

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098019.D
 Acq On : 24 Aug 2017 23:19
 Operator : SJ/JU
 Sample : I4920-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-A

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:40:16 PM

Quant Time: Aug 25 02:31:42 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	6.74	152	106801	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	415502	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	175992	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	301076	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	240606	20.00	ng	-0.02
86) Perylene-d12	15.30	264	197133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1015449	144.62	ng	0.00
7) Phenol-d6	6.37	99	1386159	145.30	ng	-0.01
23) Nitrobenzene-d5	7.30	82	832115	108.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	203073	132.99	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1090826	91.06	ng	-0.01
78) Terphenyl-d14	12.84	244	771377	66.86	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	32923	2.951	ng	94
49) Dimethylphthalate	9.49	163	183589	14.271	ng	98
70) Phenanthrene	11.27	178	37350	2.328	ng	98
74) Fluoranthene	12.46	202	52184	3.116	ng	98
77) Pyrene	12.69	202	49021	2.491	ng	96

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

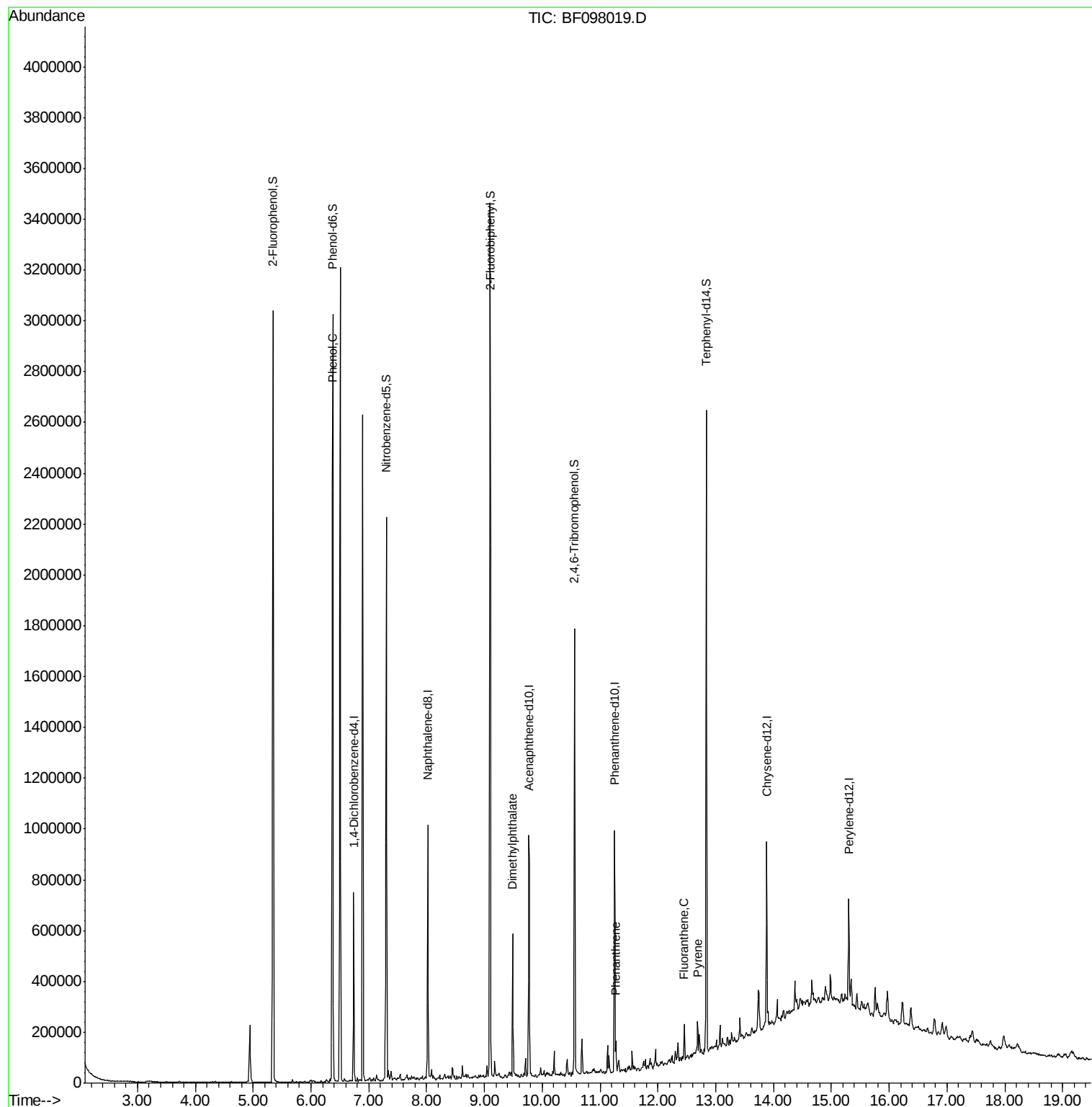
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098019.D
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ALS Vial : 20 Sample Multiplier: 1

