

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123394.D
 Acq On : 18 Mar 2021 20:59
 Operator : JU/CG
 Sample : M1713-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6A

Manual Integrations
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Quant Time: Mar 19 00:20:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 02:38:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	206706	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	831487	20.00	ng	# 0.00
39) Acenaphthene-d10	9.827	164	399939	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	546269	20.00	ng	# 0.00
76) Chrysene-d12	13.962	240	321775	20.00	ng	#-0.01
86) Perylene-d12	15.415	264	293452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1243677	85.44	ng	0.00
7) Phenol-d6	6.433	99	1475827	78.06	ng	-0.01
23) Nitrobenzene-d5	7.351	82	914147	64.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	223154	79.84	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1418119	69.64	ng	0.00
79) Terphenyl-d14	12.910	244	947513	57.34	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.686	152	97883	2.45	ng	97
50) Dimethylphthalate	9.545	163	138468	4.90	ng	# 98
71) Phenanthrene	11.339	178	85646	2.57	ng	95
75) Fluoranthene	12.533	202	351589	9.41	ng	97
78) Pyrene	12.762	202	405375	13.73	ng	99
81) Benzo(a)anthracene	13.951	228	264081	12.45	ng	94
83) Chrysene	13.986	228	256582	11.71	ng	97
87) Indeno(1,2,3-cd)pyrene	16.845	276	188449	9.58	ng	# 89
88) Benzo(b)fluoranthene	14.998	252	482429m	22.88	ng	
89) Benzo(k)fluoranthene	15.021	252	112369m	5.95	ng	
90) Benzo(a)pyrene	15.351	252	391587	21.05	ng	# 91
91) Dibenzo(a,h)anthracene	16.850	278	53039	3.27	ng	# 76
92) Benzo(g,h,i)perylene	17.274	276	157644	9.13	ng	# 87

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

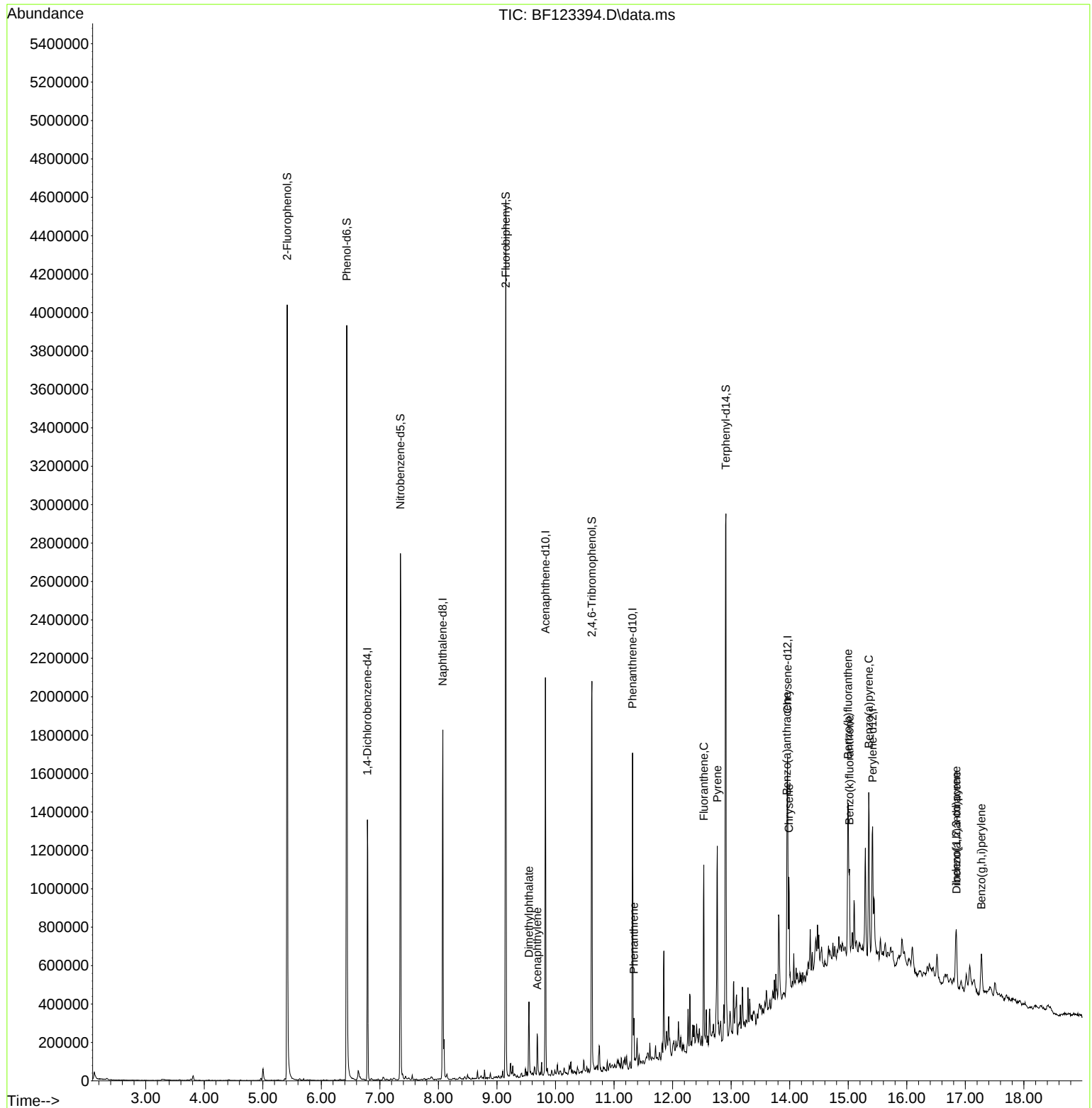
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123394.D
Acq On : 18 Mar 2021 20:59
Operator : JU/CG
Sample : M1713-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

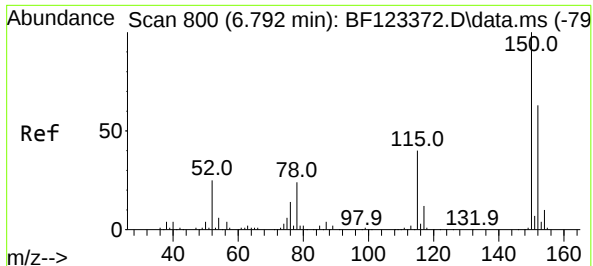
Instrument :
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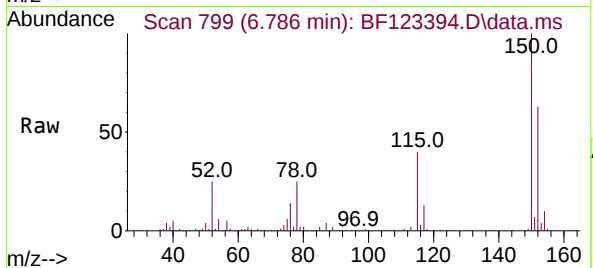
Quant Time: Mar 19 00:20:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 02:38:45 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

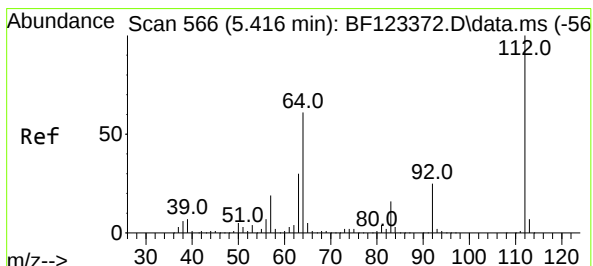
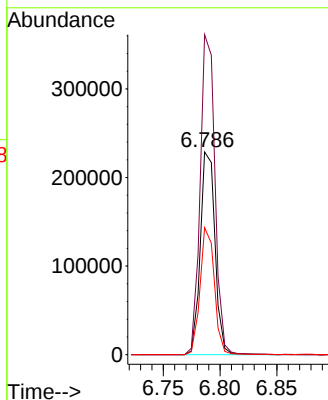
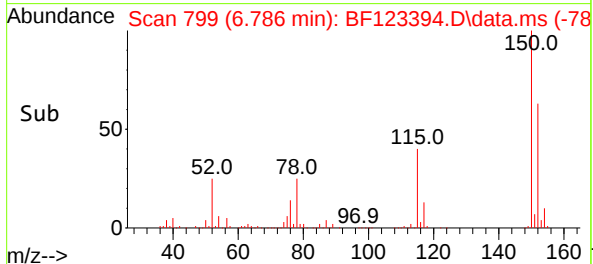
Instrument :
BNA_F
ClientSampled :
TP-6A



