

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113455.D
 Acq On : 30 Mar 2019 12:04
 Operator : JU/SJ
 Sample : K2153-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-10

Manual Integrations
 APPROVED

Sohil
 4/1/2019 5:46:49 PM

Quant Time: Apr 01 05:05:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115278	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	420798	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	193094	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	372032	20.00	ng	0.00
76) Chrysene-d12	13.84	240	381348	20.00	ng	0.00
87) Perylene-d12	15.25	264	278472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	740361	105.01	ng	0.00
7) Phenol-d6	6.36	99	1055134	118.30	ng	0.00
23) Nitrobenzene-d5	7.27	82	621828	87.71	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	200060	83.88	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1197920	100.44	ng	0.00
79) Terphenyl-d14	12.80	244	1337021	77.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.46	163	58359	4.078	ng	98
71) Phenanthrene	11.24	178	109826	5.945	ng	98
75) Fluoranthene	12.42	202	179404	8.590	ng	99
78) Pyrene	12.65	202	194832	7.373	ng	98
81) Benzo(a)anthracene	13.83	228	84267	3.860	ng	98
83) Chrysene	13.87	228	75233	3.393	ng	99
88) Benzo(b)fluoranthene	14.85	252	68921m	3.984	ng	
90) Benzo(a)pyrene	15.19	252	51962	3.388	ng	# 95
92) Benzo(g,h,i)perylene	17.02	276	28458	2.128	ng	# 90

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

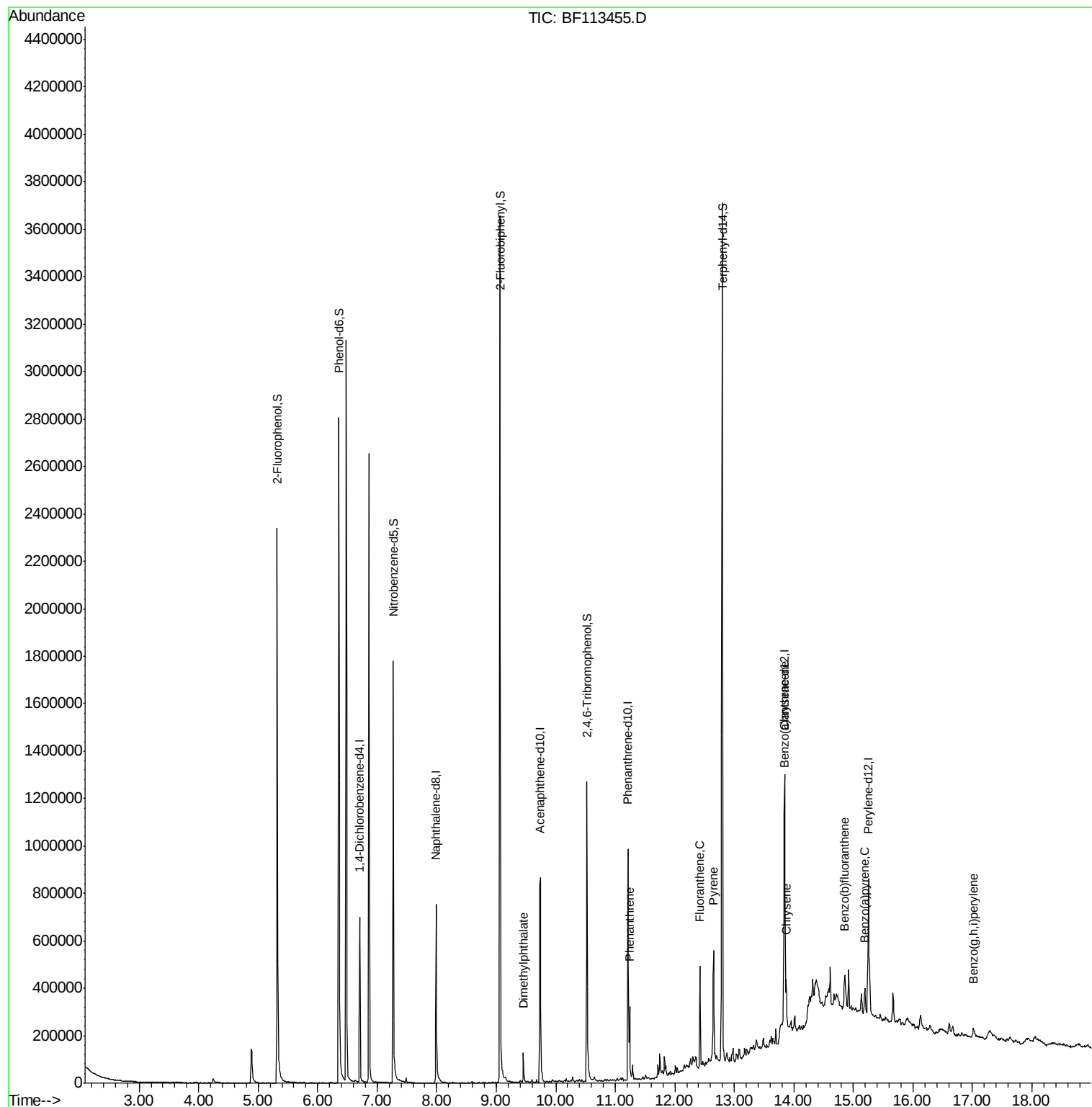
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
Data File : BF113455.D
Acq On : 30 Mar 2019 12:04
Operator : JU/SJ
Sample : K2153-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

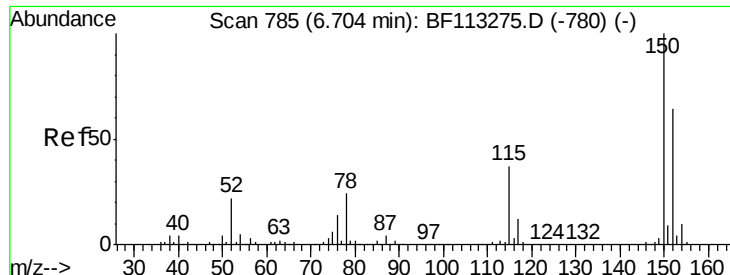
Instrument :
BNA_F
ClientSampleId :
CONC-10

Manual Integrations
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Quant Time: Apr 01 05:05:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

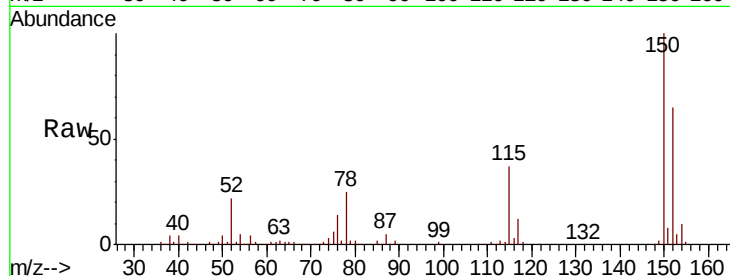
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113455.D
Acq: 30 Mar 2019 12:04

Instrument :
BNA_F
ClientSampleId :
CONC-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.7	187.1
115	56.9	46.0	69.0

