

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113553.D
 Acq On : 3 Apr 2019 19:47
 Operator : JU/SJ
 Sample : K2213-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S9C(2-10)COMP

Manual Integrations
 APPROVED

Sohil
 4/4/2019 10:57:47 AM

Quant Time: Apr 04 05:28:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	137887	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	472609	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	199039	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	354707	20.00	ng	0.00
76) Chrysene-d12	13.84	240	330557	20.00	ng	0.00
87) Perylene-d12	15.25	264	288629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1014946	125.52	ng	0.00
7) Phenol-d6	6.34	99	1293390	129.78	ng	0.00
23) Nitrobenzene-d5	7.25	82	775282	96.09	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	307202	128.49	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1348265	109.05	ng	0.00
79) Terphenyl-d14	12.79	244	1293966	79.70	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.44	163	93466	6.370	ng	99
75) Fluoranthene	12.42	202	142777	7.559	ng	98
78) Pyrene	12.64	202	159178	6.329	ng	98
81) Benzo(a)anthracene	13.83	228	80028	4.197	ng	100
83) Chrysene	13.86	228	89381	4.624	ng	99
88) Benzo(b)fluoranthene	14.85	252	113635m	6.432	ng	
89) Benzo(k)fluoranthene	14.87	252	34223m	2.158	ng	
90) Benzo(a)pyrene	15.19	252	42936	2.735	ng	# 93

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

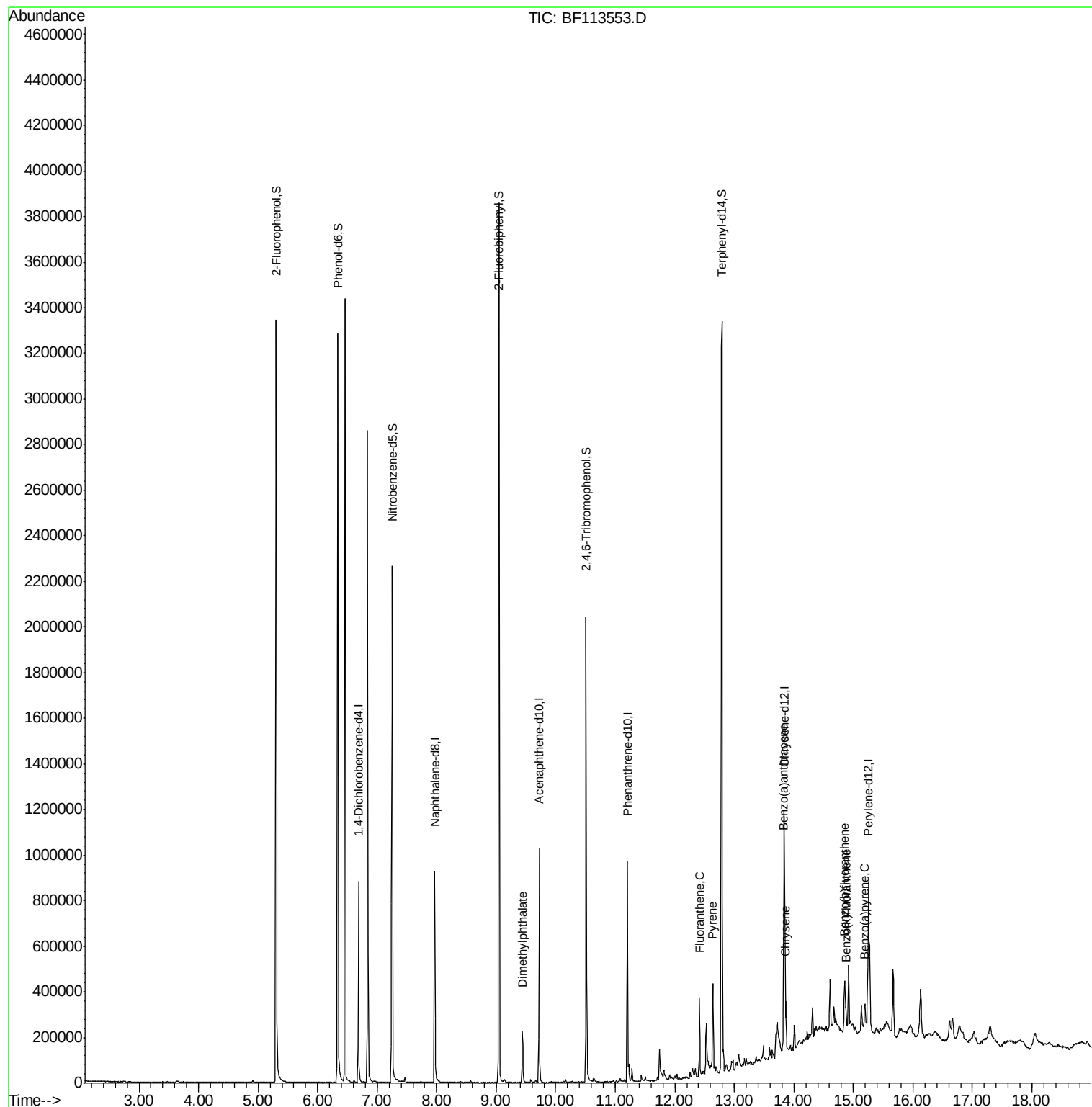
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113553.D
Acq On : 3 Apr 2019 19:47
Operator : JU/SJ
Sample : K2213-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

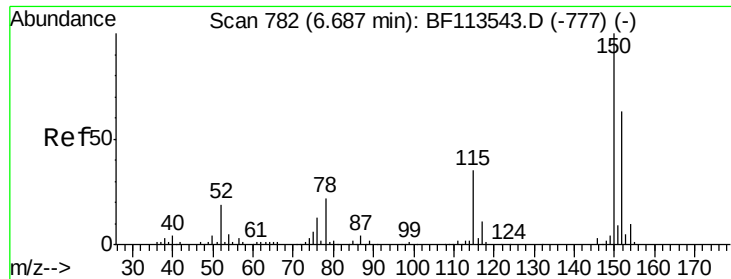
Instrument :
BNA_F
ClientSampleId :
S9C(2-10)COMP

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Quant Time: Apr 04 05:28:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