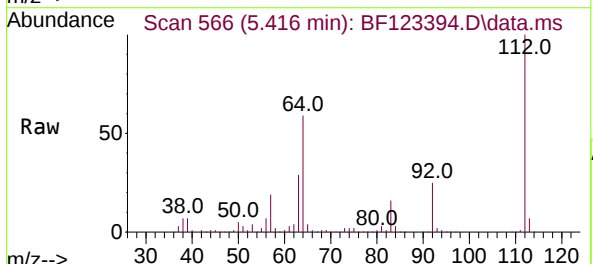
Tgt Ion:152 Resp: 206706
Ion Ratio Lower Upper
152 100
150 157.9 125.8 188.6
115 62.7 49.3 73.9

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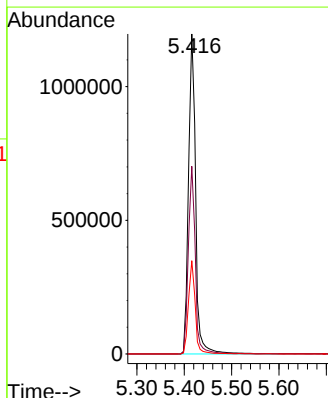
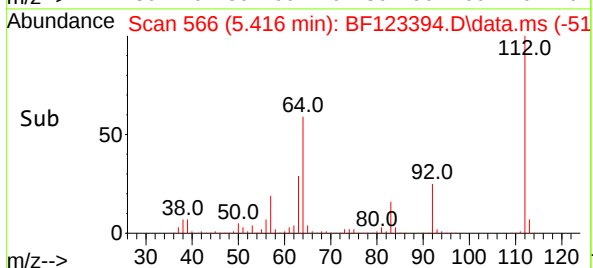
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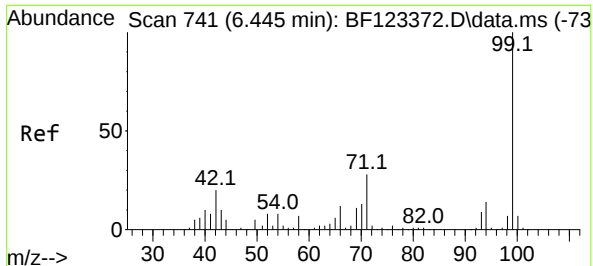


#5
2-Fluorophenol
Concen: 85.44 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.000 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59



Tgt Ion:112 Resp: 1243677
Ion Ratio Lower Upper
112 100
64 58.6 46.9 70.3
63 29.1 24.5 36.7





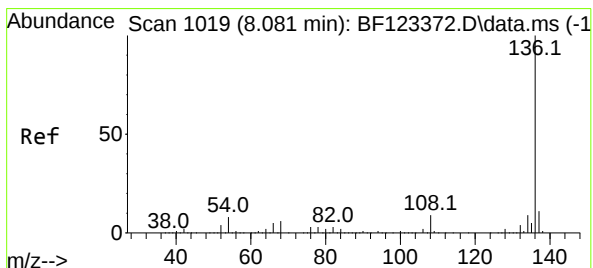
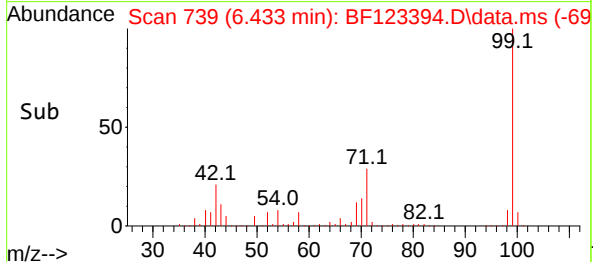
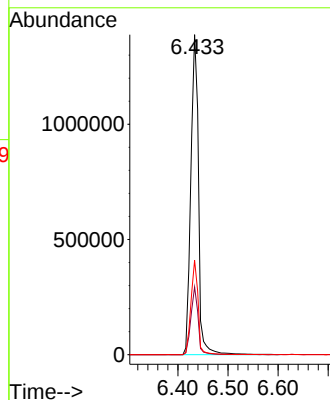
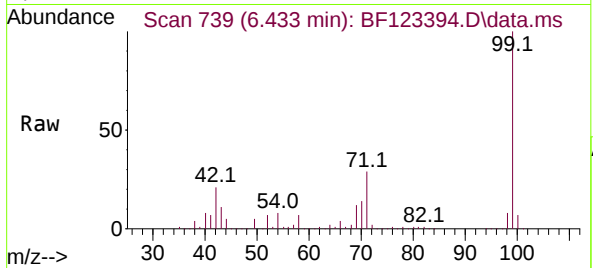
#7
Phenol-d6
Concen: 78.06 ng
RT: 6.433 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

Tgt Ion: 99 Resp: 1475827
Ion Ratio Lower Upper
99 100
42 21.1 13.8 20.6#
71 29.5 26.9 40.3

Instrument :
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ClientSampled :
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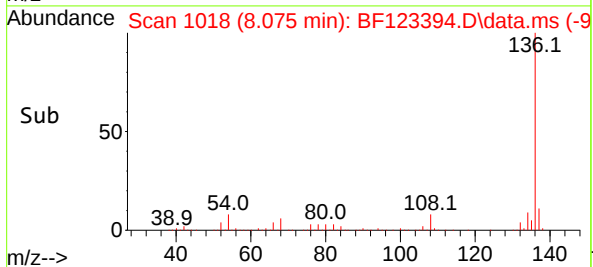
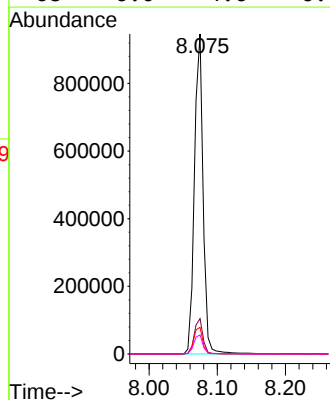
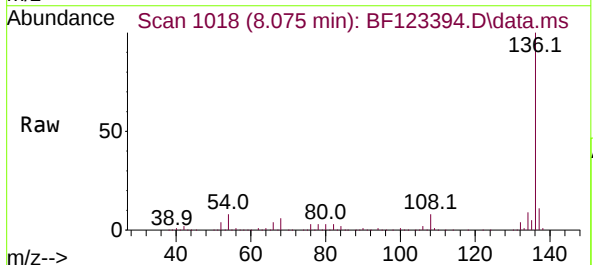
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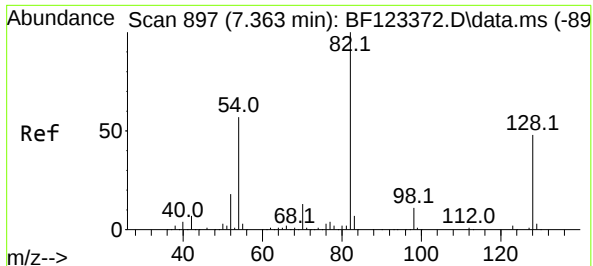
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

Tgt Ion: 136 Resp: 831487
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 5.5 8.3#
68 6.0 4.6 6.8





