

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103477.D
 Acq On : 7 Mar 2018 1:01
 Operator : SJ/JU
 Sample : J1766-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

Manual Integrations
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Sohil
 3/7/2018 12:17:43 PM

3/7/2018 12:17:43 PM

Quant Time: Mar 07 12:13:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	125175	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	491452	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	184819	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	273391	20.00	ng	0.00
75) Chrysene-d12	14.07	240	117683	20.00	ng	0.00
86) Perylene-d12	15.61	264	103536	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1107485	133.81	ng	0.00
7) Phenol-d6	6.51	99	1335150	131.83	ng	0.00
23) Nitrobenzene-d5	7.44	82	848516	98.60	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	167945	107.35	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1037688	101.14	ng	0.00
78) Terphenyl-d14	13.00	244	626941	128.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	93811	6.327	ng	98
74) Fluoranthene	12.63	202	59822	3.957	ng	96
77) Pyrene	12.86	202	56903m	6.202	ng	
80) Benzo(a)anthracene	14.07	228	23692	3.103	ng	97
82) Chrysene	14.10	228	22244m	3.000	ng	
83) Bis(2-ethylhexyl)phthalate	14.02	149	45307	6.926	ng	# 89

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

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Misc :
ALS Vial : 19 Sample Multiplier: 1

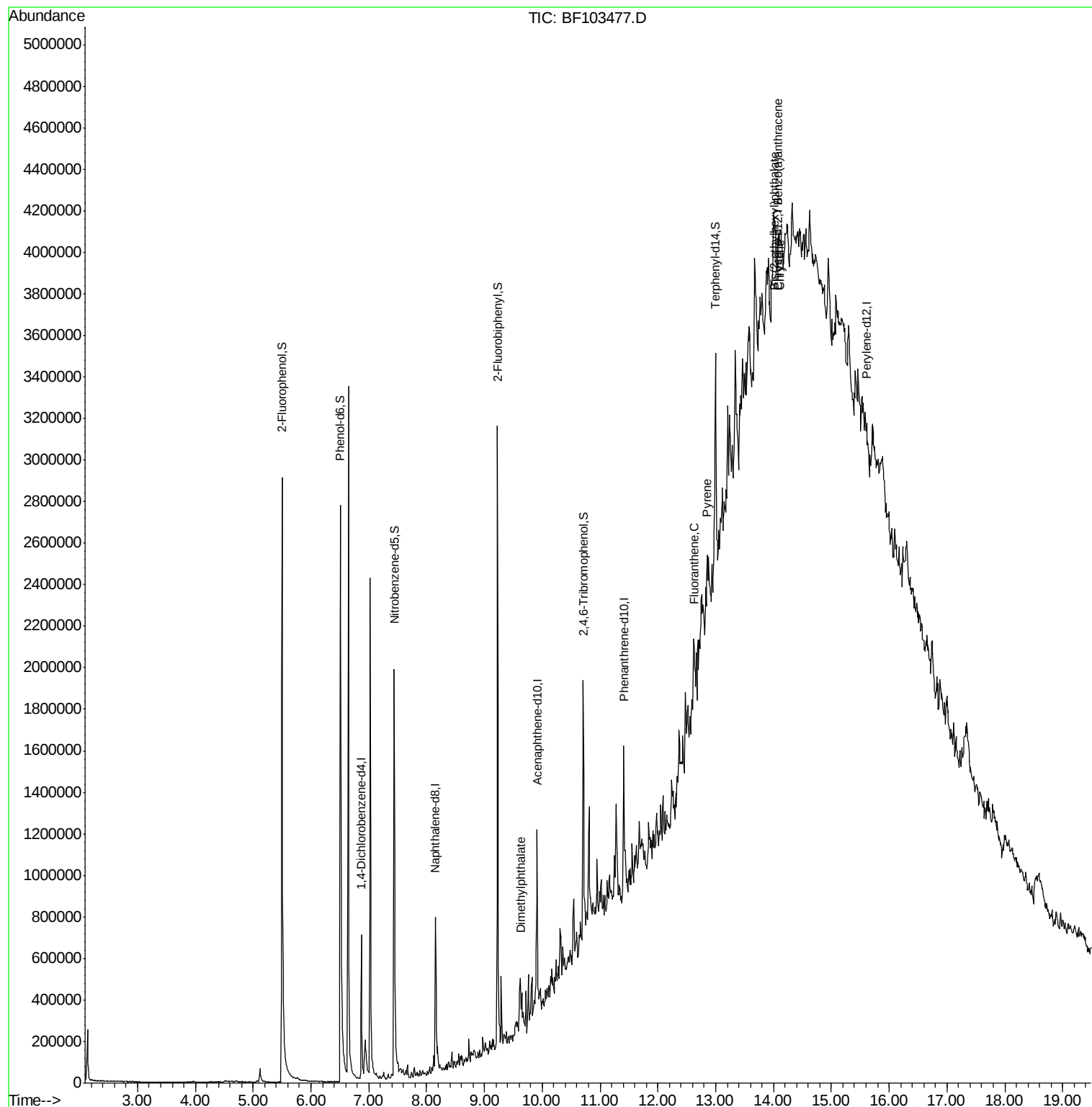
Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

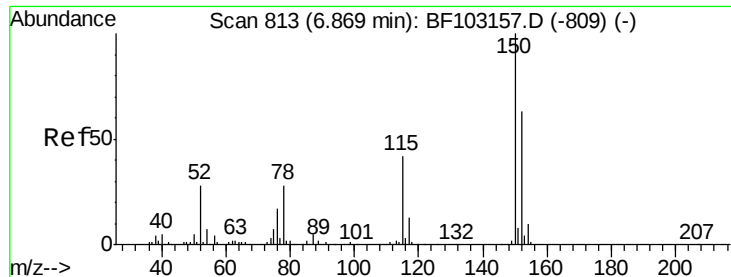
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103477.D
Acq: 7 Mar 2018 1:01