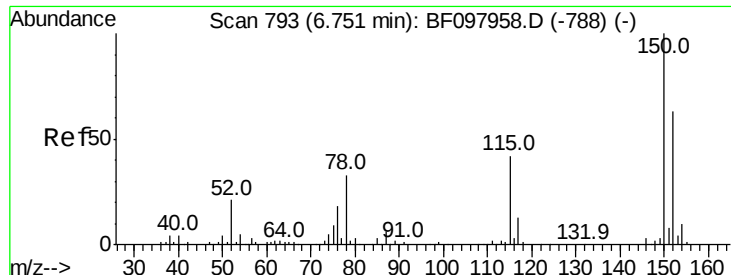
Instrument :
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#1

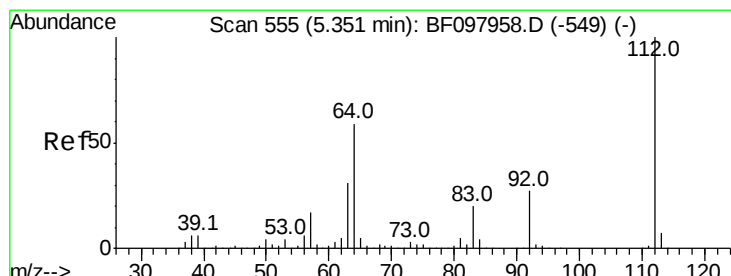
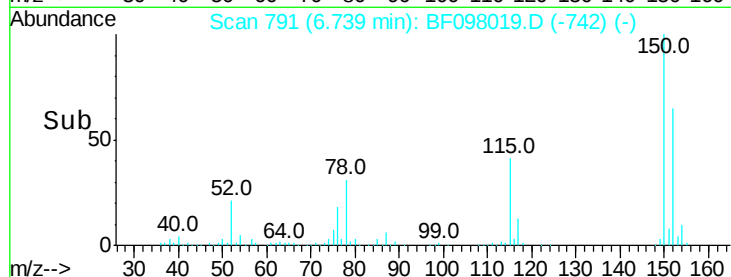
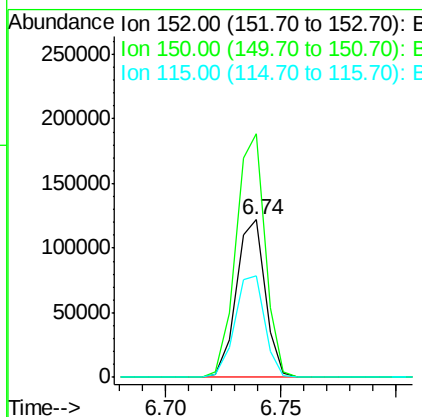
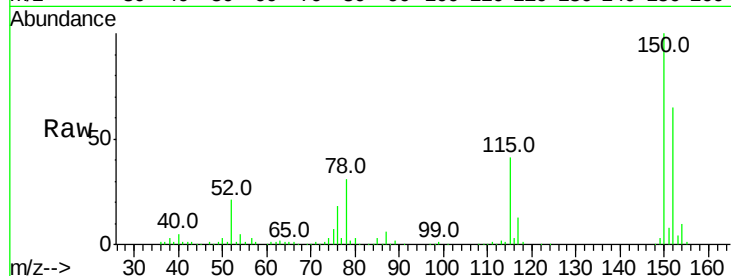
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098019.D
Acq: 24 Aug 2017 23:19