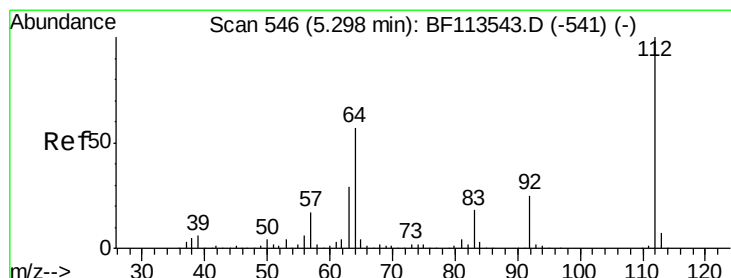
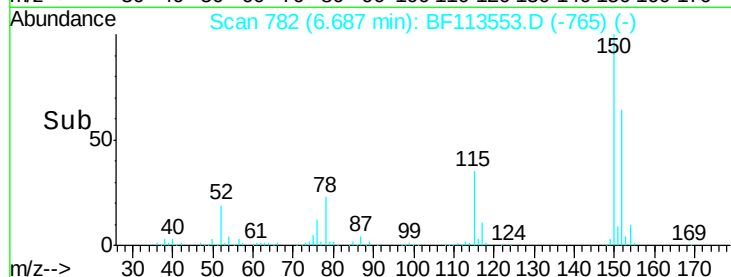
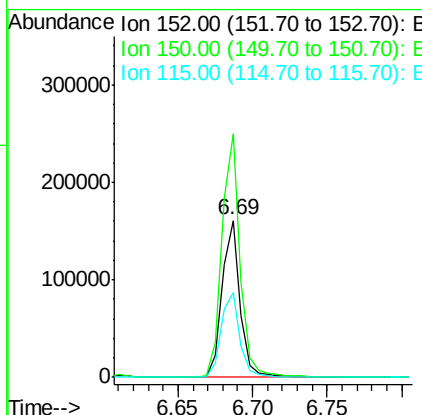
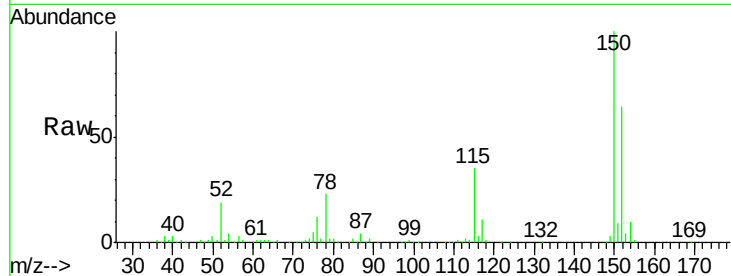
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :
S9C(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.7	187.1
115	54.1	46.0	69.0

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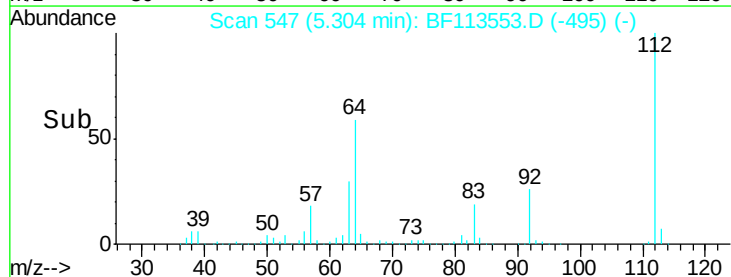
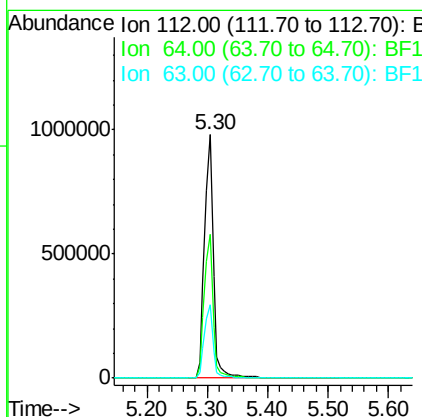
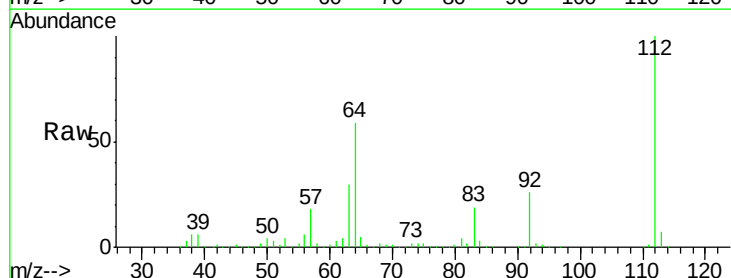
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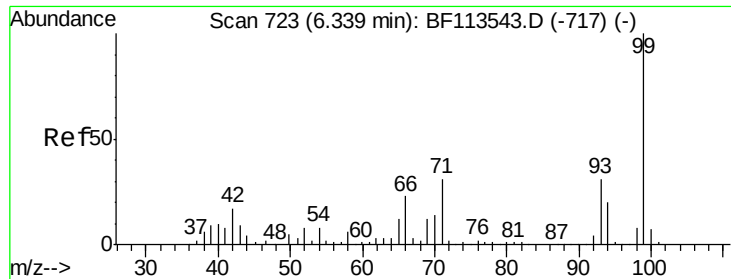


#5

2-Fluorophenol
Concen: 125.517 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	49.2	73.8
63	30.3	24.9	37.3





#7

Phenol-d6

Concen: 129.778 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113553.D

Acq: 3 Apr 2019 19:47

Instrument :

BNA_F

ClientSampleId :

S9C(2-10)COMP

Tgt Ion: 99 Resp: 1293390

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

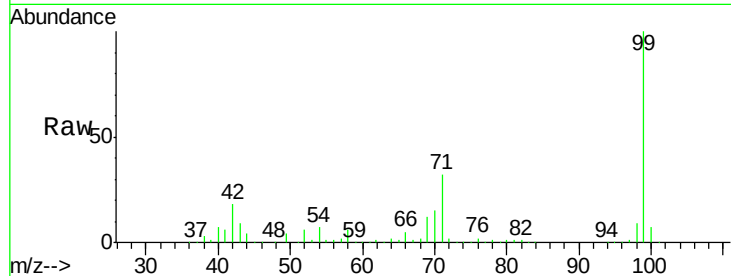
71 31.5 24.9 37.3

Manual Integrations

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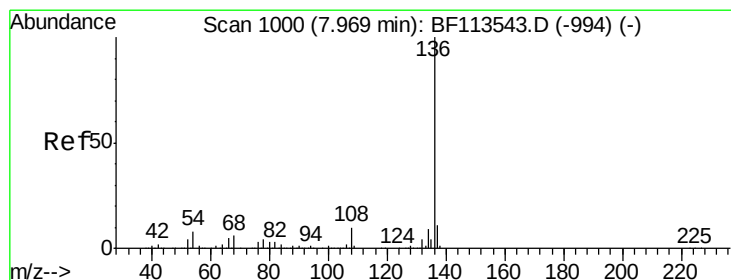
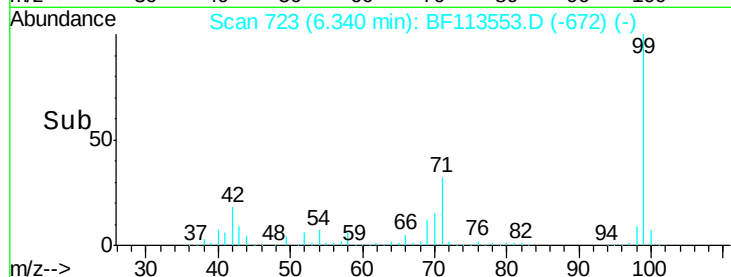
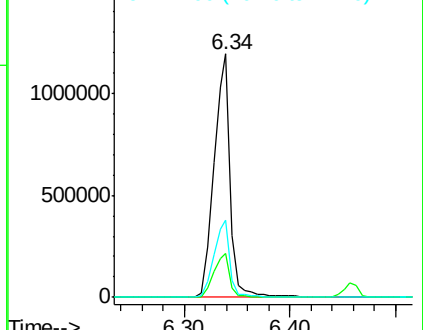
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113553.D

