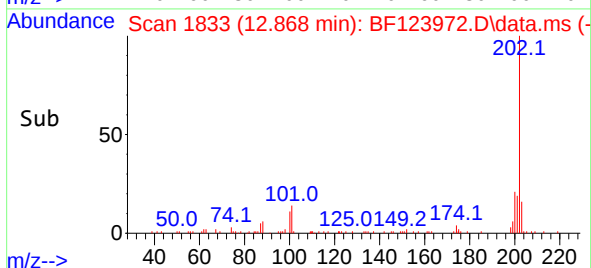
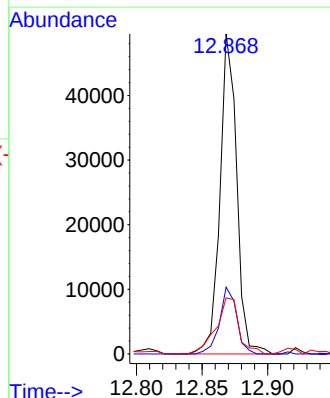
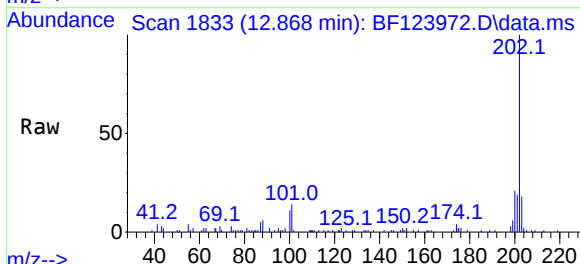
Manual Integrations
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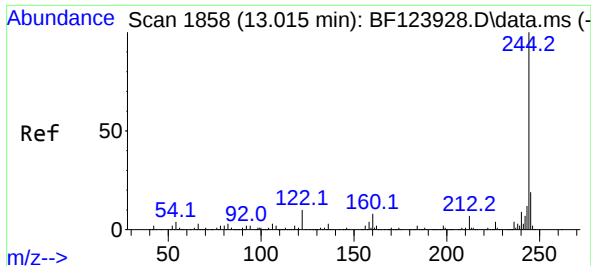
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#78
Pyrene
Concen: 4.77 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

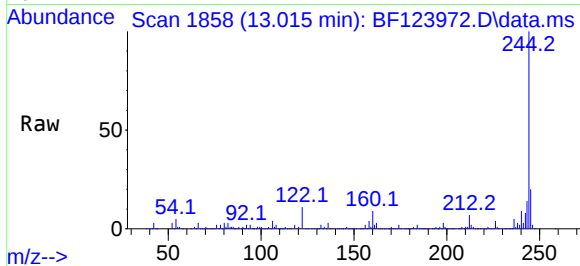
Tgt Ion:202 Resp: 43856
Ion Ratio Lower Upper
202 100
200 20.9 16.1 24.1
203 17.6 14.8 22.2





#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

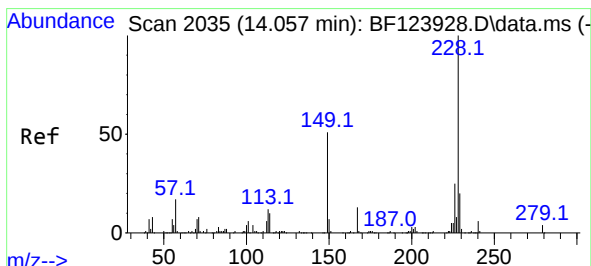
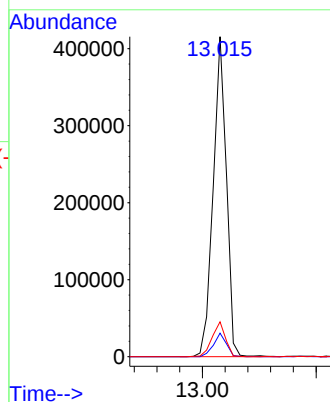
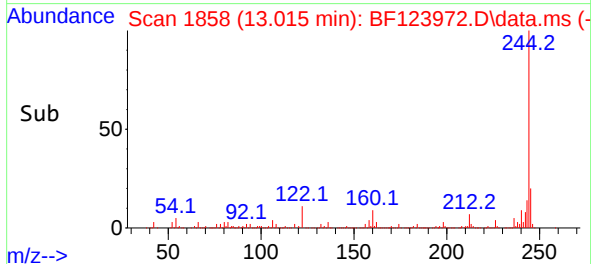
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP



