

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
 Data File : BF123951.D
 Acq On : 15 May 2021 18:23
 Operator : JU/CG
 Sample : M2392-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Manual Integrations
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 5/17/2021 11:30:21 AM

Quant Time: May 16 05:20:48 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	39675	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	143892	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	72220	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	108457	20.00	ng	0.00
76) Chrysene-d12	14.074	240	88370	20.00	ng	0.00
86) Perylene-d12	15.568	264	54516	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	235800	83.45	ng	0.00
7) Phenol-d6	6.522	99	308641	84.20	ng	0.00
23) Nitrobenzene-d5	7.463	82	233259	69.85	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	63726	73.47	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	340380	58.00	ng	0.00
79) Terphenyl-d14	13.016	244	244054	41.83	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.651	163	53441	9.27	ng	99
52) Acenaphthene	9.975	154	15225	2.98	ng	97
58) Fluorene	10.486	166	11280	2.04	ng	# 83
71) Phenanthrene	11.457	178	212684	30.94	ng	97
72) Anthracene	11.504	178	46662	6.70	ng	99
73) Carbazole	11.651	167	17460	2.87	ng	# 89
75) Fluoranthene	12.645	202	396487	55.71	ng	98
78) Pyrene	12.874	202	361428	46.07	ng	98
81) Benzo(a)anthracene	14.063	228	181513	28.40	ng	98
83) Chrysene	14.098	228	149602	24.34	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	62698	14.89	ng	98
88) Benzo(b)fluoranthene	15.127	252	150924m	35.79	ng	
89) Benzo(k)fluoranthene	15.157	252	51959m	13.52	ng	
90) Benzo(a)pyrene	15.504	252	104573	28.69	ng	97
91) Dibenzo(a,h)anthracene	17.080	278	14538	4.10	ng	# 97
92) Benzo(g,h,i)perylene	17.521	276	58542	16.46	ng	96

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

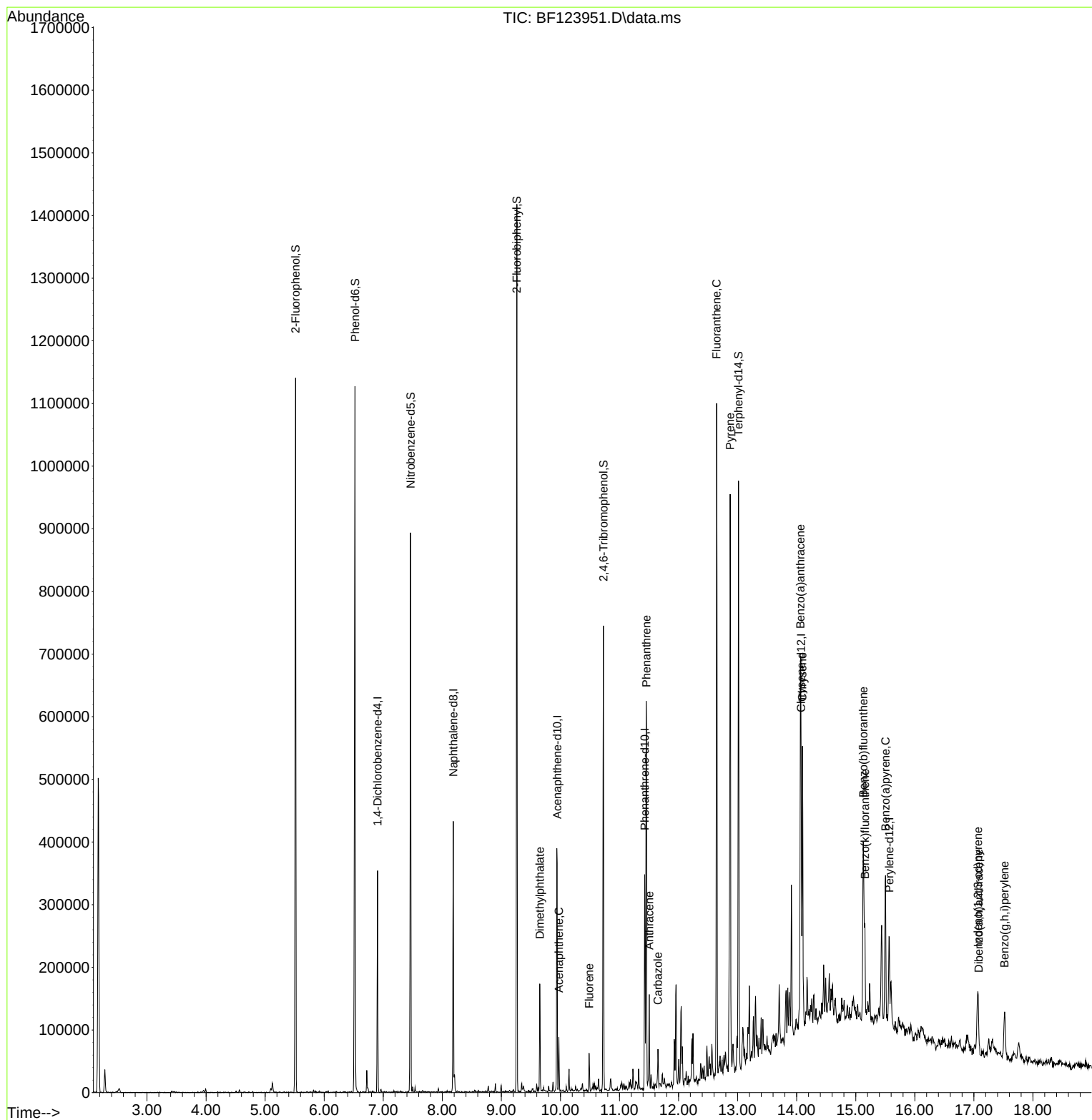
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
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ALS Vial : 18 Sample Multiplier: 1

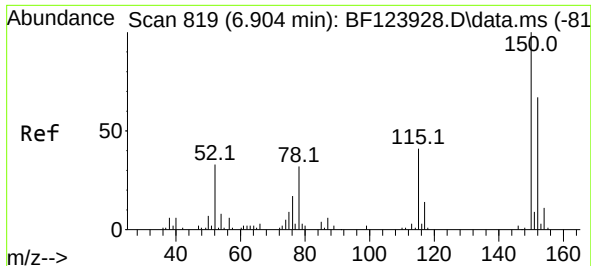
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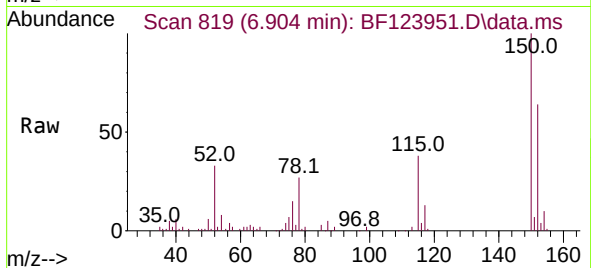
Quant Time: May 16 05:20:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23

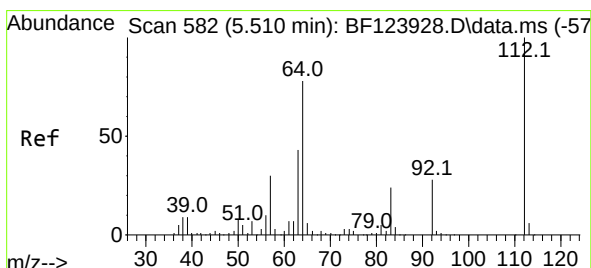
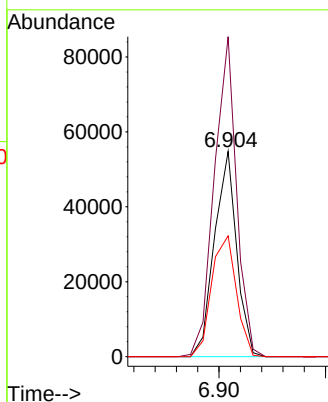
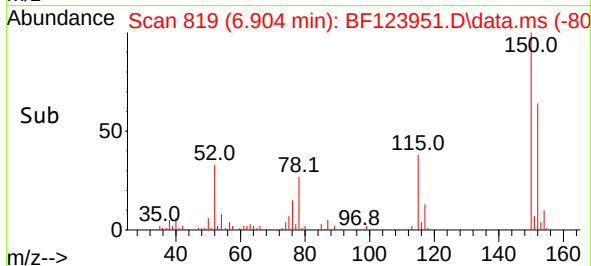
Instrument :
BNA_F
ClientSampleId :
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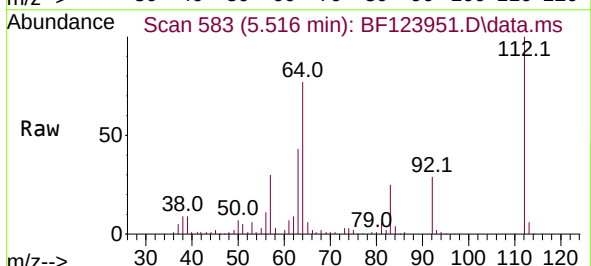
Tgt Ion:152 Resp: 39675
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.6
115 58.8 54.3 81.5

