

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123384.D
 Acq On : 18 Mar 2021 15:38
 Operator : JU/CG
 Sample : M1682-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-MANHOLE

Manual Integrations
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Quant Time: Mar 18 15:59:45 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	6.787	152	194086	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	816571	20.00	ng	0.00
39) Acenaphthene-d10	9.828	164	396528	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	617111	20.00	ng	# 0.00
76) Chrysene-d12	13.963	240	355157	20.00	ng	#-0.01
86) Perylene-d12	15.404	264	296074	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1239582	90.70	ng	0.00
7) Phenol-d6	6.434	99	1488062	83.82	ng	-0.01
23) Nitrobenzene-d5	7.351	82	911592	65.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	245609	88.62	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1403215	69.44	ng	0.00
79) Terphenyl-d14	12.910	244	1177762	64.57	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.545	163	70684	2.52	ng	# 98
71) Phenanthrene	11.339	178	116554	3.09	ng	97
75) Fluoranthene	12.533	202	186468	3.66	ng	97
78) Pyrene	12.757	202	168733	5.18	ng	98
81) Benzo(a)anthracene	13.951	228	65981	2.82	ng	99
83) Chrysene	13.986	228	71890	2.97	ng	95
88) Benzo(b)fluoranthene	14.992	252	76069m	3.58	ng	
90) Benzo(a)pyrene	15.345	252	48192	2.57	ng	# 90

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

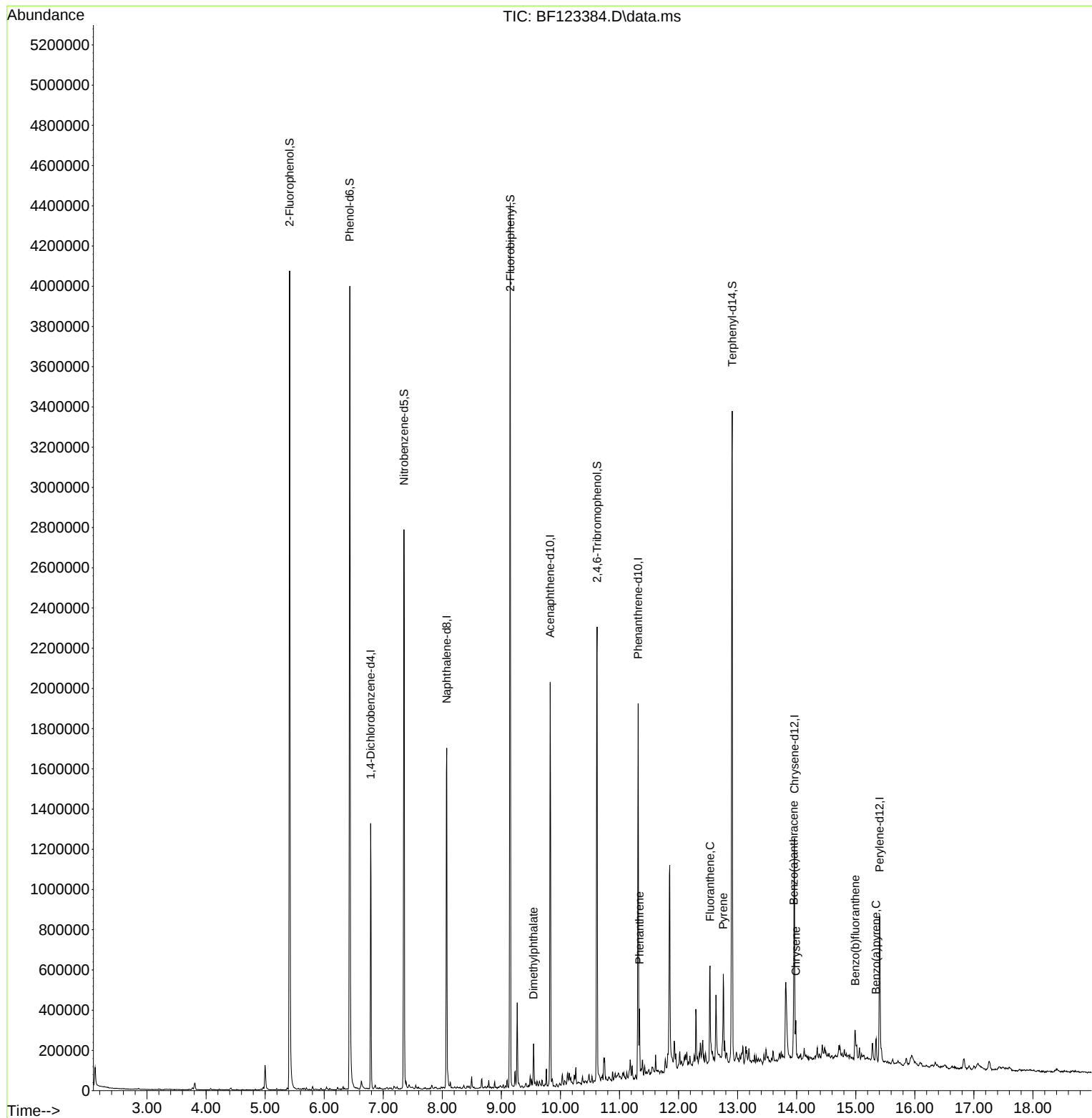
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Data File : BF123384.D
Acq On : 18 Mar 2021 15:38
Operator : JU/CG
Sample : M1682-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