Acq: 3 Apr 2019 19:47

Tgt Ion: 136 Resp: 472609

Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.9 7.0 10.6#

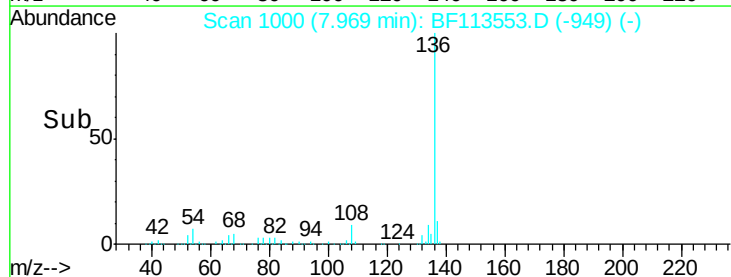
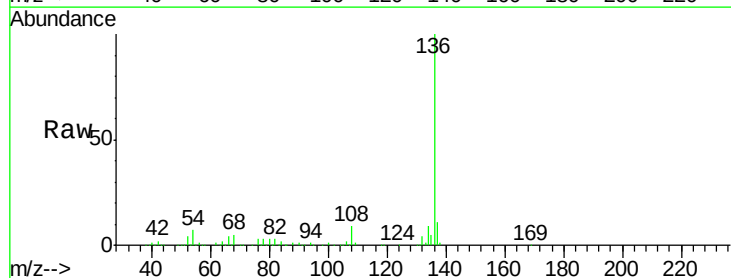
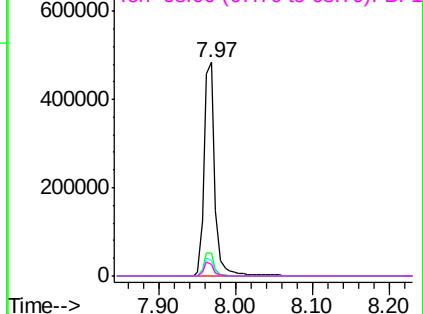
68 5.2 4.8 7.2

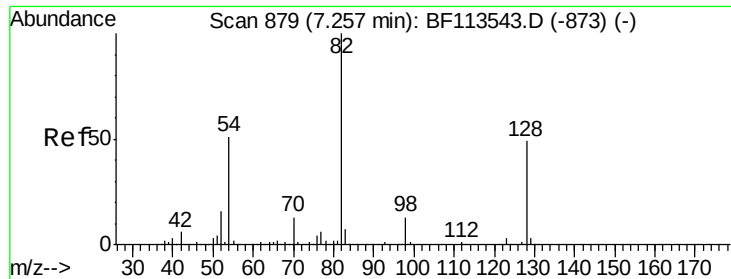
Abundance Ion 136.00 (135.70 to 136.70): E

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





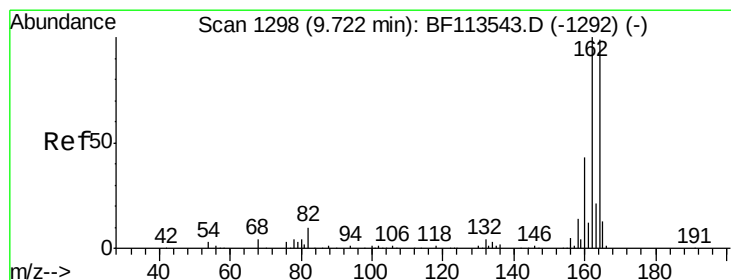
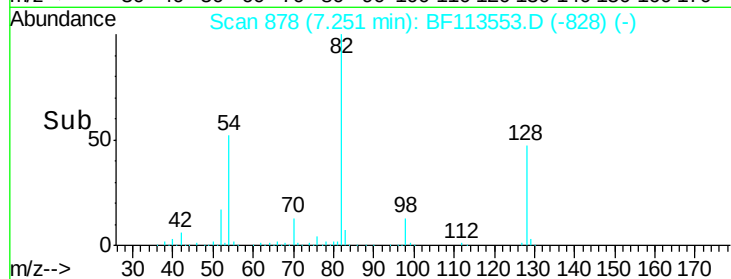
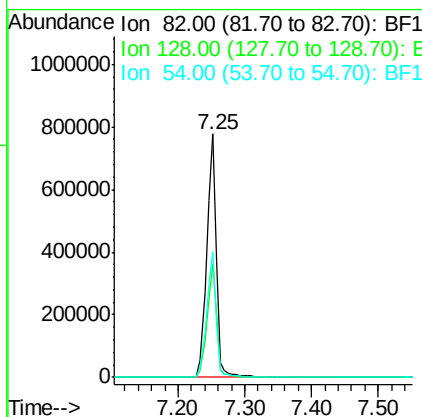
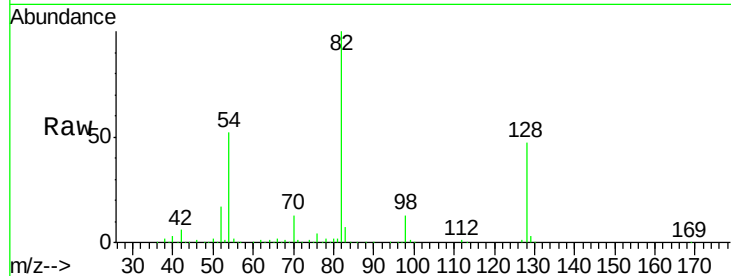
#23
 Nitrobenzene-d5
 Concen: 96.089 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113553.D
 Acq: 3 Apr 2019 19:47

Instrument :
 BNA_F
 ClientSampleId :
 S9C(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	51.6	42.2	63.2

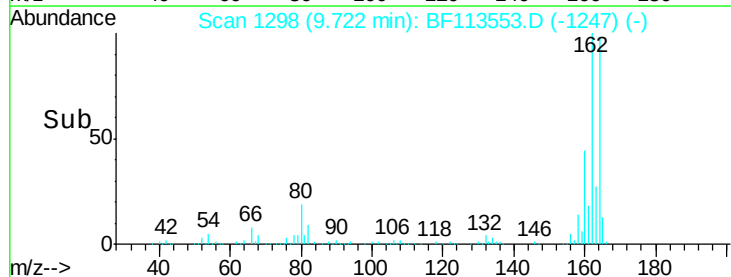
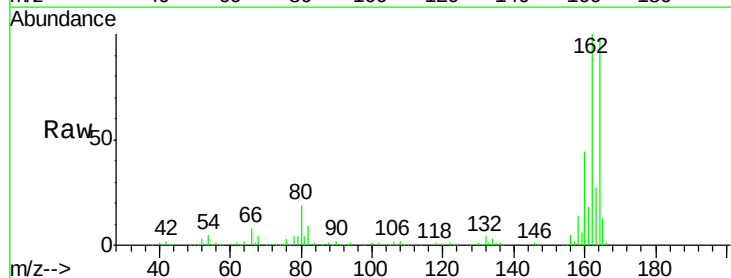
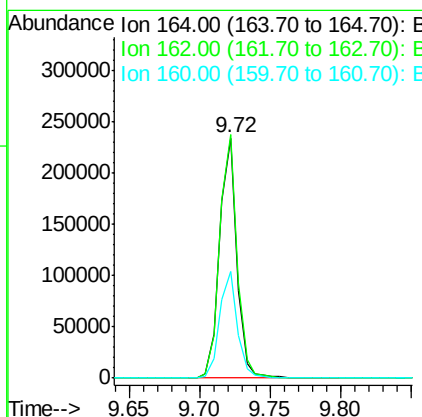
Manual Integrations
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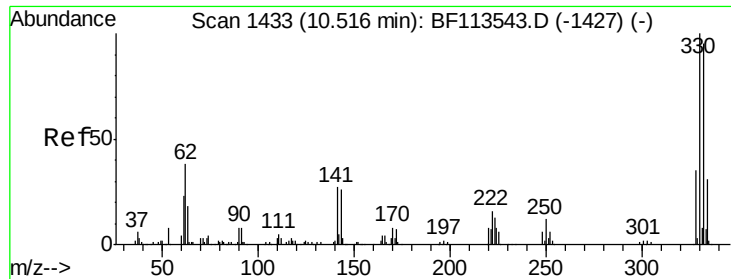
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF113553.D
 Acq: 3 Apr 2019 19:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.6
160	44.6	36.4	54.6