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	64.1	52.2	78.2

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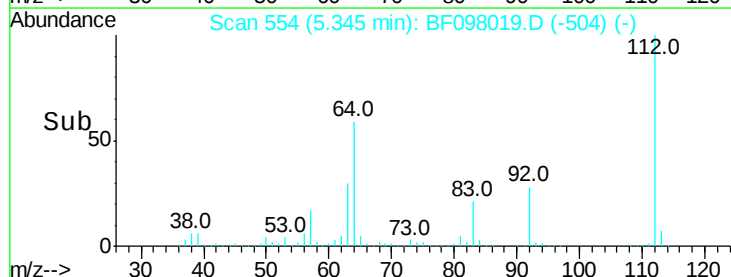
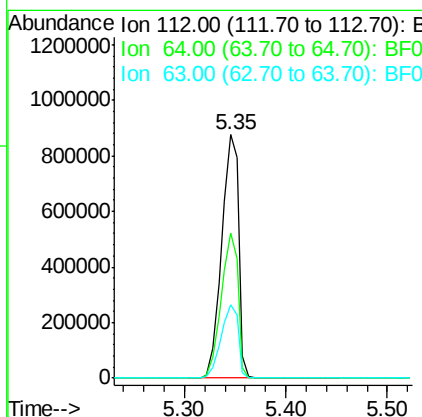
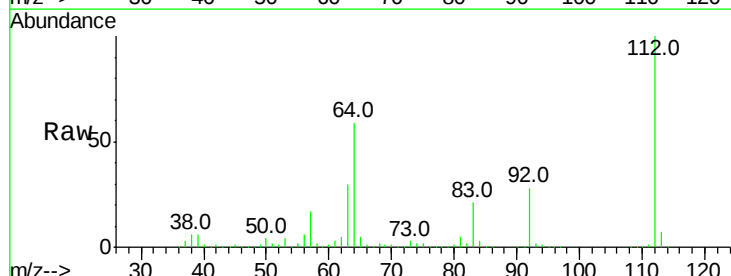
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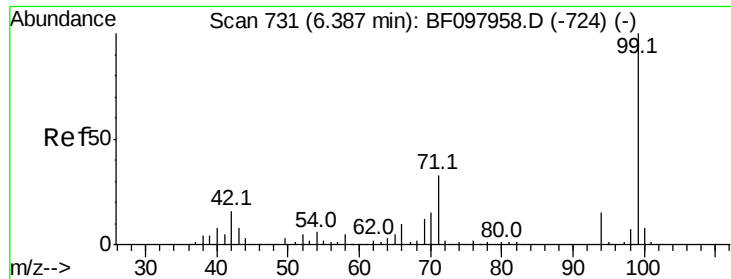


#5

2-Fluorophenol
Concen: 144.622 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098019.D
Acq: 24 Aug 2017 23:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.0	69.0
63	30.1	23.4	35.0





#7

Phenol-d6

Concen: 145.298 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098019.D

Acq: 24 Aug 2017 23:19

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-002-A

Tot Ion: 99 Resp: 1386159

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

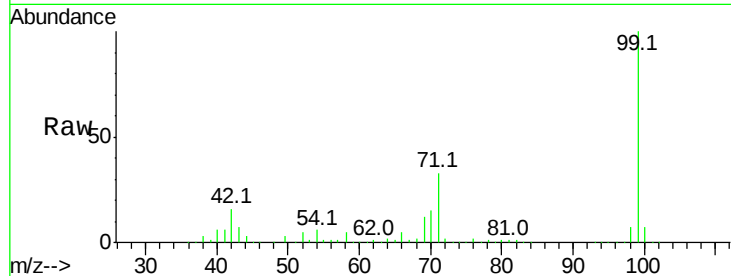
71 32.7 24.5 36.7

Manual Integrations

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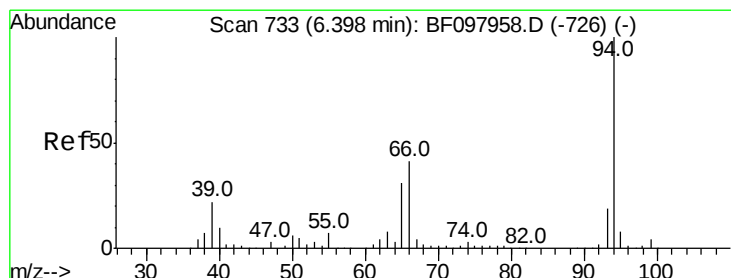
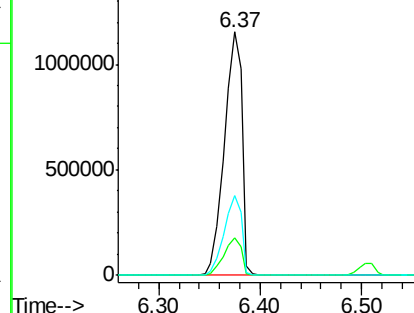
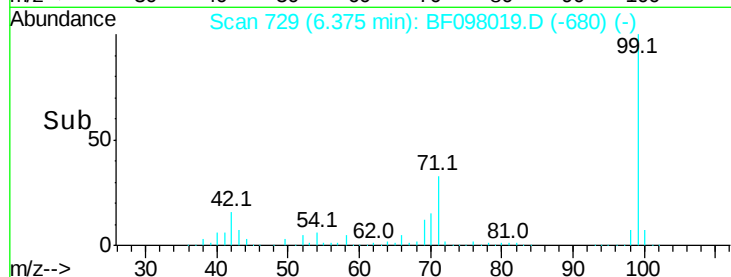
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.951 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098019.D