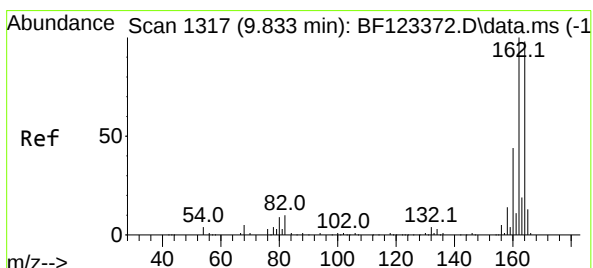
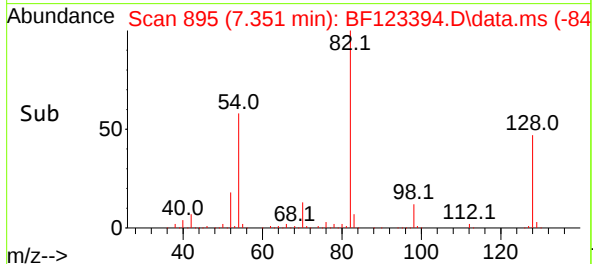
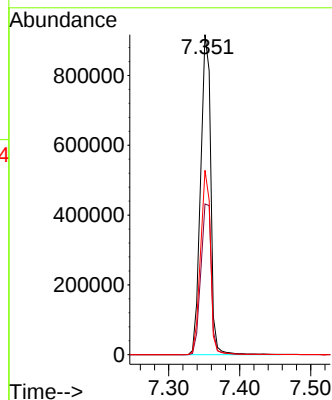
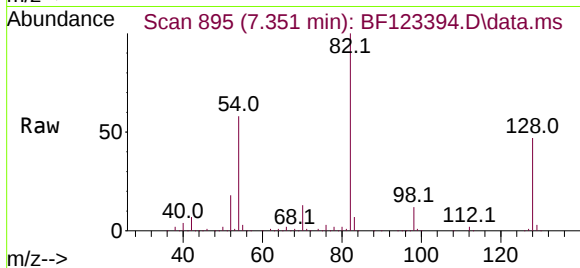
#23
Nitrobenzene-d5
Concen: 64.57 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

Tgt Ion: 82 Resp: 914147
Ion Ratio Lower Upper
82 100
128 47.1 37.0 55.4
54 57.6 38.4 57.6#

Instrument :
BNA_F
ClientSampled :
TP-6A

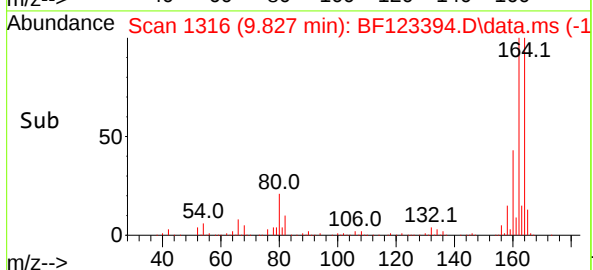
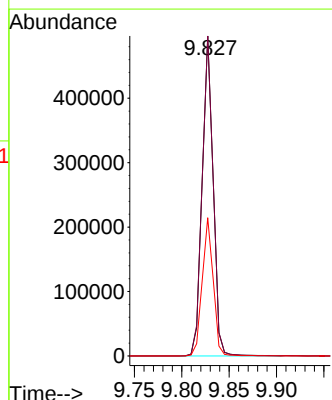
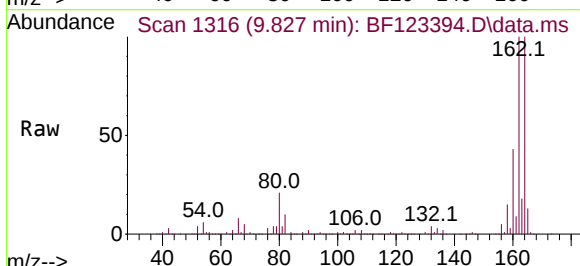
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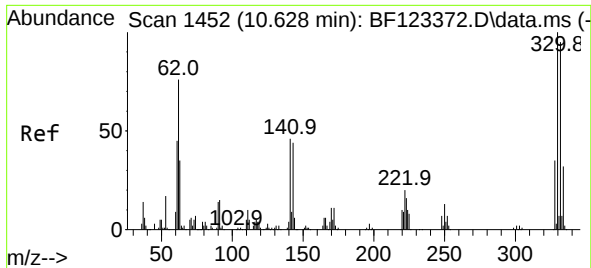
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

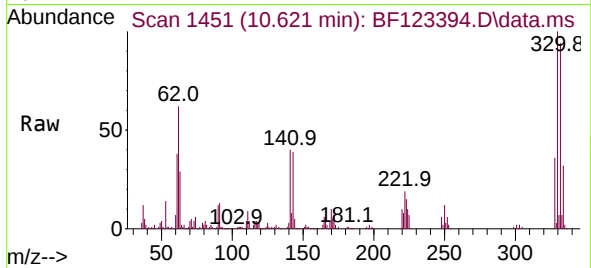
Tgt Ion:164 Resp: 399939
Ion Ratio Lower Upper
164 100
162 100.1 80.8 121.2
160 43.2 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 79.84 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.007 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

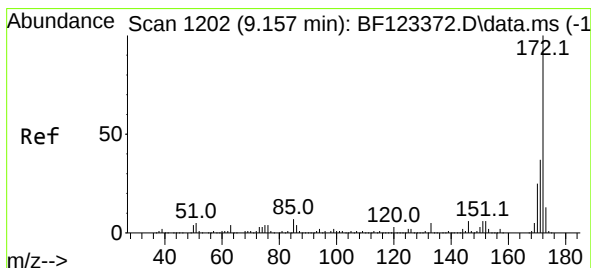
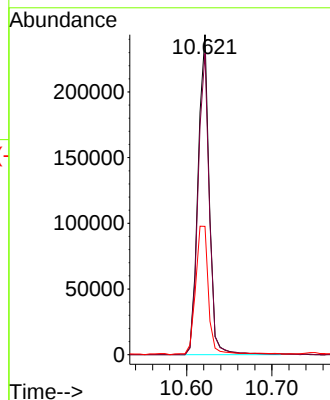
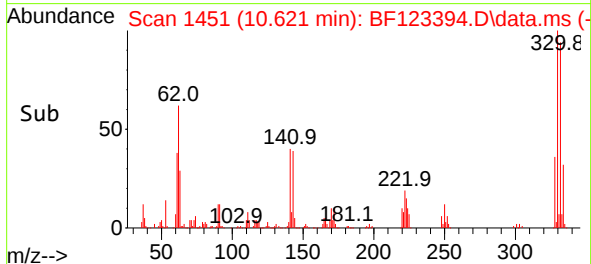
Instrument :
BNA_F
ClientSampled :
TP-6A



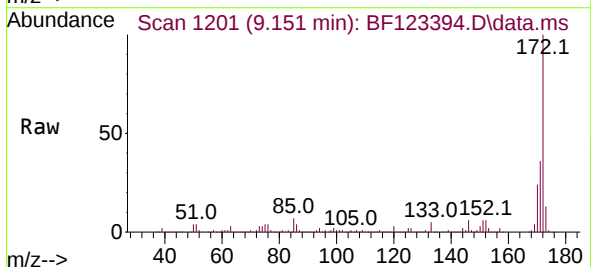
Tgt Ion: 330 Resp: 223154
Ion Ratio Lower Upper
330 100
332 94.9 77.5 116.3
141 45.7 23.8 35.8#