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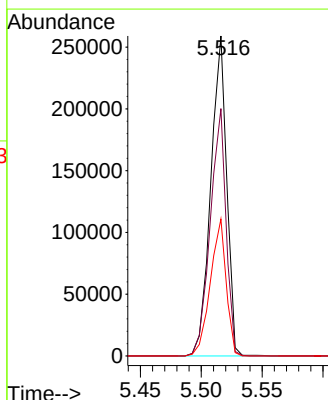
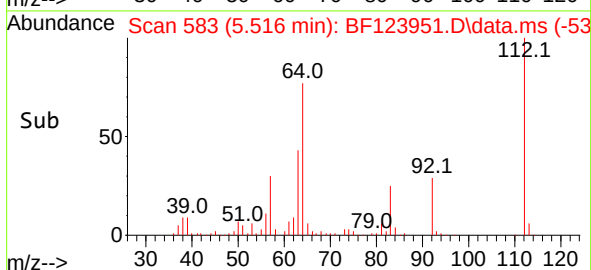
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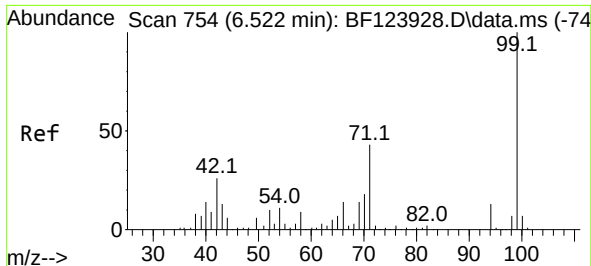


#5
2-Fluorophenol
Concen: 83.45 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23



Tgt Ion:112 Resp: 235800
Ion Ratio Lower Upper
112 100
64 77.3 61.4 92.0
63 42.8 33.0 49.4





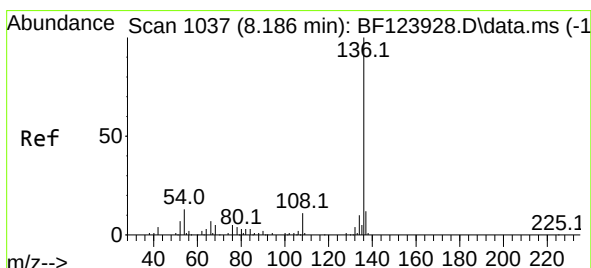
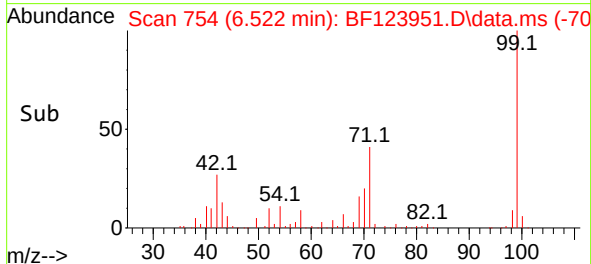
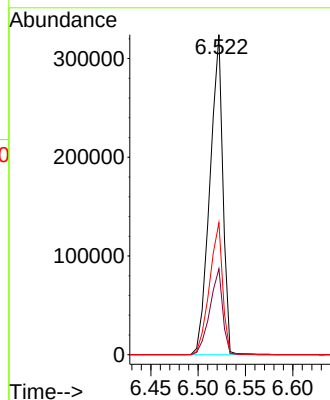
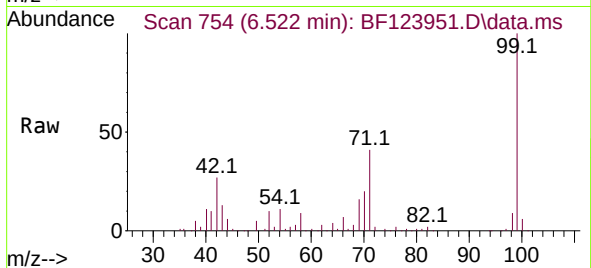
#7
Phenol-d6
Concen: 84.20 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23

Tgt Ion: 99 Resp: 308641
Ion Ratio Lower Upper
99 100
42 26.9 19.8 29.8
71 41.2 31.1 46.7

Instrument :
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ClientSampled :
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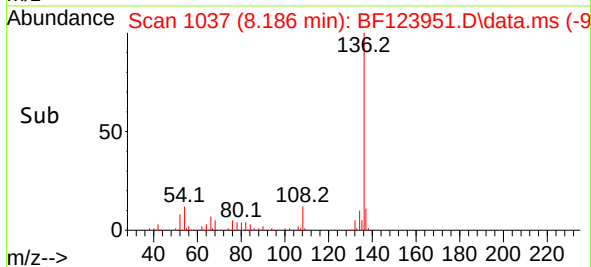
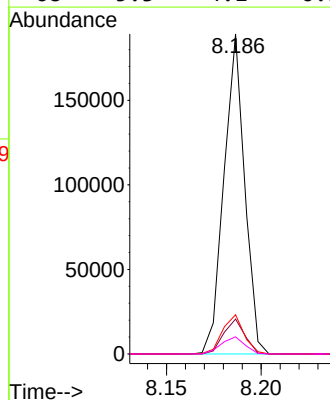
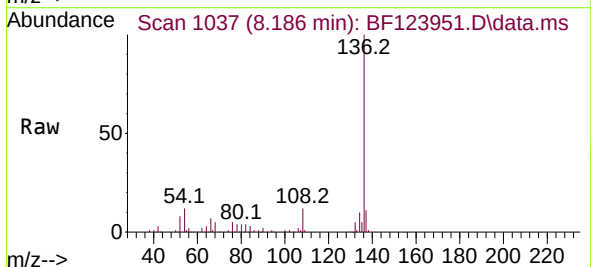
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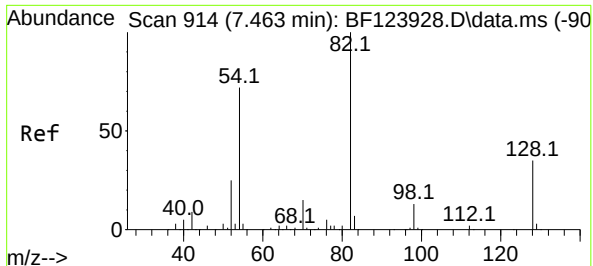
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23

Tgt Ion: 136 Resp: 143892
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 12.3 9.8 14.6
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 69.85 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF123951.D

Acq: 15 May 2021 18:23

Tgt Ion: 82 Resp: 233259

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	71.9	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

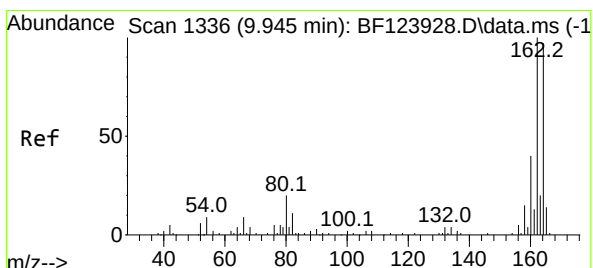
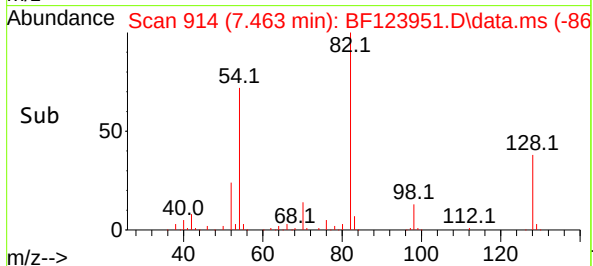
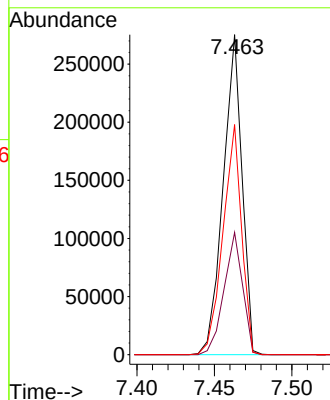
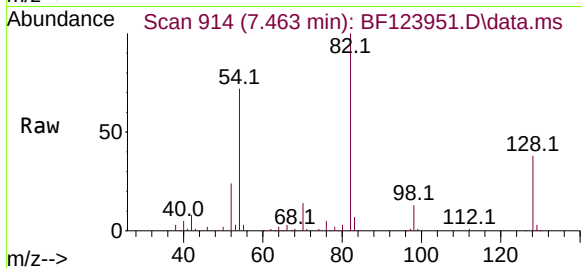
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.945 min Scan# 1336