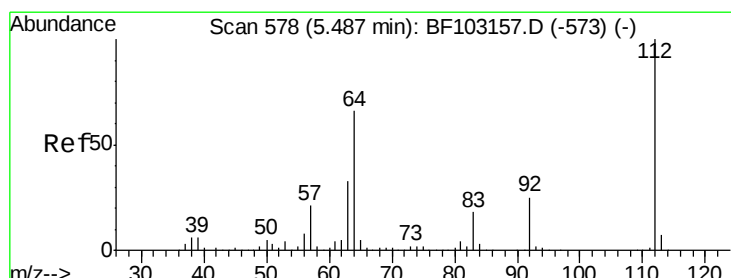
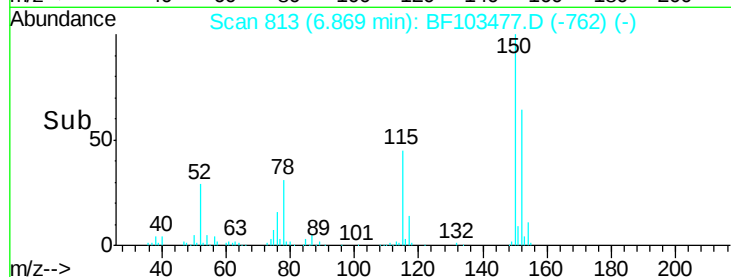
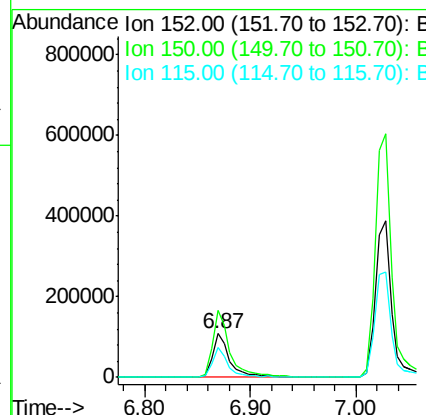
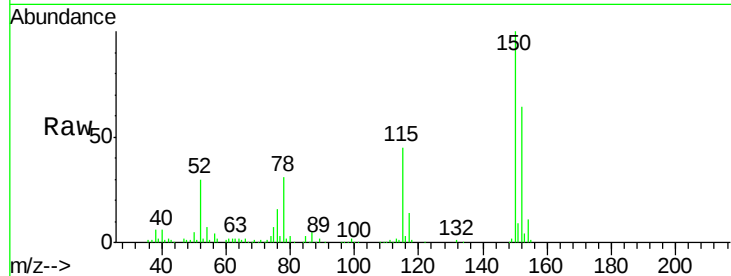
Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	69.2	50.1	75.1

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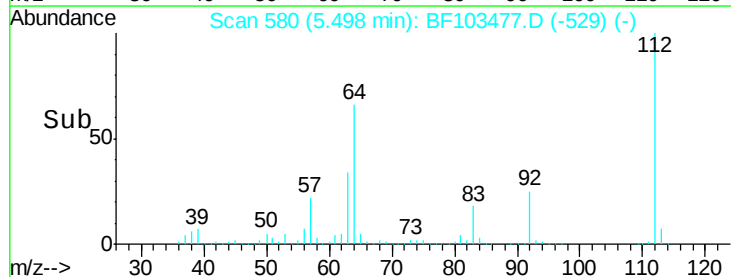
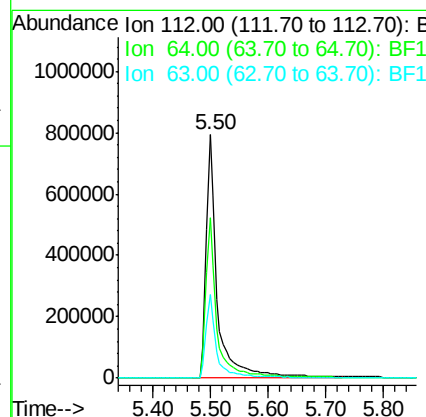
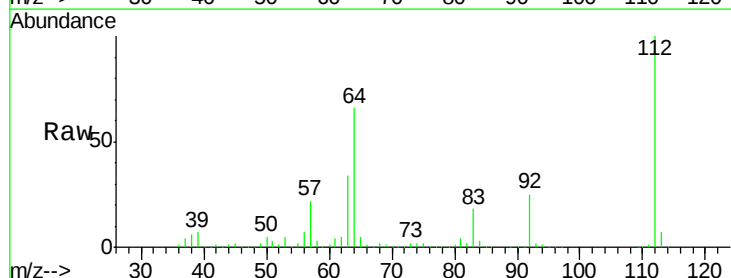
3/7/2018 12:17:43 PM

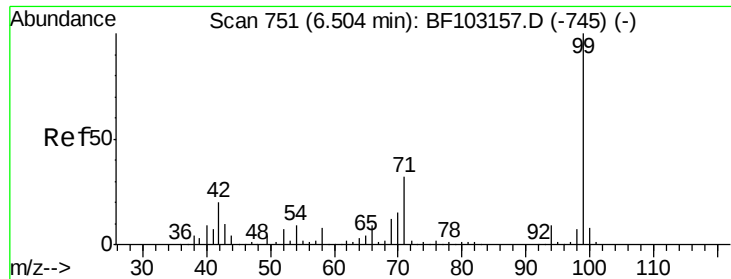


#5

2-Fluorophenol
Concen: 133.812 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103477.D
Acq: 7 Mar 2018 1:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	34.3	23.7	35.5





#7

Phenol-d6

Concen: 131.835 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103477.D

Acq: 7 Mar 2018 1:01

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2

Tot Ion: 99 Resp: 1335150

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 33.8 25.4 38.0

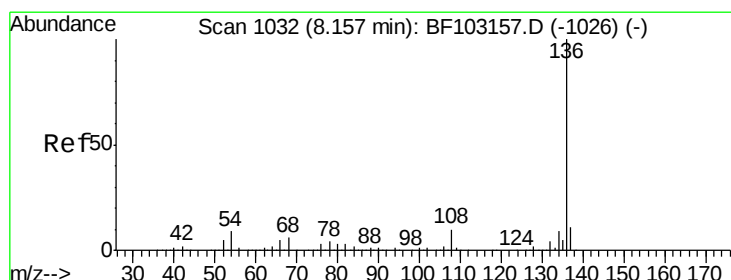
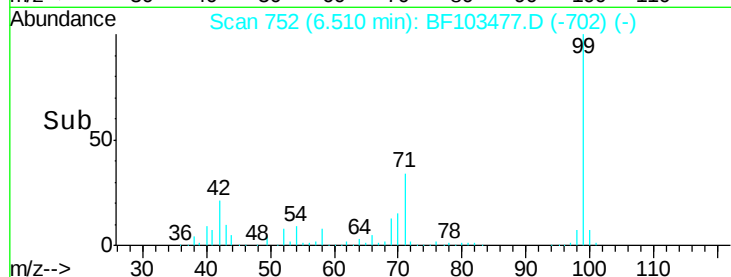
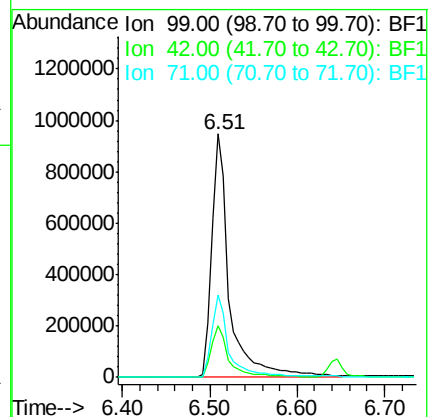
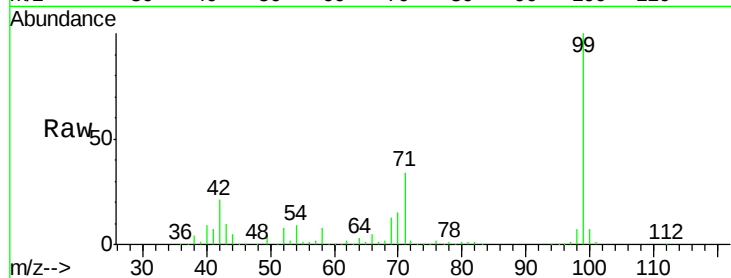
Manual Integrations