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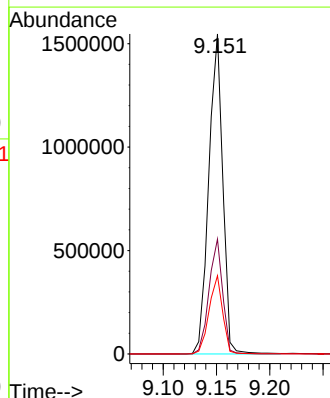
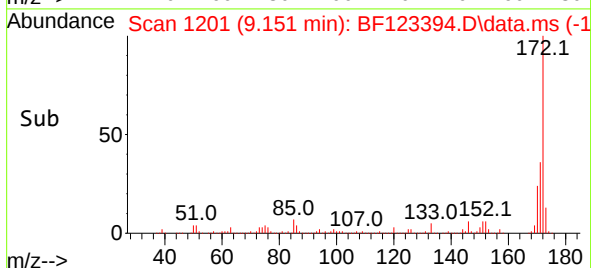
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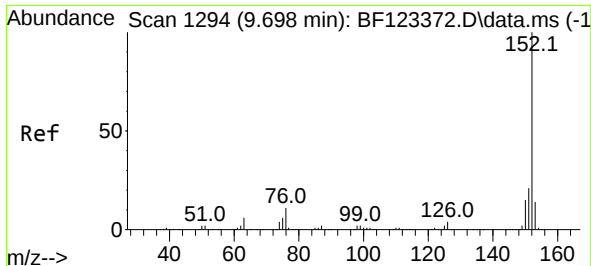


#45
2-Fluorobiphenyl
Concen: 69.64 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59



Tgt Ion: 172 Resp: 1418119
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.5 19.5 29.3





#49

Acenaphthylene

Concen: 2.45 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.012 min

Lab File: BF123394.D

Acq: 18 Mar 2021 20:59

Tgt Ion:	152	Resp:	97883
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.6	25.0
153	12.7	10.9	16.3

Instrument :

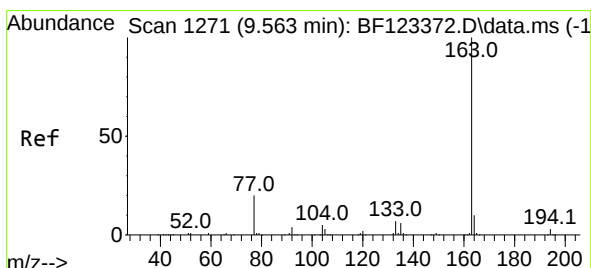
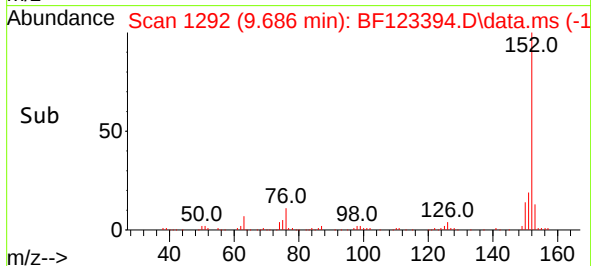
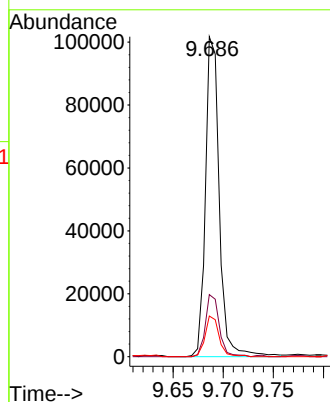
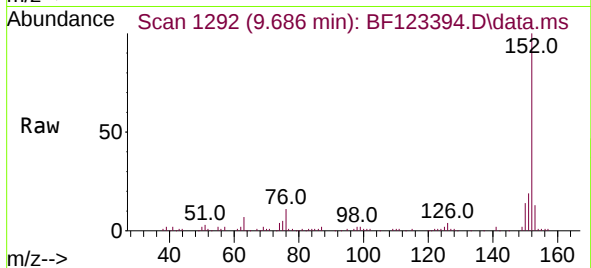
BNA_F

ClientSampled :

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#50

Dimethylphthalate

Concen: 4.90 ng

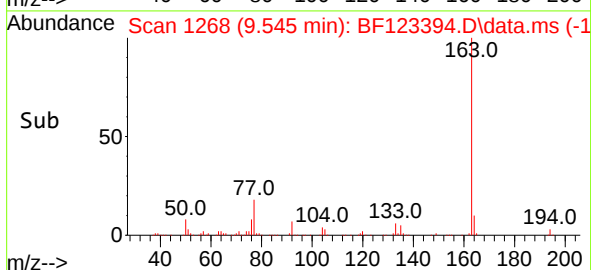
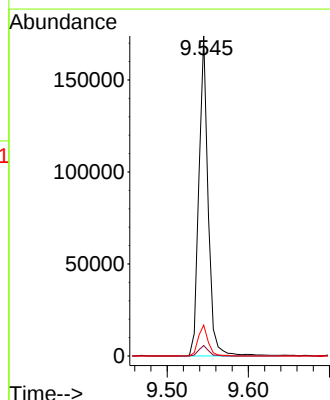
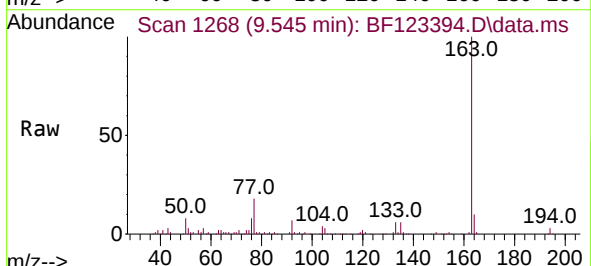
RT: 9.545 min Scan# 1268

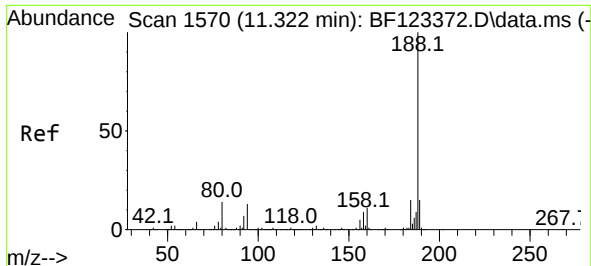
Delta R.T. -0.018 min

Lab File: BF123394.D

Acq: 18 Mar 2021 20:59

Tgt Ion:	163	Resp:	138468
Ion Ratio	Lower	Upper	
163	100		
194	3.2	3.4	5.0#
164	9.7	8.1	12.1





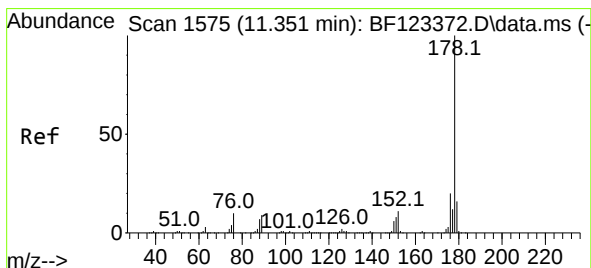
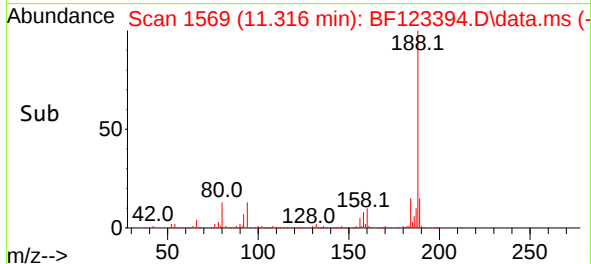
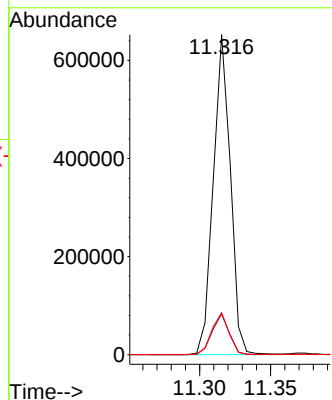
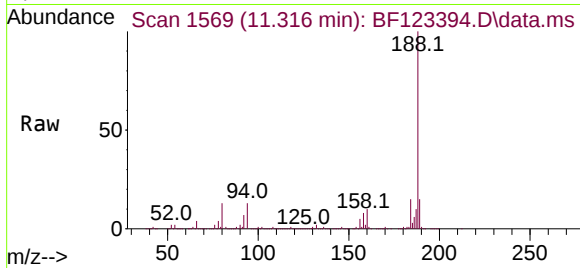
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