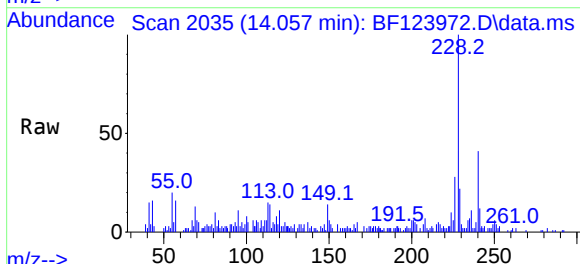
Tgt Ion:244 Resp: 334557
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.9 9.7 14.5

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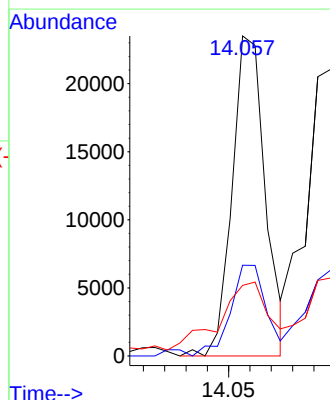
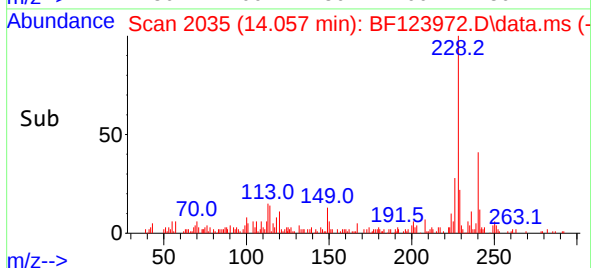
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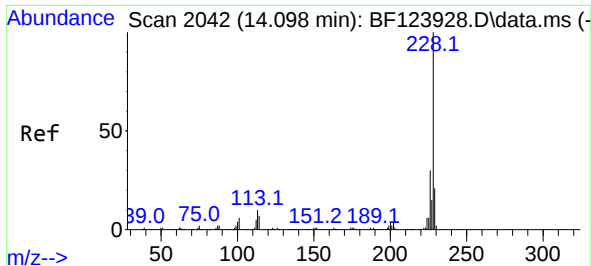


#81
Benzo(a)anthracene
Concen: 3.39 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

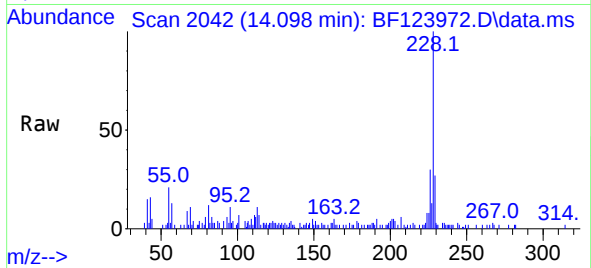


Tgt Ion:228 Resp: 25377
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 22.0 16.0 24.0

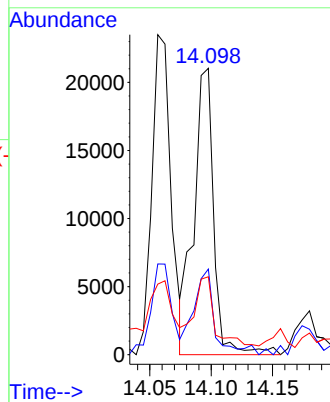
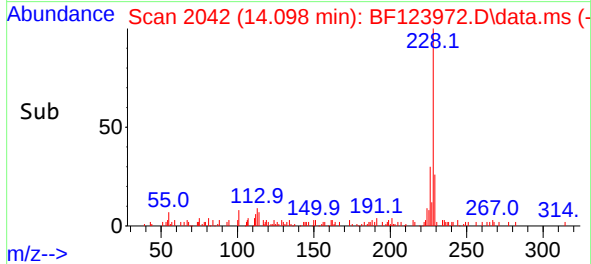




#83
Chrysene
Concen: 3.31 ng m
RT: 14.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54



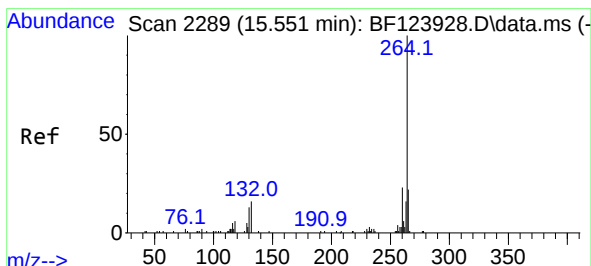
Tgt Ion:228 Resp: 23862
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 27.2 16.2 24.2#



