

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098169.D
 Acq On : 30 Aug 2017 21:30
 Operator : SJ/JU
 Sample : I4980-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H26-WC1

Manual Integrations
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Sohil
 8/31/2017 7:12:13 PM

Quant Time: Aug 31 07:42:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112636	20.00	ng	-0.03
21) Naphthalene-d8	8.00	136	443972	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	184556	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	301897	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	215777	20.00	ng	-0.02
86) Perylene-d12	15.31	264	196558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	895307	120.91	ng	-0.02
7) Phenol-d6	6.36	99	1223817	121.64	ng	-0.02
23) Nitrobenzene-d5	7.29	82	740215	90.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	188047	117.43	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	1039671	82.77	ng	-0.02
78) Terphenyl-d14	12.83	244	674584	65.19	ng	-0.02
Target Compounds						
10) Phenol	6.37	94	49374	4.196	ng	88
49) Dimethylphthalate	9.47	163	258615	19.170	ng	100
74) Fluoranthene	12.44	202	38936	2.319	ng	90
77) Pyrene	12.67	202	36923	2.092	ng	# 92

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

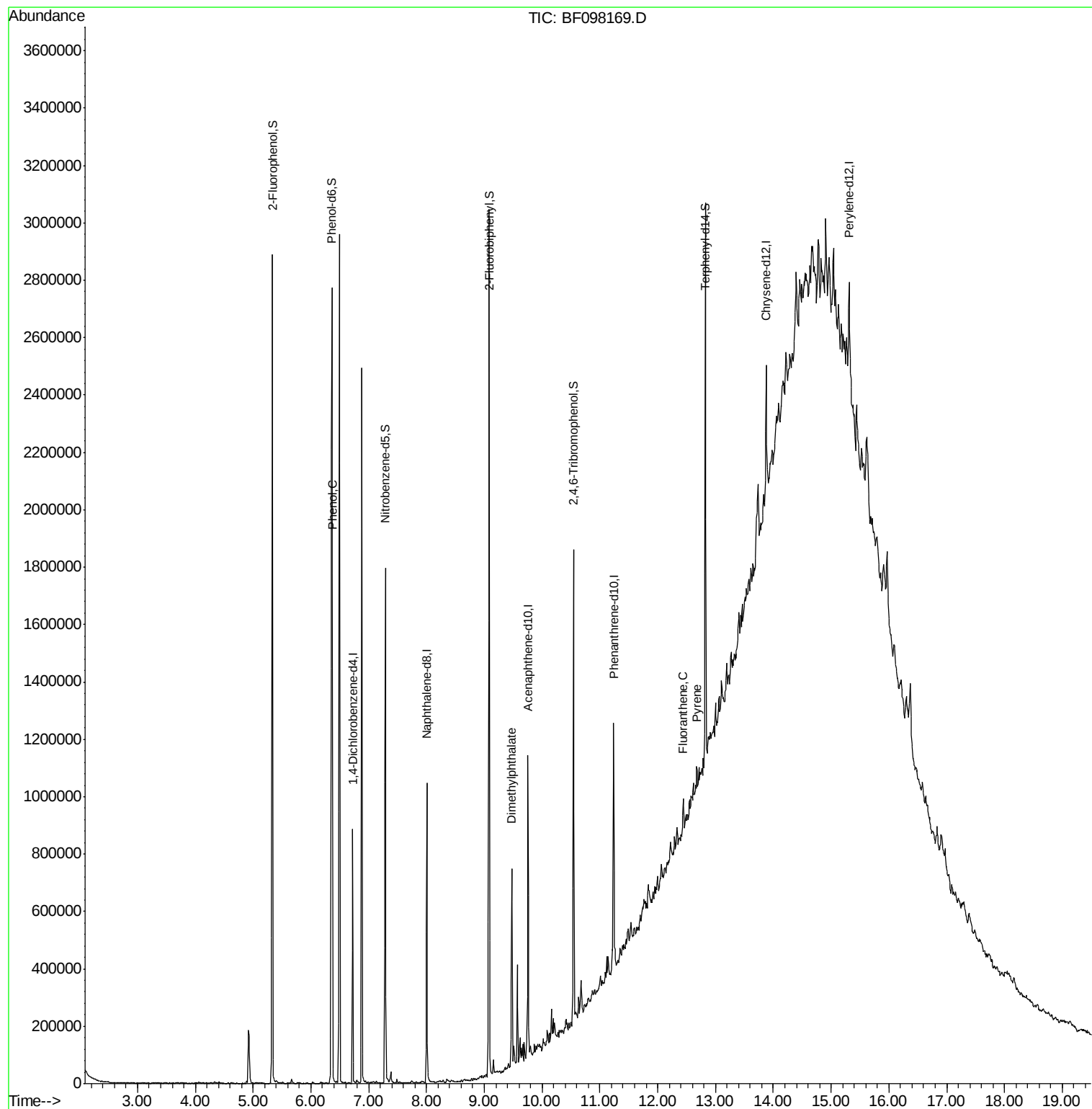
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
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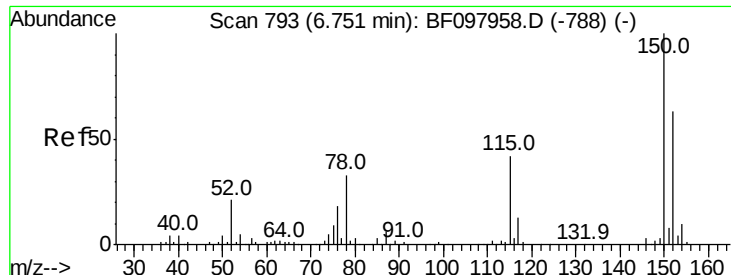
Instrument :
BNA_F
ClientSampleId :
H26-WC1

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Quant Time: Aug 31 07:42:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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#1