Instrument :
BNA_F
ClientSampled :
TP-6A

Tgt Ion:188 Resp: 546269
Ion Ratio Lower Upper
188 100
94 12.8 7.4 11.2#
80 13.1 8.2 12.4#

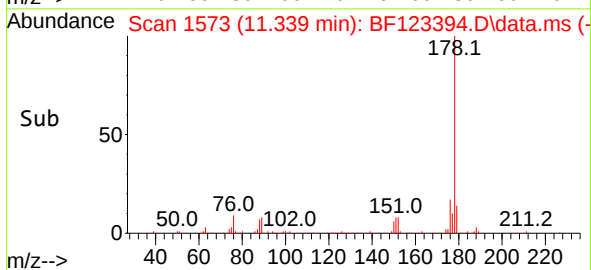
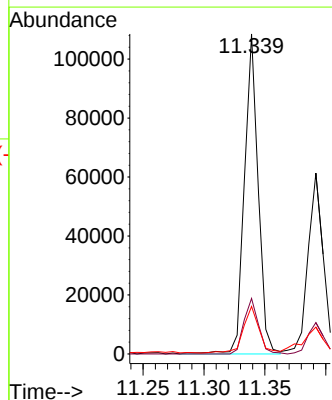
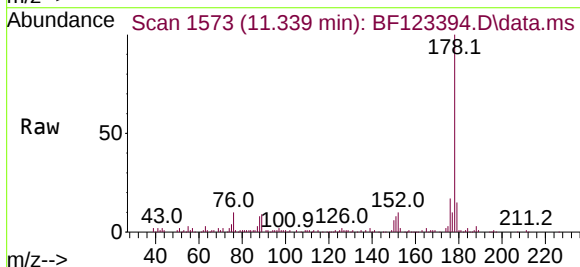
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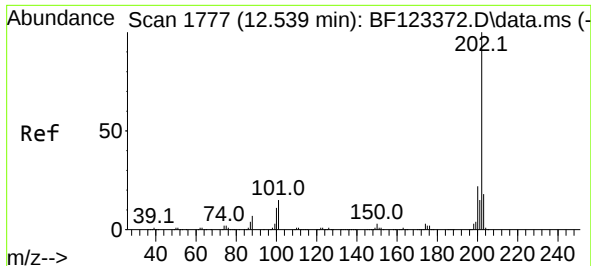
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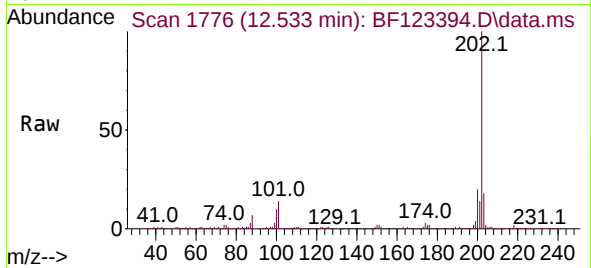
#71
Phenanthrene
Concen: 2.57 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

Tgt Ion:178 Resp: 85646
Ion Ratio Lower Upper
178 100
176 17.3 16.2 24.2
179 14.9 12.7 19.1

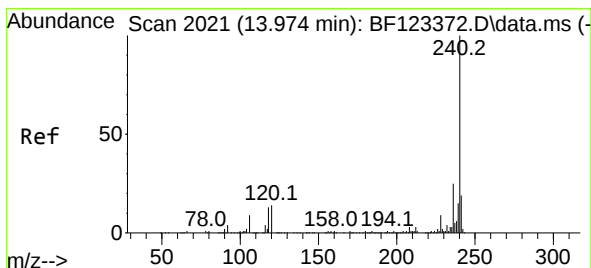
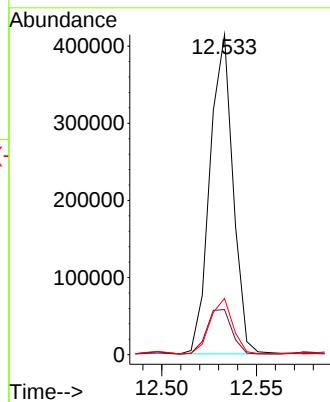
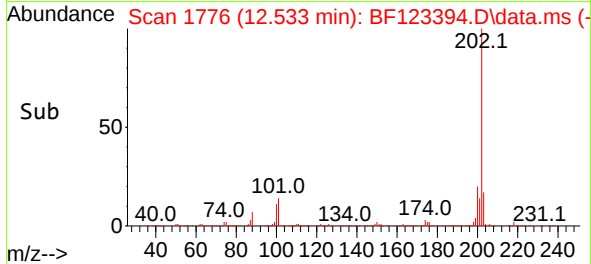




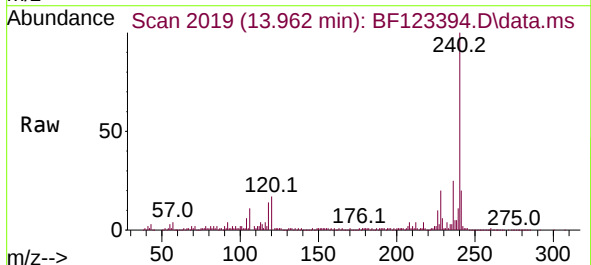
#75
Fluoranthene
Concen: 9.41 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59



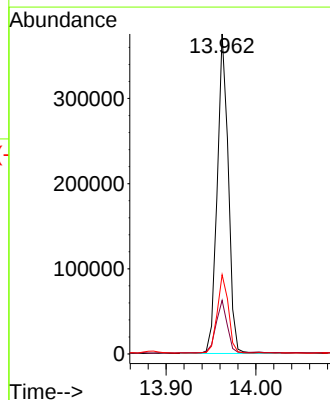
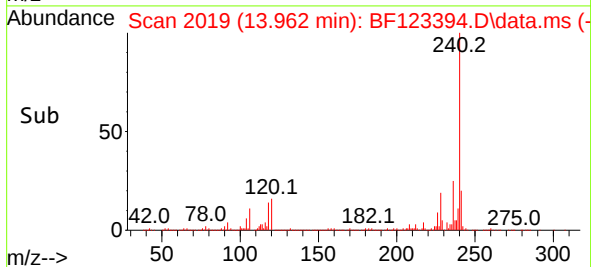
Tgt Ion:202 Resp: 351589
Ion Ratio Lower Upper
202 100
101 14.1 0.0 32.2
203 17.6 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59



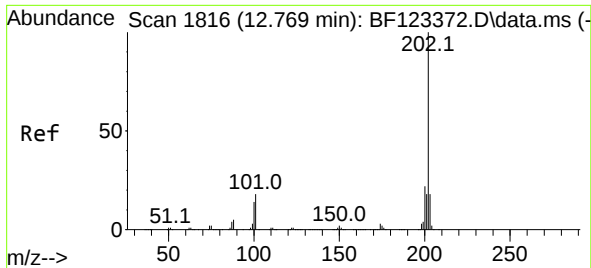
Tgt Ion:240 Resp: 321775
Ion Ratio Lower Upper
240 100
120 16.7 8.6 12.8#
236 24.8 20.3 30.5