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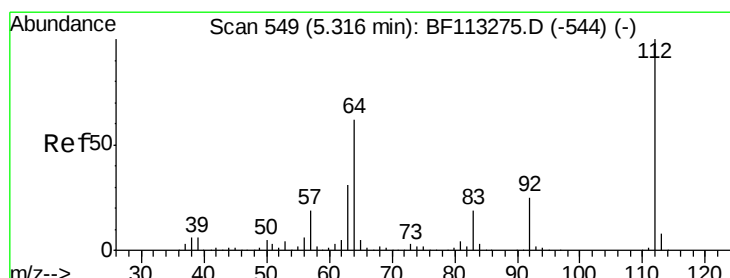
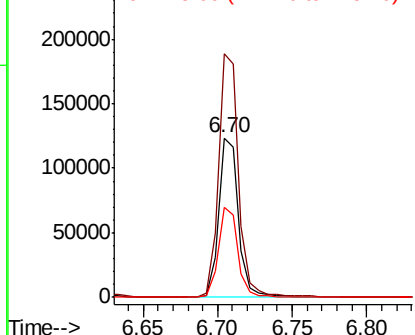
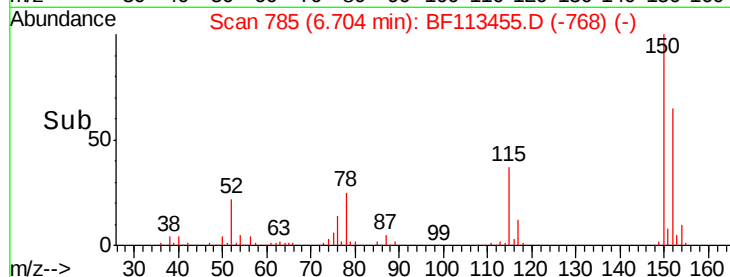


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

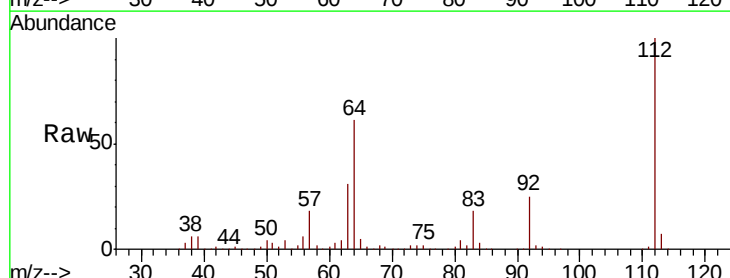
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.014 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113455.D
Acq: 30 Mar 2019 12:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	49.2	73.8
63	30.7	24.9	37.3

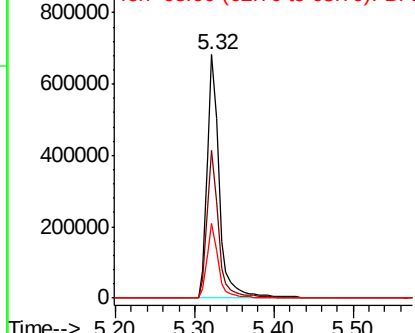
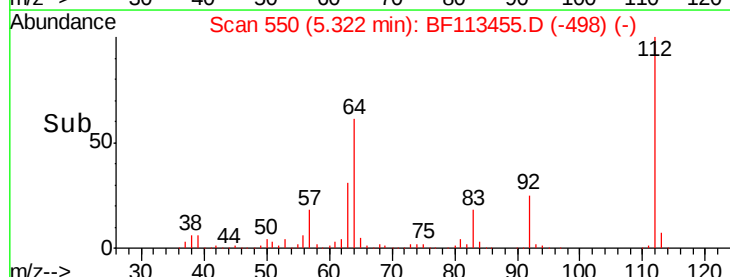


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.305 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113455.D

Acq: 30 Mar 2019 12:04

Instrument :

BNA_F

ClientSampled :

CONC-10

Tot Ion: 99 Resp: 1055134

Ion Ratio Lower Upper

99 100

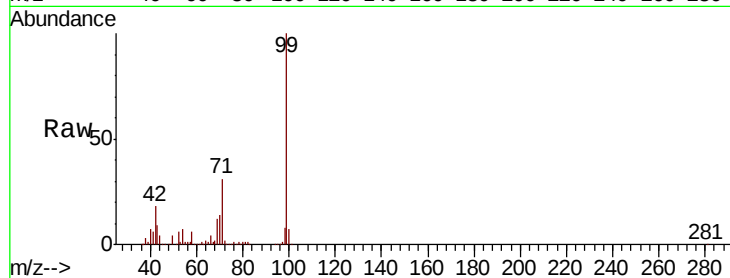
42 17.8 14.8 22.2

71 31.0 24.9 37.3

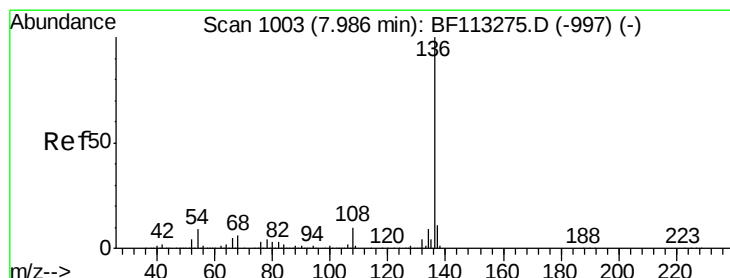
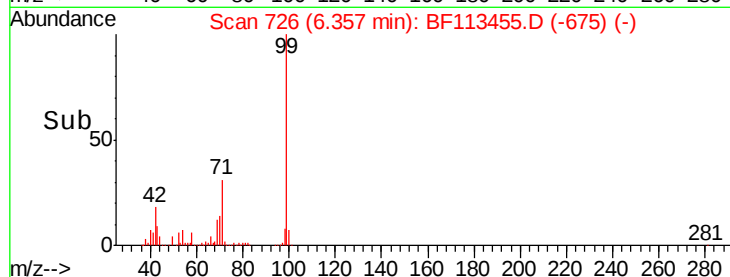
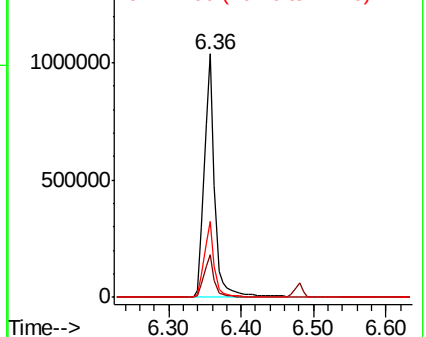
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113455.D

Acq: 30 Mar 2019 12:04

Tgt Ion: 136 Resp: 420798

Ion Ratio Lower Upper

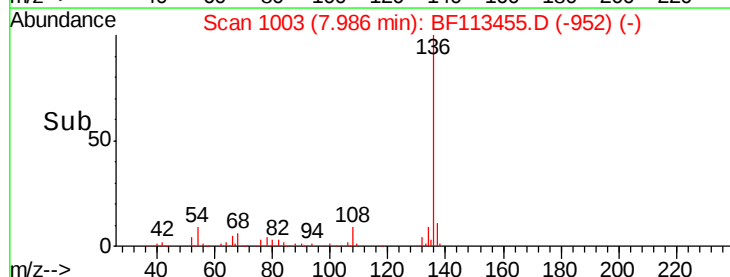
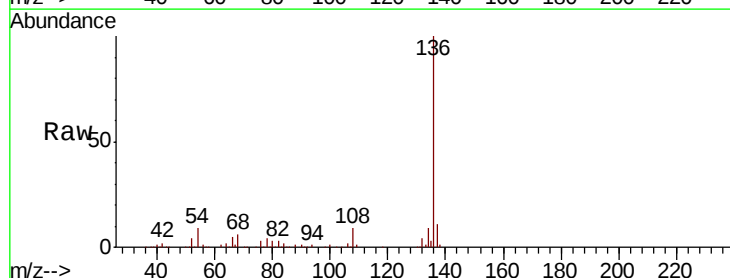
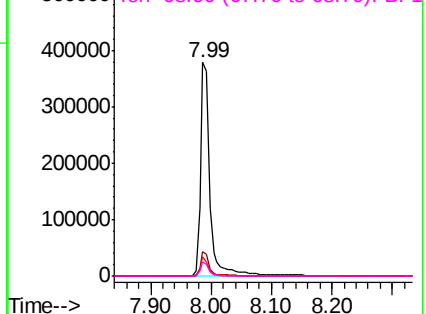
136 100