Acq: 24 Aug 2017 23:19

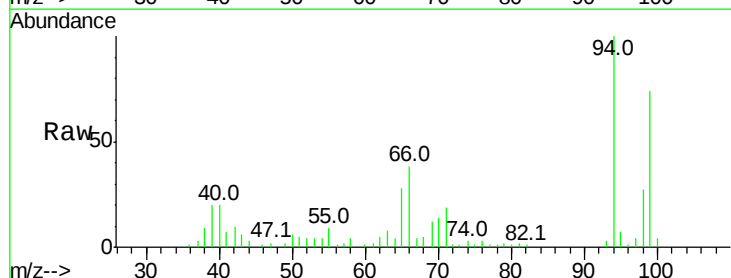
Tgt Ion: 94 Resp: 32923

Ion Ratio Lower Upper

94 100

65 28.3 9.9 49.9

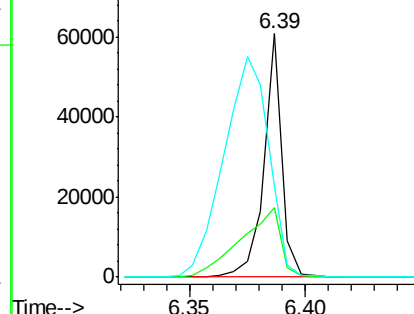
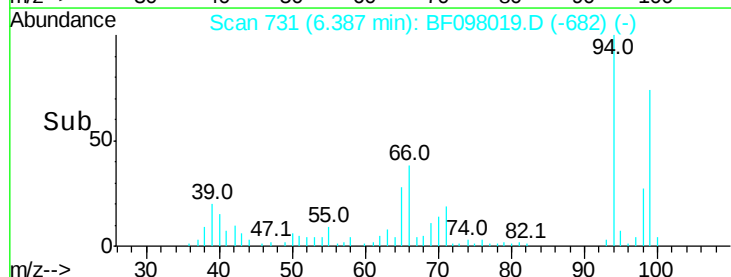
66 37.5 23.1 63.1

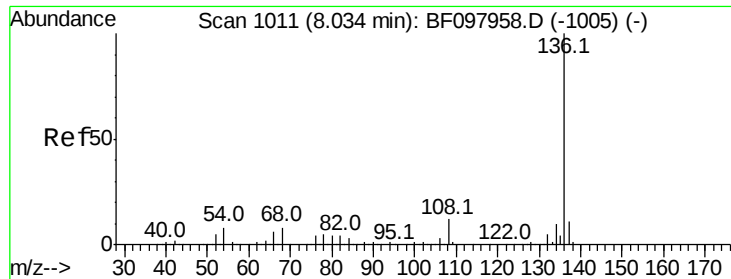


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





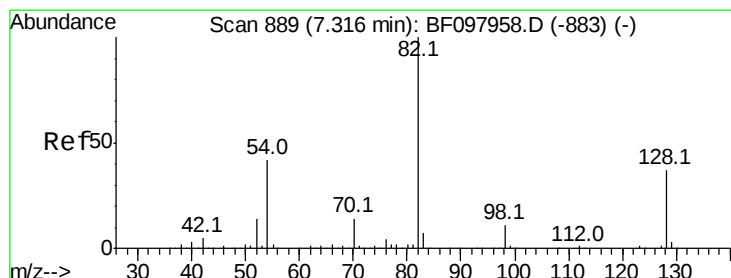
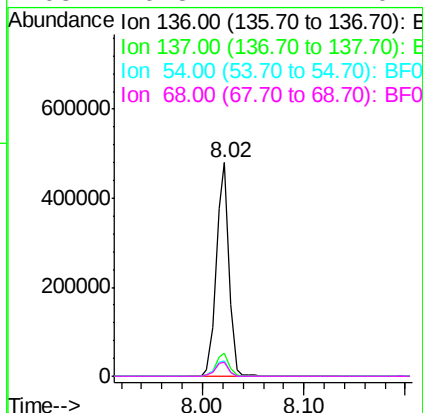
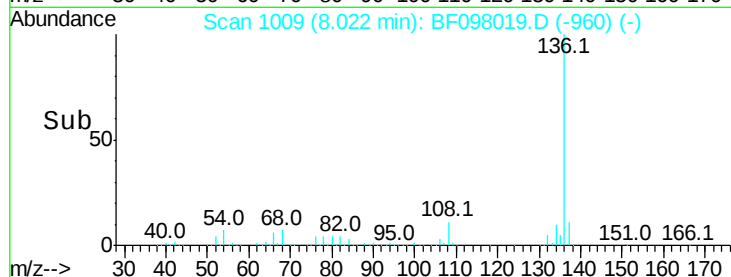
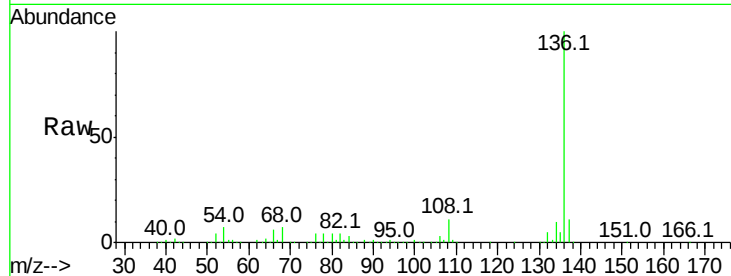
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098019.D
Acq: 24 Aug 2017 23:19