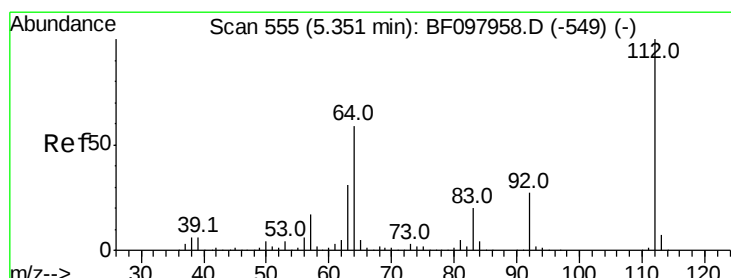
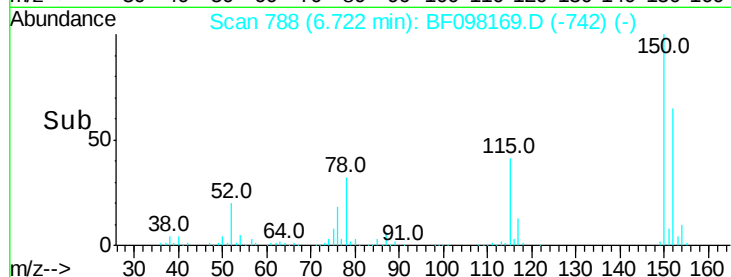
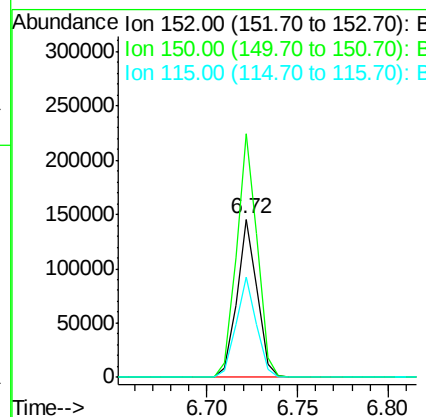
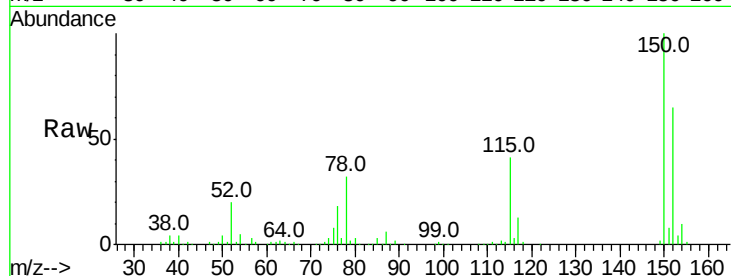
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098169.D
Acq: 30 Aug 2017 21:30

Instrument :
BNA_F
ClientSampleId :
H26-WC1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	63.8	52.2	78.2

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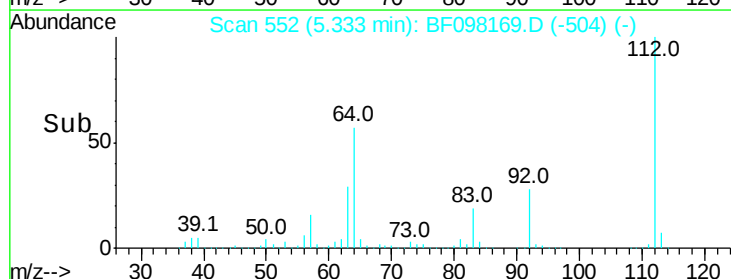
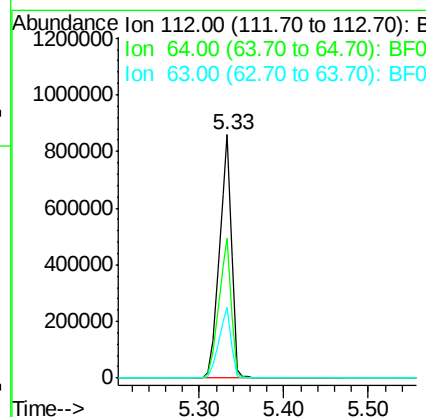
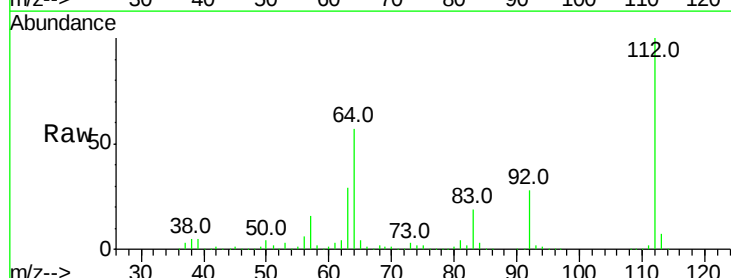
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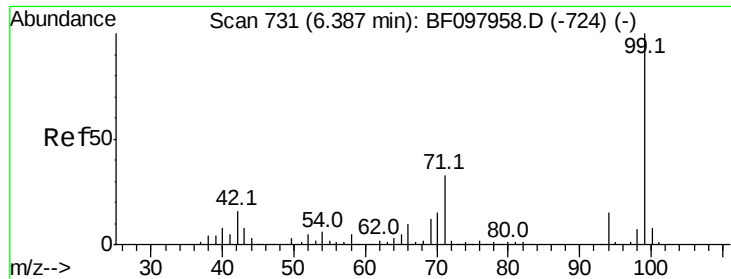


#5

2-Fluorophenol
Concen: 120.905 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF098169.D
Acq: 30 Aug 2017 21:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.0	69.0
63	29.0	23.4	35.0





#7

Phenol-d6

Concen: 121.636 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098169.D

Acq: 30 Aug 2017 21:30

Instrument :