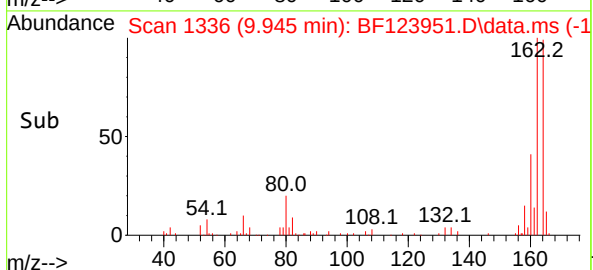
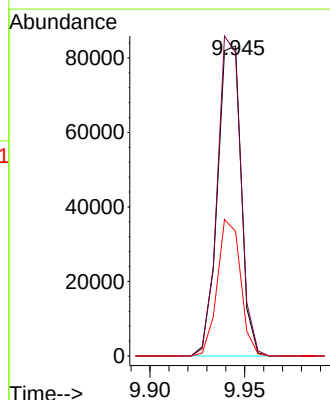
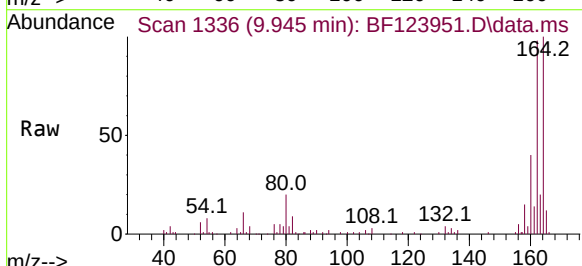
Delta R.T. 0.000 min

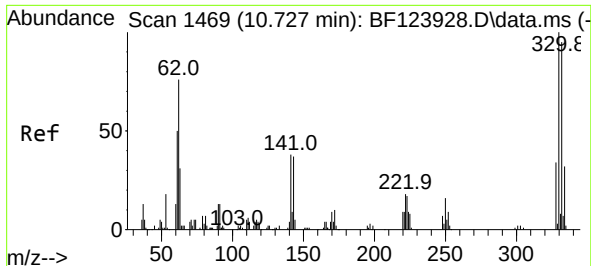
Lab File: BF123951.D

Acq: 15 May 2021 18:23

Tgt Ion:164 Resp: 72220

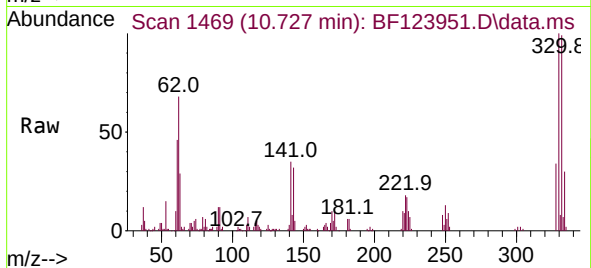
Ion	Ratio	Lower	Upper
164	100		
162	97.9	80.7	121.1
160	40.2	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 73.47 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23

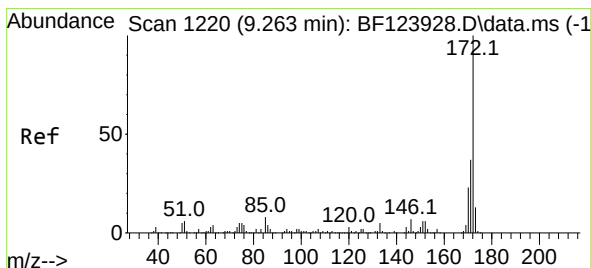
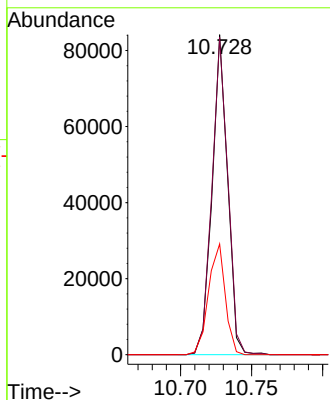
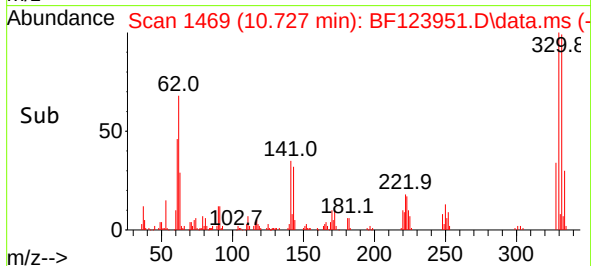
Instrument :
BNA_F
ClientSampleId :
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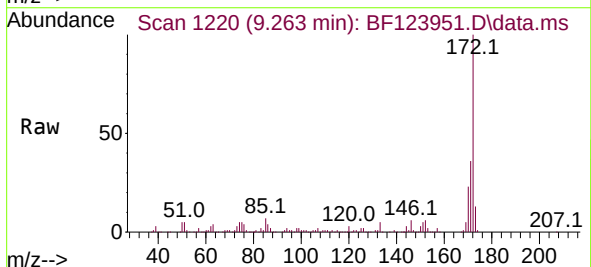
Tgt Ion: 330 Resp: 63726
Ion Ratio Lower Upper
330 100
332 101.9 77.1 115.7
141 37.5 27.9 41.9

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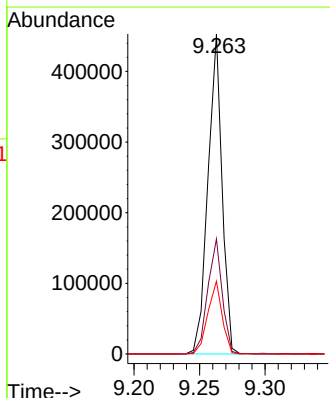
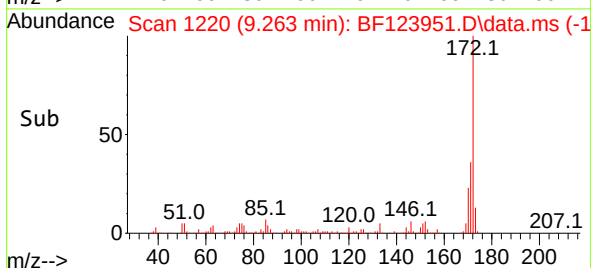
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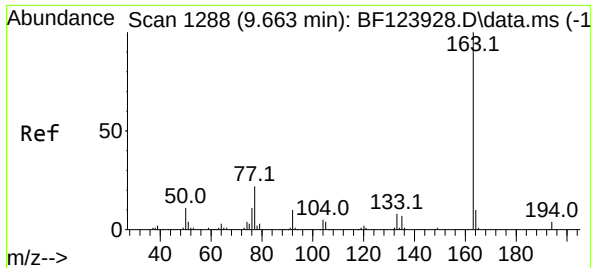


#45
2-Fluorobiphenyl
Concen: 58.00 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23



Tgt Ion: 172 Resp: 340380
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 22.7 19.2 28.8





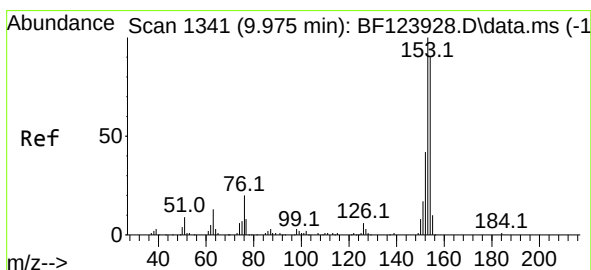
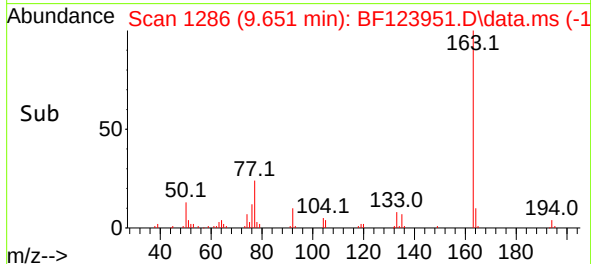
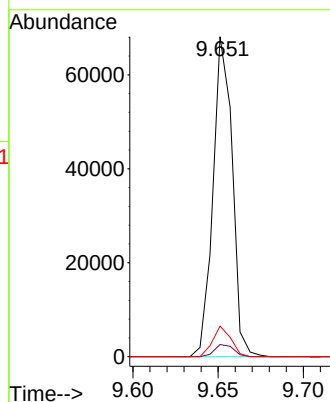
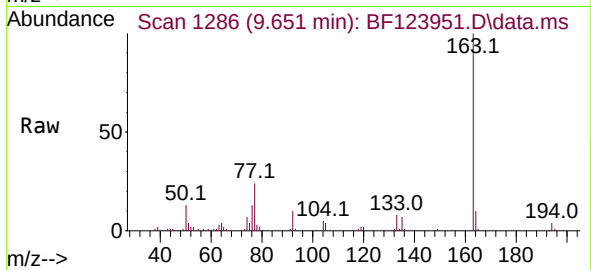
#50
Dimethylphthalate
Concen: 9.27 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 53441
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.5 8.2 12.2