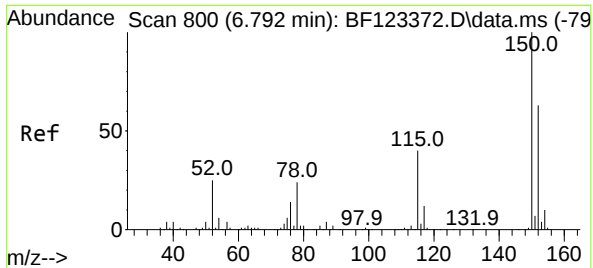
Instrument :
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ClientSampleId :
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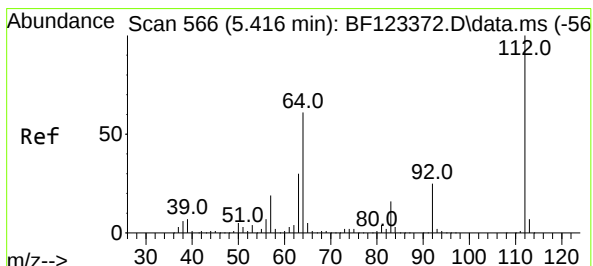
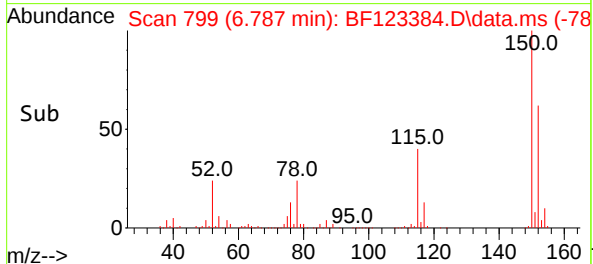
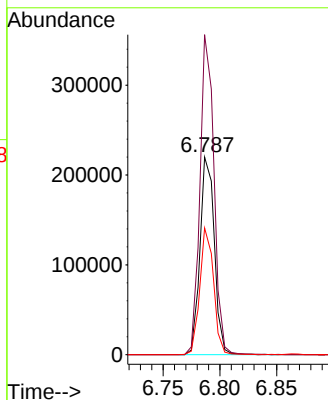
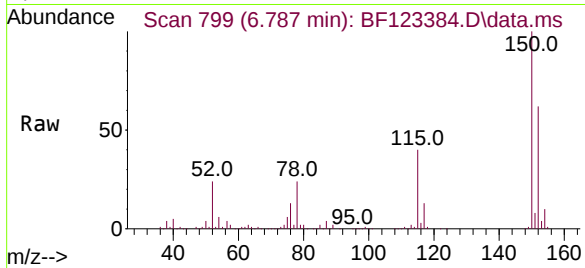
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38

Tgt Ion:152 Resp: 194086
Ion Ratio Lower Upper
152 100
150 162.0 125.8 188.6
115 64.1 49.3 73.9

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLE

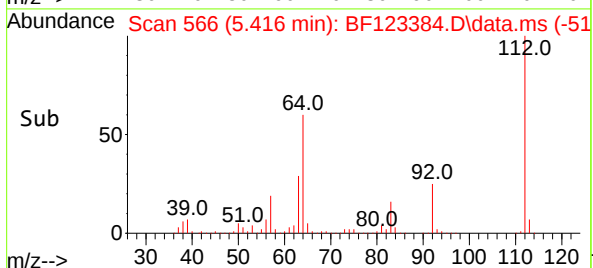
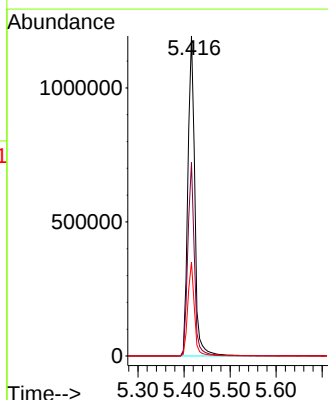
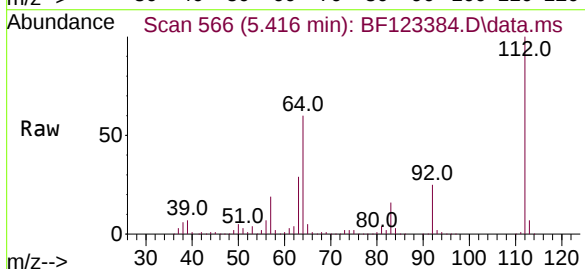
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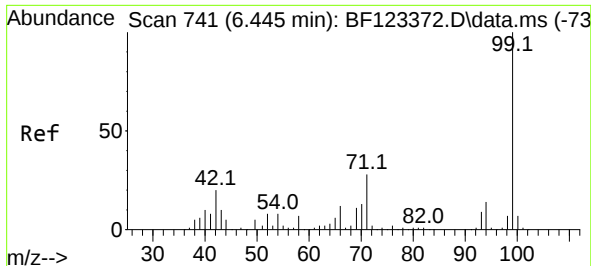
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#5
2-Fluorophenol
Concen: 90.70 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38

Tgt Ion:112 Resp: 1239582
Ion Ratio Lower Upper
112 100
64 60.5 46.9 70.3
63 29.4 24.5 36.7





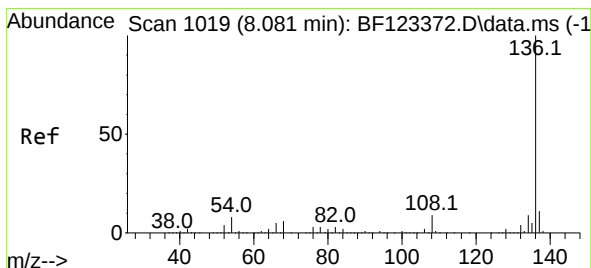
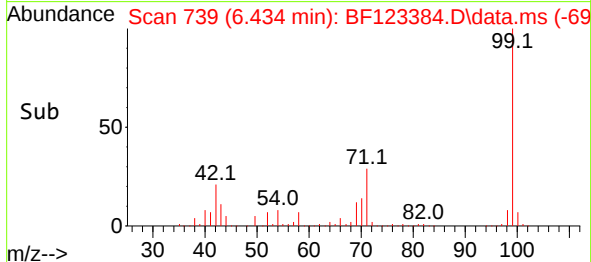
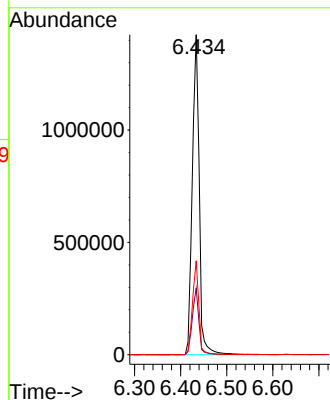
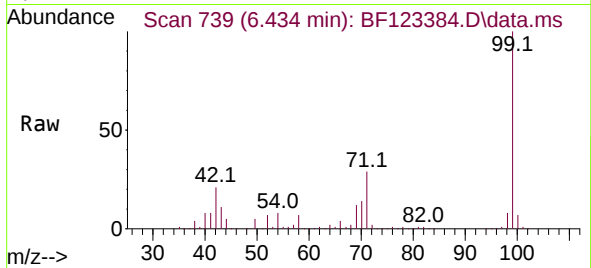
#7
Phenol-d6
Concen: 83.82 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.011 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 99 Resp: 1488062
Ion Ratio Lower Upper
99 100
42 20.8 13.8 20.6#
71 29.3 26.9 40.3