BNA_F

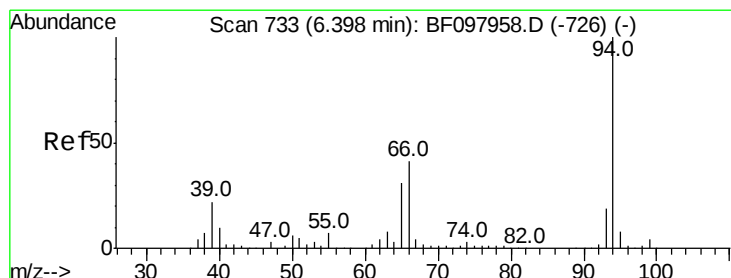
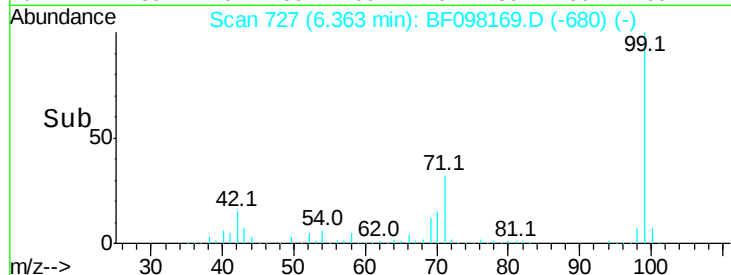
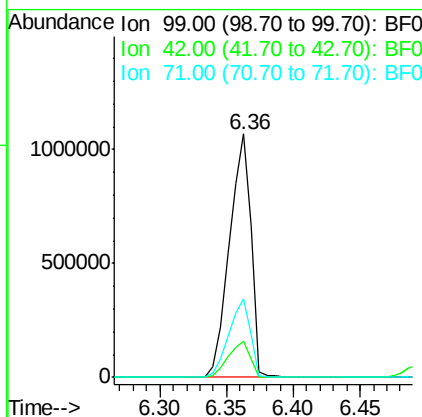
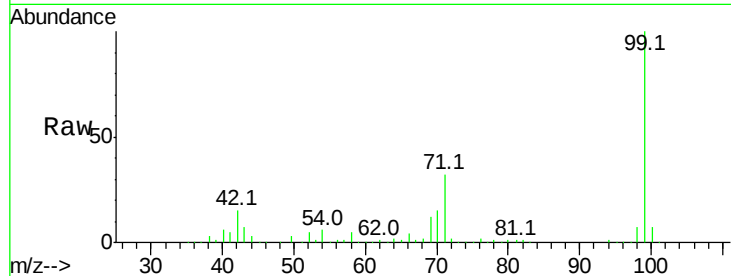
ClientSampled :

H26-WC1

Tot Ion:	99	Resp:	1223817
Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.5	20.3
71	32.1	24.5	36.7

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#10

Phenol

Concen: 4.196 ng

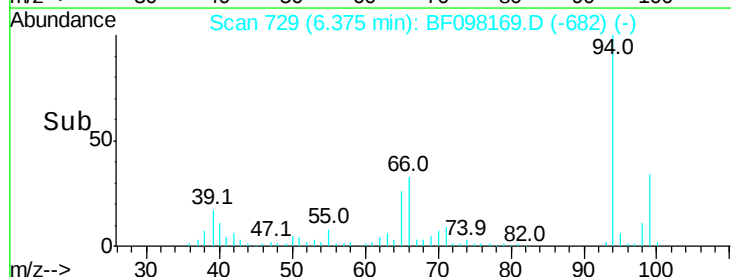
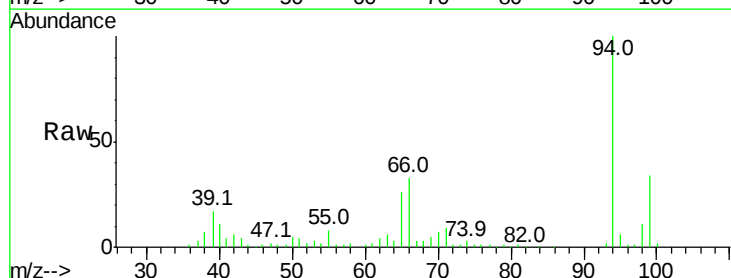
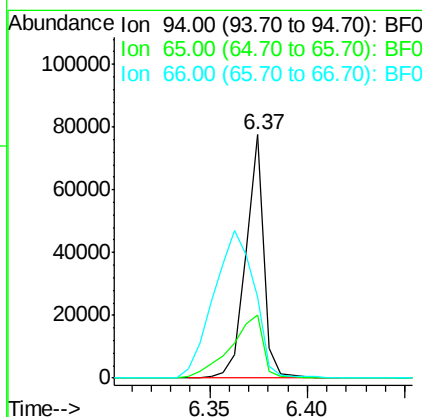
RT: 6.37 min Scan# 729

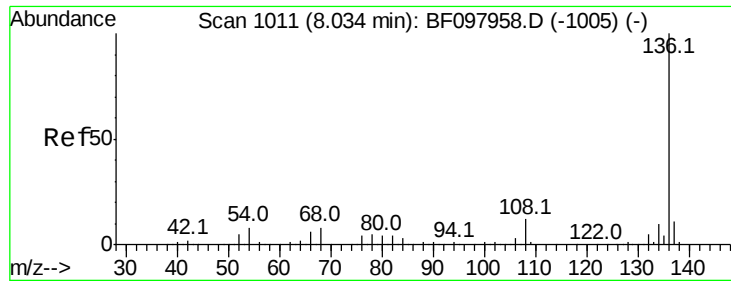
Delta R.T. -0.02 min

Lab File: BF098169.D

Acq: 30 Aug 2017 21:30

Tgt Ion:	94	Resp:	49374
Ion	Ratio	Lower	Upper
94	100		
65	25.9	9.9	49.9
66	33.2	23.1	63.1