137 11.4 8.9 13.3

54 8.8 7.0 10.6

68 6.3 4.8 7.2

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





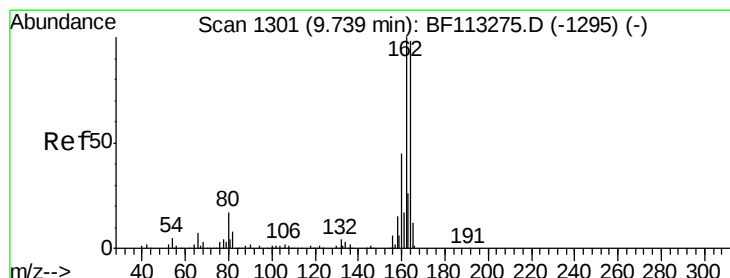
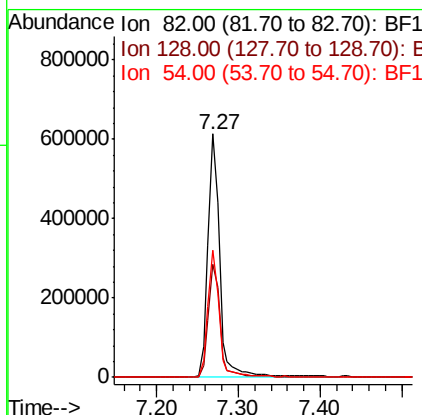
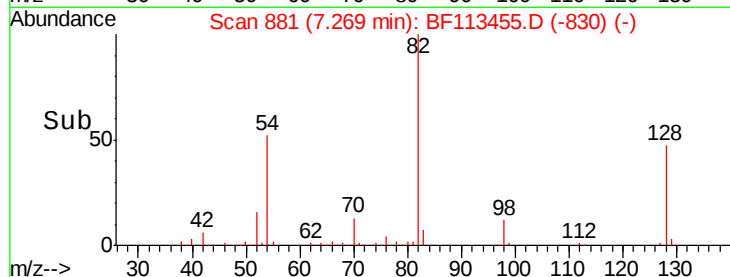
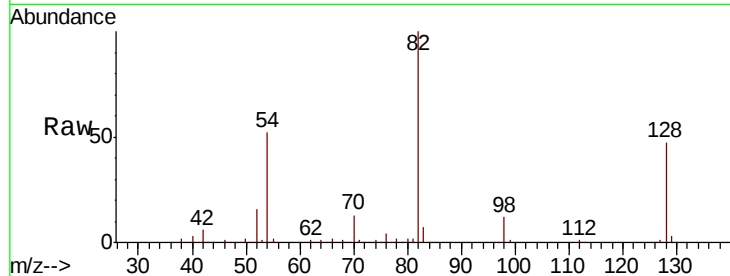
#23
 Nitrobenzene-d5
 Concen: 87.710 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113455.D
 Acq: 30 Mar 2019 12:04

Instrument :
 BNA_F
 ClientSampled :
 CONC-10

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	52.1	42.2	63.2

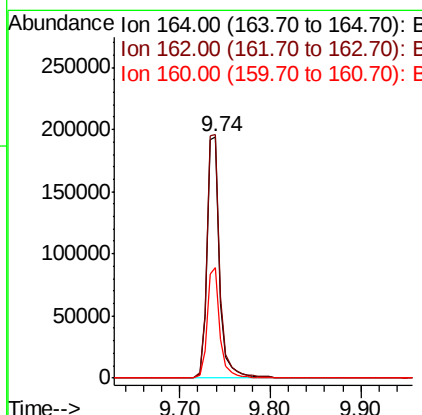
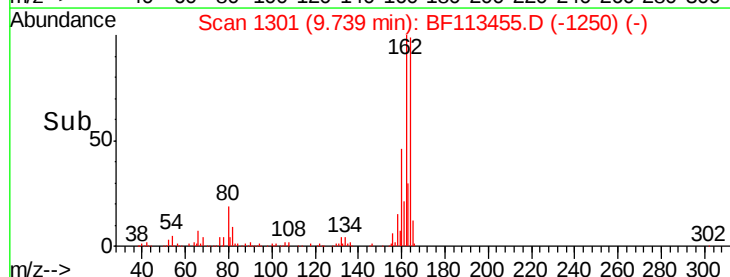
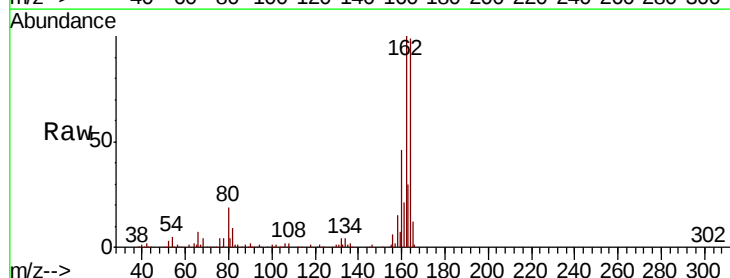
Manual Integrations
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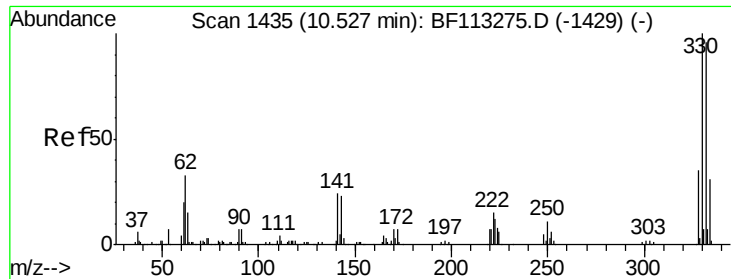
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF113455.D
 Acq: 30 Mar 2019 12:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	46.0	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 83.877 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113455.D

Acq: 30 Mar 2019 12:04

Instrument :

BNA_F

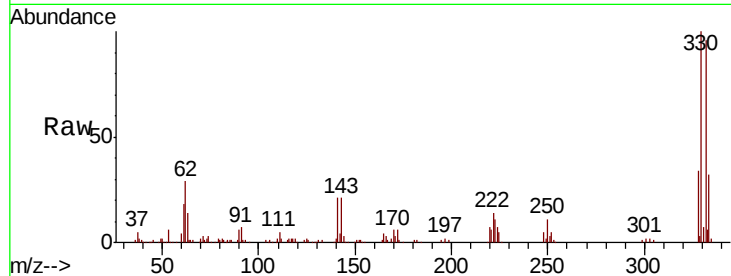
ClientSampled :

CONC-10

Tot Ion:	330	Resp:	200060
Ion Ratio	Lower	Upper	
330	100		
332	93.9	77.8	116.6
141	27.2	22.7	34.1