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	7.2	4.9	7.3	
68	6.8	4.1	6.1#	

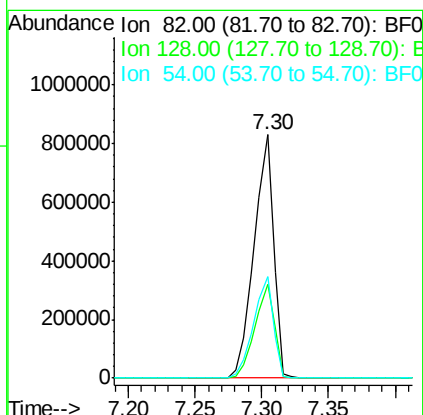
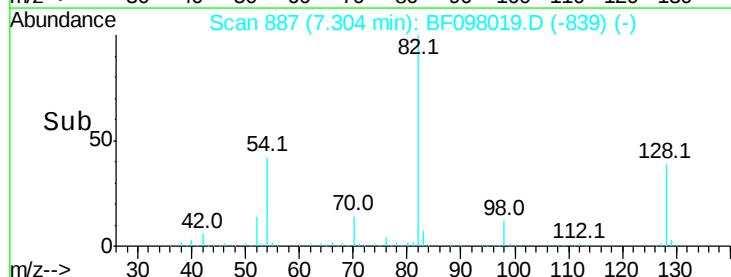
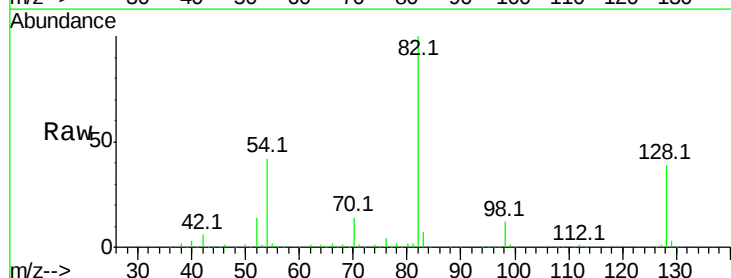
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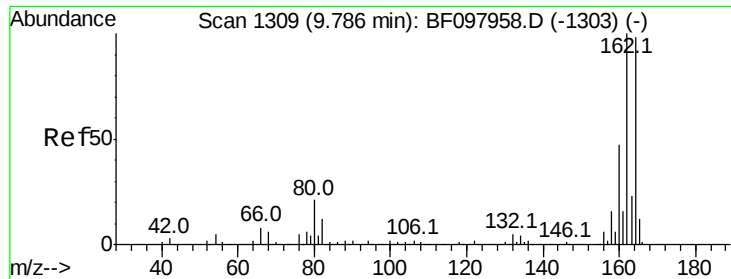
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#23
Nitrobenzene-d5
Concen: 108.794 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098019.D
Acq: 24 Aug 2017 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.7	34.0	51.0	
54	41.6	42.2	63.2#	