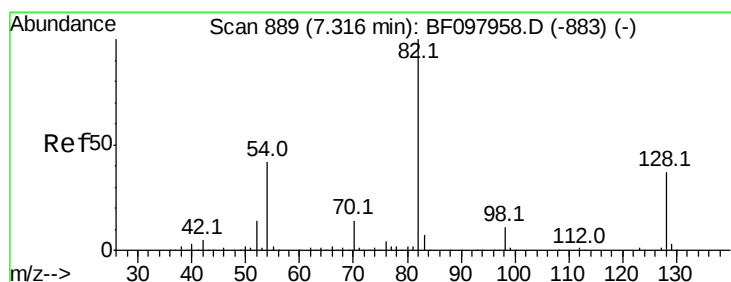
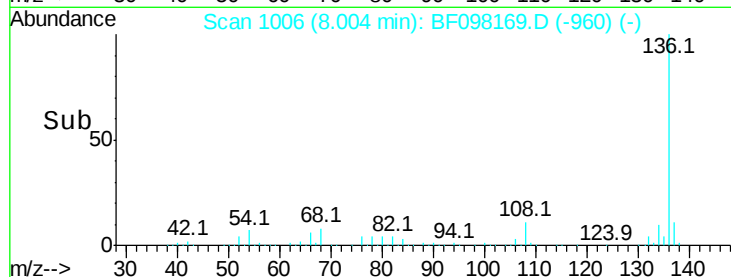
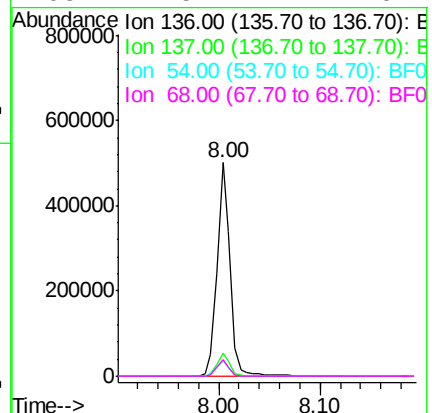
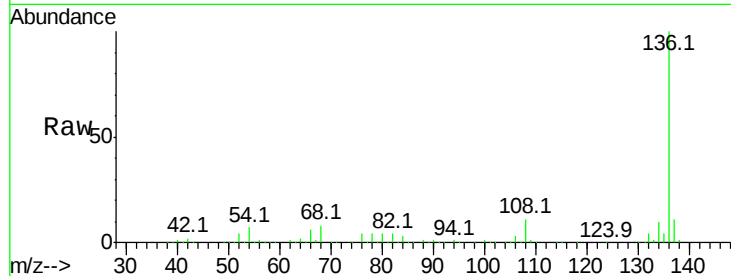
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF098169.D
Acq: 30 Aug 2017 21:30

Instrument :
BNA_F
ClientSampleId :
H26-WC1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.4	4.9	7.3#	
68	7.5	4.1	6.1#	

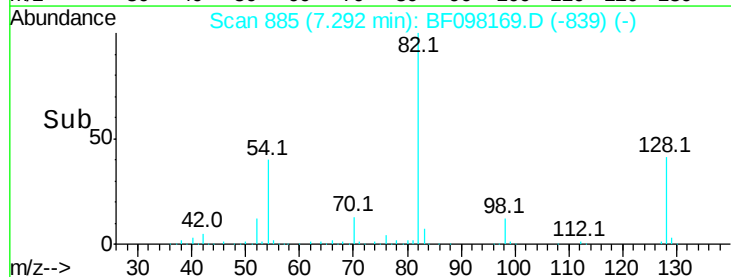
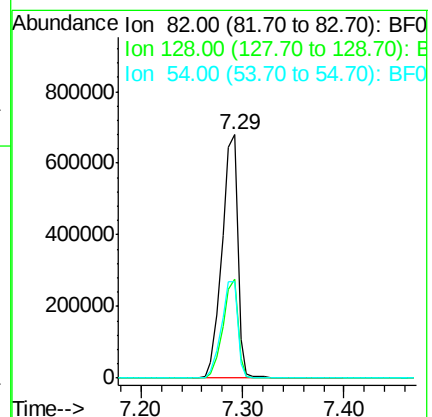
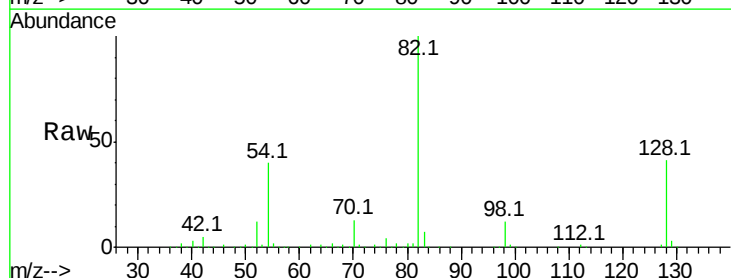
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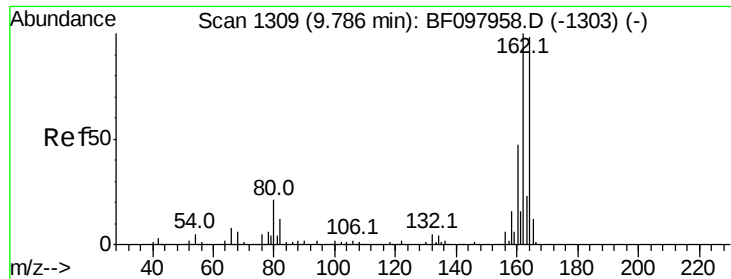
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#23
Nitrobenzene-d5
Concen: 90.573 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF098169.D
Acq: 30 Aug 2017 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.7	34.0	51.0	
54	39.7	42.2	63.2#	





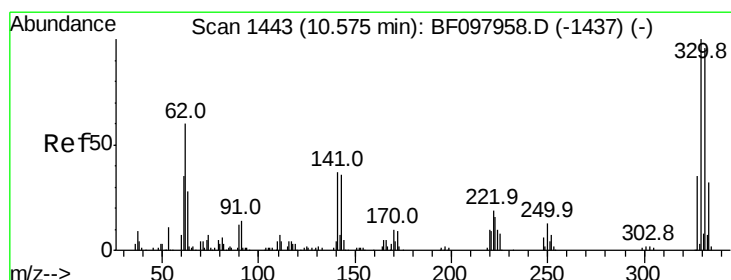
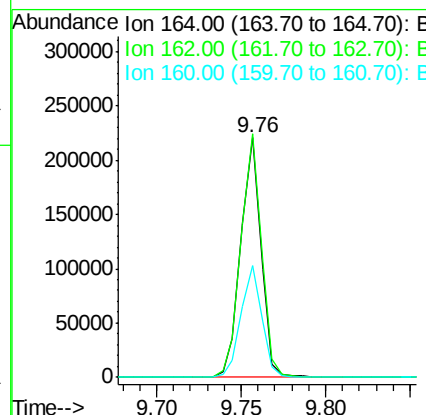
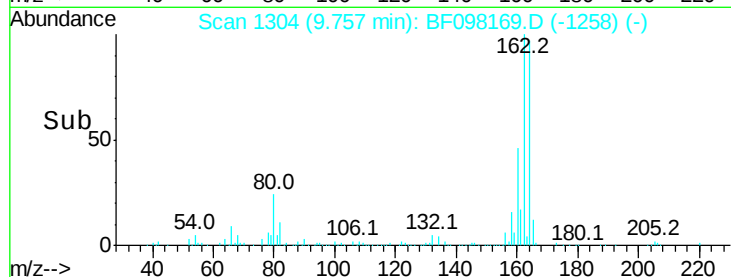
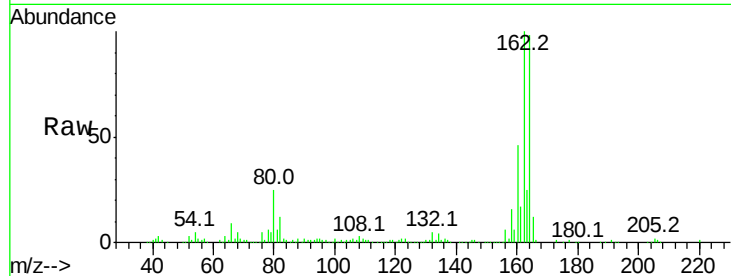
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF098169.D
Acq: 30 Aug 2017 21:30