Instrument :
BNA_F
ClientSampled :
TP-6A

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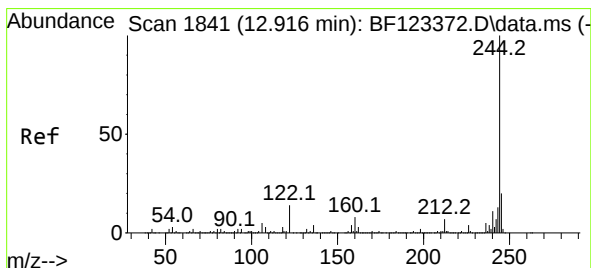
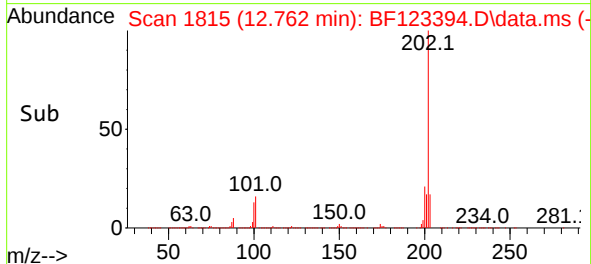
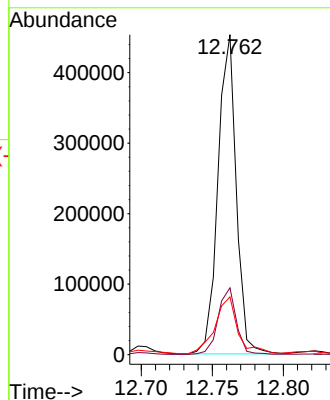
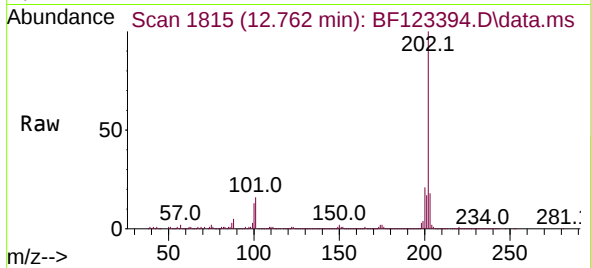
#78
Pyrene
Concen: 13.73 ng
RT: 12.762 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

Tgt Ion:	202	Resp:	405375
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.6	26.4
203	18.0	14.6	21.8

Instrument :
BNA_F
ClientSampled :
TP-6A

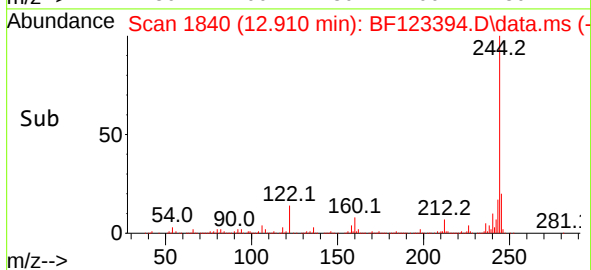
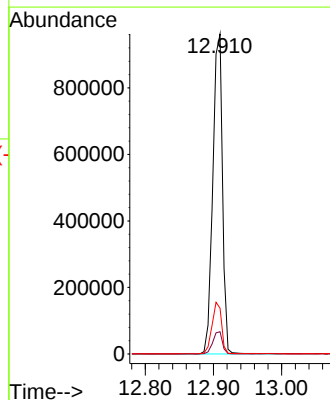
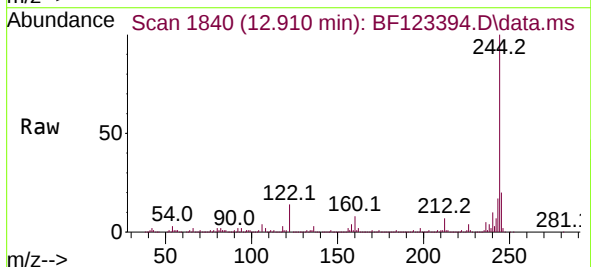
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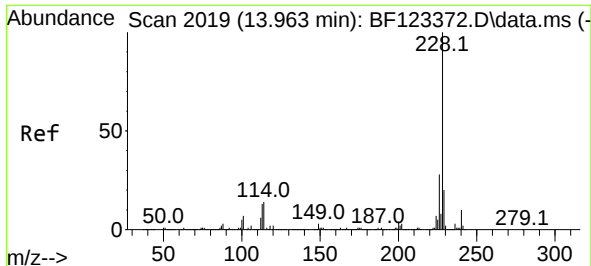
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#79
Terphenyl-d14
Concen: 57.34 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

Tgt Ion:	244	Resp:	947513
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.7	8.5
122	14.3	8.3	12.5#





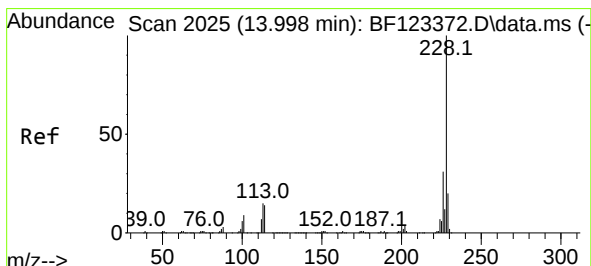
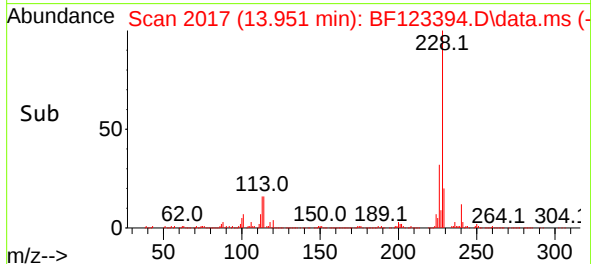
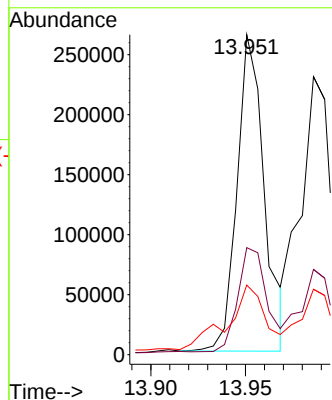
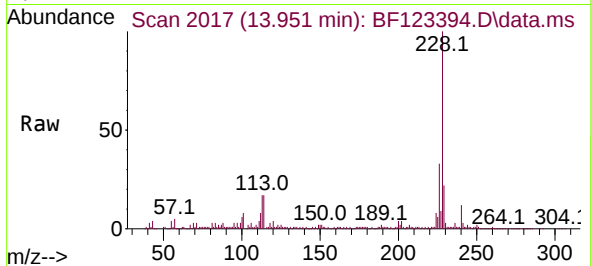
#81
Benzo(a)anthracene
Concen: 12.45 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

Tgt Ion:	228	Resp:	264081
Ion Ratio	Lower	Upper	
228	100		
226	33.5	23.0	34.4
229	21.7	16.6	24.8

Instrument :
BNA_F
ClientSampled :
TP-6A

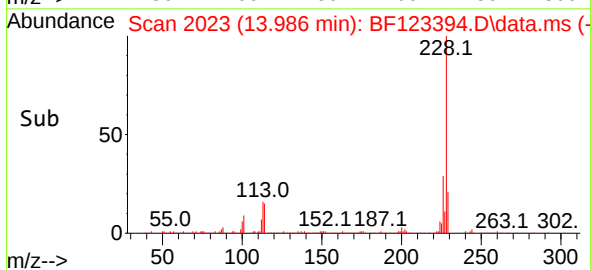
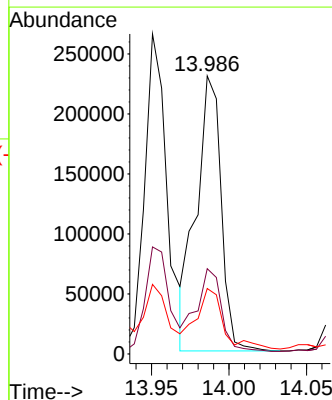
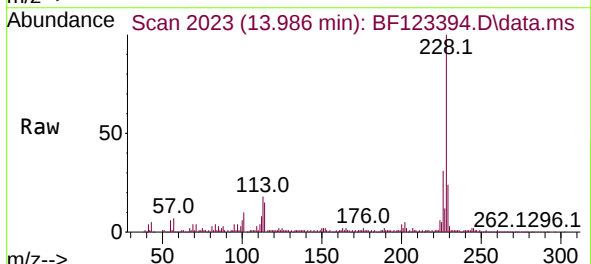
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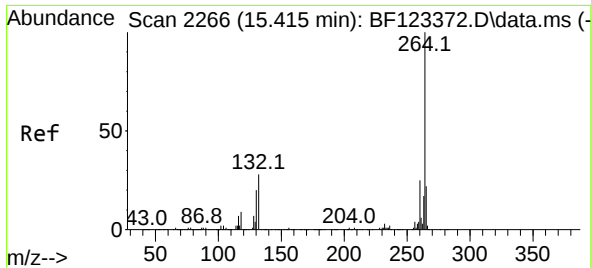
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#83
Chrysene
Concen: 11.71 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