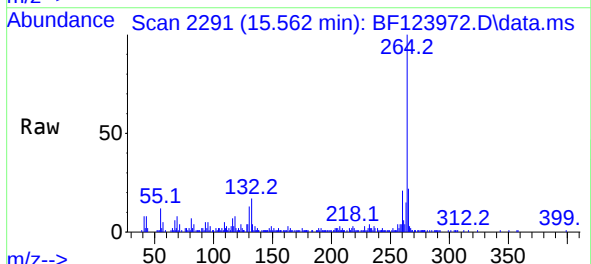
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

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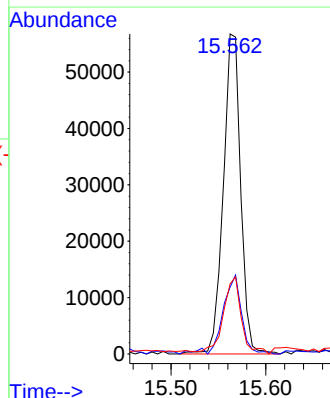
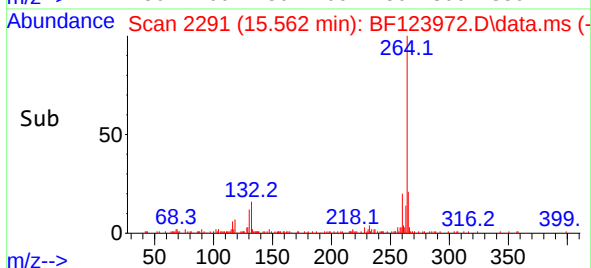
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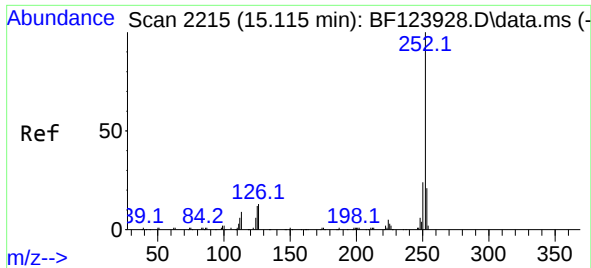


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54



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





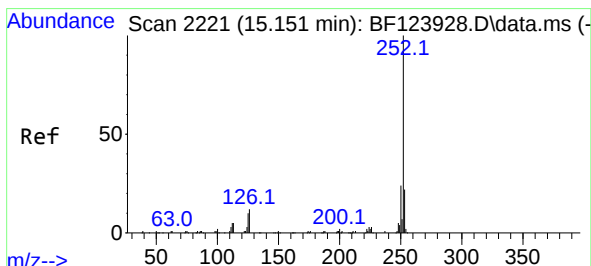
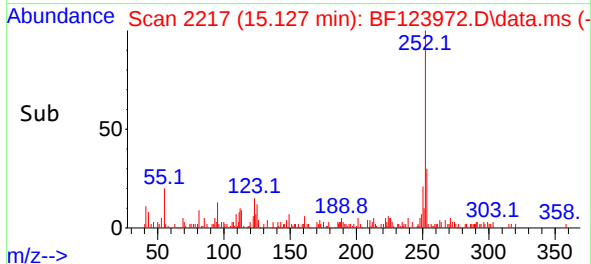
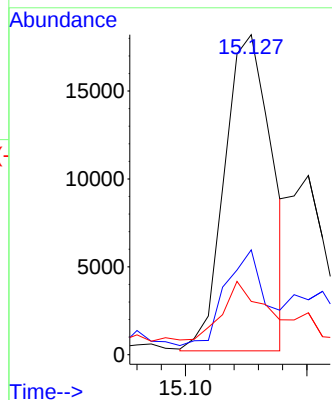
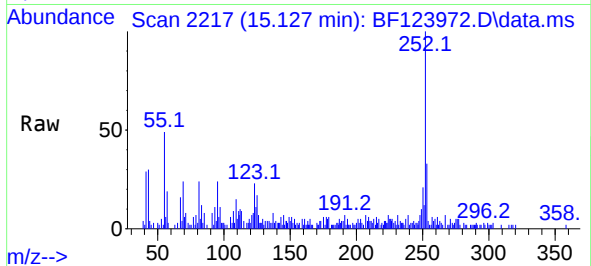
#88
Benzo(b)fluoranthene
Concen: 4.35 ng m
RT: 15.127 min Scan# 2217
Delta R.T. 0.012 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

Tgt Ion:252 Resp: 24357
Ion Ratio Lower Upper
252 100
253 32.7 18.1 27.1#
125 16.6 6.2 9.4#