Instrument :
BNA_F
ClientSampleId :
H26-WC1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	82.6	123.8	
160	46.5	36.2	54.2	

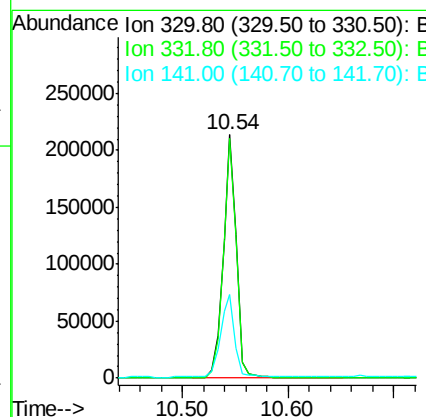
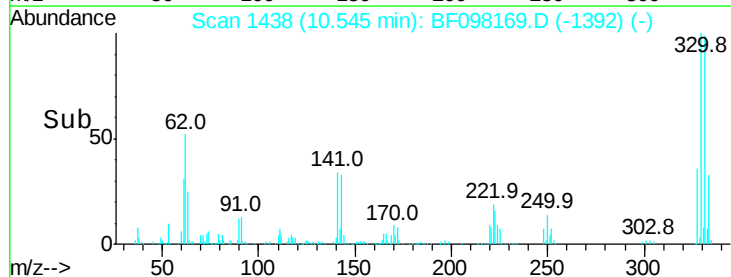
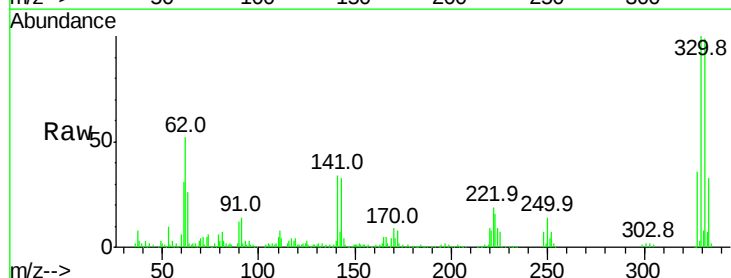
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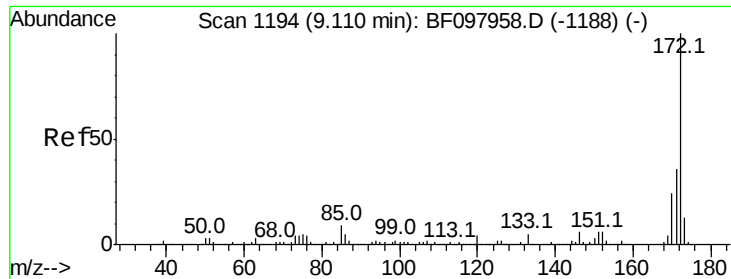
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#41
2,4,6-Tribromophenol
Concen: 117.432 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.03 min
Lab File: BF098169.D
Acq: 30 Aug 2017 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.3	76.6	115.0	
141	36.7	31.4	47.2	





#44

2-Fluorobiphenyl

Concen: 82.766 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BF098169.D

Acq: 30 Aug 2017 21:30

Instrument :

BNA_F

ClientSampled :