Instrument :
BNA_F
ClientSampleId :
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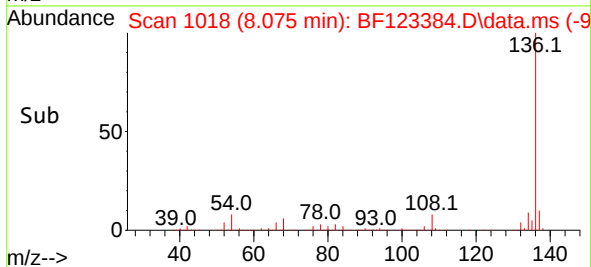
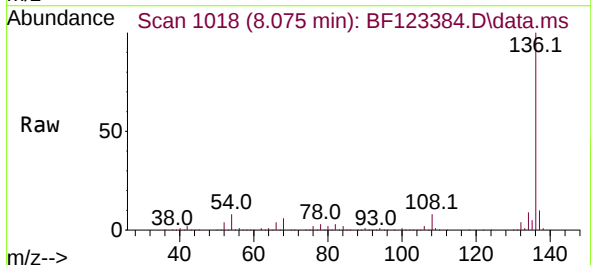
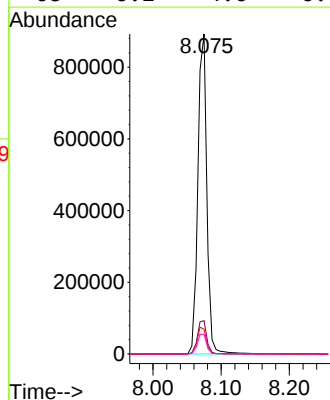
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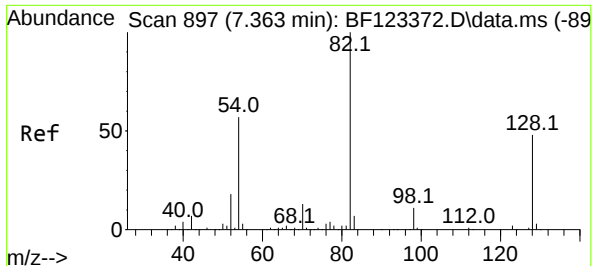
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38

Tgt Ion: 136 Resp: 816571
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.7 5.5 8.3
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 65.57 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF123384.D

Acq: 18 Mar 2021 15:38

Tgt Ion: 82 Resp: 911592

Ion Ratio Lower Upper

82 100

128 48.9 37.0 55.4

54 58.6 38.4 57.6#

Instrument :

BNA_F

ClientSampleId :

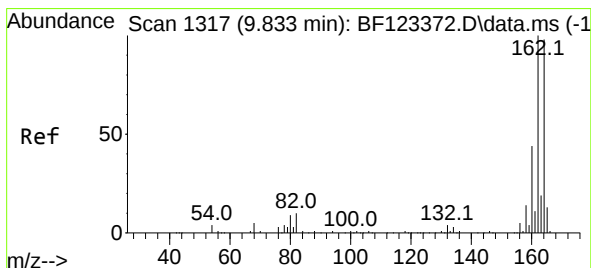
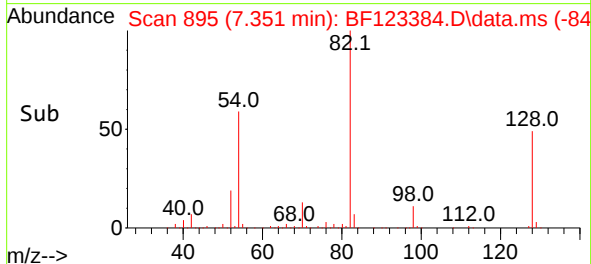
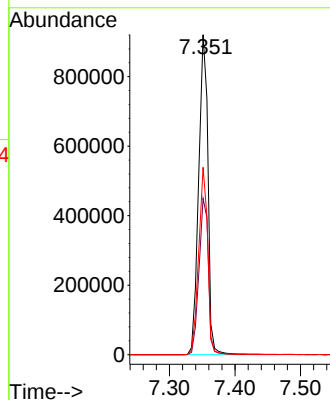
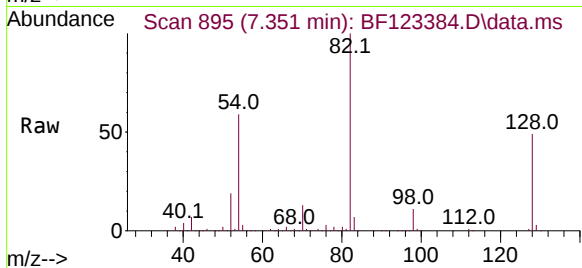
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Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF123384.D

Acq: 18 Mar 2021 15:38

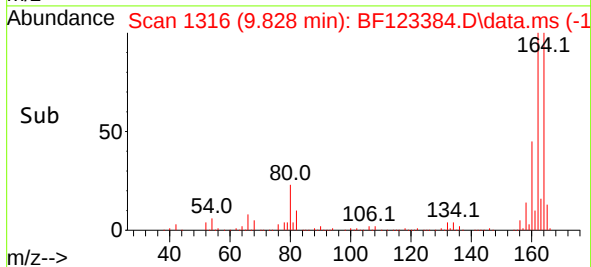
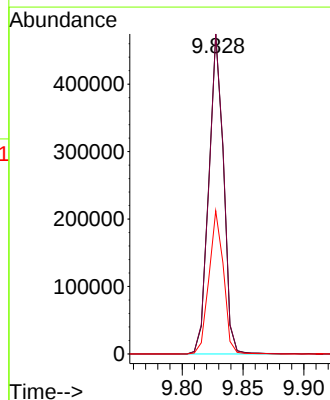
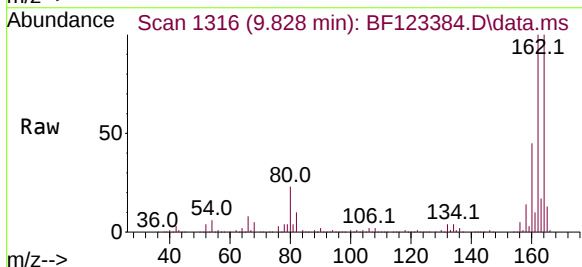
Tgt Ion:164 Resp: 396528