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103477.D

Acq: 7 Mar 2018 1:01

Tgt Ion: 136 Resp: 491452

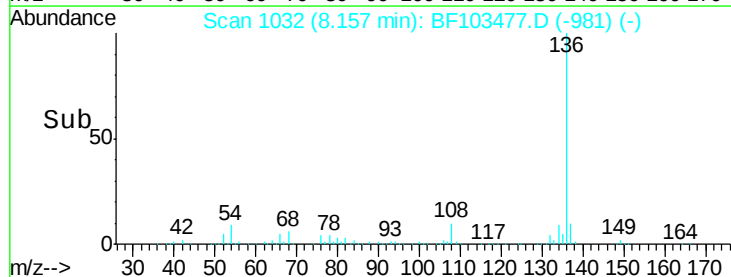
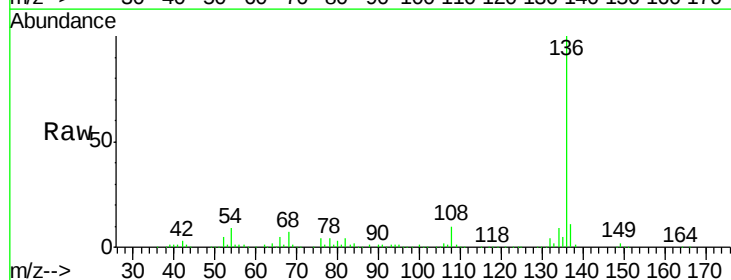
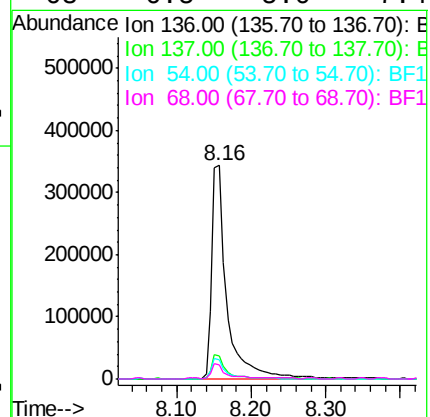
Ion Ratio Lower Upper

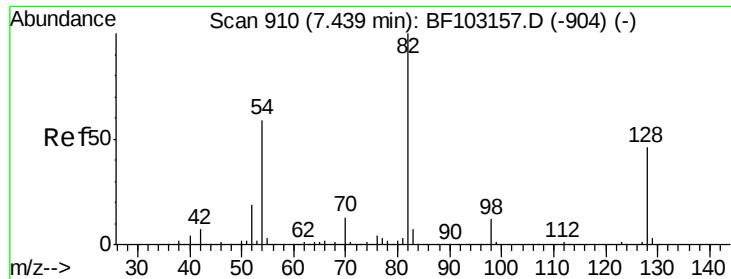
136 100

137 10.6 8.9 13.3

54 9.1 6.6 9.8

68 6.5 5.0 7.4





#23
Nitrobenzene-d5
Concen: 98.601 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103477.D
Acq: 7 Mar 2018 1:01

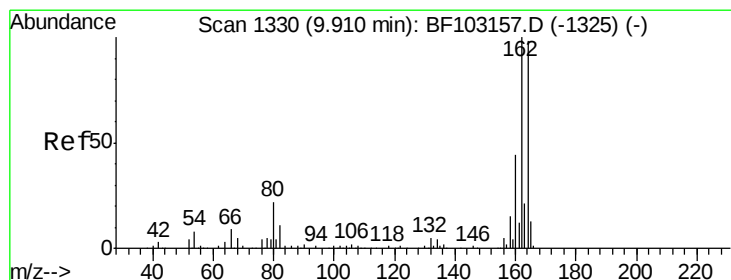
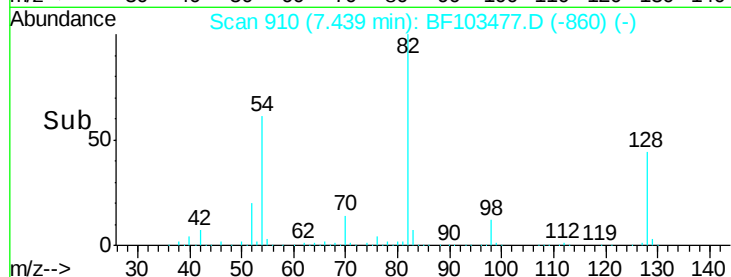
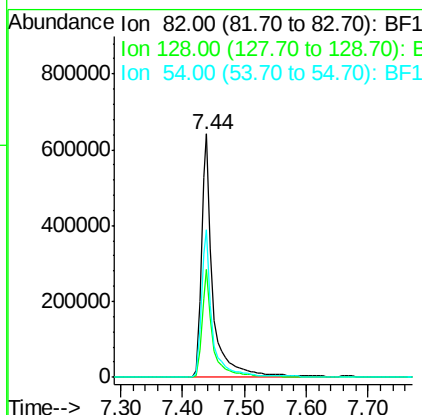
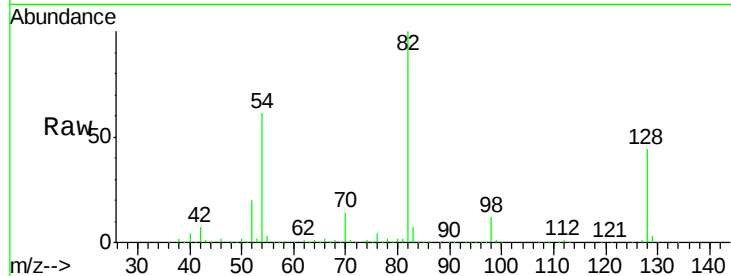
Instrument :
BNA_F
ClientSampled :
DRUM-1-2

Tot Ion	82	Resp	848516
Ion Ratio	100	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	60.6	41.4	62.2