Manual Integrations
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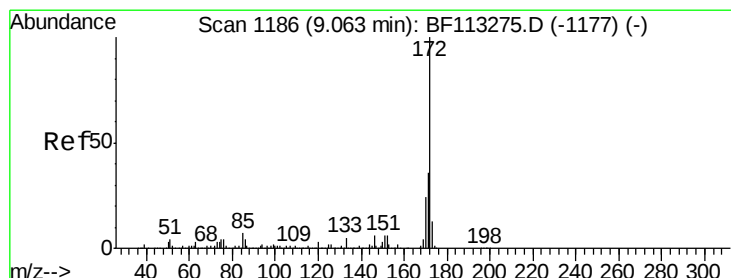
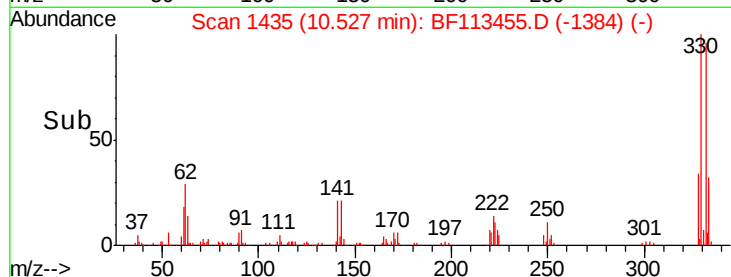
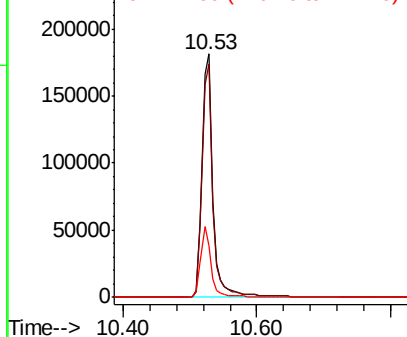


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 100.440 ng

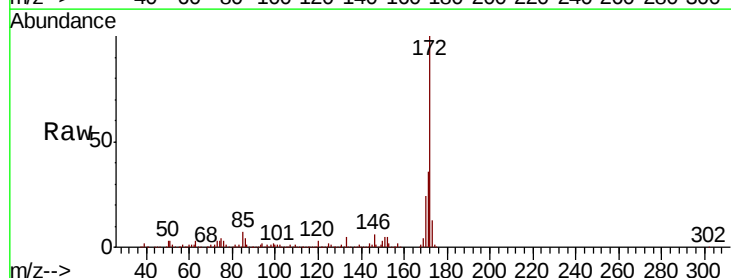
RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113455.D

Acq: 30 Mar 2019 12:04

Tgt Ion:	172	Resp:	1197920
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.0	43.6
170	23.8	19.5	29.3

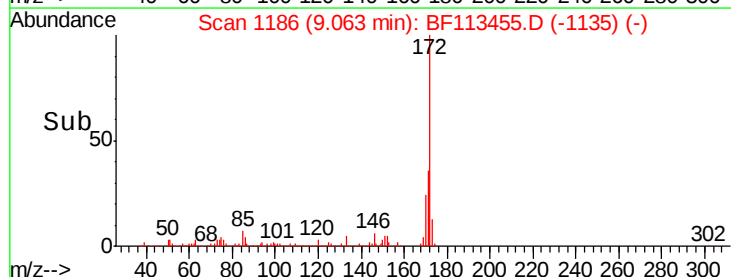
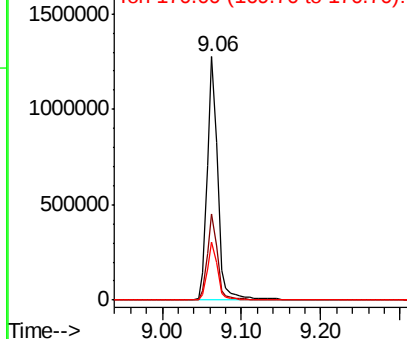


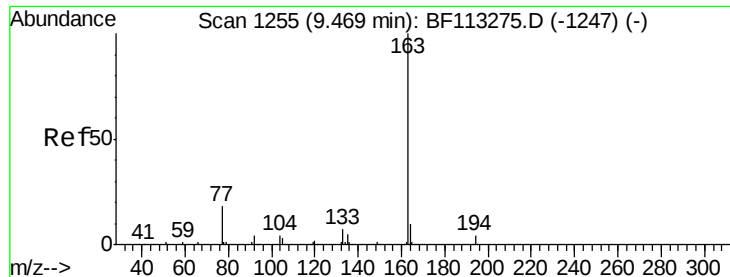
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





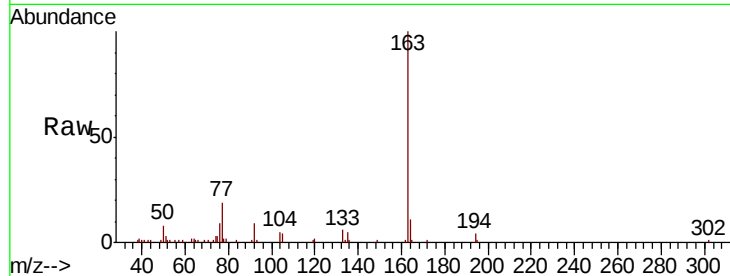
#50
Dimethylphthalate
Concen: 4.078 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF113455.D
Acq: 30 Mar 2019 12:04

Instrument :
BNA_F
ClientSampleId :
CONC-10

Tot Ion:	163	Resp:	58359
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.6
164	10.8	8.1	12.1

Manual Integrations
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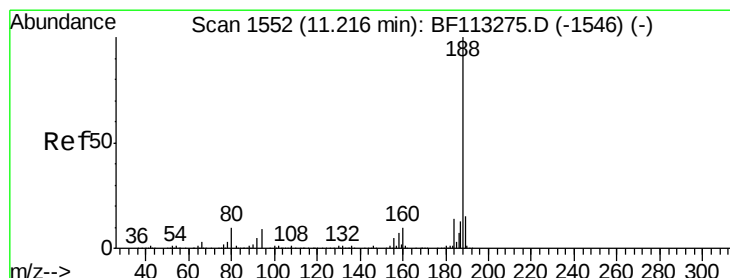
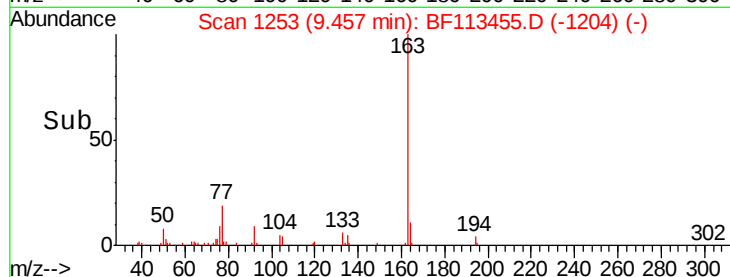
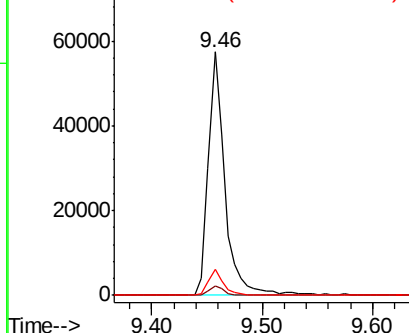


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113455.D
Acq: 30 Mar 2019 12:04

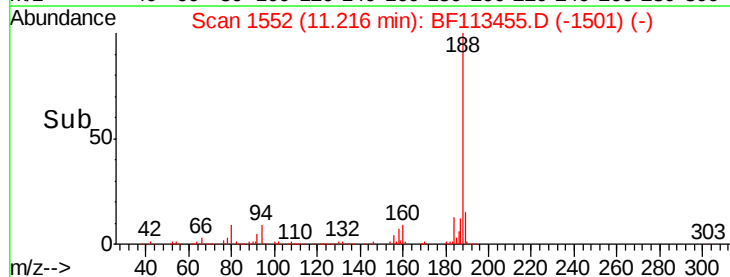
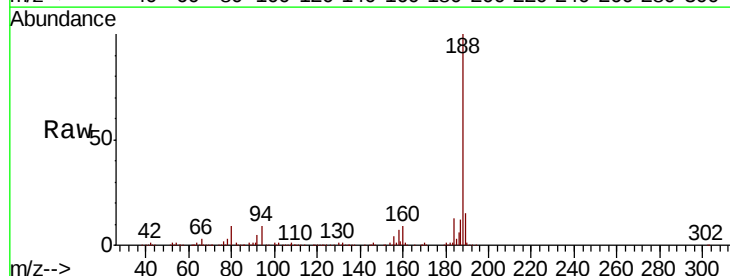
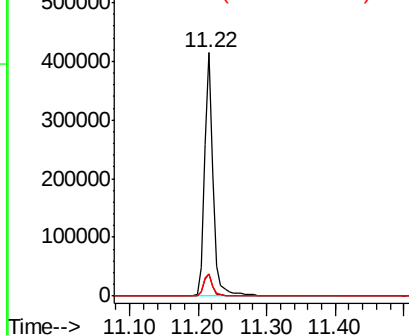
Tgt Ion:	188	Resp:	372032
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.0	10.6
80	9.2	7.7	11.5