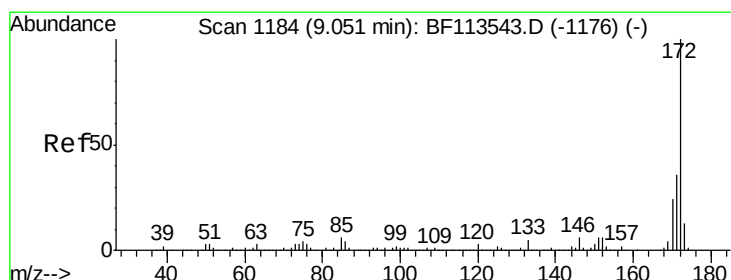
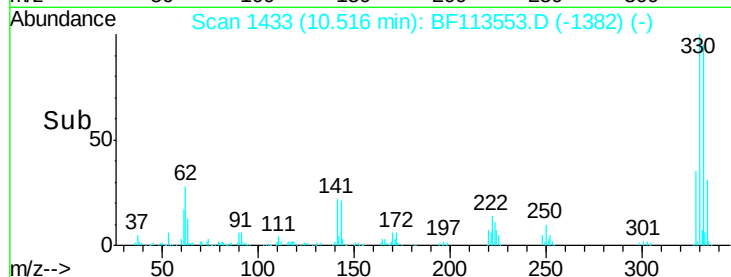
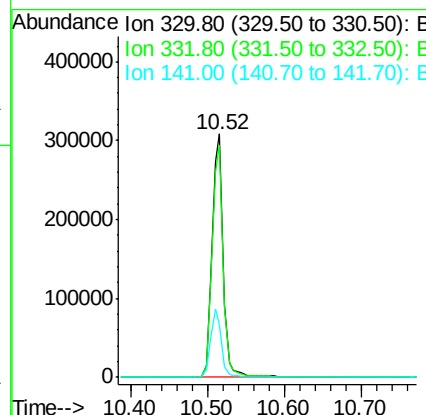
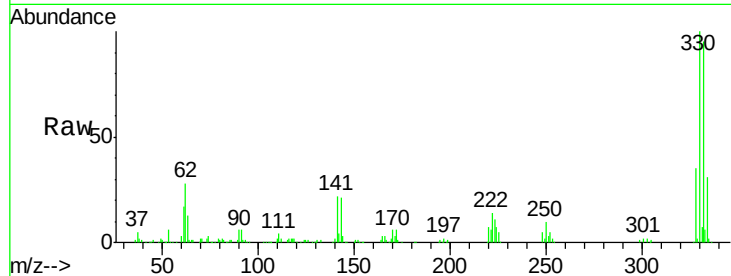
#42
 2,4,6-Tribromophenol
 Concen: 128.486 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF113553.D
 Acq: 3 Apr 2019 19:47

Instrument :
 BNA_F
 ClientSampleId :
 S9C(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.6
141	27.5	22.7	34.1

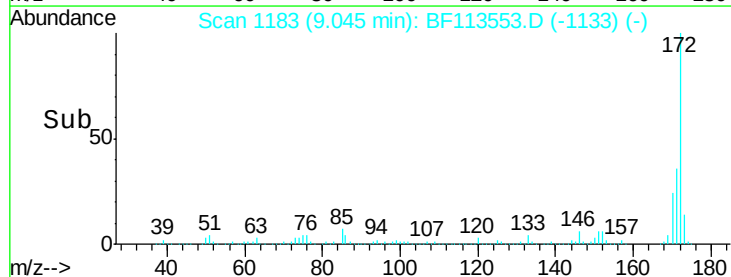
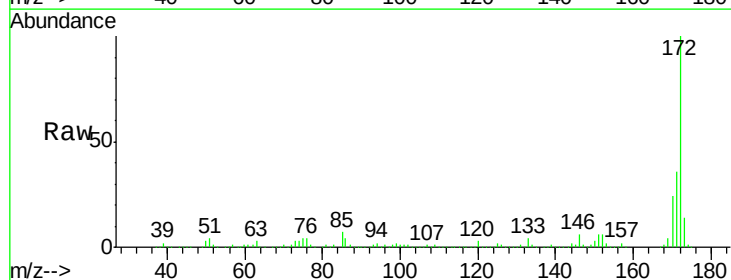
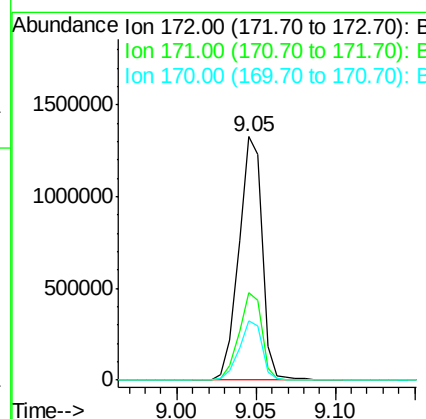
Manual Integrations
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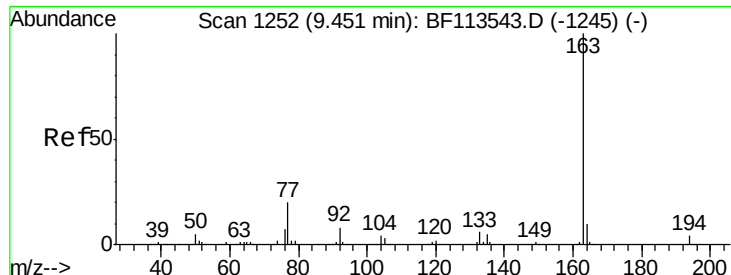
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#45
 2-Fluorobiphenyl
 Concen: 109.052 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113553.D
 Acq: 3 Apr 2019 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.4	19.5	29.3





#50

Dimethylphthalate

Concen: 6.370 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF113553.D

Acq: 3 Apr 2019 19:47

Instrument :

BNA_F

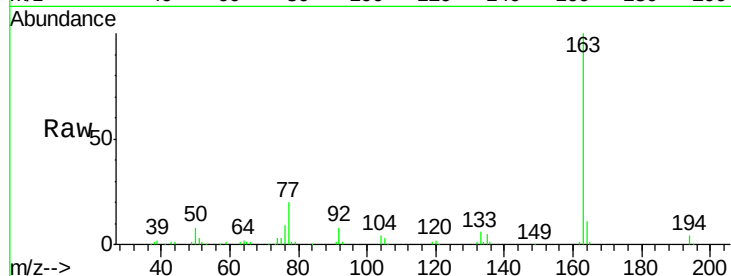
ClientSampleId :