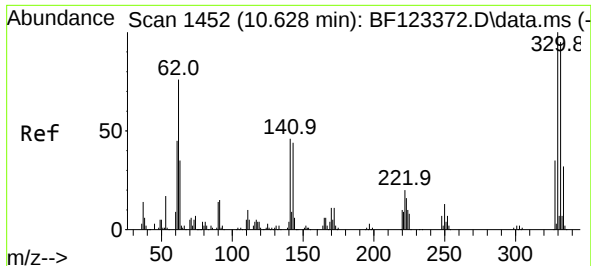
Ion Ratio Lower Upper

164 100

162 100.0 80.8 121.2

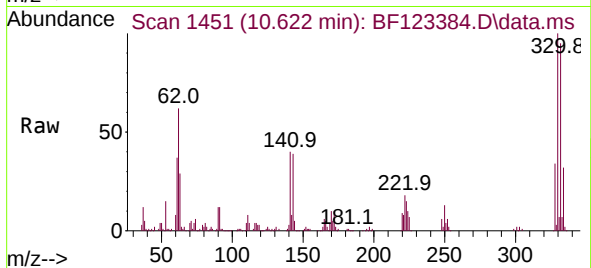
160 44.8 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 88.62 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38

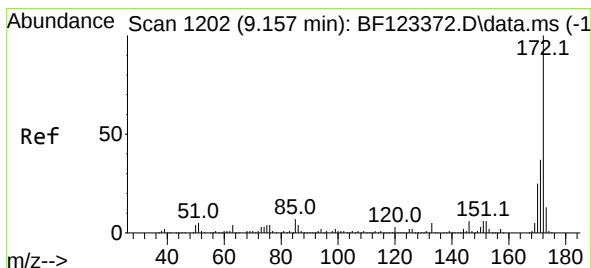
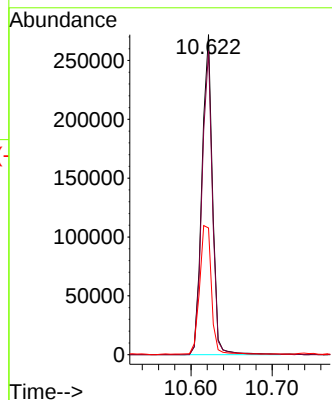
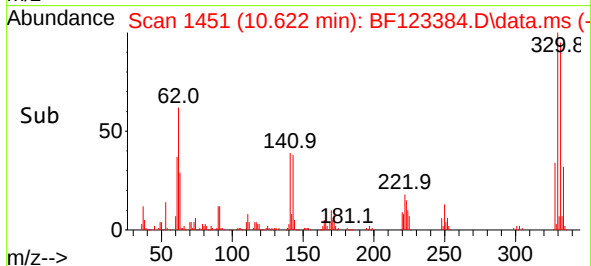
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BNA_F
ClientSampled :
SP-MANHOLE



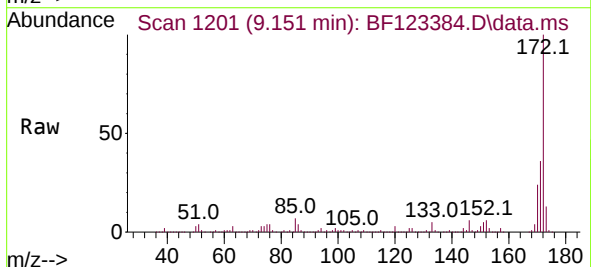
Tgt Ion: 330 Resp: 245609
Ion Ratio Lower Upper
330 100
332 94.4 77.5 116.3
141 44.7 23.8 35.8#

Manual Integrations
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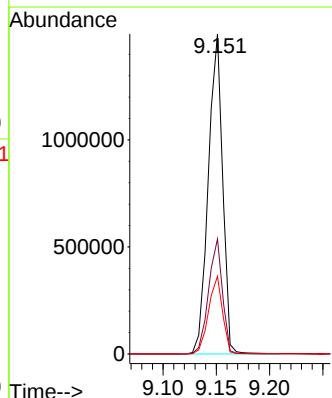
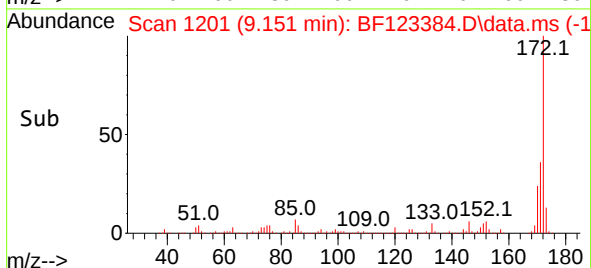
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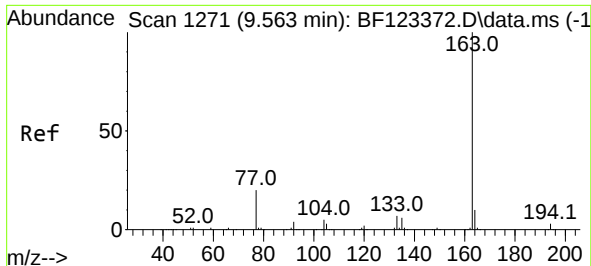


#45
2-Fluorobiphenyl
Concen: 69.44 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38



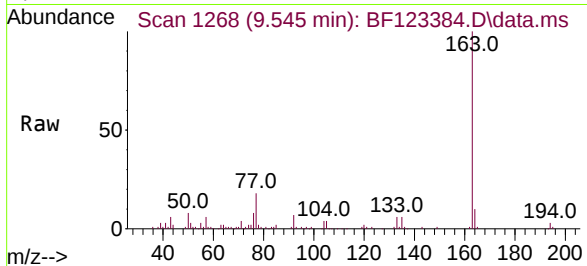
Tgt Ion: 172 Resp: 1403215
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.3 19.5 29.3





#50
Dimethylphthalate
Concen: 2.52 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38