H26-WC1

Tot Ion:172 Resp: 1039671

Ion Ratio Lower Upper

172 100

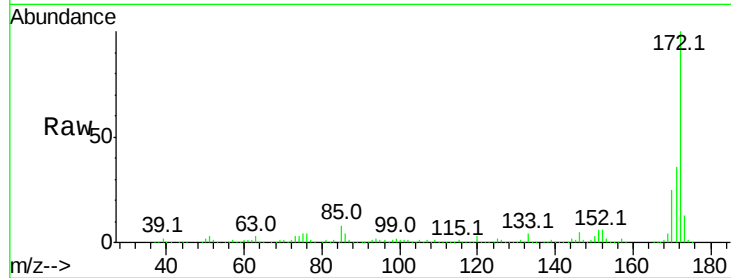
171 36.4 29.6 44.4

170 24.6 19.8 29.8

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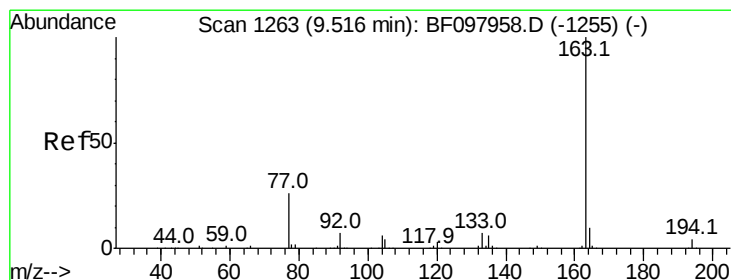
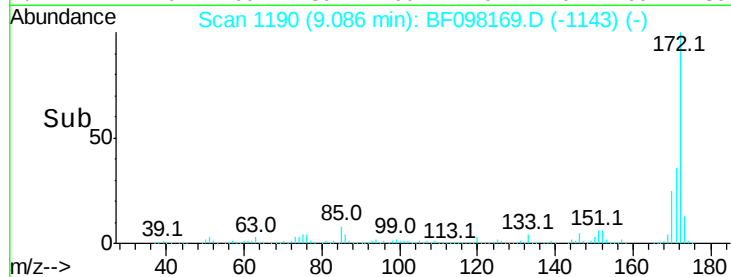
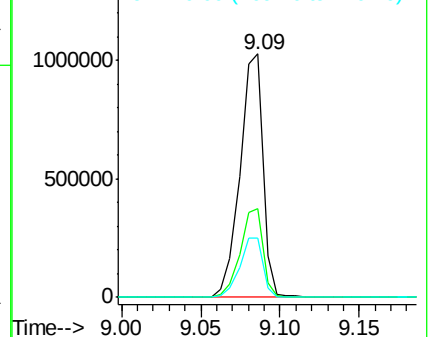
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 19.170 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BF098169.D

Acq: 30 Aug 2017 21:30

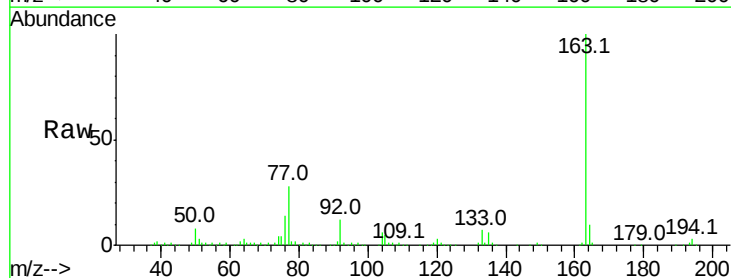
Tgt Ion:163 Resp: 258615

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

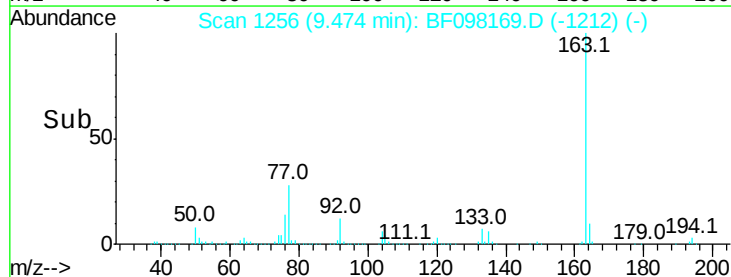
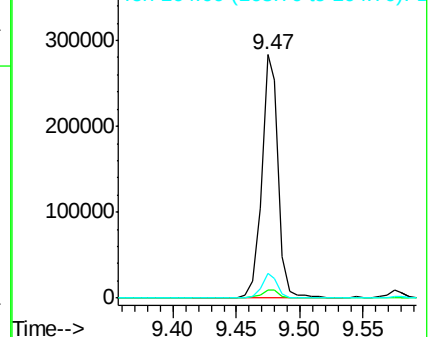
164 10.3 8.4 12.6

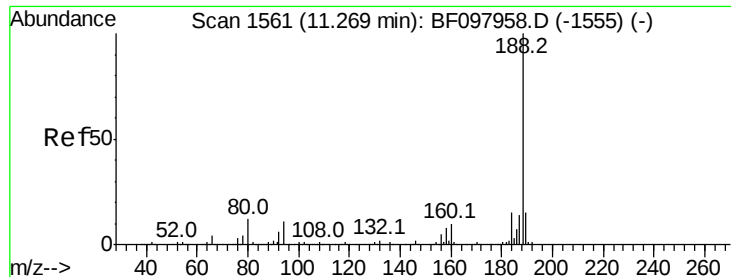


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





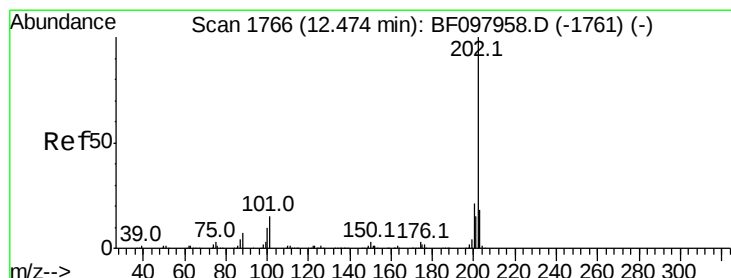
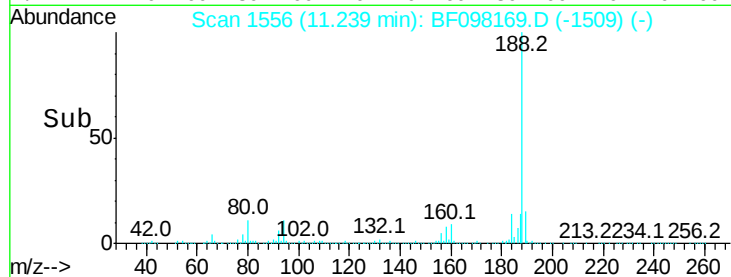
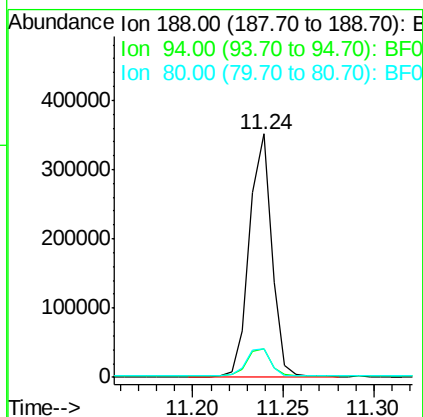
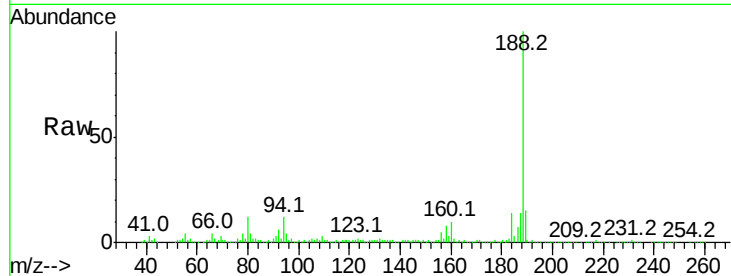
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098169.D
Acq: 30 Aug 2017 21:30