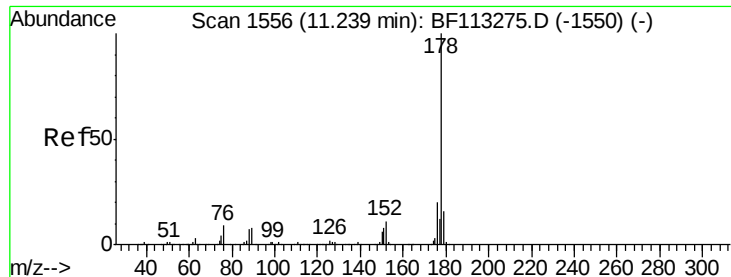
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





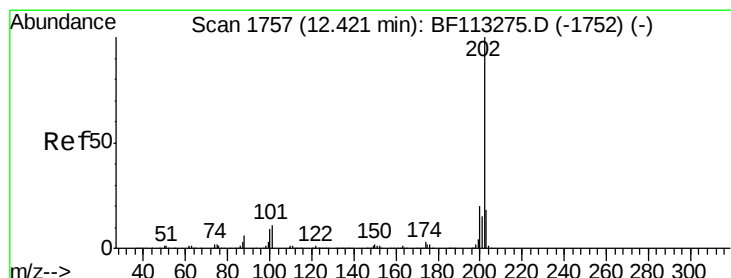
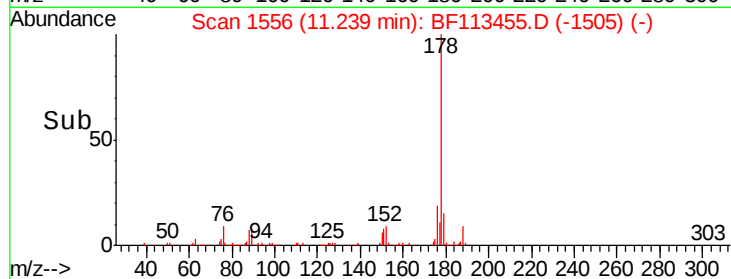
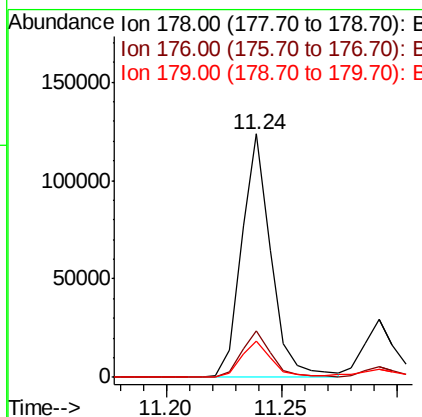
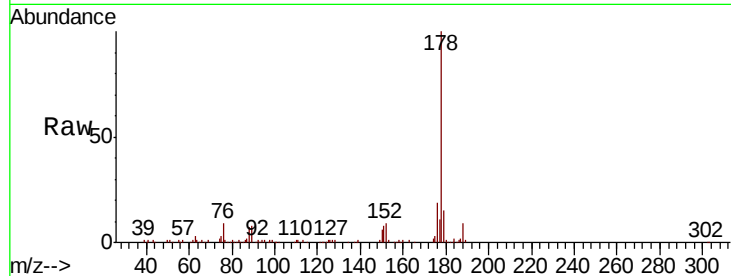
#71
Phenanthrene
Concen: 5.945 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF113455.D
Acq: 30 Mar 2019 12:04

Instrument :
BNA_F
ClientSampleId :
CONC-10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
176	19.1	16.2	24.2		
179	14.9	12.7	19.1		

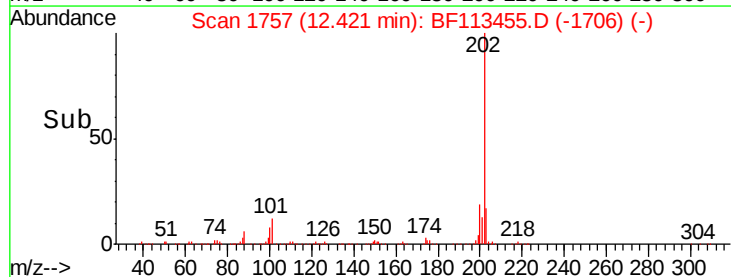
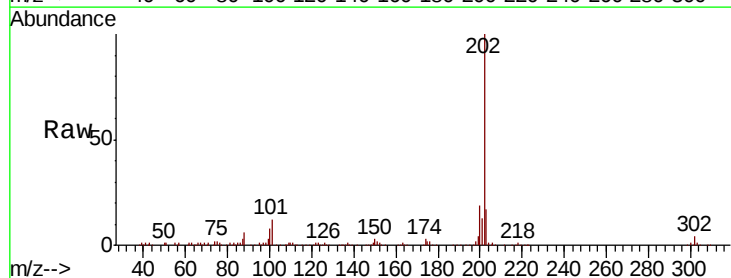
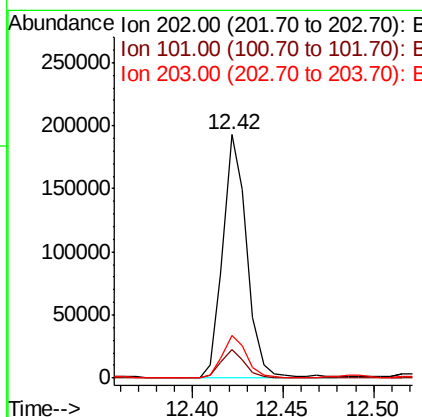
Manual Integrations
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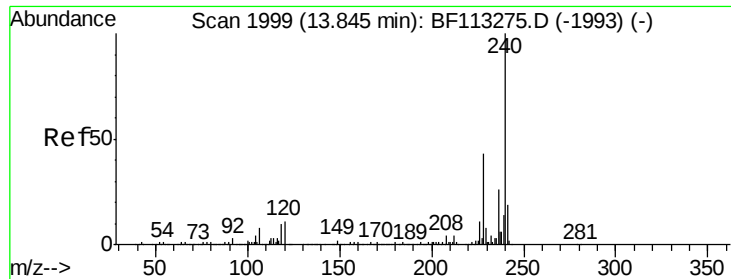
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#75
Fluoranthene
Concen: 8.590 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF113455.D
Acq: 30 Mar 2019 12:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.9	0.0	31.4		
203	17.3	0.0	38.0		