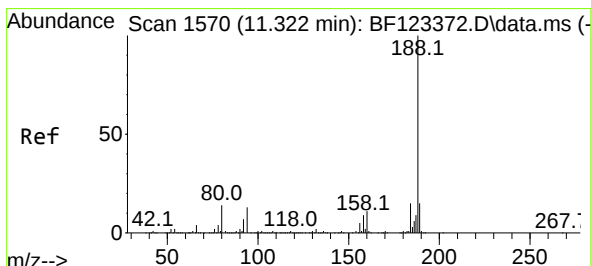
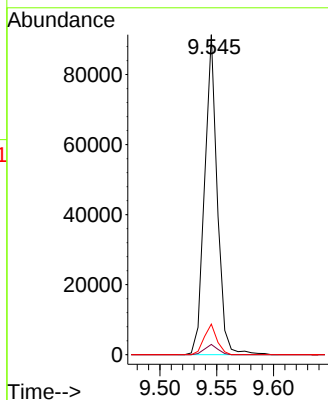
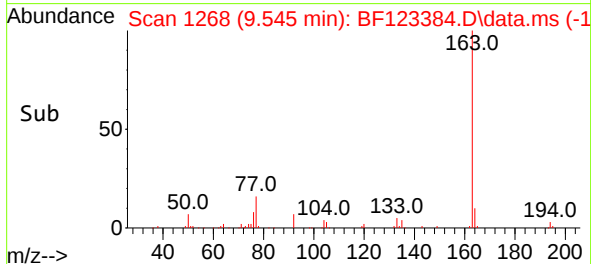
Instrument :
BNA_F
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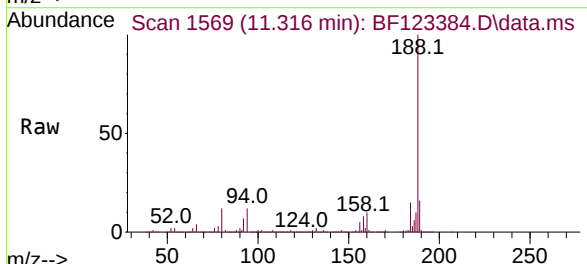
Tgt Ion:163 Resp: 70684
Ion Ratio Lower Upper
163 100
194 3.2 3.4 5.0#
164 9.5 8.1 12.1

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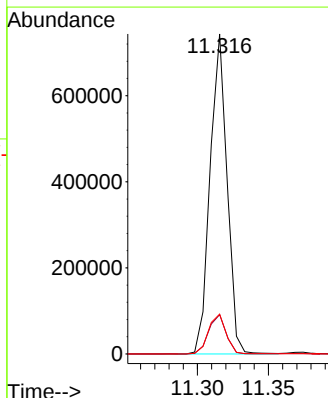
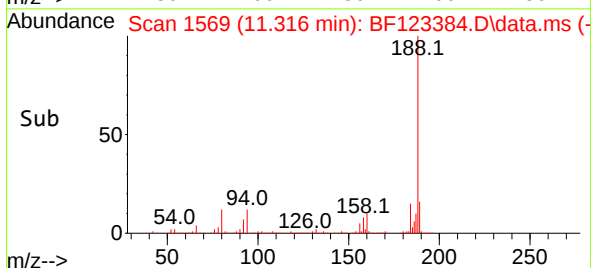
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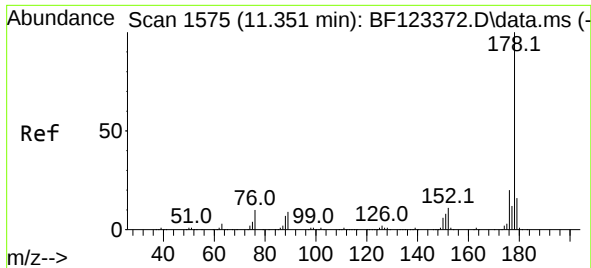


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38

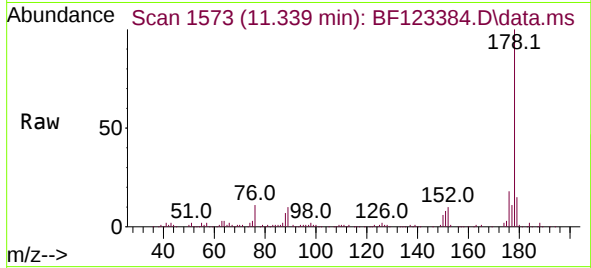


Tgt Ion:188 Resp: 617111
Ion Ratio Lower Upper
188 100
94 12.3 7.4 11.2#
80 12.5 8.2 12.4#

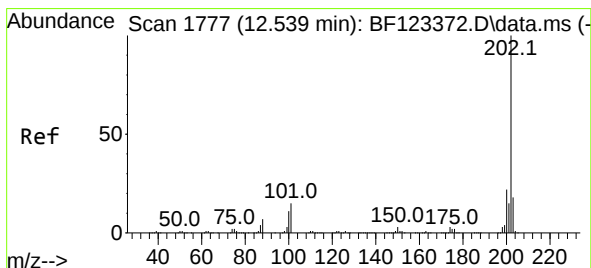
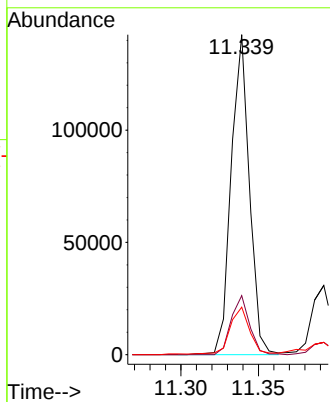
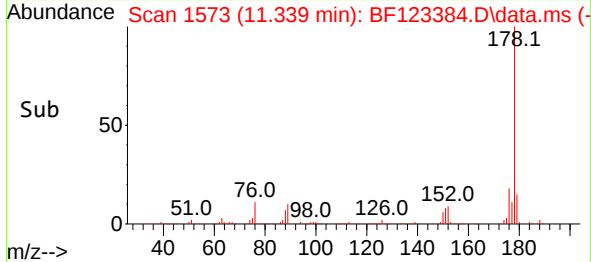




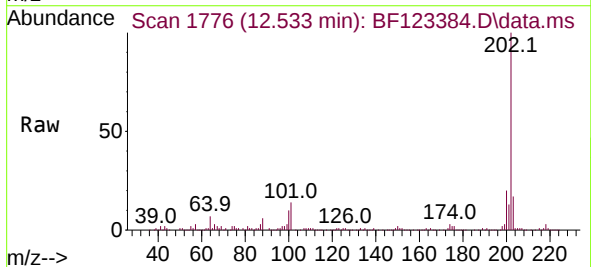
#71
Phenanthrene
Concen: 3.09 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38