Manual Integrations
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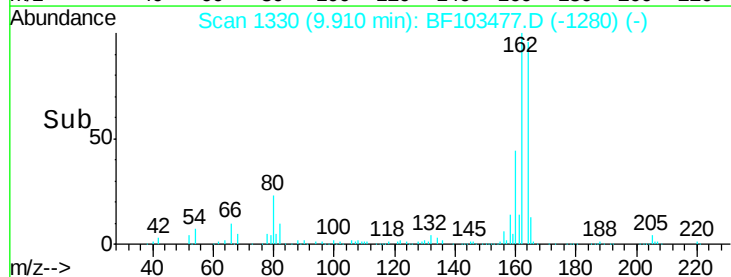
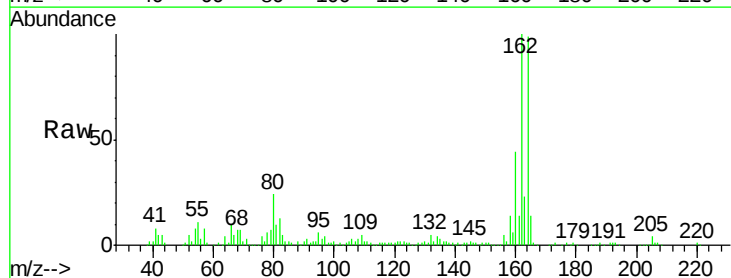
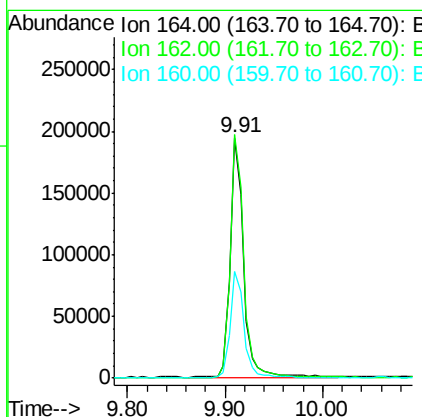
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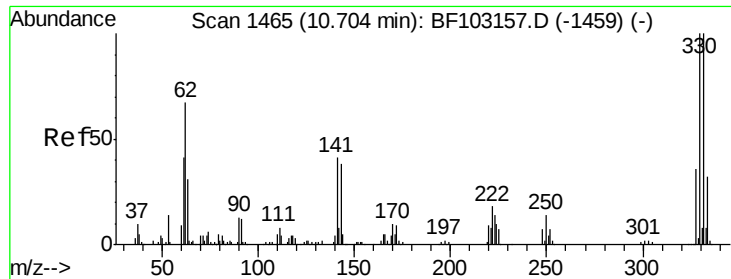
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103477.D
Acq: 7 Mar 2018 1:01

Tgt Ion	164	Resp	184819
Ion Ratio	100	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	44.5	38.3	57.5





#41
 2,4,6-Tribromophenol
 Concen: 107.355 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103477.D
 Acq: 7 Mar 2018 1:01

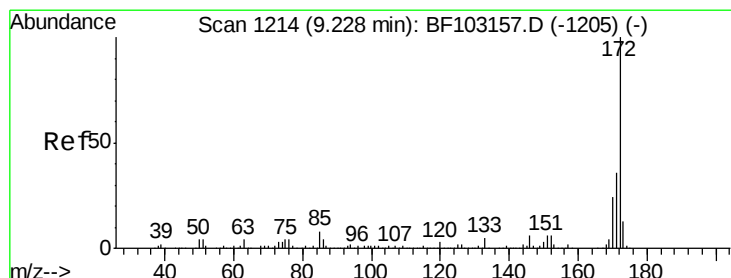
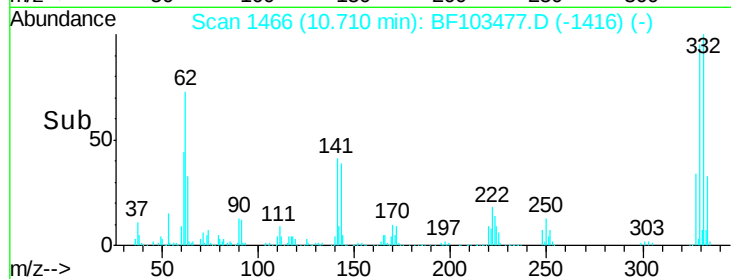
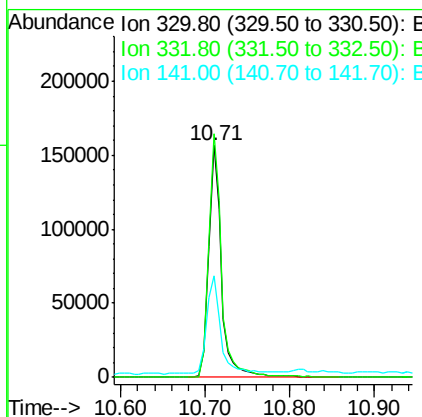
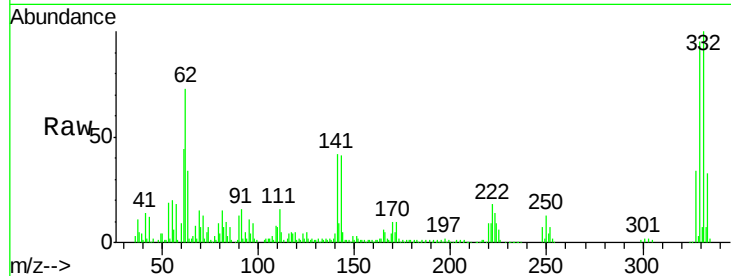
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	104.9	77.0	115.6	
141	45.4	29.9	44.9	

Manual Integrations
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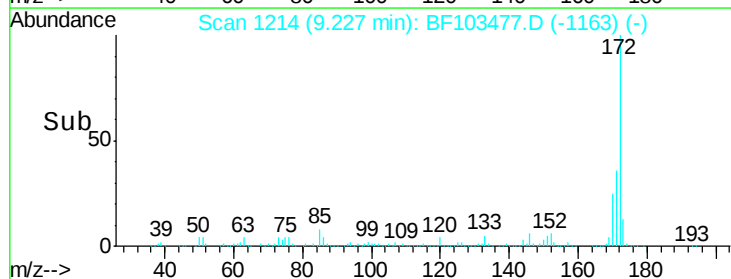
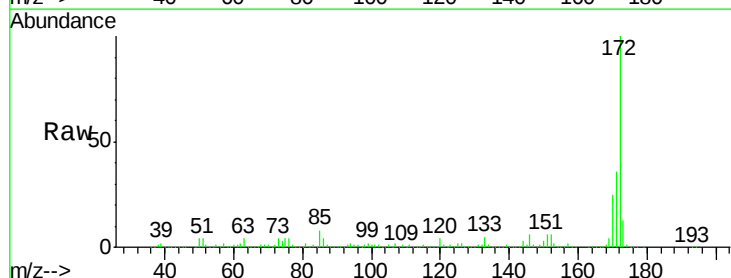
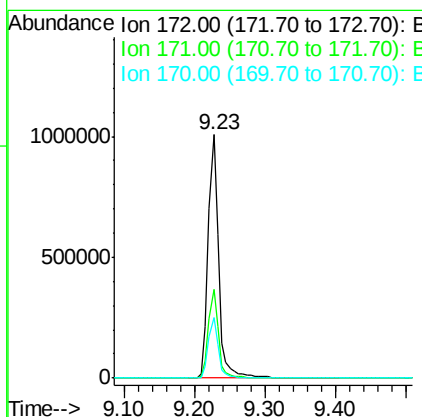
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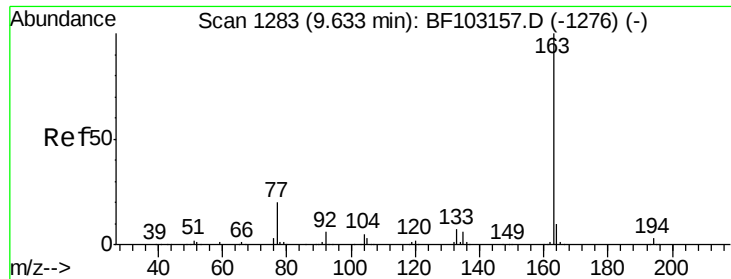
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#44
 2-Fluorobiphenyl
 Concen: 101.143 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF103477.D
 Acq: 7 Mar 2018 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	24.6	19.6	29.4	