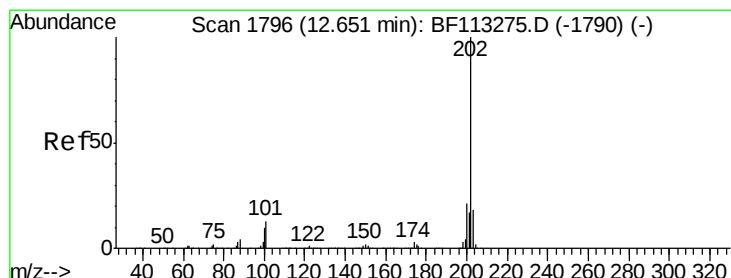
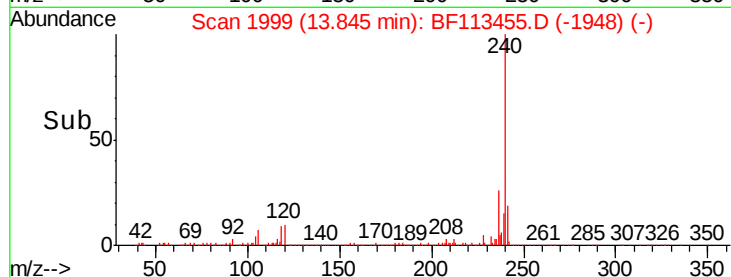
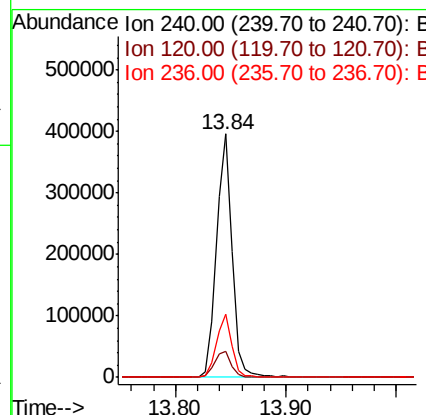
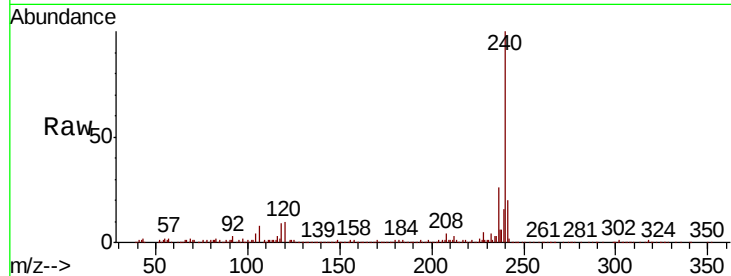
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113455.D
Acq: 30 Mar 2019 12:04

Instrument :
BNA_F
ClientSampled :
CONC-10

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.8	13.2
236	25.8	20.9	31.3

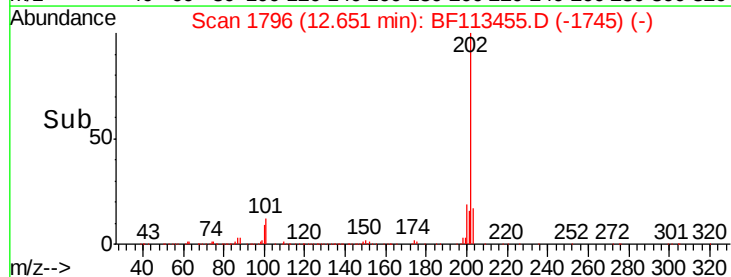
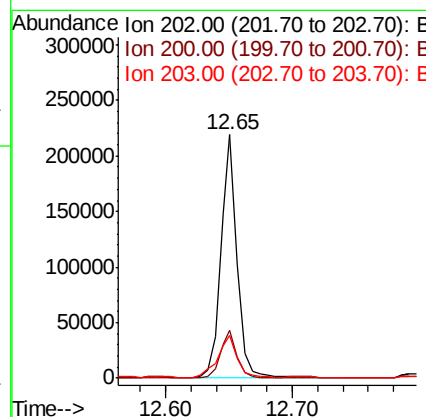
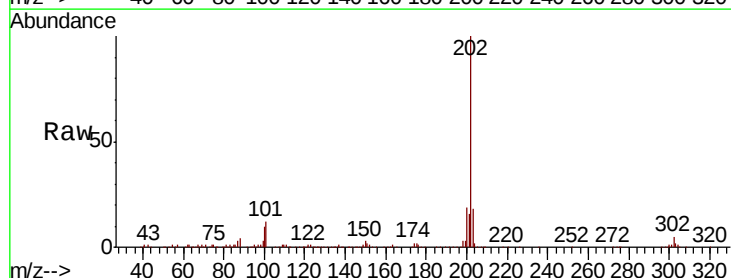
Manual Integrations
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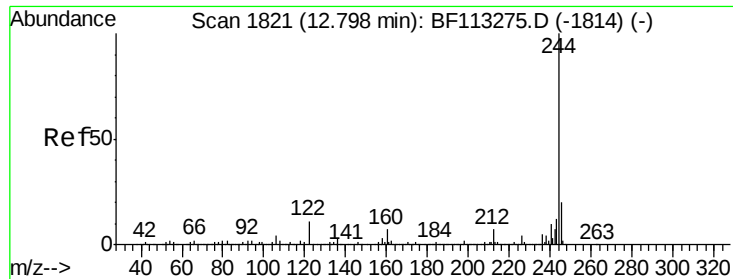
Sohil
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#78
Pyrene
Concen: 7.373 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF113455.D
Acq: 30 Mar 2019 12:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.8	25.2
203	17.5	14.4	21.6





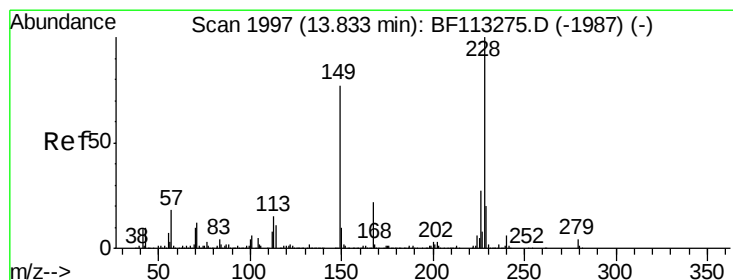
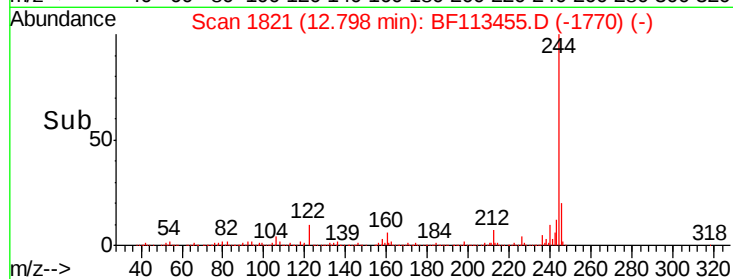
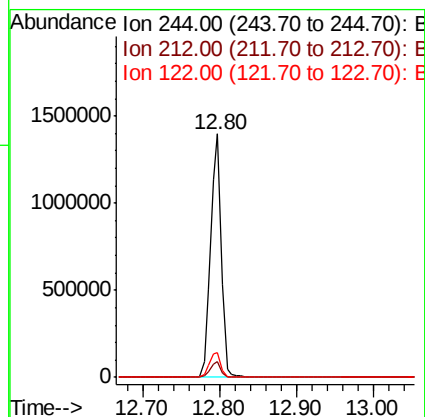
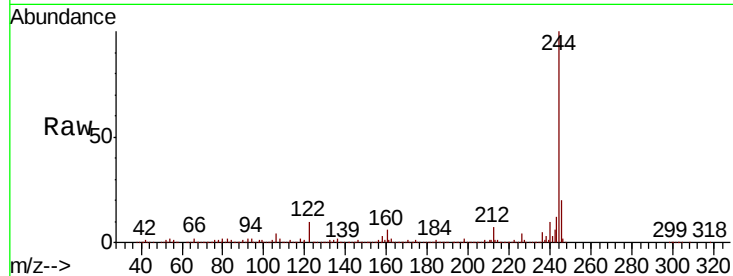
#79
 Terphenyl-d14
 Concen: 77.279 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF113455.D
 Acq: 30 Mar 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 CONC-10

Tot Ion:244 Resp: 1337021
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 10.3 8.6 13.0