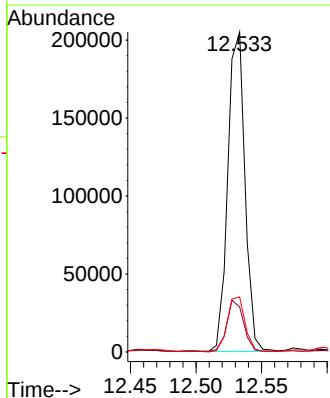
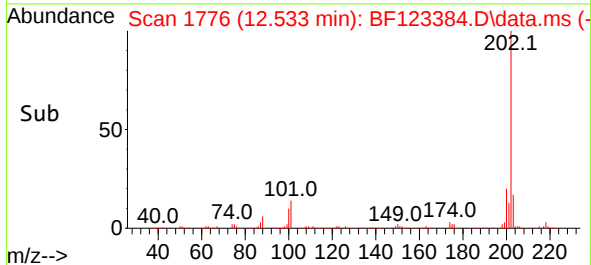
Tgt Ion:178 Resp: 116554
Ion Ratio Lower Upper
178 100
176 18.4 16.2 24.2
179 14.8 12.7 19.1



#75
Fluoranthene
Concen: 3.66 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38



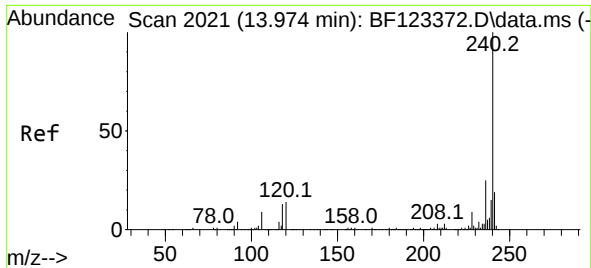
Tgt Ion:202 Resp: 186468
Ion Ratio Lower Upper
202 100
101 14.1 0.0 32.2
203 17.2 0.0 38.1



Instrument :
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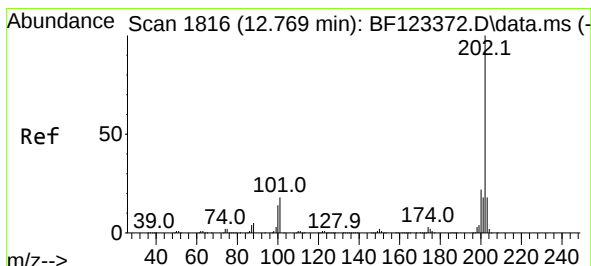
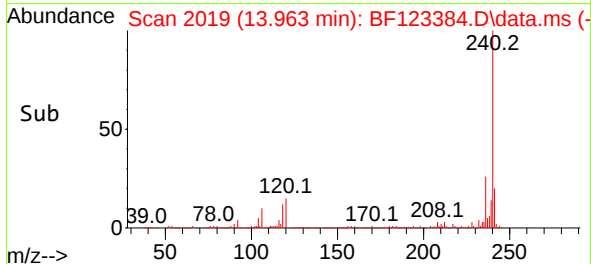
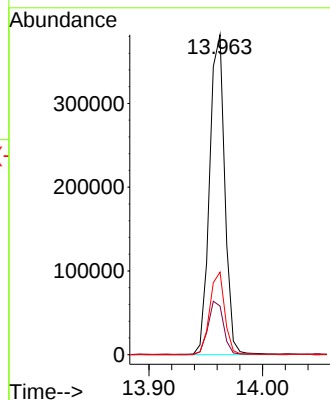
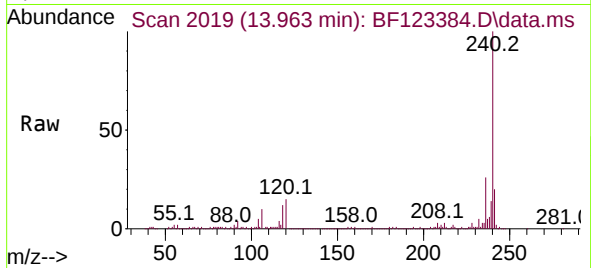
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38

Tgt Ion:240 Resp: 355157
Ion Ratio Lower Upper
240 100
120 15.2 8.6 12.8#
236 25.8 20.3 30.5

Instrument :
BNA_F
ClientSampleId :
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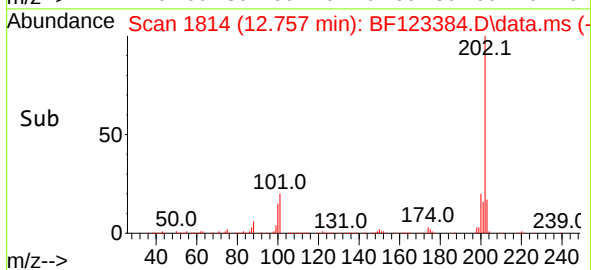
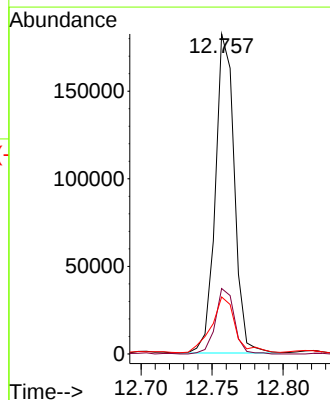
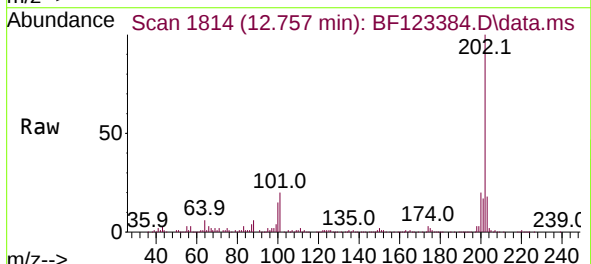
Manual Integrations
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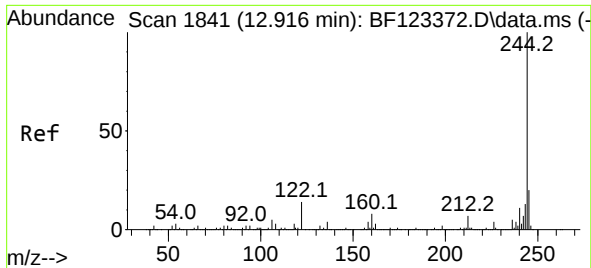
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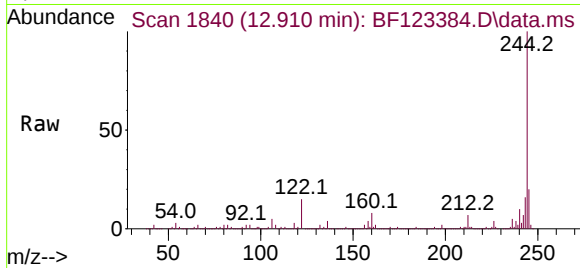
#78
Pyrene
Concen: 5.18 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38