S9C(2-10)COMP

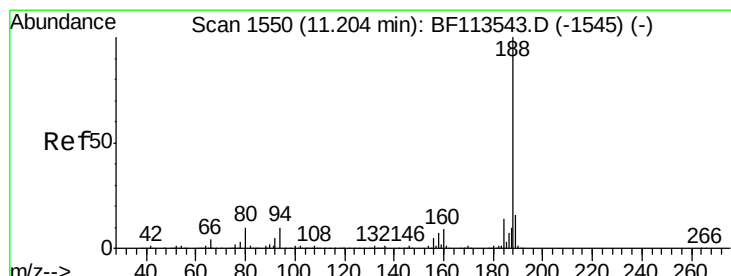
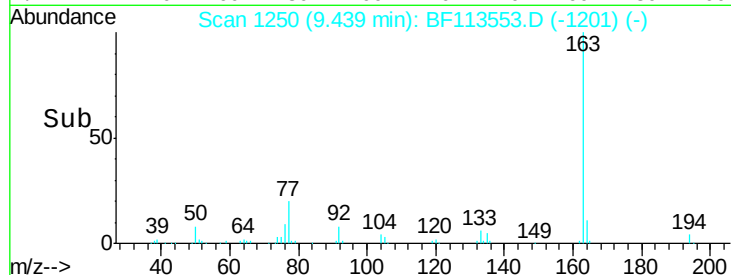
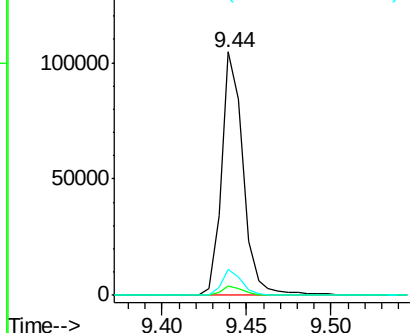
Tgt Ion:	163	Resp:	93466
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	10.6	8.1	12.1

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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

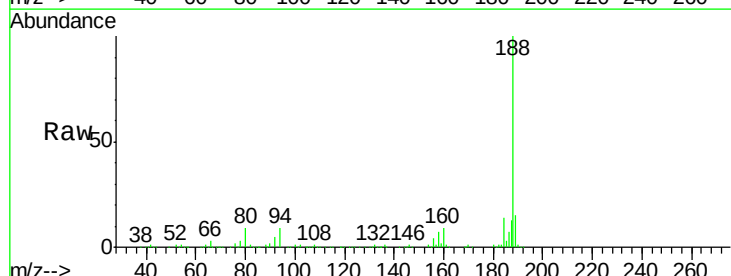
RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

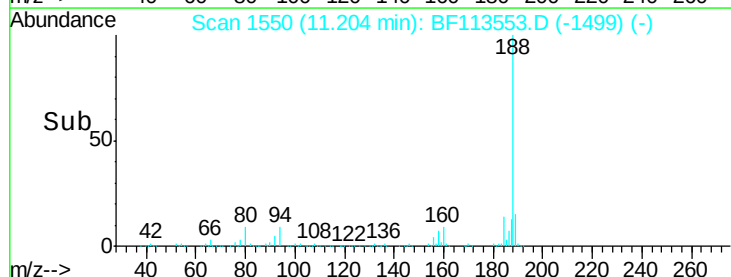
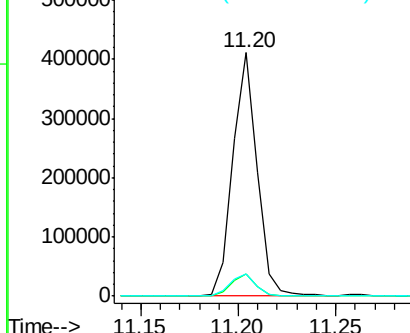
Lab File: BF113553.D

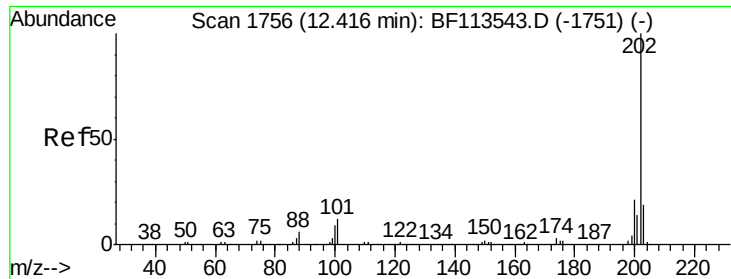
Acq: 3 Apr 2019 19:47

Tgt Ion:	188	Resp:	354707
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.0	10.6
80	9.4	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





#75

Fluoranthene

Concen: 7.559 ng

RT: 12.42 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF113553.D

Acq: 3 Apr 2019 19:47

Instrument :

BNA_F

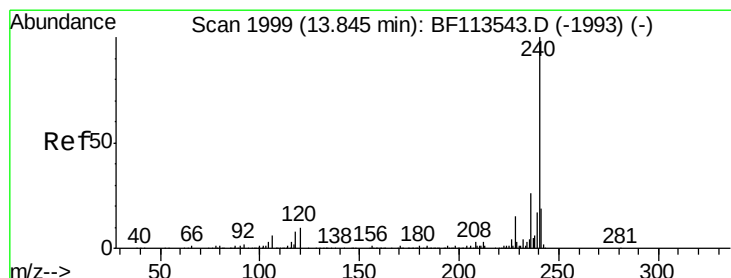
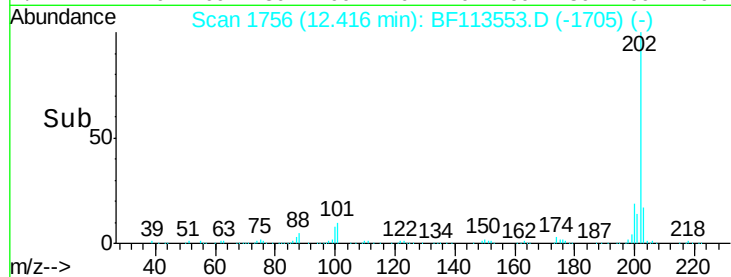
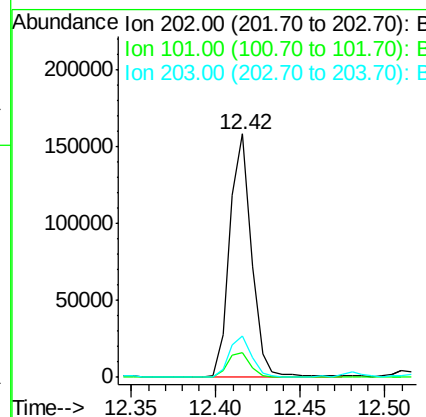
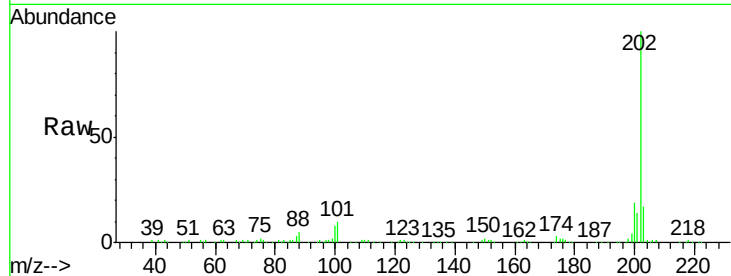
ClientSampleId :

S9C(2-10)COMP

Tgt Ion:	202	Resp:	142777
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	31.4
203	17.1	0.0	38.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