Instrument :
BNA_F
ClientSampled :
SB-08-COMP

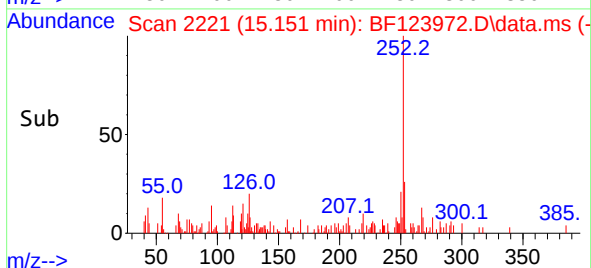
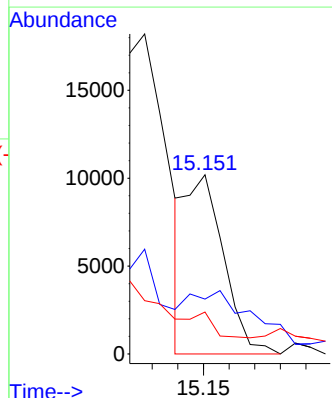
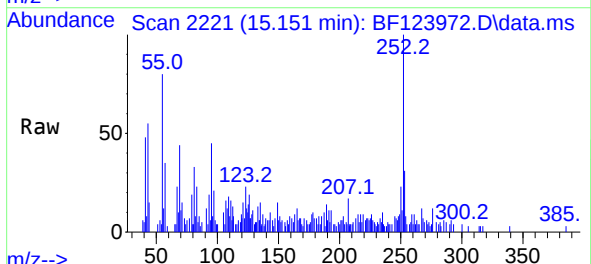
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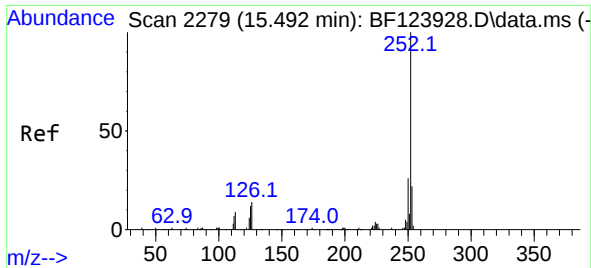
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#89
Benzo(k)fluoranthene
Concen: 2.04 ng m
RT: 15.151 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF123972.D
Acq: 17 May 2021 19:54

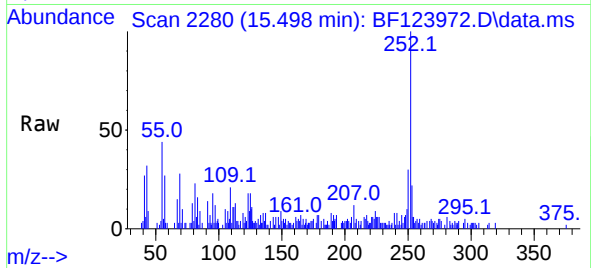
Tgt Ion:252 Resp: 10417
Ion Ratio Lower Upper
252 100
253 30.6 17.9 26.9#
125 13.7 7.0 10.6#





#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

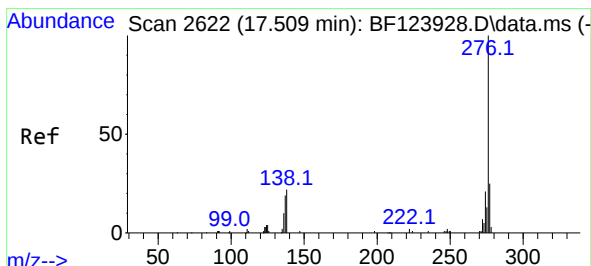
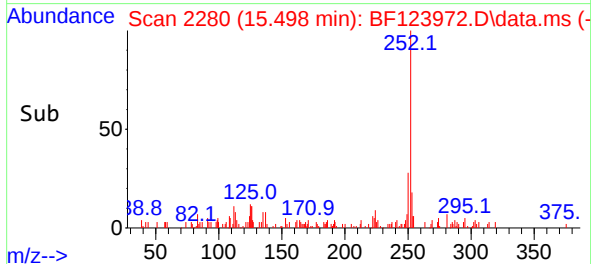
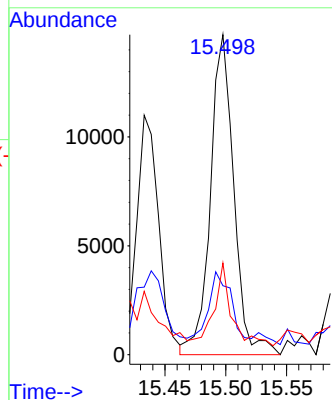
Instrument :
BNA_F
ClientSampled :
SB-08-COMP



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#

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#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

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#