#49
Dimethylphthalate
Concen: 6.327 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103477.D
Acq: 7 Mar 2018 1:01

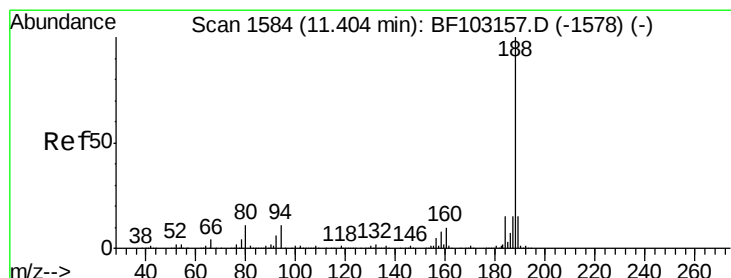
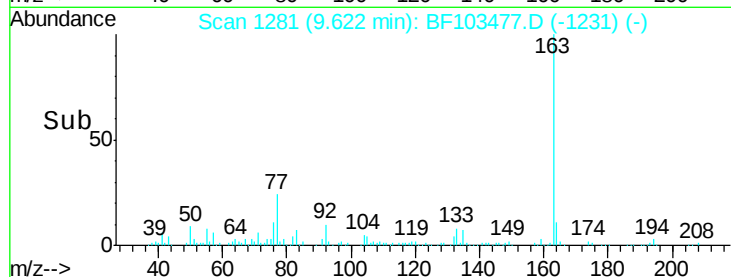
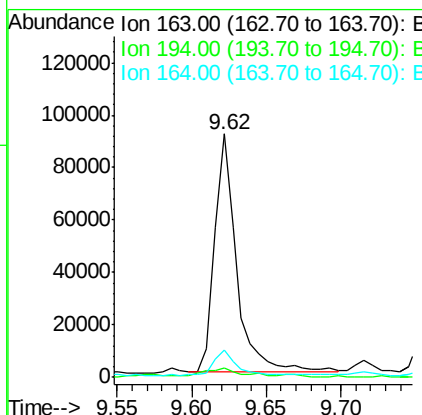
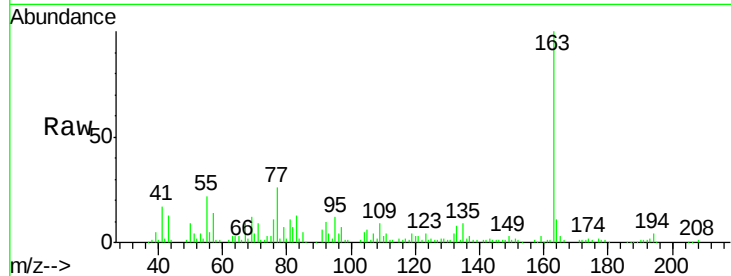
Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tot Ion:	163	Resp:	93811
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	11.0	8.2	12.2

Manual Integrations
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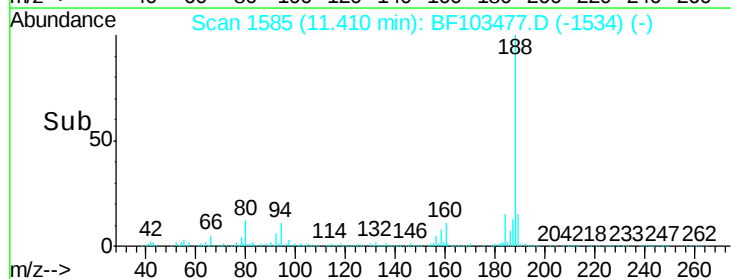
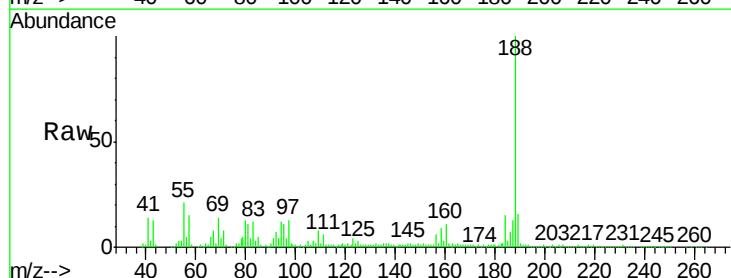
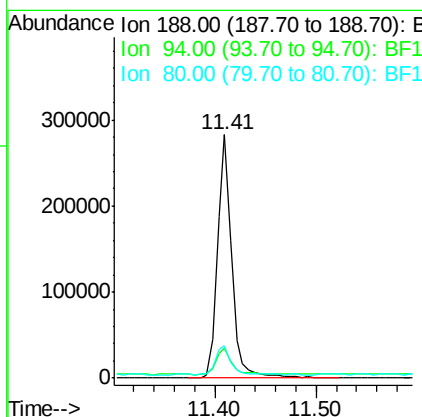
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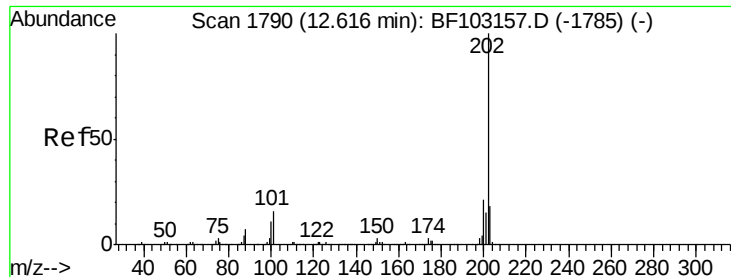
3/7/2018 12:17:43 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103477.D
Acq: 7 Mar 2018 1:01