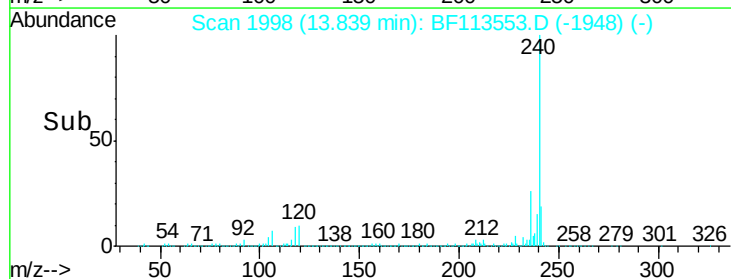
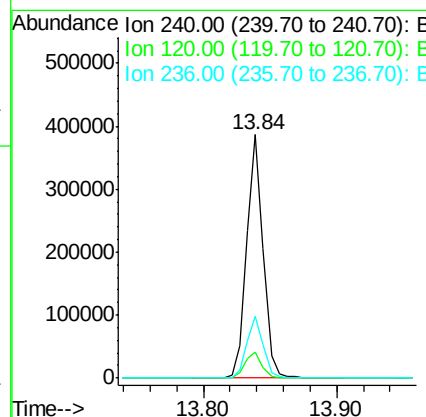
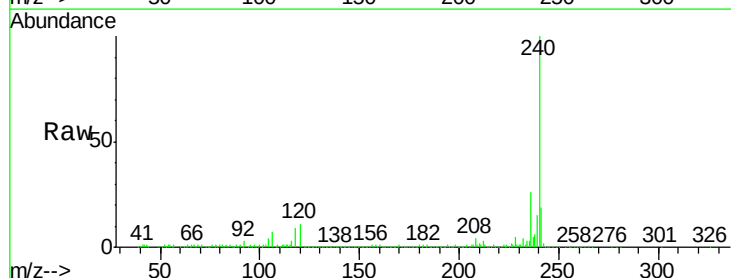
RT: 13.84 min Scan# 1998

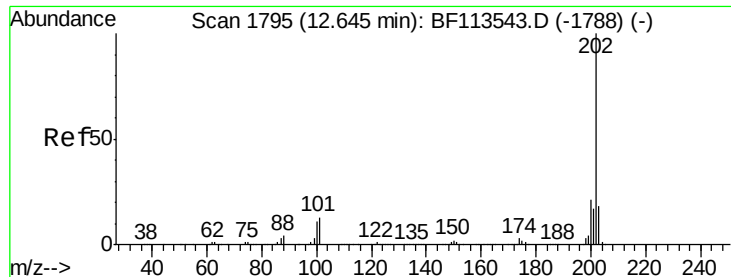
Delta R.T. -0.01 min

Lab File: BF113553.D

Acq: 3 Apr 2019 19:47

Tgt Ion:	240	Resp:	330557
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.8	13.2
236	25.6	20.9	31.3





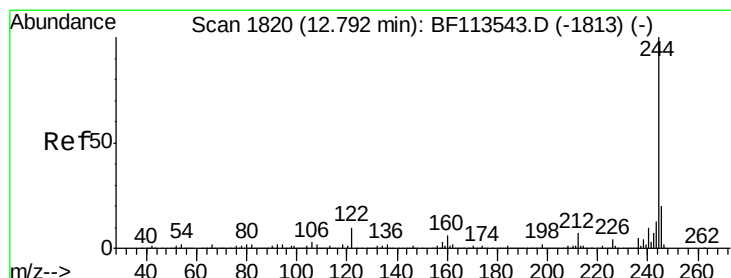
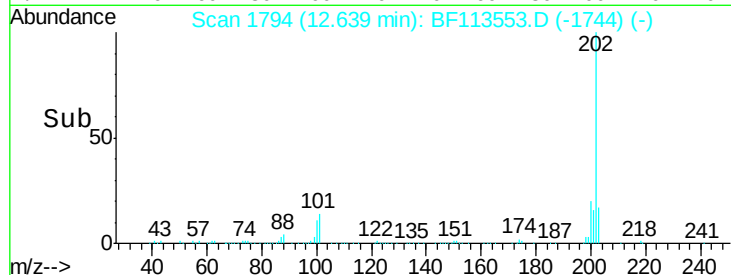
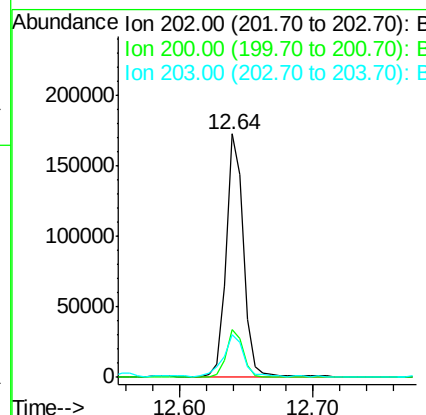
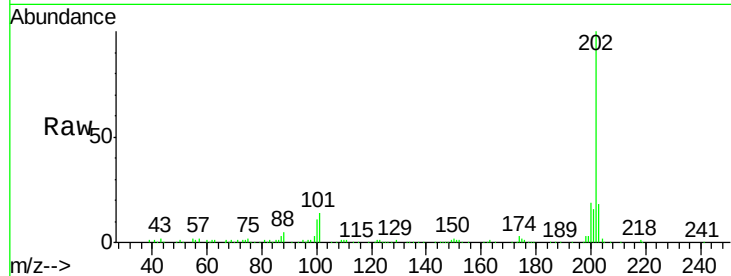
#78
 Pyrene
 Concen: 6.329 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BF113553.D
 Acq: 3 Apr 2019 19:47

Instrument :
 BNA_F
 ClientSampleId :
 S9C(2-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	159178		
200	19.4	16.8	25.2	
203	17.7	14.4	21.6	

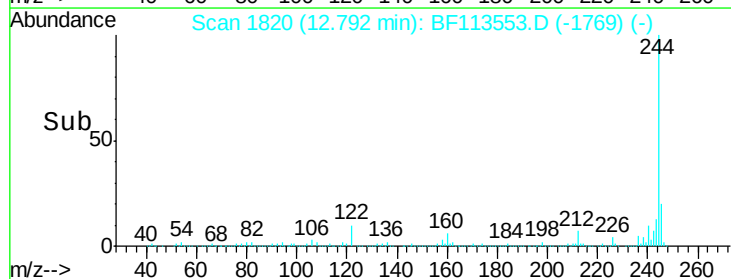
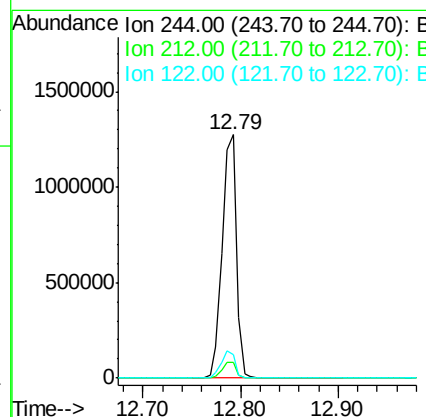
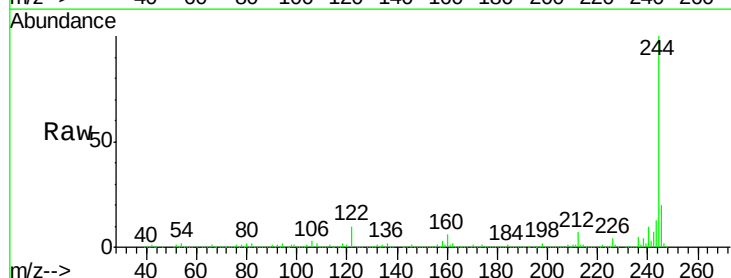
Manual Integrations
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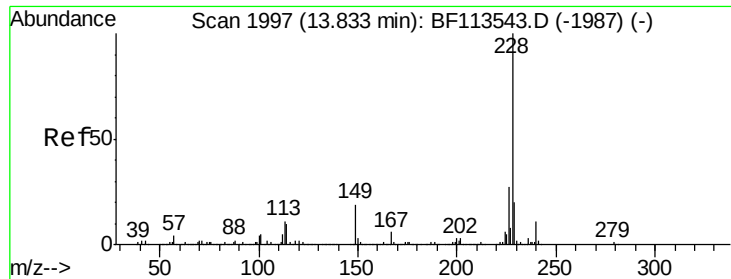
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#79
 Terphenyl-d14
 Concen: 79.700 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BF113553.D
 Acq: 3 Apr 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1293966		
212	6.5	5.5	8.3	
122	9.8	8.6	13.0	