Tgt Ion:202 Resp: 168733
Ion Ratio Lower Upper
202 100
200 20.4 17.6 26.4
203 17.8 14.6 21.8

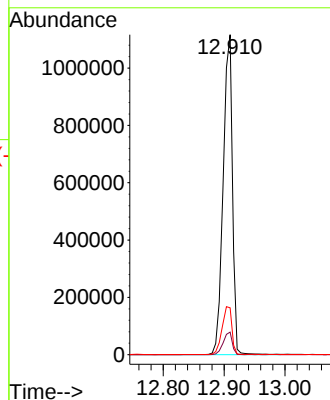
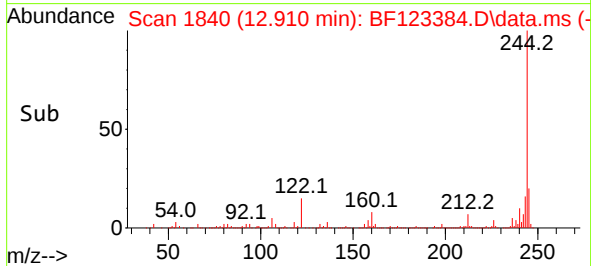




#79
 Terphenyl-d14
 Concen: 64.57 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF123384.D
 Acq: 18 Mar 2021 15:38



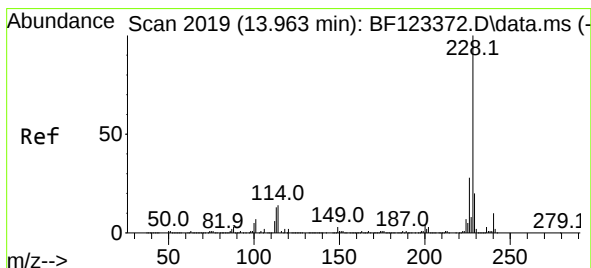
Tgt Ion:244 Resp: 1177762
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 14.7 8.3 12.5#



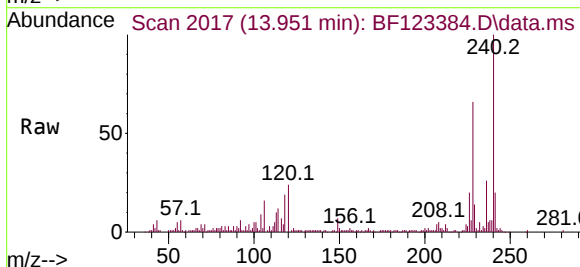
Instrument :
 BNA_F
 ClientSampleId :
 SP-MANHOLE

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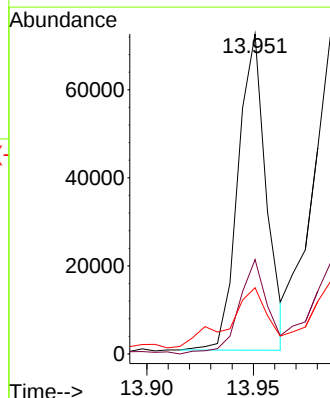
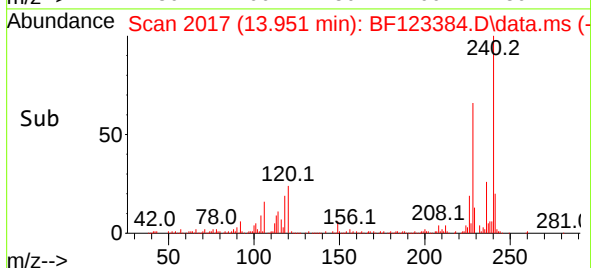
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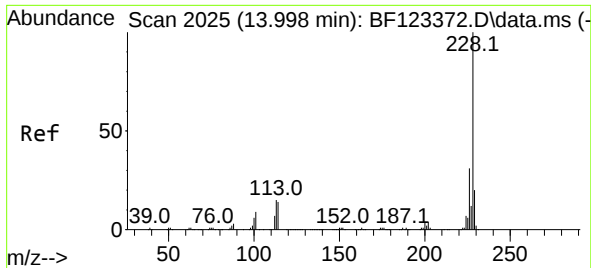


#81
 Benzo(a)anthracene
 Concen: 2.82 ng
 RT: 13.951 min Scan# 2017
 Delta R.T. -0.012 min
 Lab File: BF123384.D
 Acq: 18 Mar 2021 15:38



Tgt Ion:228 Resp: 65981
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.0 34.4
 229 20.7 16.6 24.8