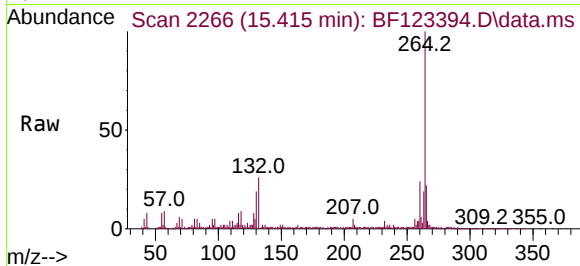
Tgt Ion:	228	Resp:	256582
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.6	36.8
229	23.6	15.8	23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

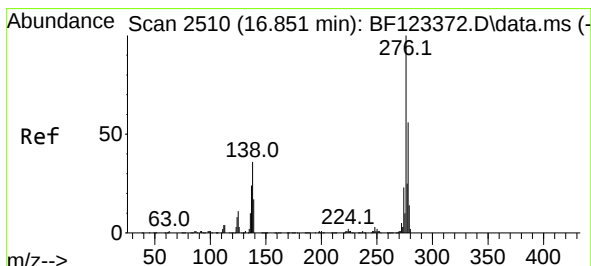
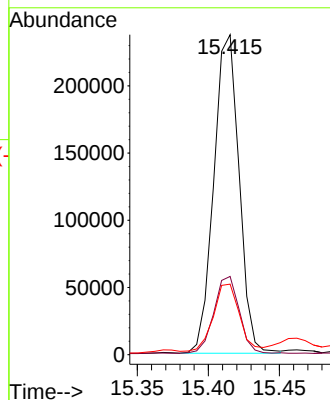
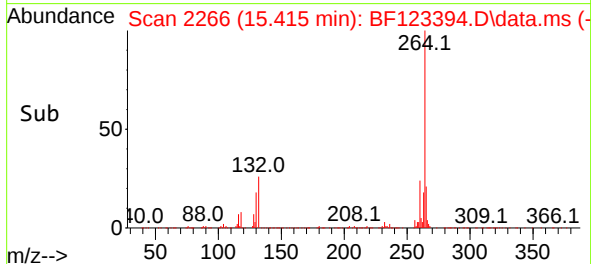
Instrument :
BNA_F
ClientSampled :
TP-6A



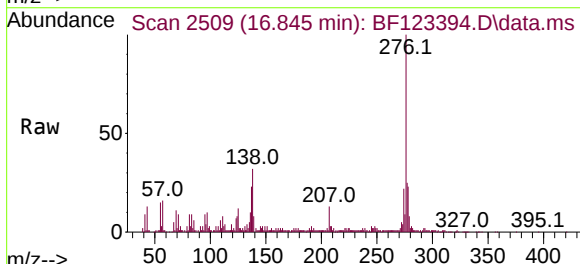
Tgt Ion:264 Resp: 293452
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.1 17.0 25.6

Manual Integrations
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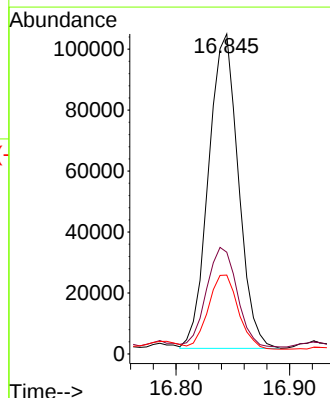
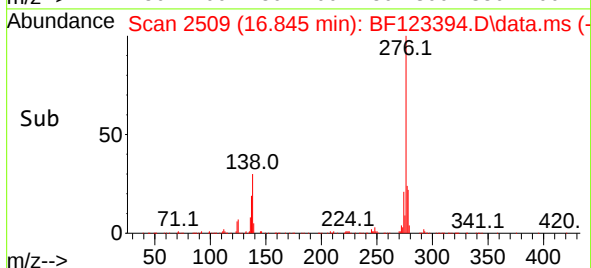
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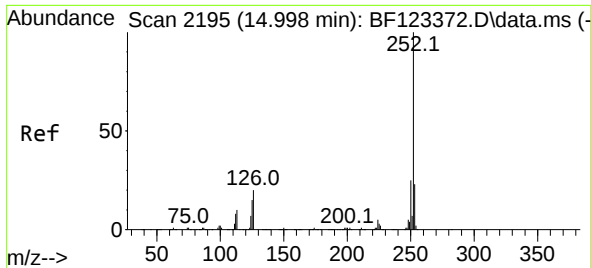


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.58 ng
RT: 16.845 min Scan# 2509
Delta R.T. -0.006 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59



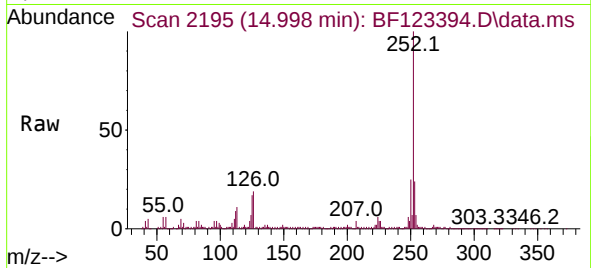
Tgt Ion:276 Resp: 188449
Ion Ratio Lower Upper
276 100
138 32.6 18.7 28.1#
277 23.8 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 22.88 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

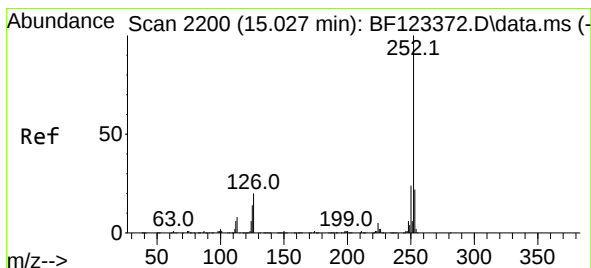
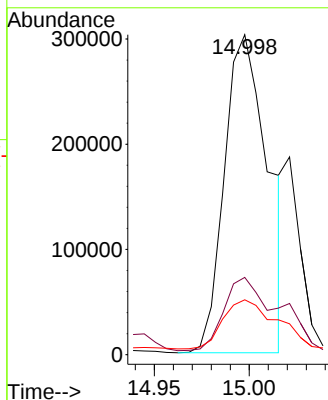
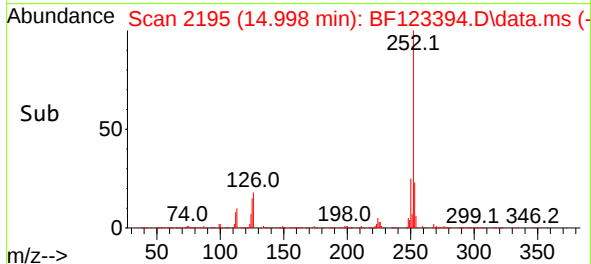
Instrument :
BNA_F
ClientSampled :
TP-6A