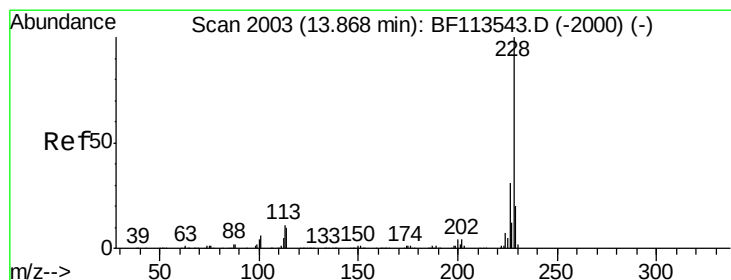
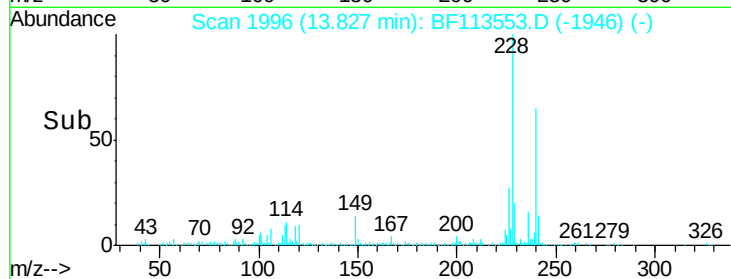
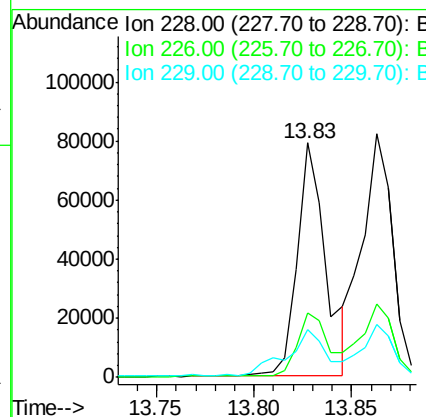
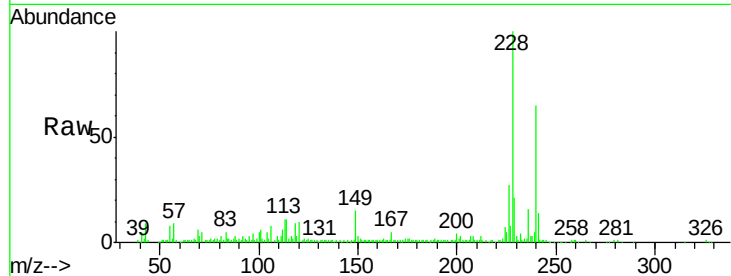
#81
Benzo(a)anthracene
Concen: 4.197 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :
S9C(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.6	16.2	24.4

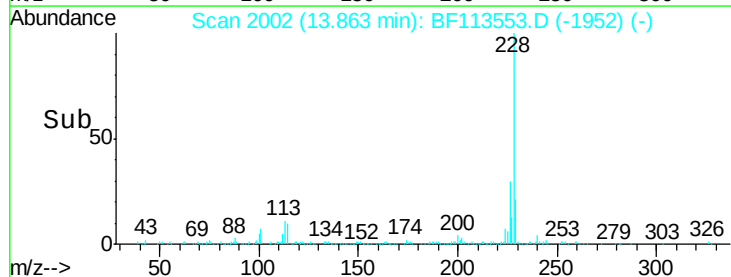
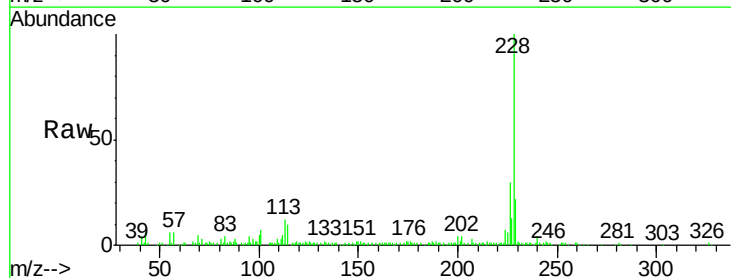
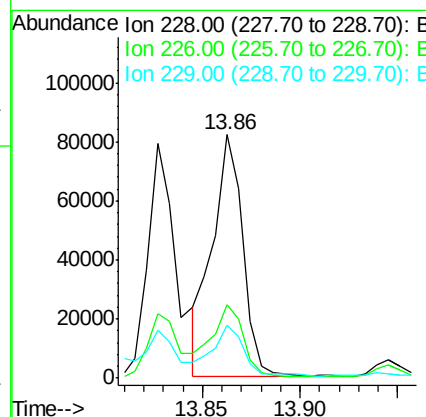
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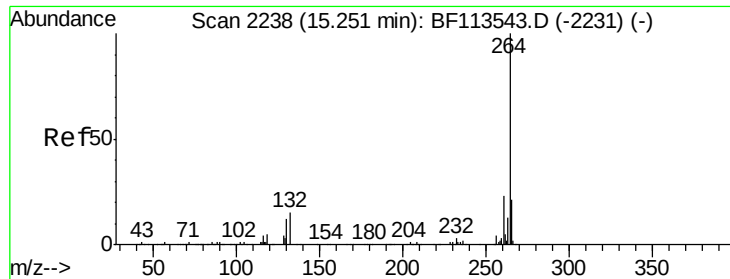
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#83
Chrysene
Concen: 4.624 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	21.9	16.3	24.5