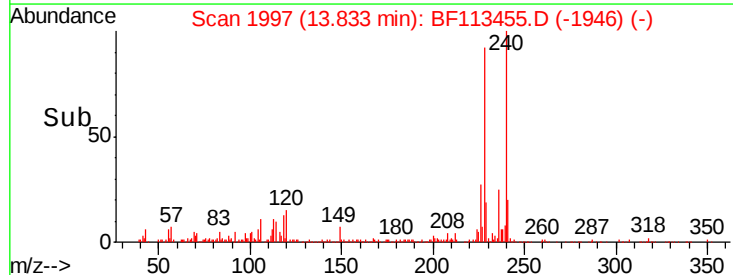
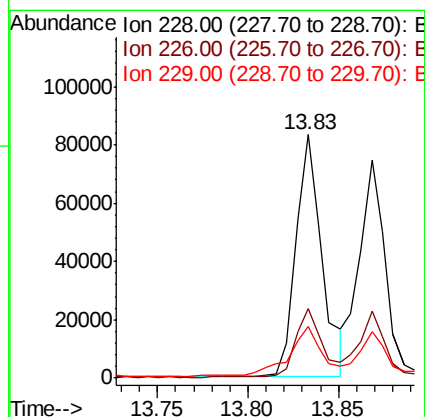
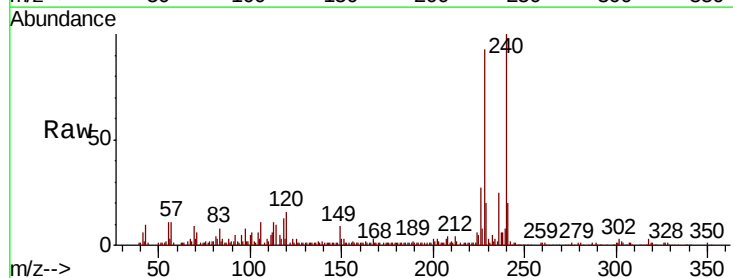
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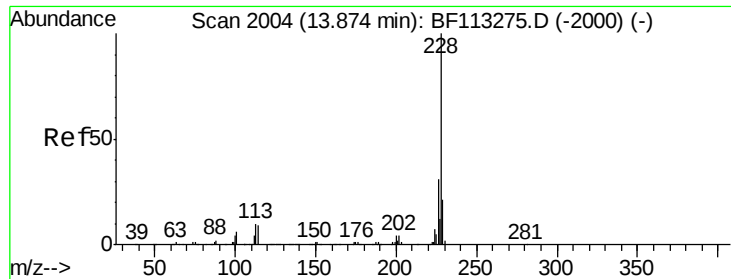
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#81
 Benzo(a)anthracene
 Concen: 3.860 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF113455.D
 Acq: 30 Mar 2019 12:04

Tgt Ion:228 Resp: 84267
 Ion Ratio Lower Upper
 228 100
 226 28.6 21.8 32.8
 229 21.1 16.2 24.4





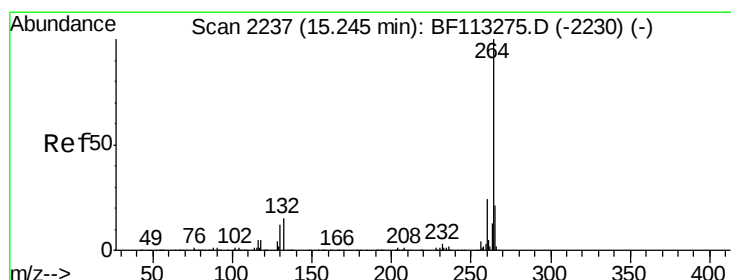
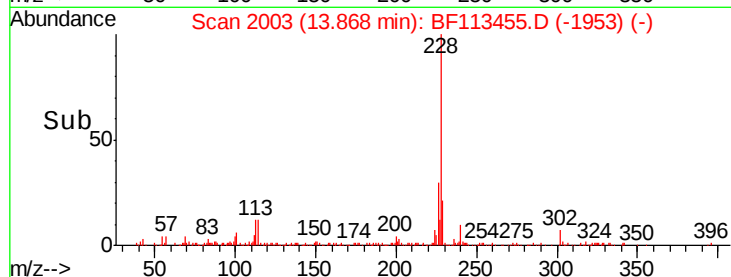
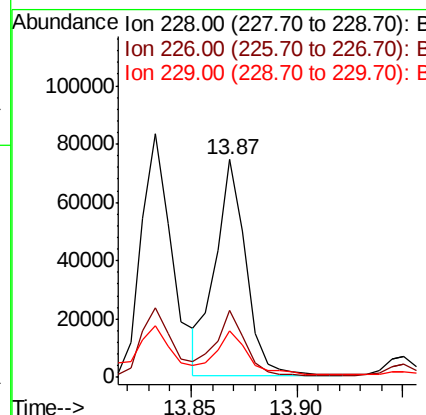
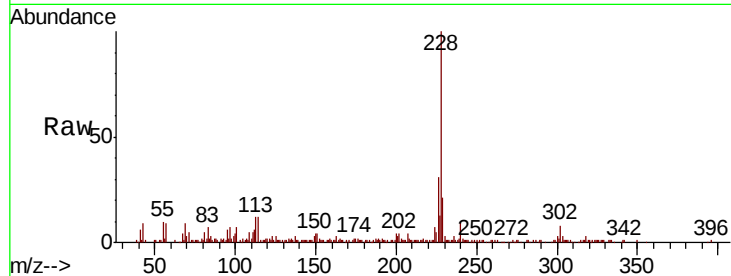
#83
Chrysene
Concen: 3.393 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113455.D
Acq: 30 Mar 2019 12:04

Instrument :
BNA_F
ClientSampled :
CONC-10

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	21.3	16.3	24.5

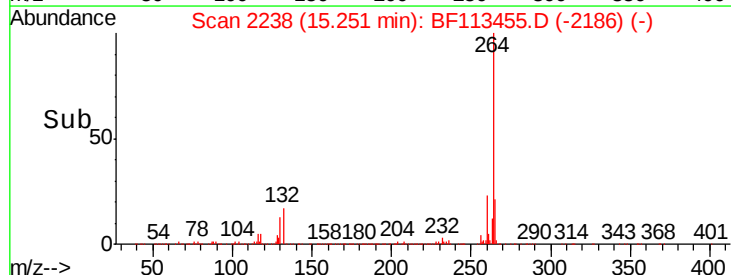
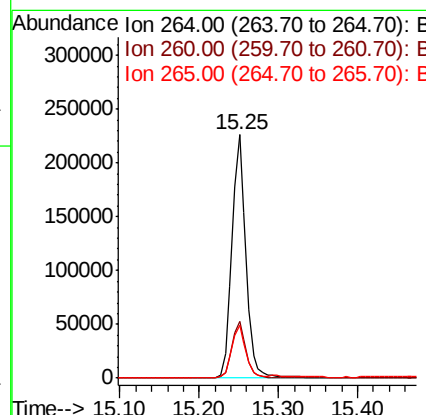
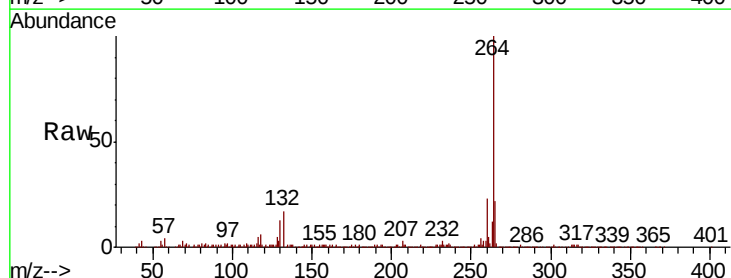
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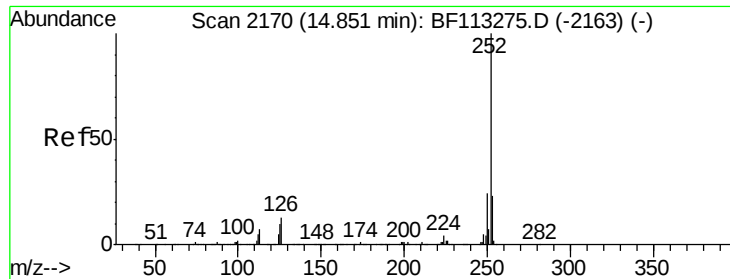
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF113455.D
Acq: 30 Mar 2019 12:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.6	17.1	25.7