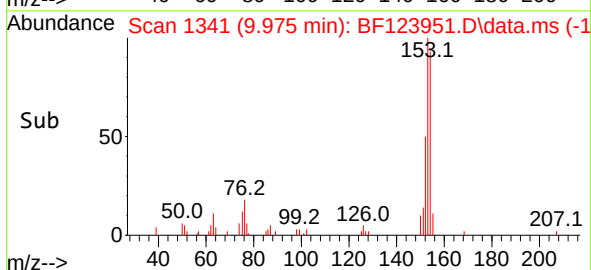
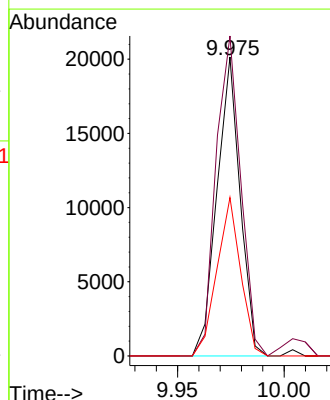
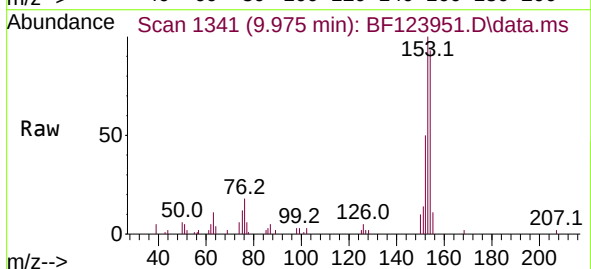
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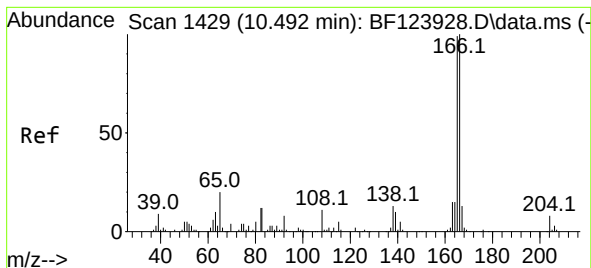
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#52
Acenaphthene
Concen: 2.98 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23

Tgt Ion:154 Resp: 15225
Ion Ratio Lower Upper
154 100
153 107.0 88.1 132.1
152 53.0 43.4 65.0





#58

Fluorene

Concen: 2.04 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF123951.D

Acq: 15 May 2021 18:23

Tgt Ion:166 Resp: 11280
 Ion Ratio Lower Upper
 166 100
 165 110.6 73.5 110.3#
 167 12.7 10.7 16.1

Instrument :

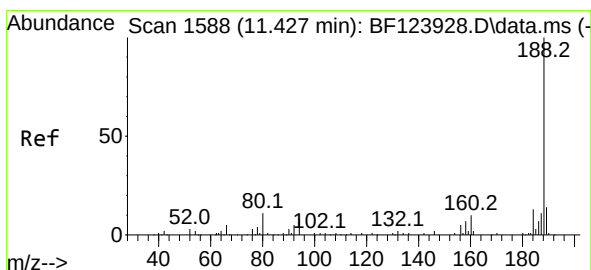
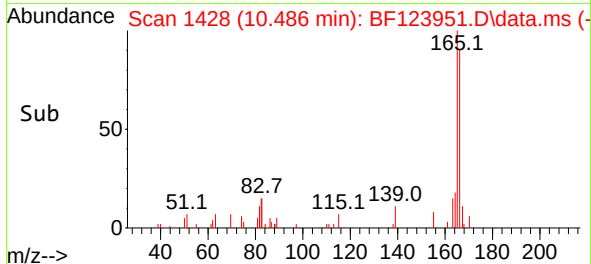
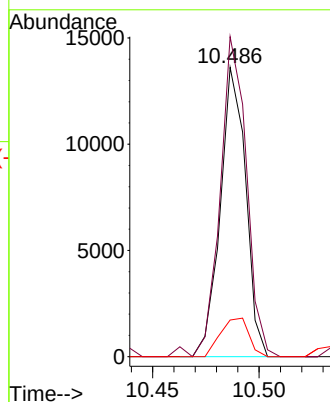
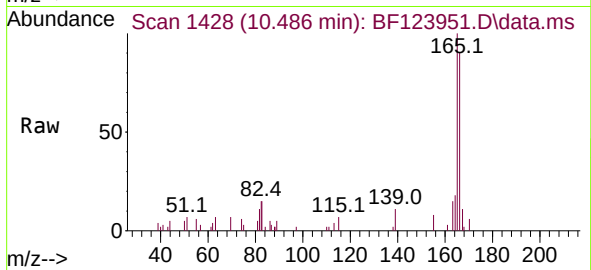
BNA_F

ClientSampleId :

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#64

Phenanthrene-d10

Concen: 20.00 ng

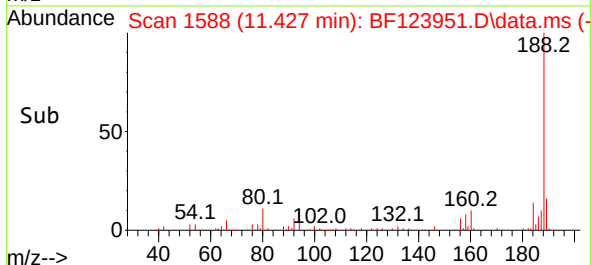
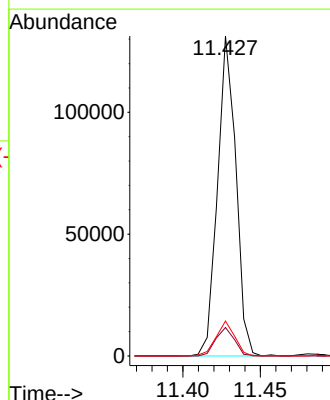
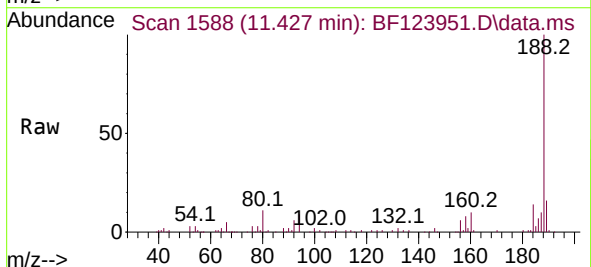
RT: 11.427 min Scan# 1588

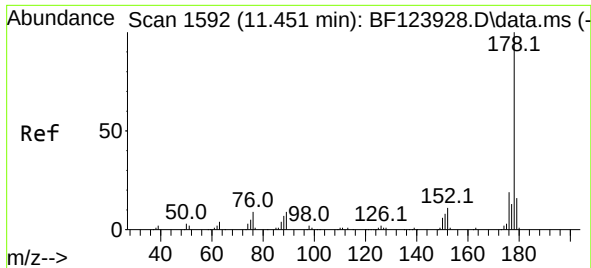
Delta R.T. 0.000 min

Lab File: BF123951.D

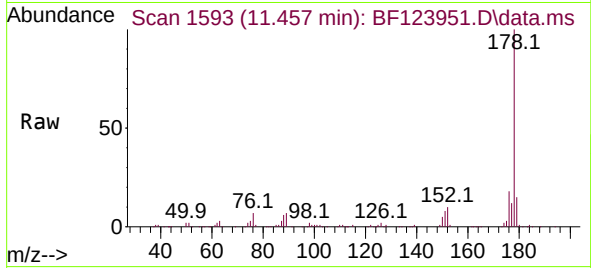
Acq: 15 May 2021 18:23

Tgt Ion:188 Resp: 108457
 Ion Ratio Lower Upper
 188 100
 94 8.9 6.9 10.3
 80 10.9 8.2 12.2