Tgt Ion:	188	Resp:	273391
Ion Ratio	Lower	Upper	
188	100		
94	12.4	8.5	12.7
80	13.4	9.2	13.8





#74

Fluoranthene

Concen: 3.957 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF103477.D

Acq: 7 Mar 2018 1:01

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2

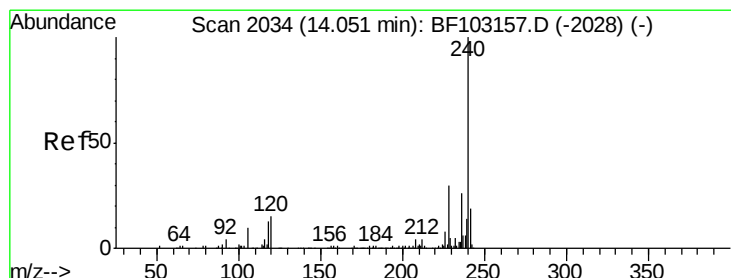
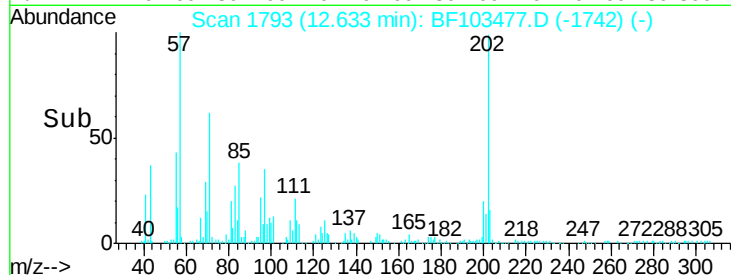
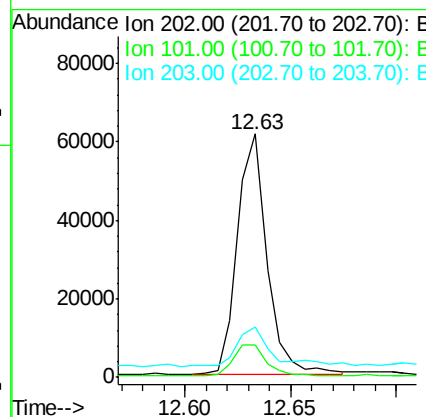
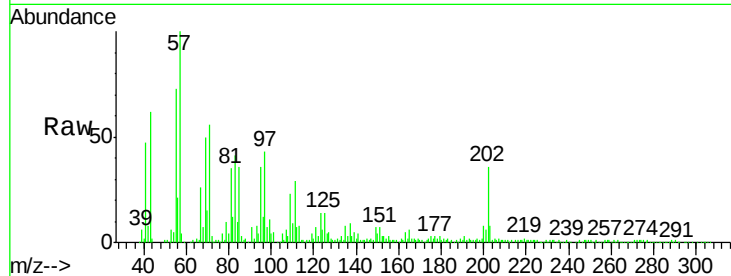
Tot Ion:	202	Resp:	59822
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	34.1
203	20.7	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

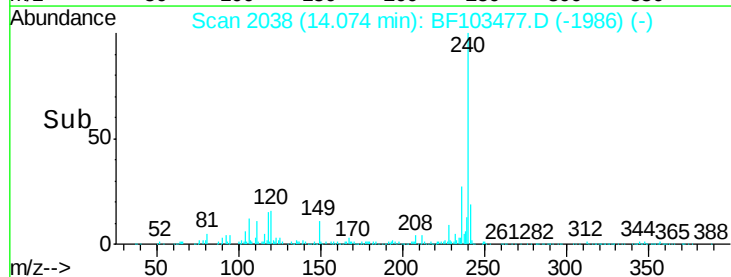
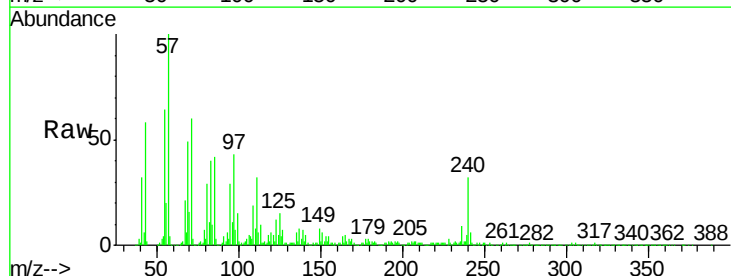
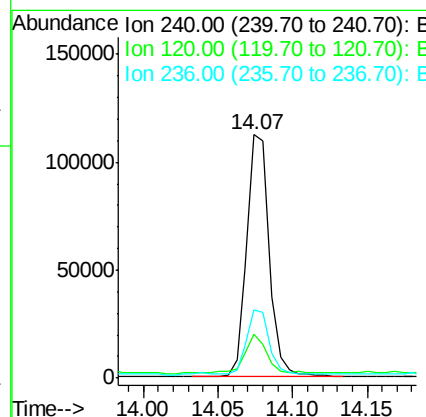
RT: 14.07 min Scan# 2038

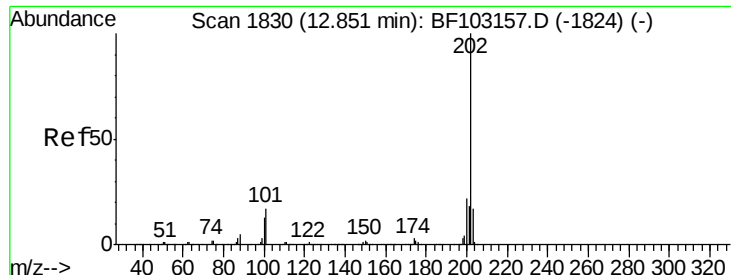
Delta R.T. 0.01 min

Lab File: BF103477.D

Acq: 7 Mar 2018 1:01

Tgt Ion:	240	Resp:	117683
Ion Ratio	Lower	Upper	
240	100		
120	18.1	9.5	14.3#
236	27.9	20.7	31.1





#77

Pvrene

Concen: 6.202 ng/mL

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF103477.D

Acq: 7 Mar 2018 1:01

Instrument :

BNA_F

ClientSampled :