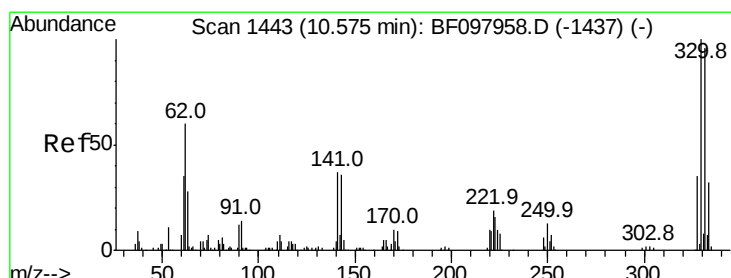
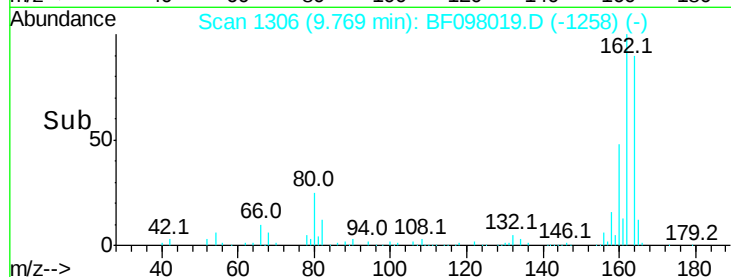
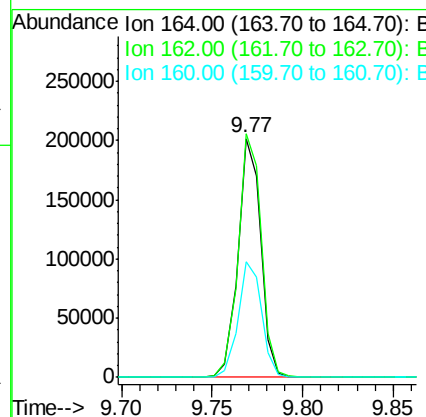
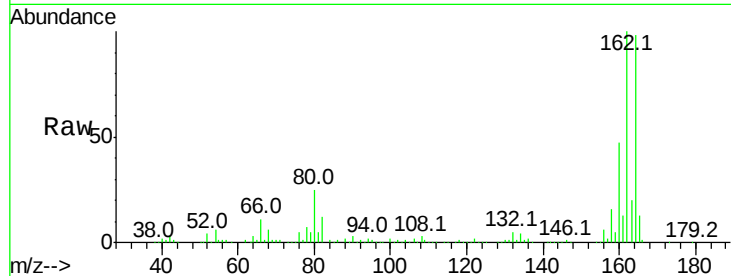
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098019.D
 Acq: 24 Aug 2017 23:19

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	82.6	123.8	
160	48.3	36.2	54.2	

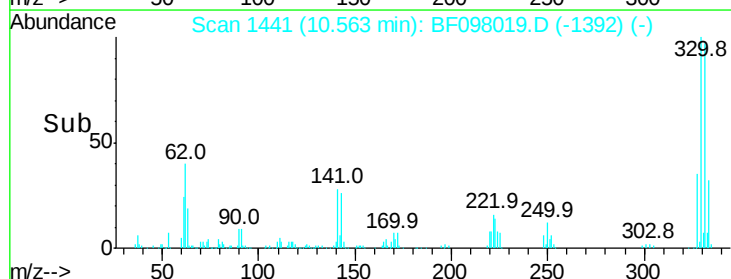
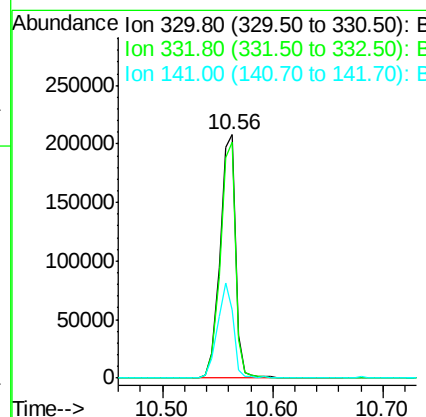
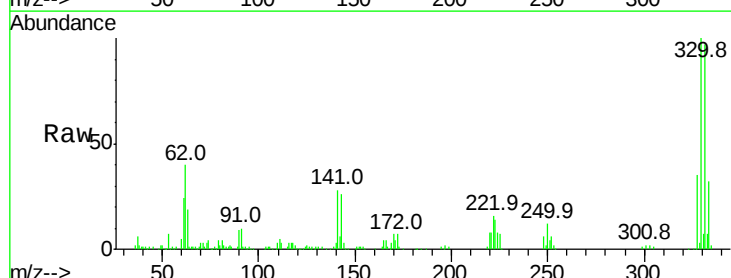
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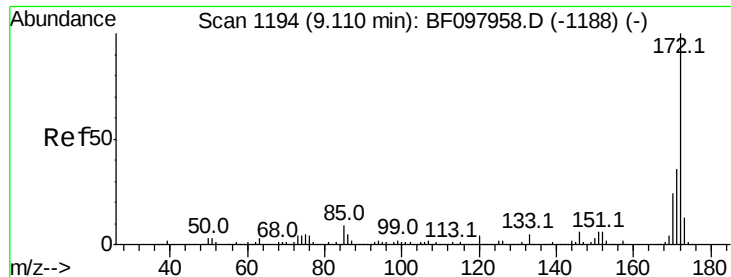
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#41
 2,4,6-Tribromophenol
 Concen: 132.987 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098019.D
 Acq: 24 Aug 2017 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	76.6	115.0	
141	39.5	31.4	47.2	