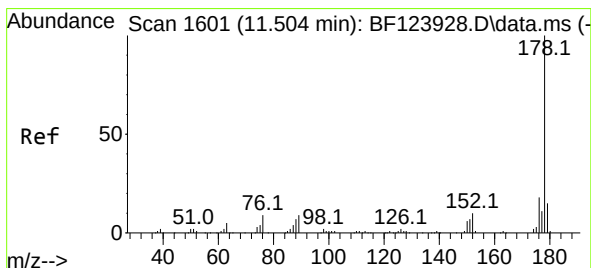
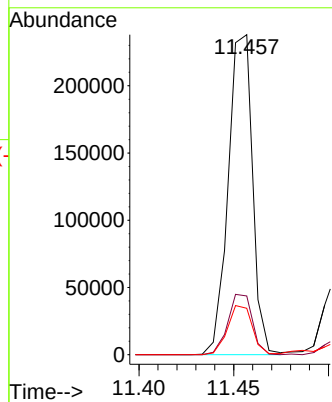
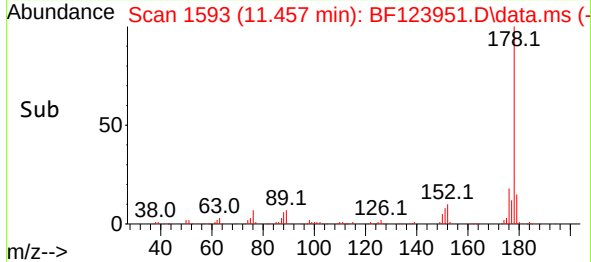




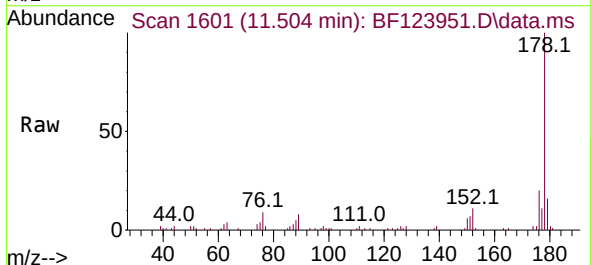
#71
Phenanthrene
Concen: 30.94 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.006 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23



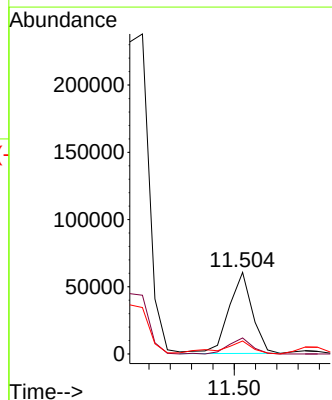
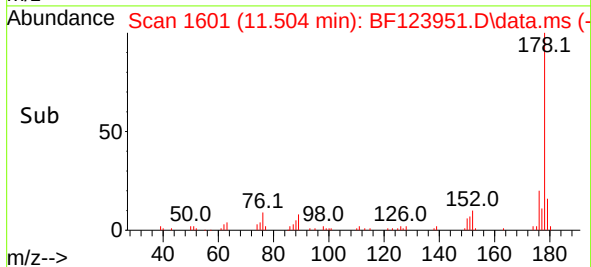
Tgt Ion:178 Resp: 212684
Ion Ratio Lower Upper
178 100
176 18.3 15.6 23.4
179 14.5 12.5 18.7



#72
Anthracene
Concen: 6.70 ng
RT: 11.504 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23



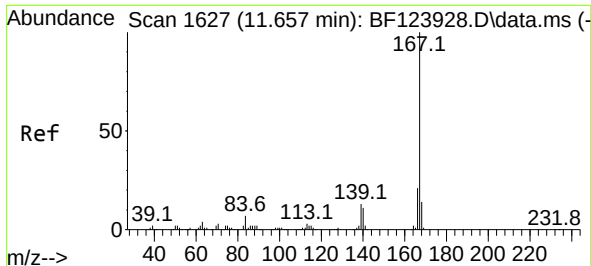
Tgt Ion:178 Resp: 46662
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.9 12.6 18.8



Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

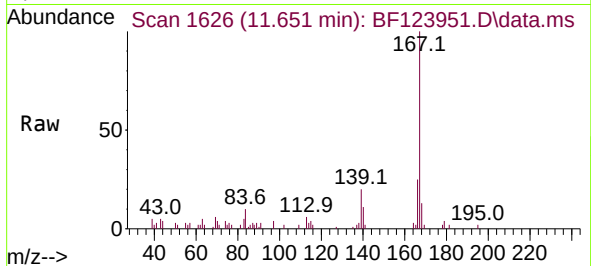
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#73
 Carbazole
 Concen: 2.87 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. -0.006 min
 Lab File: BF123951.D
 Acq: 15 May 2021 18:23

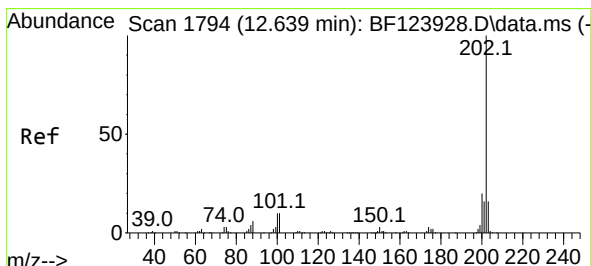
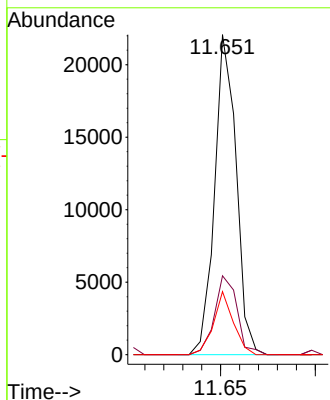
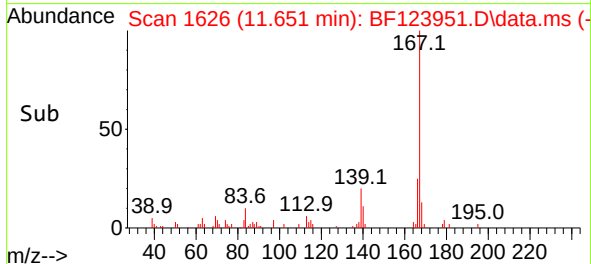
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 ClientSampleId :
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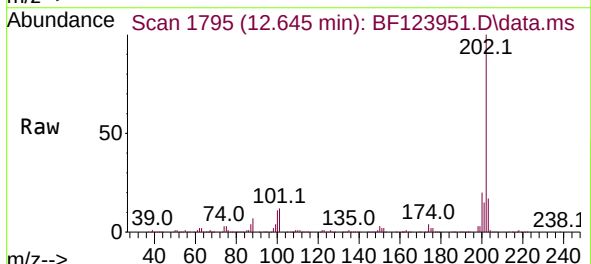
Tgt Ion:167 Resp: 17460
 Ion Ratio Lower Upper
 167 100
 166 24.6 17.0 25.6
 139 19.7 10.4 15.6#

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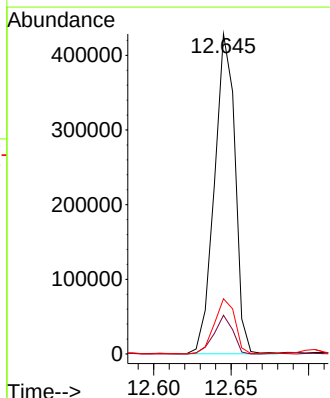
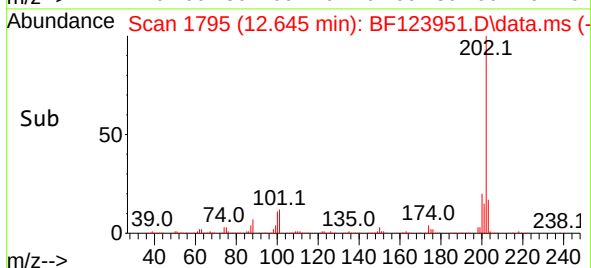
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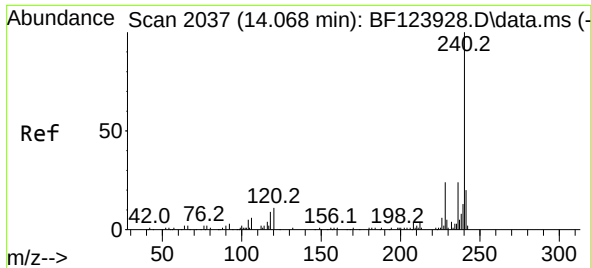


#75
 Fluoranthene
 Concen: 55.71 ng
 RT: 12.645 min Scan# 1795
 Delta R.T. 0.006 min
 Lab File: BF123951.D
 Acq: 15 May 2021 18:23