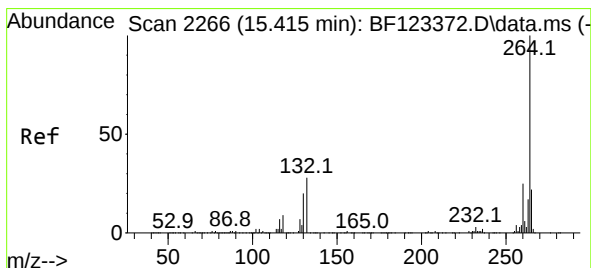
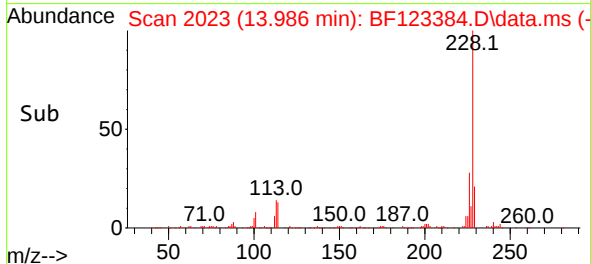
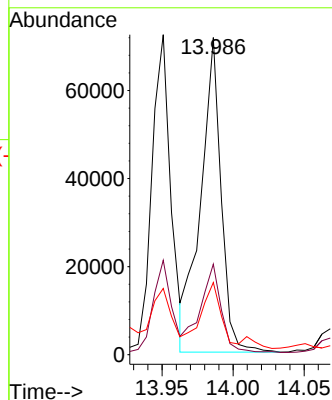
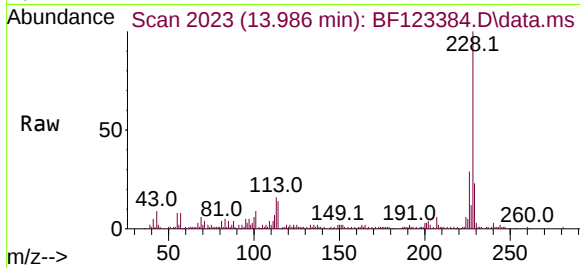
#83
Chrysene
Concen: 2.97 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38

Tgt Ion:228	Resp:	71890
Ion Ratio	Lower	Upper
228	100	
226	28.5	24.6 36.8
229	22.8	15.8 23.6

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLE

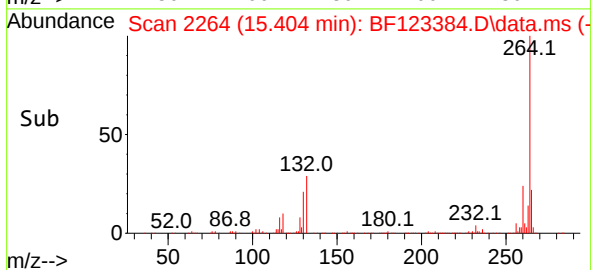
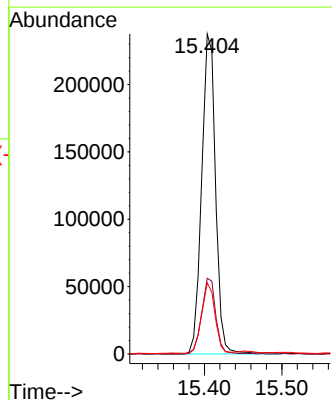
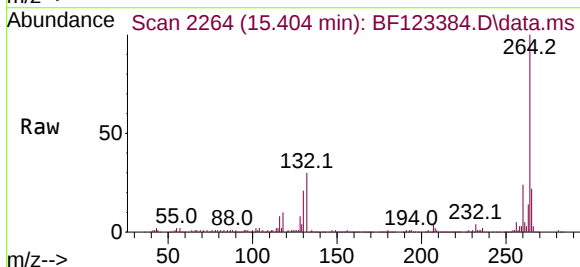
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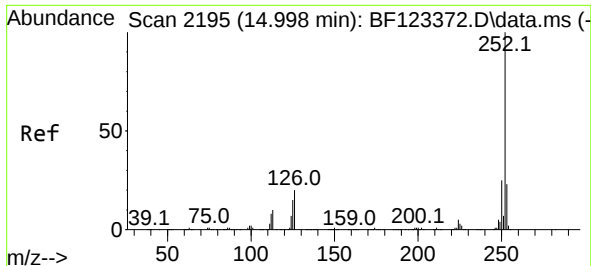
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.012 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38

Tgt Ion:264	Resp:	296074
Ion Ratio	Lower	Upper
264	100	
260	23.6	18.6 28.0
265	22.2	17.0 25.6





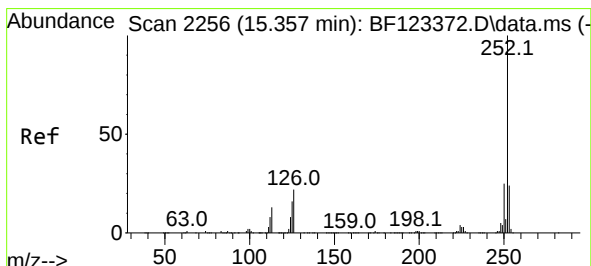
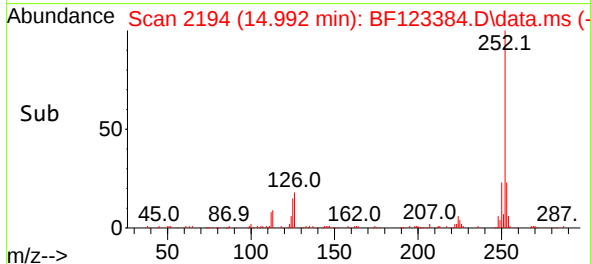
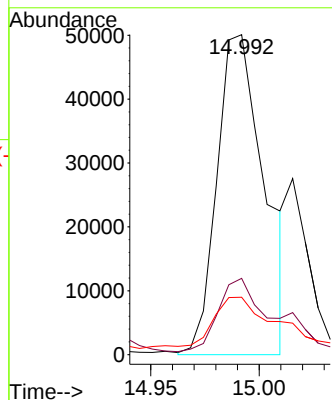
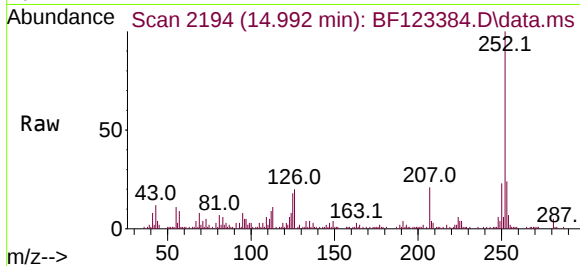
#88
Benzo(b)fluoranthene
Concen: 3.58 ng m
RT: 14.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38

Tgt Ion:252 Resp: 76069
Ion Ratio Lower Upper
252 100
253 23.9 18.3 27.5
125 17.9 8.1 12.1#

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLE

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#90
Benzo(a)pyrene
Concen: 2.57 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.012 min
Lab File: BF123384.D
Acq: 18 Mar 2021 15:38

Tgt Ion:252 Resp: 48192
Ion Ratio Lower Upper
252 100
253 24.8 17.5 26.3
125 18.0 8.6 12.8#