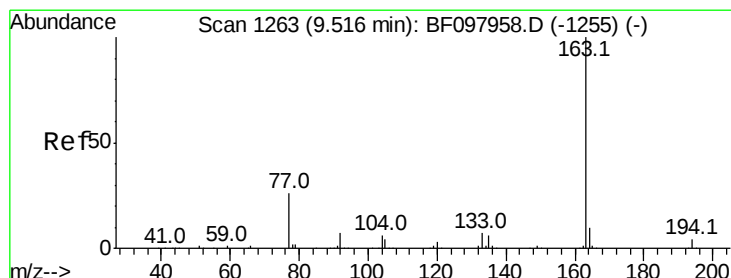
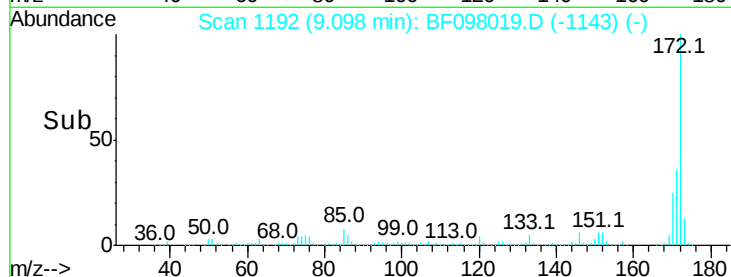
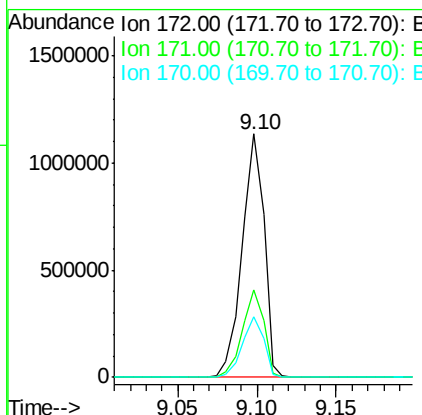
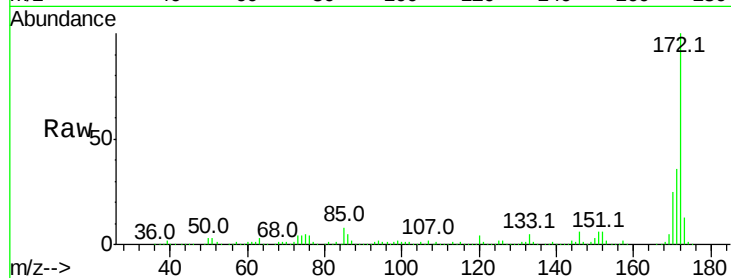
#44
2-Fluorobiphenyl
Concen: 91.064 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098019.D
Acq: 24 Aug 2017 23:19

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	25.0	19.8	29.8

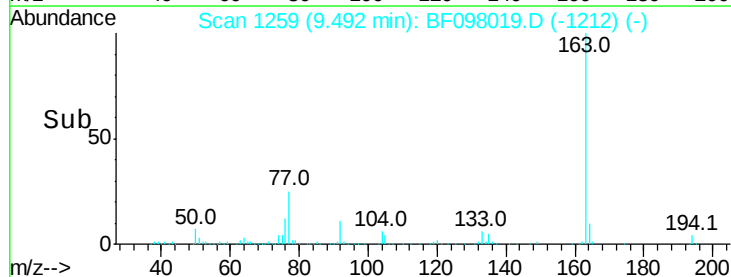
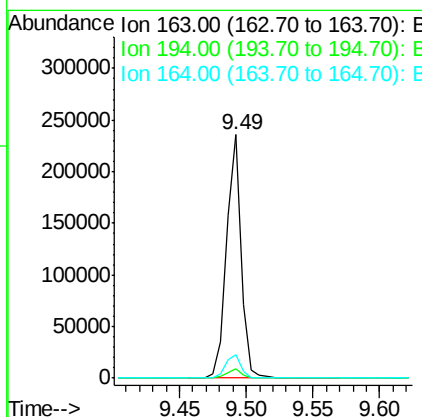
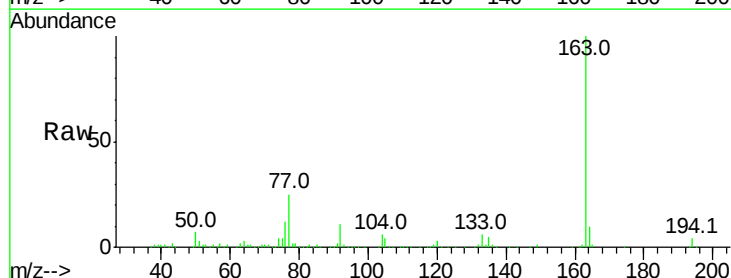
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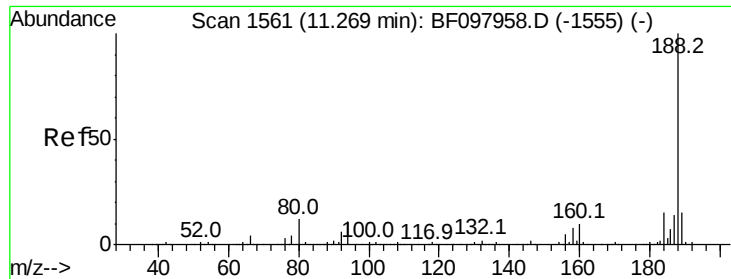
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#49
Dimethylphthalate
Concen: 14.271 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098019.D
Acq: 24 Aug 2017 23:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.7	8.4	12.6