Instrument :
BNA_F
ClientSampleId :
H26-WC1

Tot Ion:	188	Resp:	301897
Ion Ratio	Lower	Upper	
188	100		
94	11.6	9.4	14.2
80	12.0	10.2	15.2

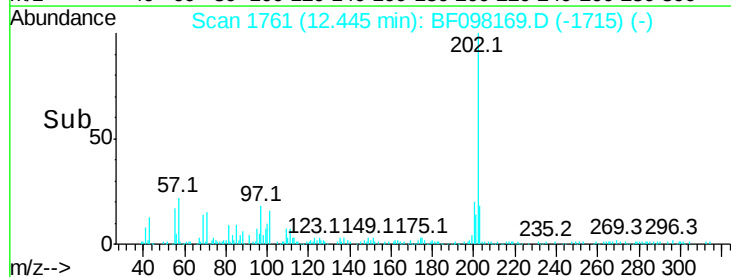
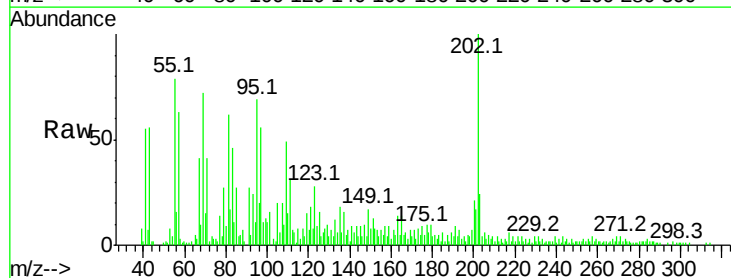
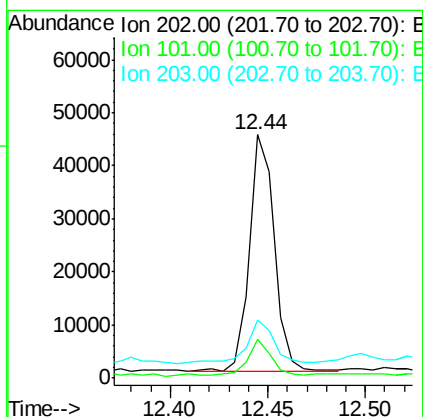
Manual Integrations
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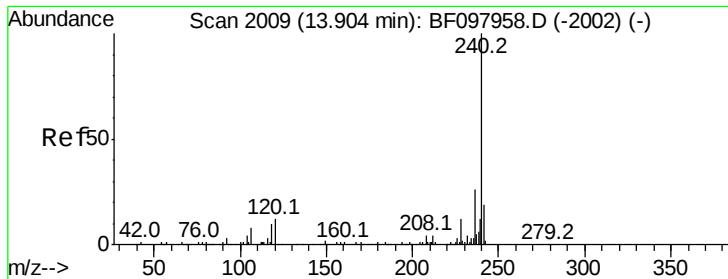
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#74
Fluoranthene
Concen: 2.319 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.03 min
Lab File: BF098169.D
Acq: 30 Aug 2017 21:30

Tgt Ion:	202	Resp:	38936
Ion Ratio	Lower	Upper	
202	100		
101	15.9	0.0	33.2
203	23.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF098169.D

Acq: 30 Aug 2017 21:30

Instrument :

BNA_F

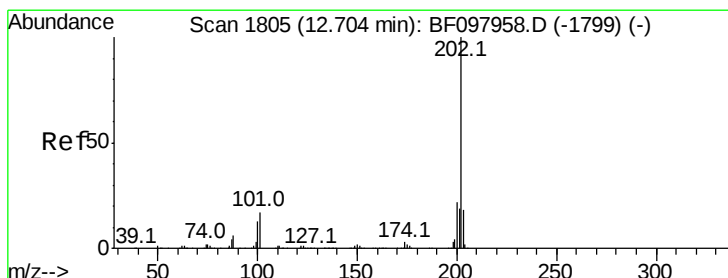
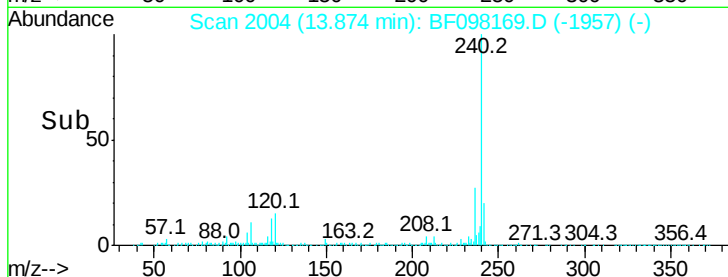
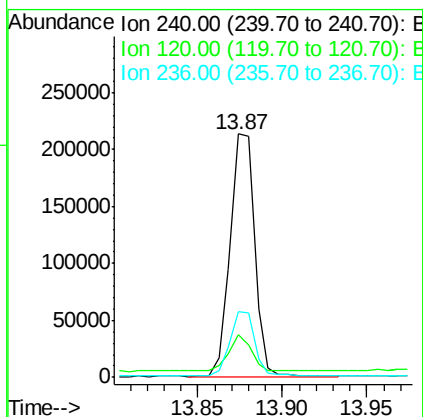
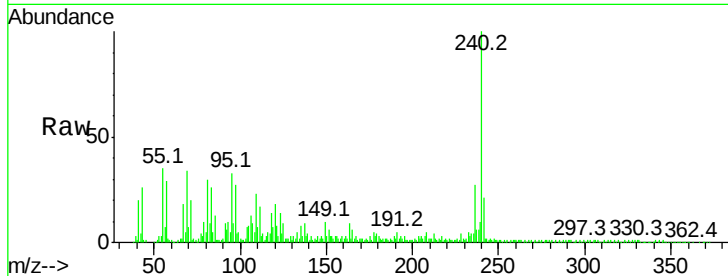
ClientSampleId :