DRUM-1-2

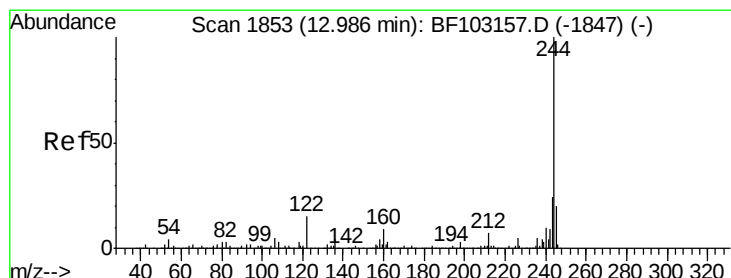
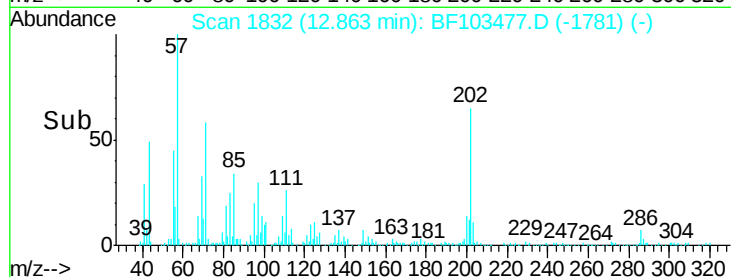
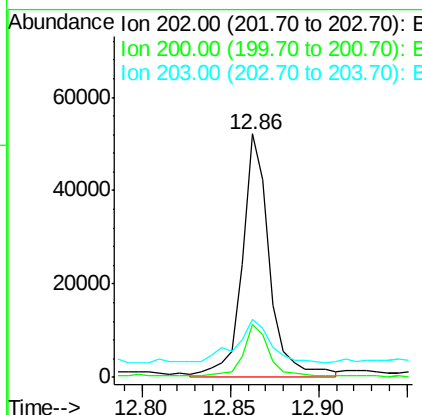
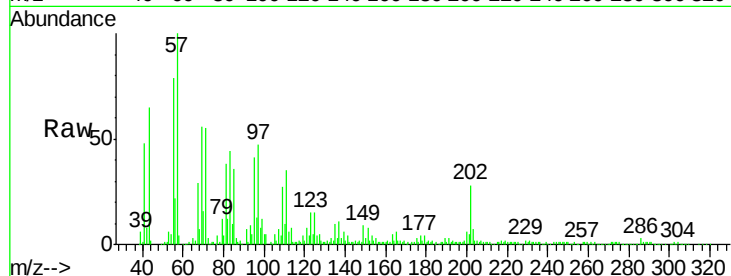
Tot Ion:	202	Resp:	56903
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	24.0	14.3	21.5#

Manual Integrations
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#78

Terphenyl-d14

Concen: 128.063 ng/mL

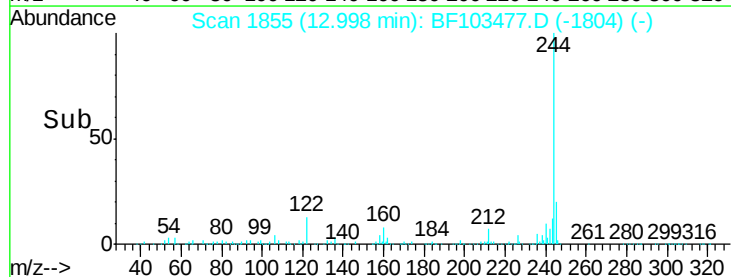
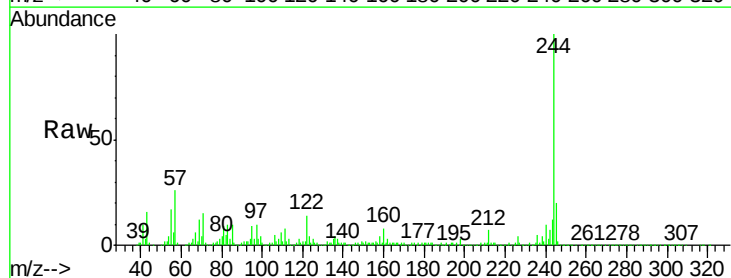
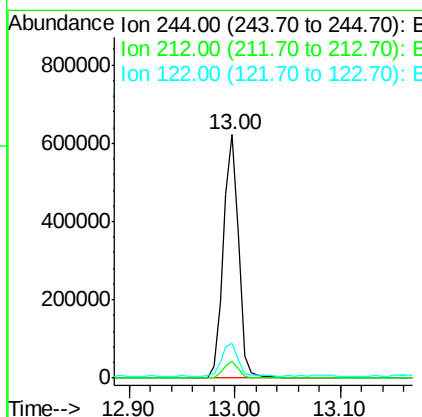
RT: 13.00 min Scan# 1855

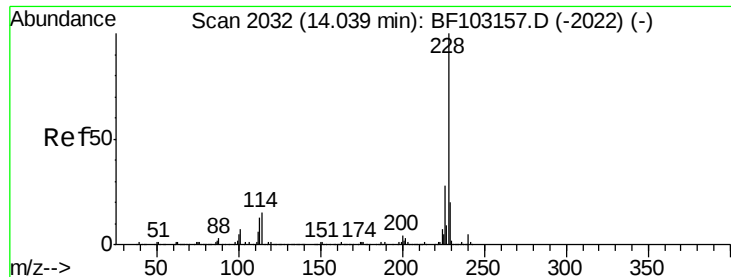
Delta R.T. 0.00 min

Lab File: BF103477.D

Acq: 7 Mar 2018 1:01

Tgt Ion:	244	Resp:	626941
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	14.3	11.0	16.4





#80
Benzo(a)anthracene
Concen: 3.103 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BF103477.D
Acq: 7 Mar 2018 1:01

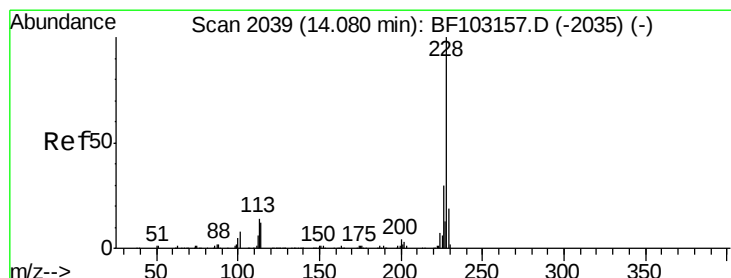
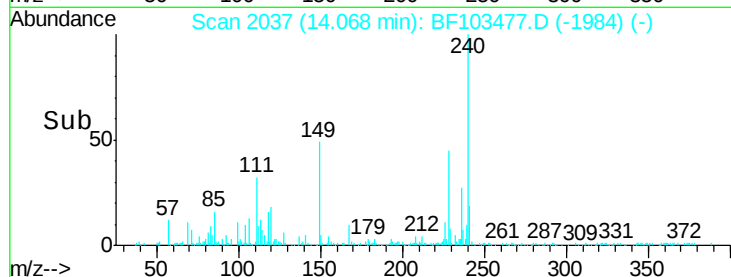
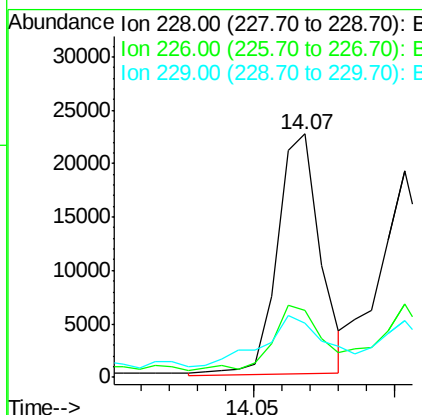
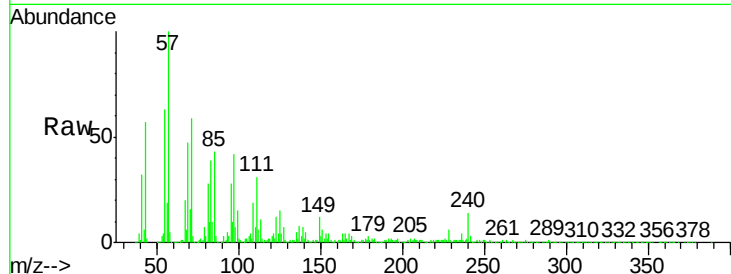
Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	22.4	15.8	23.6