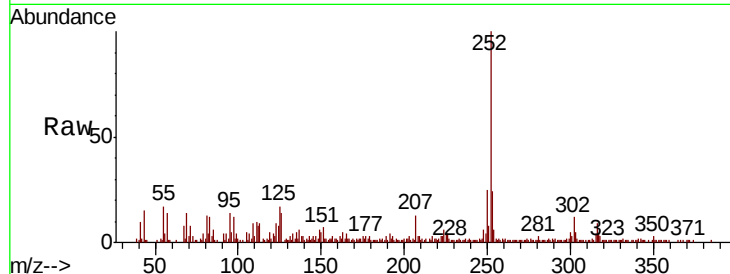
#88
Benzo(b)fluoranthene
Concen: 3.984 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113455.D
Acq: 30 Mar 2019 12:04

Instrument :
BNA_F
ClientSampleId :
CONC-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	16.9	7.6	11.4

Manual Integrations
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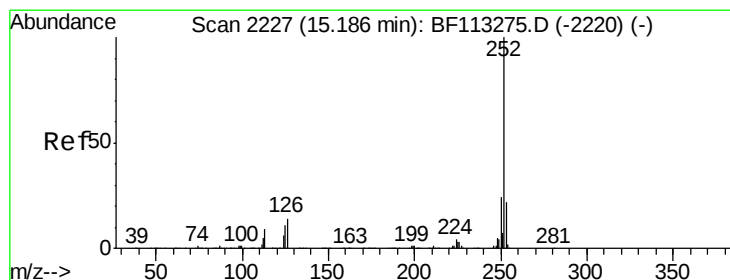
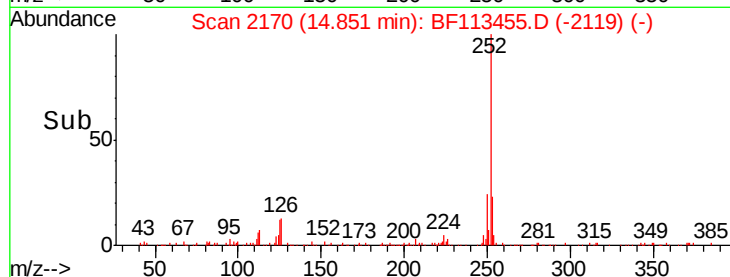
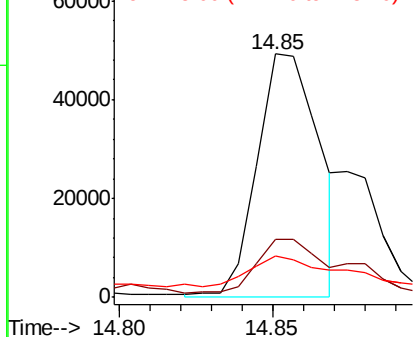


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 3.388 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113455.D
Acq: 30 Mar 2019 12:04

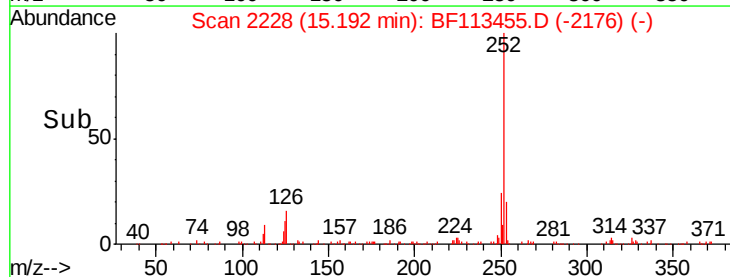
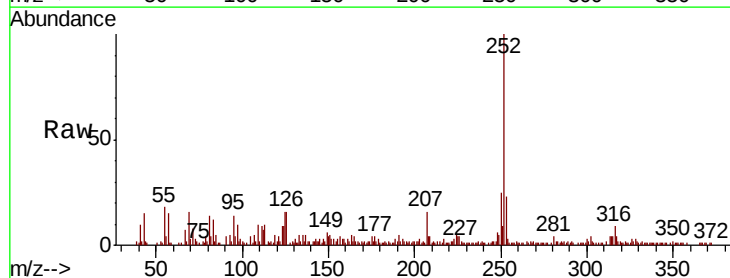
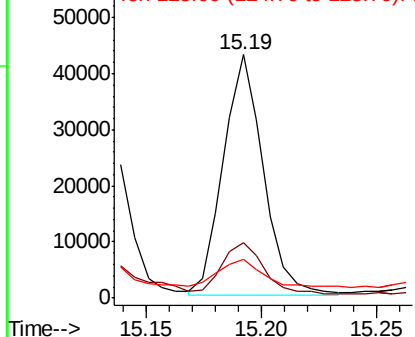
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	15.8	8.8	13.2

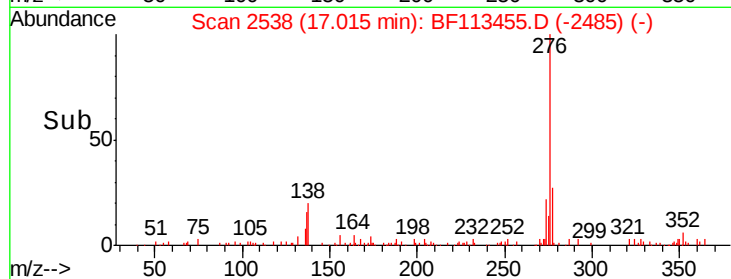
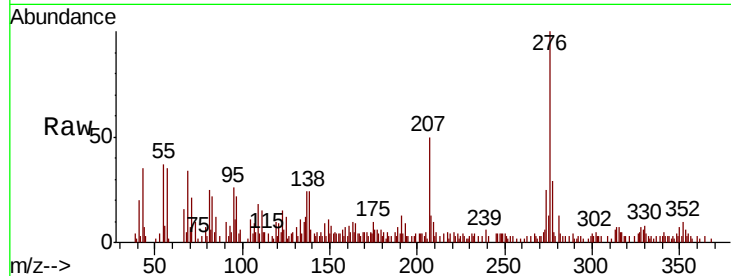
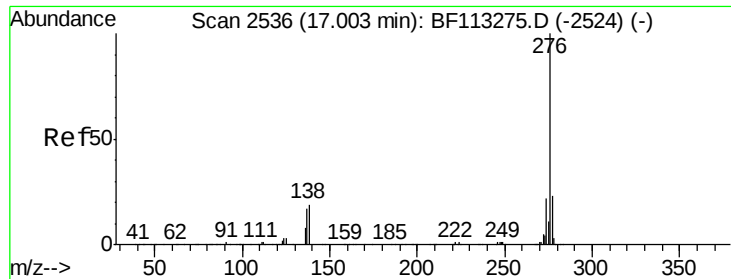
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92
Benzo(a,h,i)perylene
Concen: 2.128 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF113455.D
Acq: 30 Mar 2019 12:04

Instrument :
BNA_F
ClientSampleId :
CONC-10

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.6	18.8	28.2#
138	24.2	15.6	23.4#

Manual Integrations
APPROVED

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