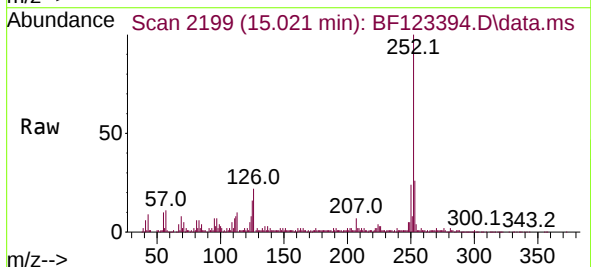
Tgt Ion:252 Resp: 482429
Ion Ratio Lower Upper
252 100
253 24.1 18.3 27.5
125 17.2 8.1 12.1#

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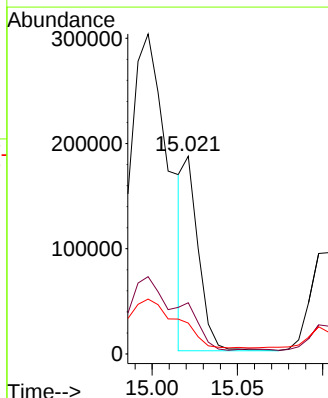
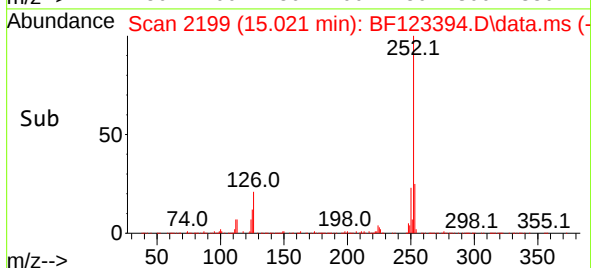
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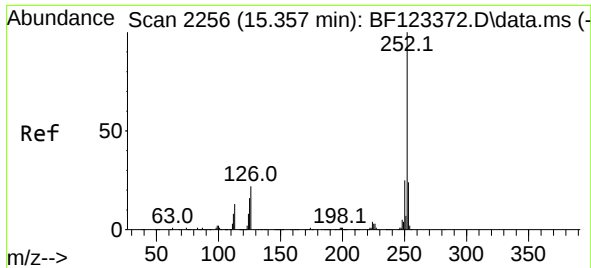


#89
Benzo(k)fluoranthene
Concen: 5.95 ng m
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59



Tgt Ion:252 Resp: 112369
Ion Ratio Lower Upper
252 100
253 25.9 17.8 26.8
125 15.6 8.4 12.6#





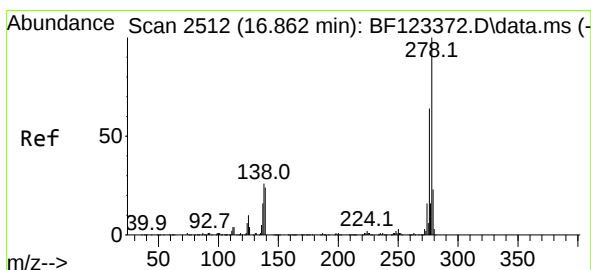
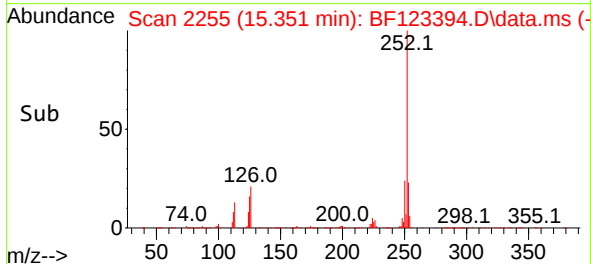
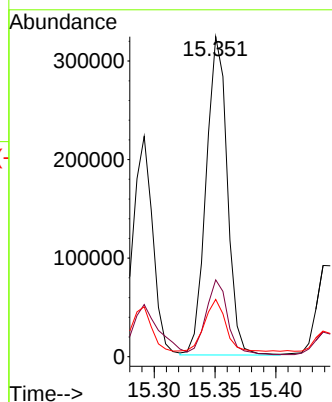
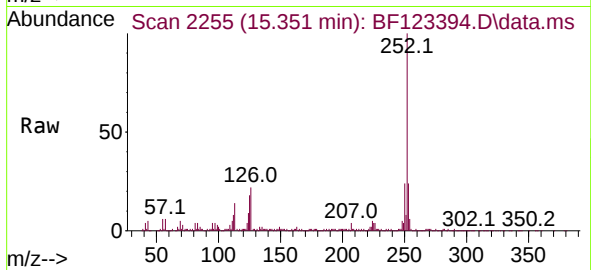
#90
Benzo(a)pyrene
Concen: 21.05 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

Instrument :
BNA_F
ClientSampled :
TP-6A

Tgt Ion:252 Resp: 391587
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 17.9 8.6 12.8#

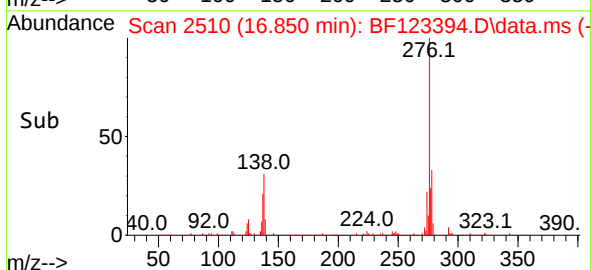
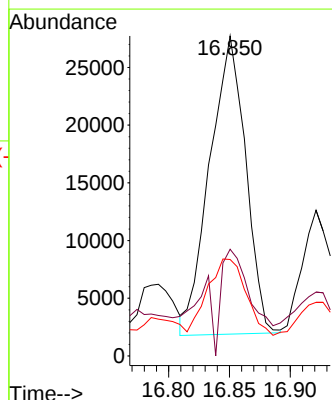
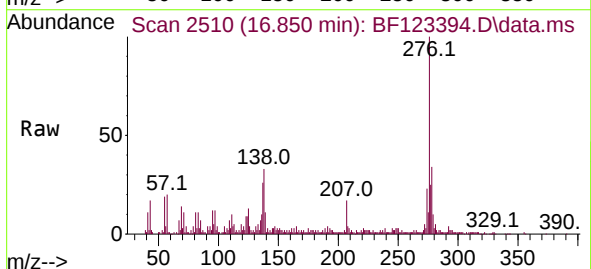
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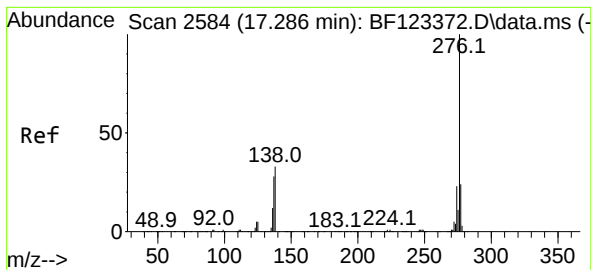
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#91
Dibenzo(a,h)anthracene
Concen: 3.27 ng
RT: 16.850 min Scan# 2510
Delta R.T. -0.012 min
Lab File: BF123394.D
Acq: 18 Mar 2021 20:59

Tgt Ion:278 Resp: 53039
Ion Ratio Lower Upper
278 100
139 33.3 12.0 18.0#
279 30.1 19.4 29.2#





#92
 Benzo(g,h,i)perylene
 Concen: 9.13 ng
 RT: 17.274 min Scan# 2582
 Delta R.T. -0.012 min
 Lab File: BF123394.D
 Acq: 18 Mar 2021 20:59

Tgt Ion: 276 Resp: 157644
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.3 28.9
 138 33.1 16.6 24.8#

Instrument :
 BNA_F
 ClientSampled :
 TP-6A

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