Manual Integrations
APPROVED

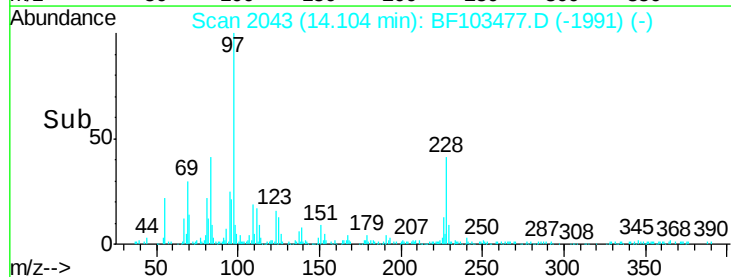
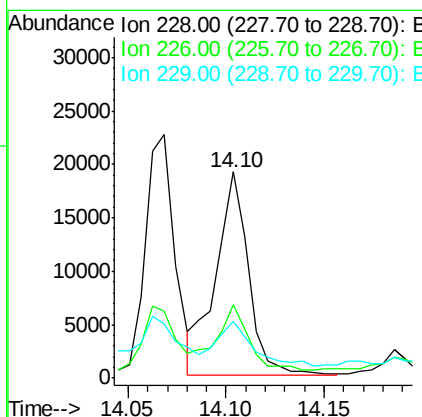
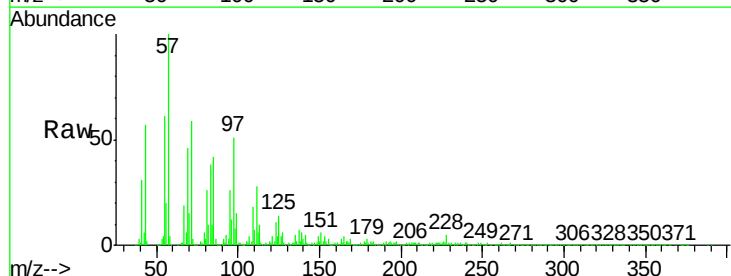
Sohil
3/7/2018 12:17:43 PM

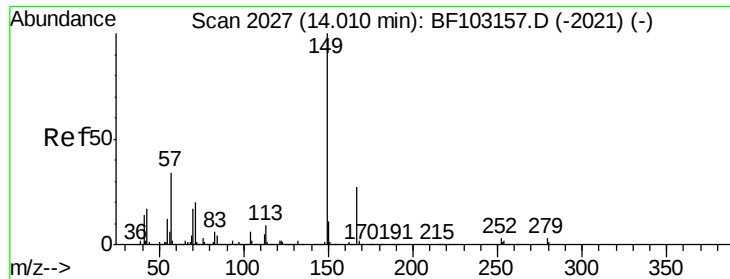
3/7/2018 12:17:43 PM



#82
Chrysene
Concen: 3.000 ng m
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BF103477.D
Acq: 7 Mar 2018 1:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.4	25.0	37.6
229	27.2	16.2	24.4





#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.926 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF103477.D
 Acq: 7 Mar 2018 1:01

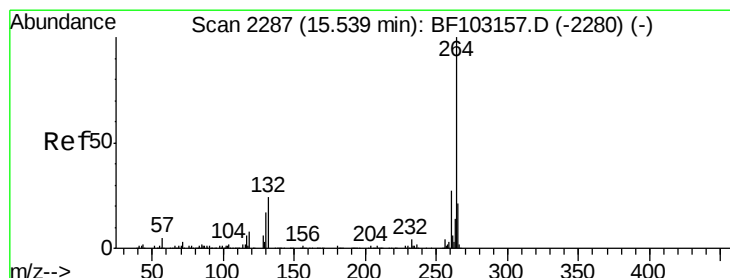
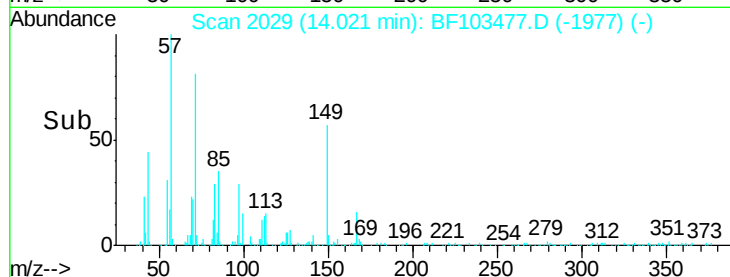
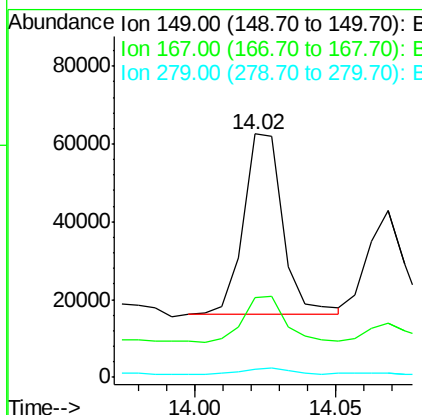
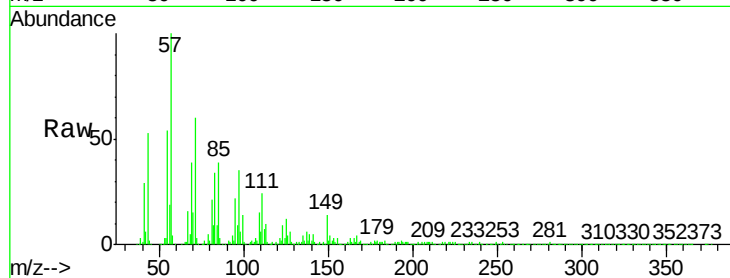
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.8	21.3	31.9#
279	3.3	3.0	4.4

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:17:43 PM

3/7/2018 12:17:43 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.61 min Scan# 2299
 Delta R.T. 0.04 min
 Lab File: BF103477.D
 Acq: 7 Mar 2018 1:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	23.6	17.5	26.3