Tgt Ion:202 Resp: 396487
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 30.9
 203 17.2 0.0 37.5





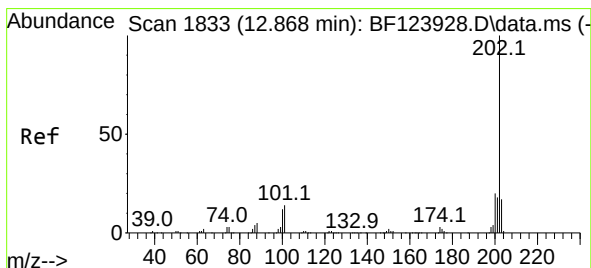
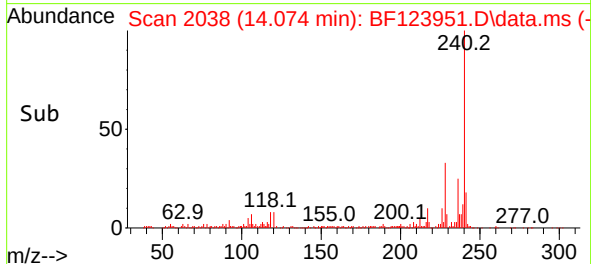
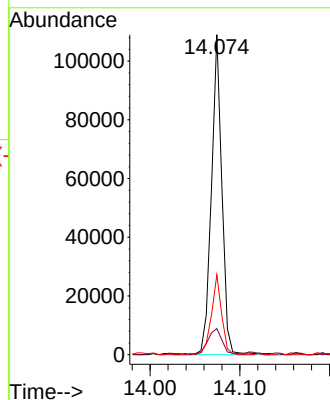
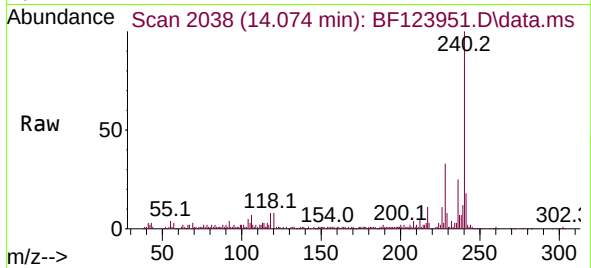
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23

Tgt Ion:240 Resp: 88370
Ion Ratio Lower Upper
240 100
120 8.2 7.2 10.8
236 25.0 19.0 28.4

Instrument :
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ClientSampleId :
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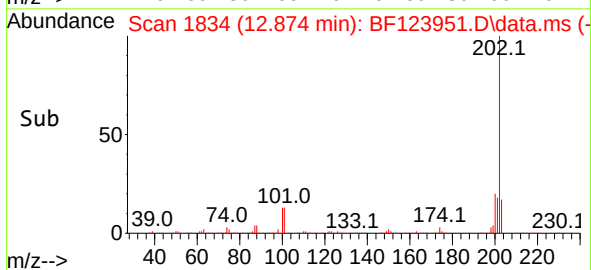
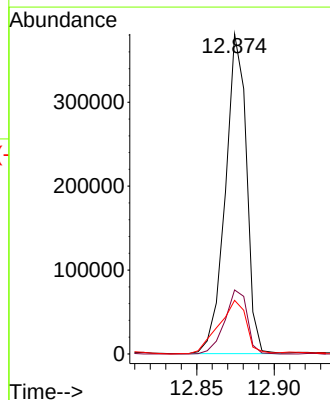
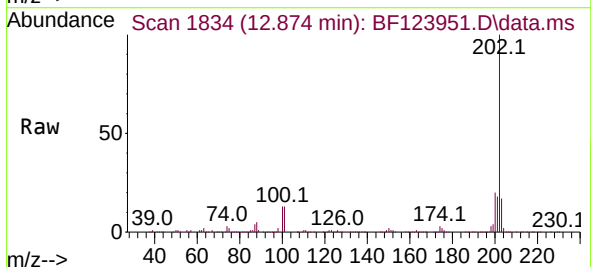
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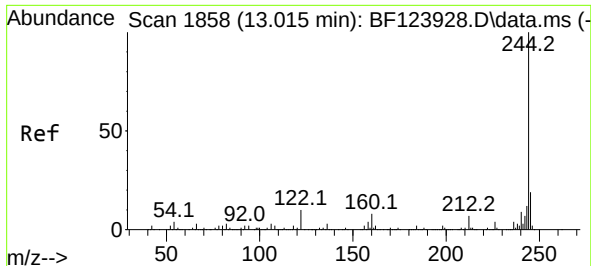
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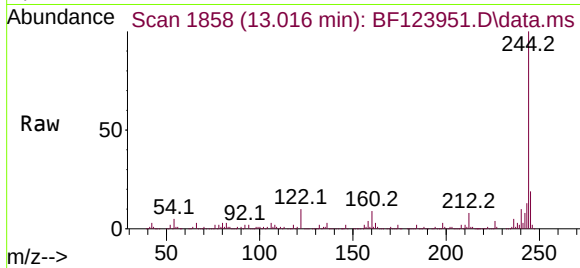
#78
Pyrene
Concen: 46.07 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23

Tgt Ion:202 Resp: 361428
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 16.8 14.8 22.2

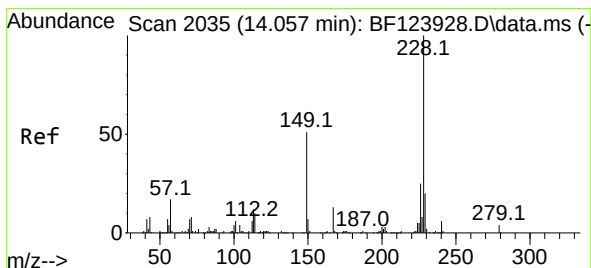
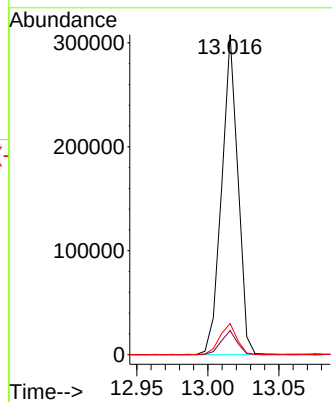
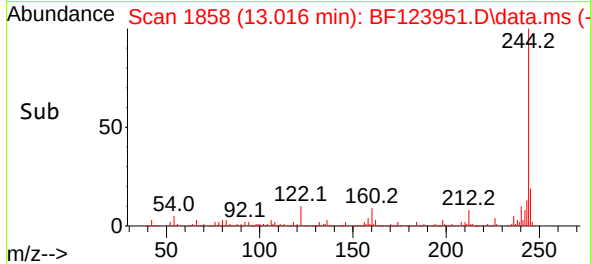




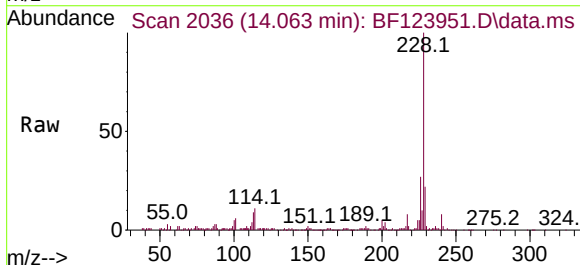
#79
Terphenyl-d14
Concen: 41.83 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23



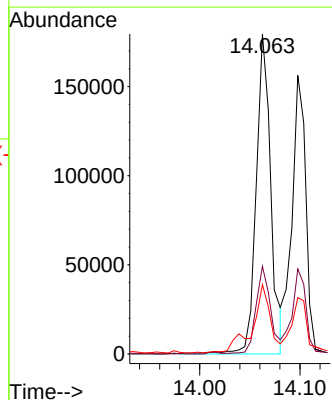
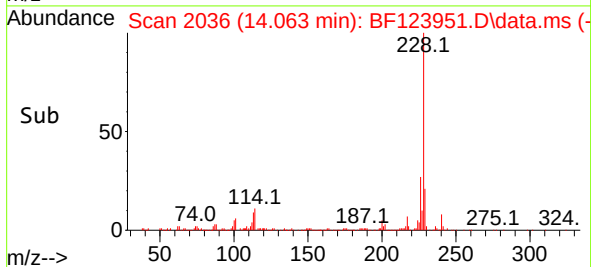
Tgt Ion:244 Resp: 244054
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 9.7 9.7 14.5



#81
Benzo(a)anthracene
Concen: 28.40 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23