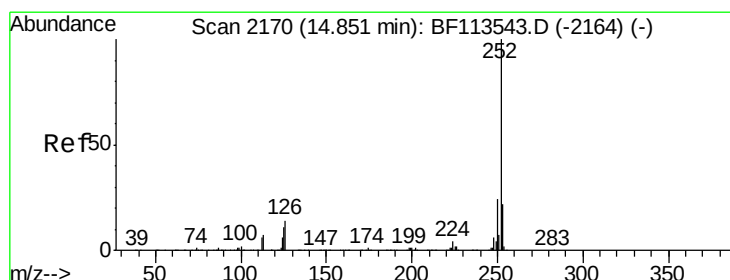
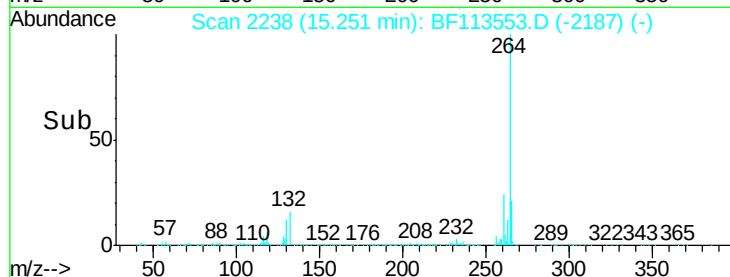
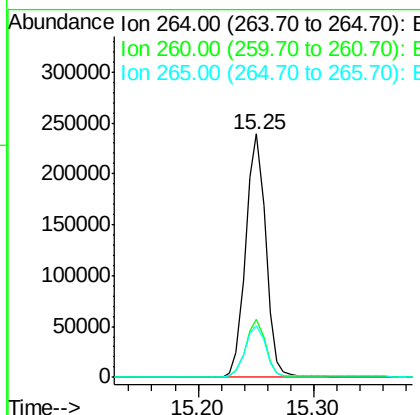
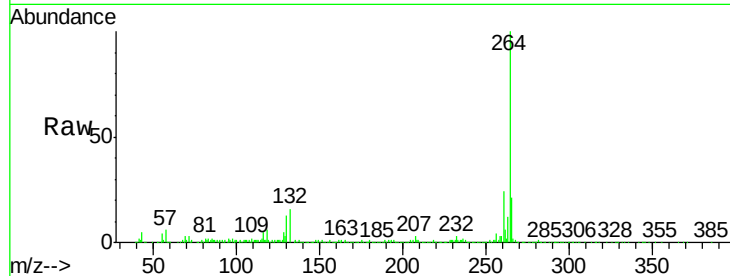
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BF113553.D
 Acq: 3 Apr 2019 19:47

Instrument :
 BNA_F
 ClientSampleId :
 S9C(2-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	288629		
260	23.8	19.1	28.7	
265	21.4	17.1	25.7	

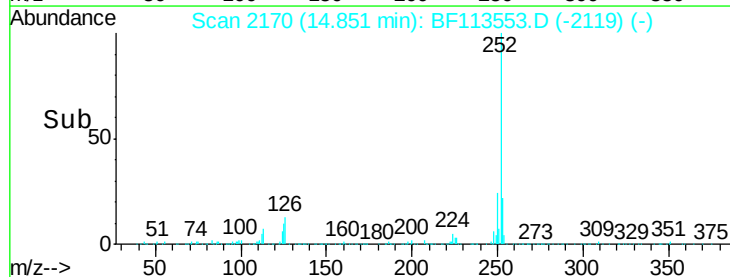
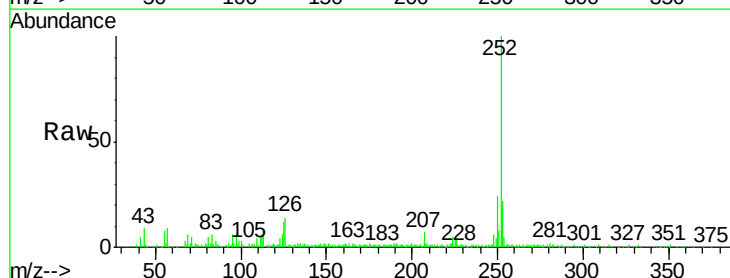
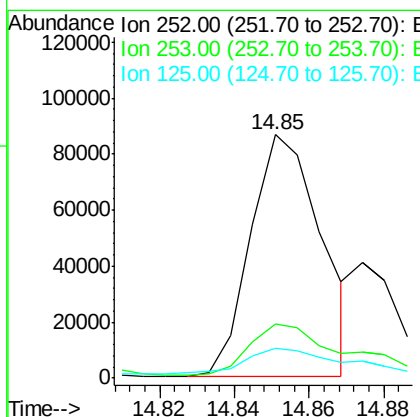
Manual Integrations
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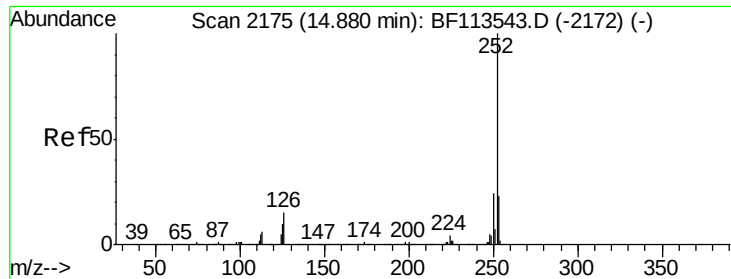
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 4/4/2019 10:57:47 AM



#88
 Benzo(b)fluoranthene
 Concen: 6.432 ng m
 RT: 14.85 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: BF113553.D
 Acq: 3 Apr 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	113635		
253	22.4	18.0	27.0	
125	12.0	7.6	11.4	





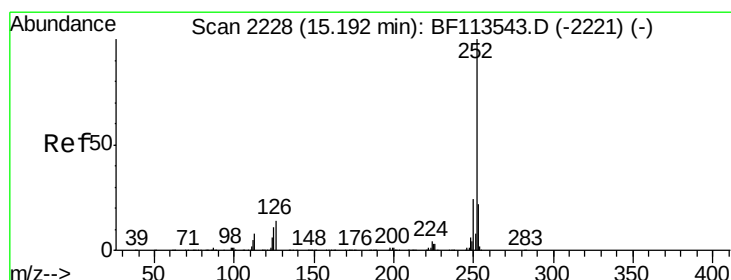
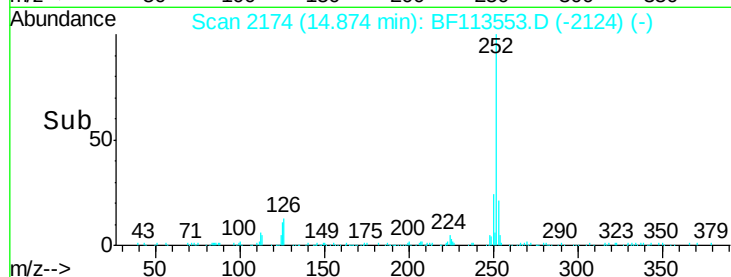
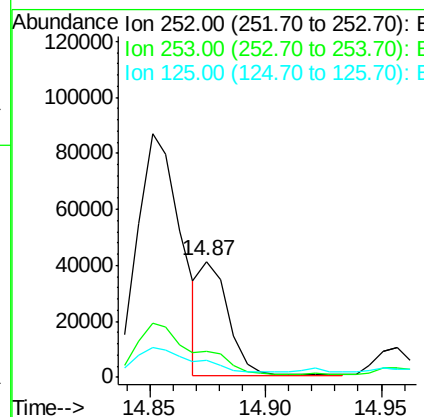
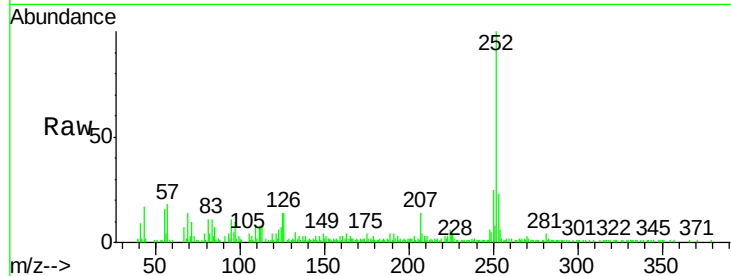
#89
Benzo(k)fluoranthene
Concen: 2.158 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :
S9C(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	14.4	7.3	10.9

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.735 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	15.0	8.8	13.2