H26-WC1

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.6	5.8	8.8#
236	27.1	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 2.092 ng

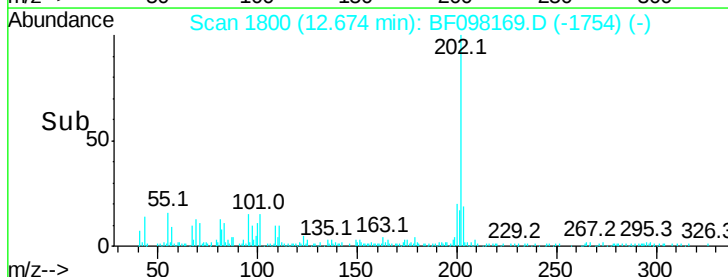
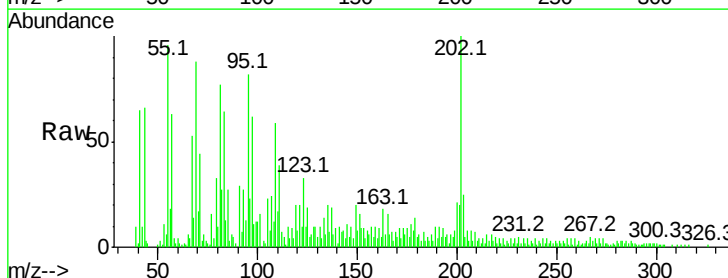
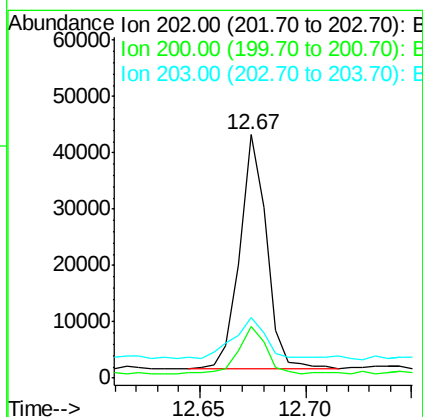
RT: 12.67 min Scan# 1800

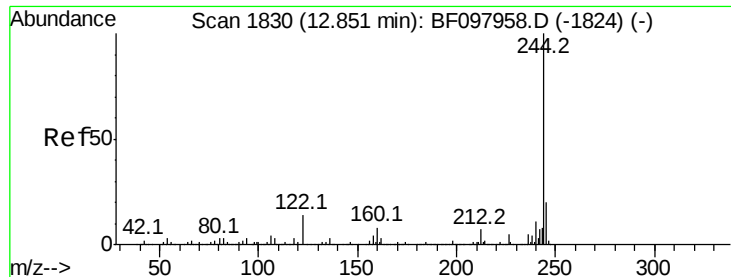
Delta R.T. -0.03 min

Lab File: BF098169.D

Acq: 30 Aug 2017 21:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	24.8	14.4	21.6#





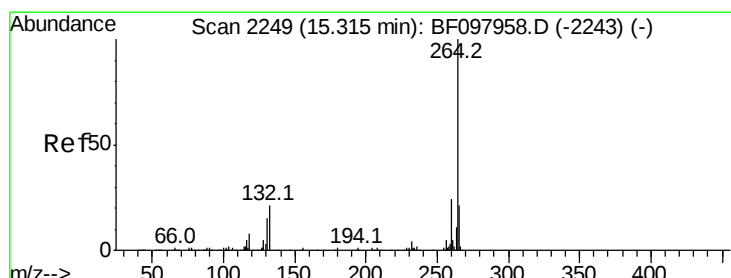
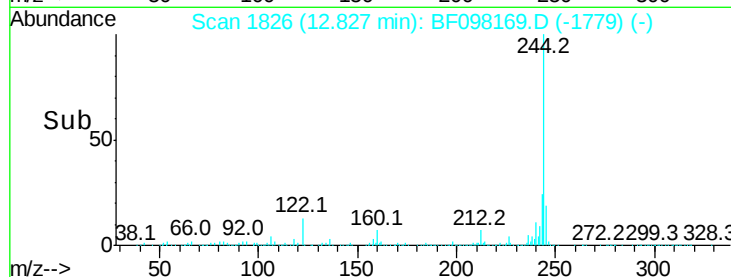
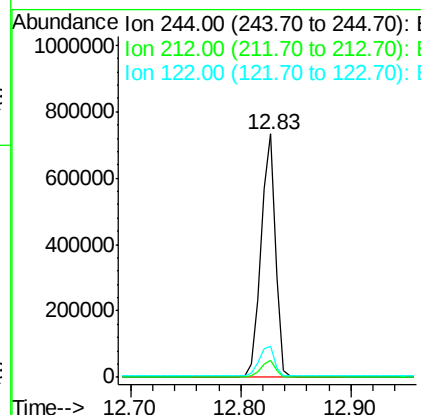
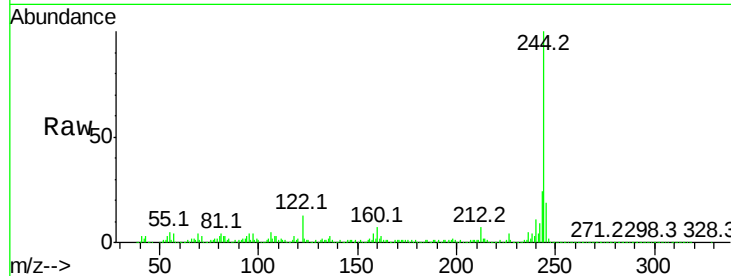
#78
 Terphenyl-d14
 Concen: 65.194 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF098169.D
 Acq: 30 Aug 2017 21:30

Instrument :
 BNA_F
 ClientSampled :
 H26-WC1

Tot Ion	Ratio	Resp	Lower	Upper
244	100	674584		
212	6.8		6.0	9.0
122	13.0		10.3	15.5

Manual Integrations
 APPROVED

Sohil
 8/31/2017 7:12:13 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF098169.D
 Acq: 30 Aug 2017 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	196558		
260	25.3		19.5	29.3
265	22.4		17.2	25.8