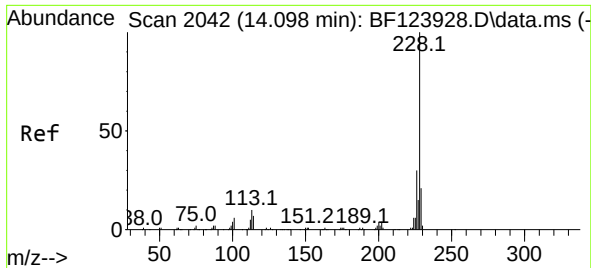
Tgt Ion:228 Resp: 181513
Ion Ratio Lower Upper
228 100
226 27.4 22.4 33.6
229 21.7 16.0 24.0



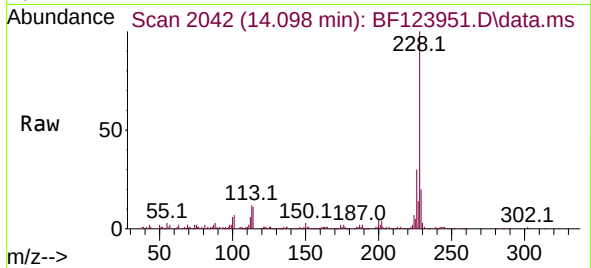
Instrument :
BNA_F
ClientSampleId :
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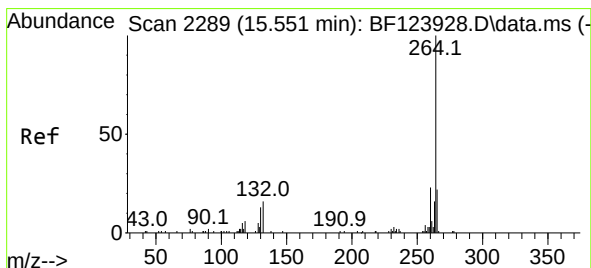
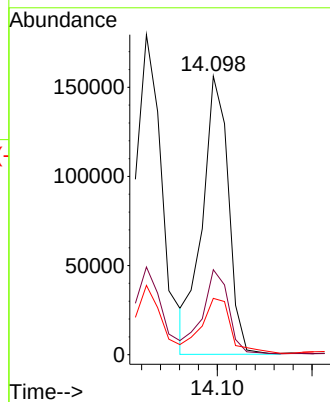
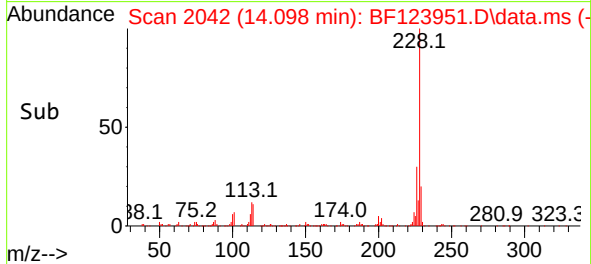
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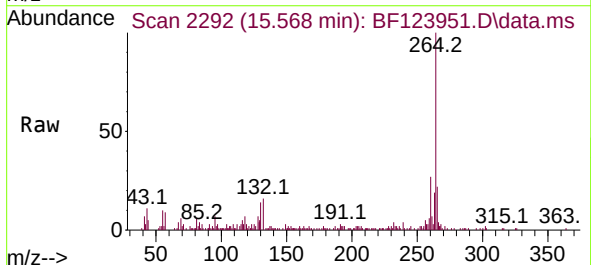
#83
Chrysene
Concen: 24.34 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23



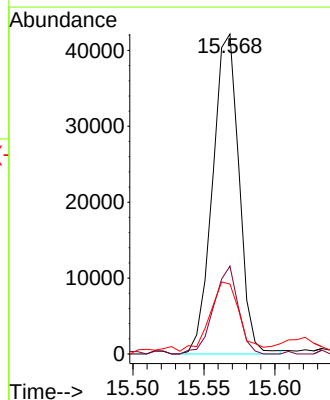
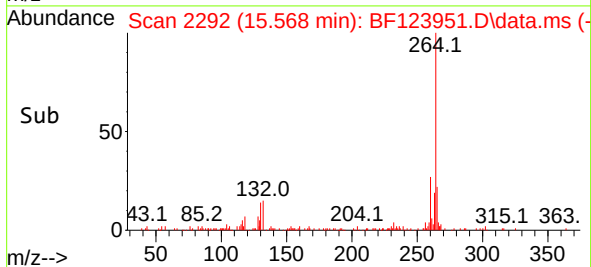
Tgt Ion:228 Resp: 149602
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 20.2 16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23



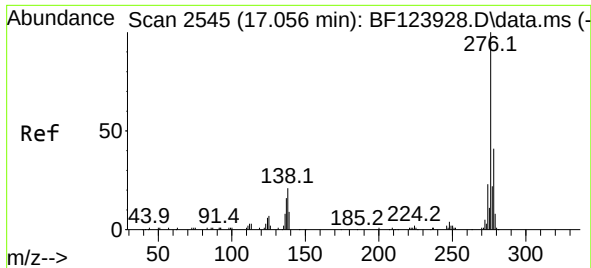
Tgt Ion:264 Resp: 54516
Ion Ratio Lower Upper
264 100
260 27.4 18.7 28.1
265 21.8 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
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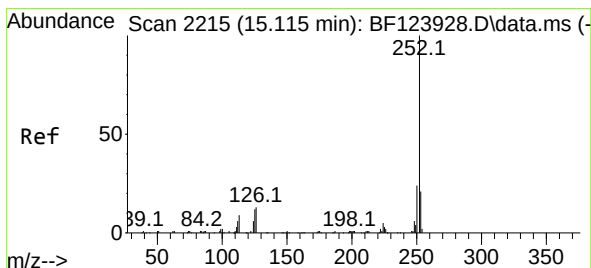
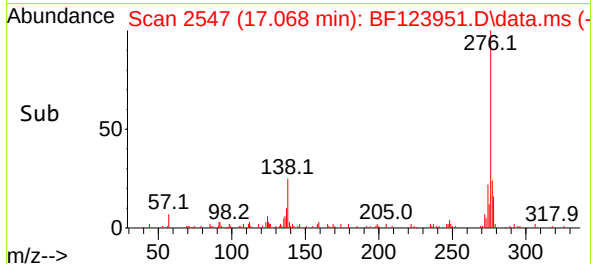
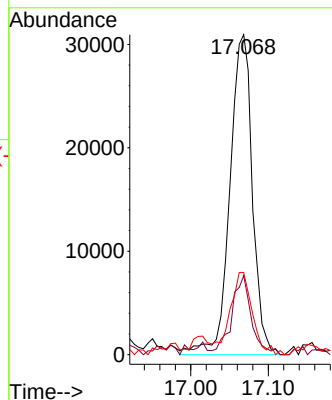
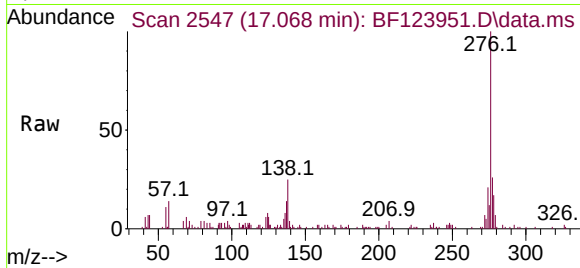
#87
Indeno(1,2,3-cd)pyrene
Concen: 14.89 ng
RT: 17.068 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23

Tgt Ion:	276	Resp:	62698
Ion Ratio	Lower	Upper	
276	100		
138	21.6	16.2	24.2
277	25.5	20.1	30.1

Instrument :
BNA_F
ClientSampleId :
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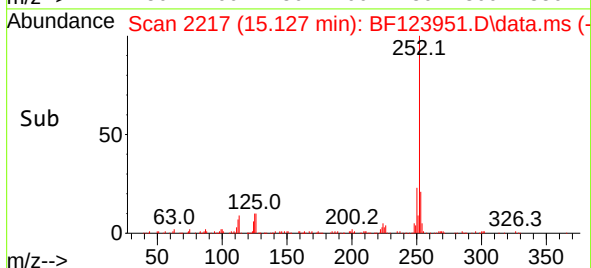
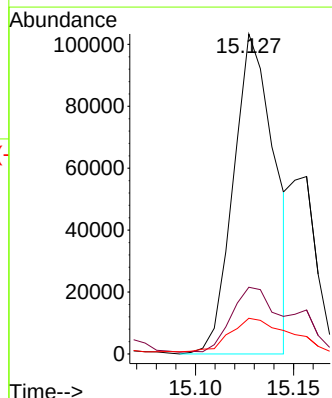
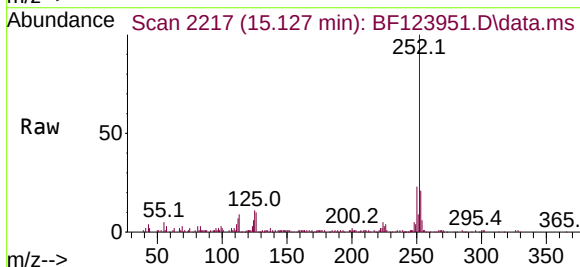
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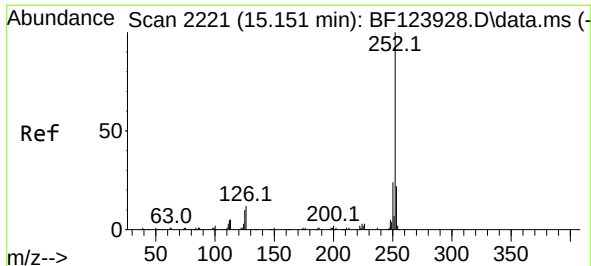
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#88
Benzo(b)fluoranthene
Concen: 35.79 ng m
RT: 15.127 min Scan# 2217
Delta R.T. 0.012 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23

Tgt Ion:	252	Resp:	150924
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.1	27.1
125	11.2	6.2	9.4#





#89

Benzo(k)fluoranthene

Concen: 13.52 ng m

RT: 15.157 min Scan# 2222

Delta R.T. 0.006 min

Lab File: BF123951.D

Acq: 15 May 2021 18:23

Tgt Ion:	252	Resp:	51959
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.9	26.9
125	9.8	7.0	10.6

Instrument :

BNA_F

ClientSampleId :

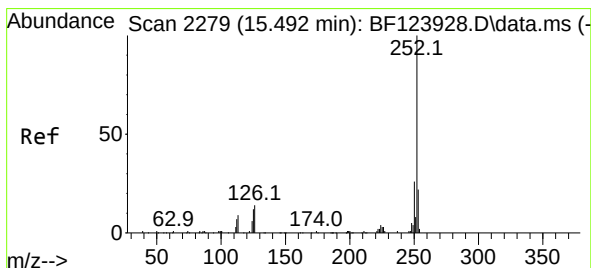
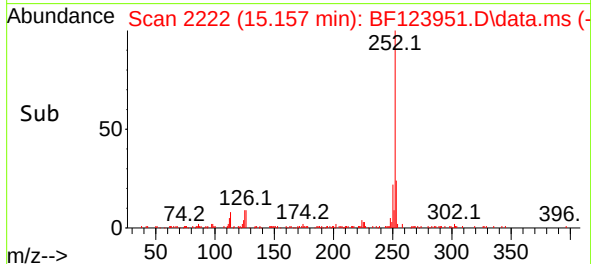
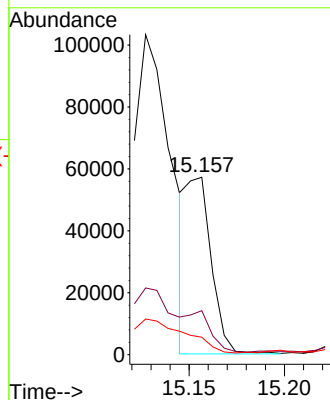
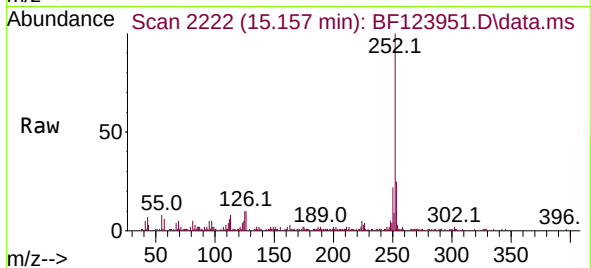
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#90

Benzo(a)pyrene

Concen: 28.69 ng

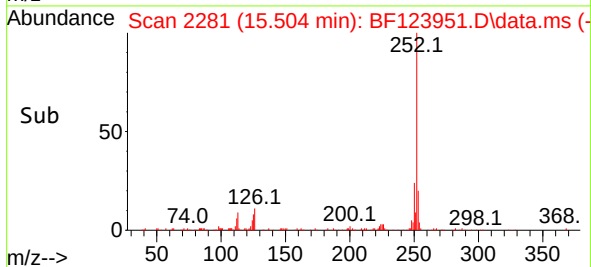
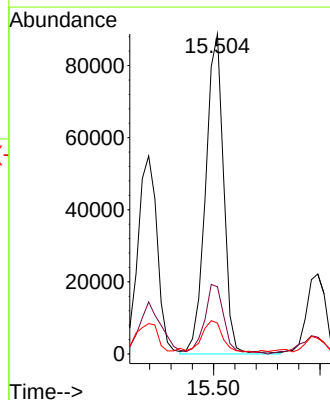
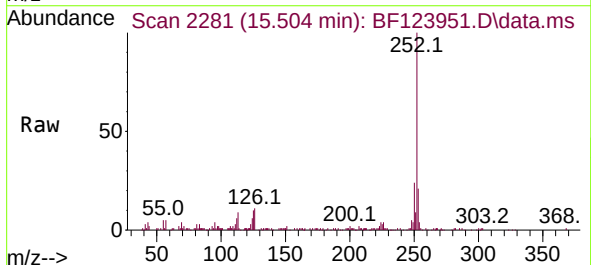
RT: 15.504 min Scan# 2281

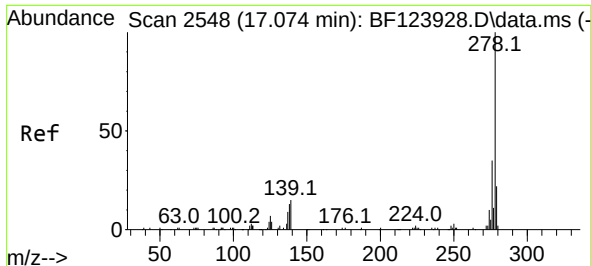
Delta R.T. 0.012 min

Lab File: BF123951.D

Acq: 15 May 2021 18:23

Tgt Ion:	252	Resp:	104573
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.4	27.6
125	9.6	8.0	12.0





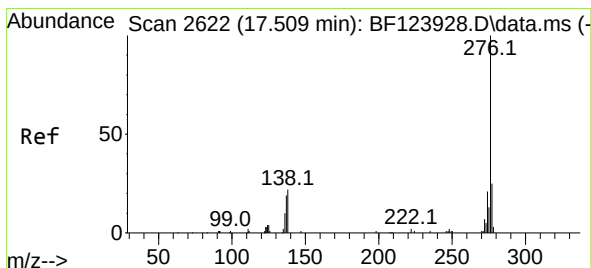
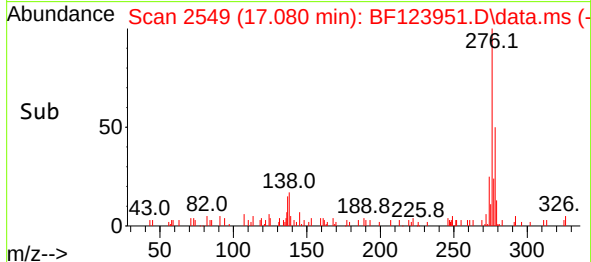
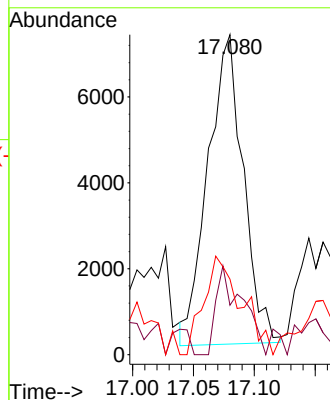
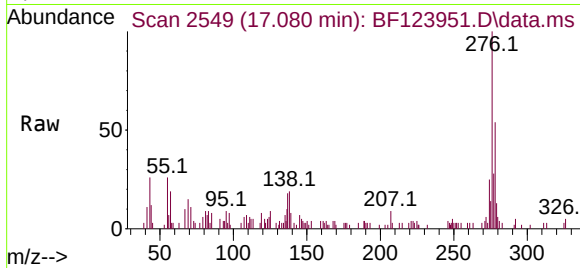
#91
Dibenzo(a,h)anthracene
Concen: 4.10 ng
RT: 17.080 min Scan# 2549
Delta R.T. 0.006 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23

Tgt Ion: 278 Resp: 14538
Ion Ratio Lower Upper
278 100
139 15.4 10.2 15.2#
279 23.6 19.4 29.0

Instrument :
BNA_F
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 16.46 ng
RT: 17.521 min Scan# 2624
Delta R.T. 0.012 min
Lab File: BF123951.D
Acq: 15 May 2021 18:23

Tgt Ion: 276 Resp: 58542
Ion Ratio Lower Upper
276 100
277 21.0 18.2 27.2
138 18.9 13.8 20.6