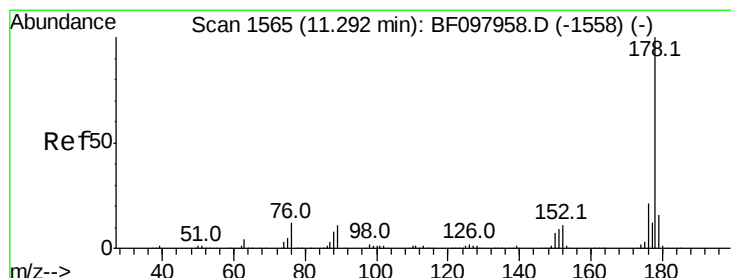
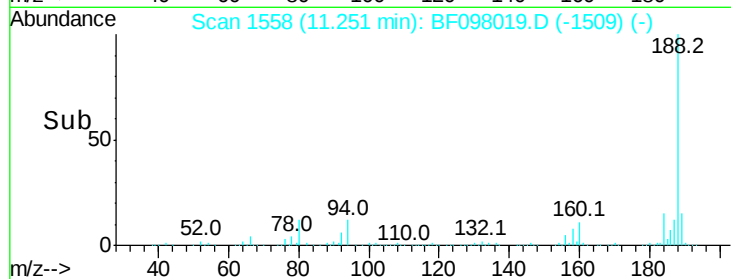
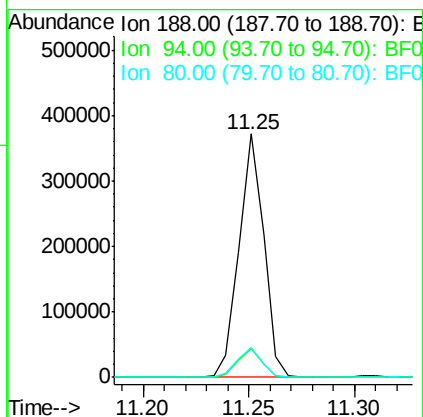
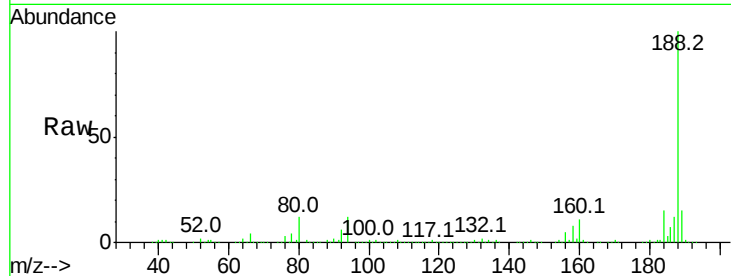
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098019.D
Acq: 24 Aug 2017 23:19

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.1	10.2	15.2

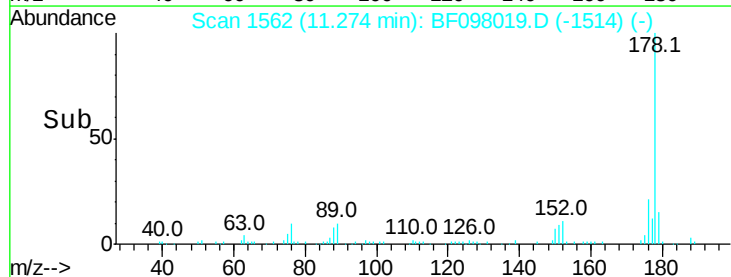
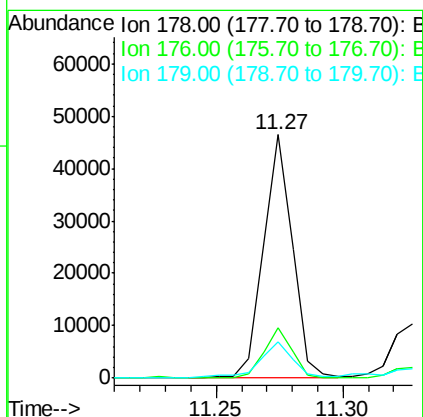
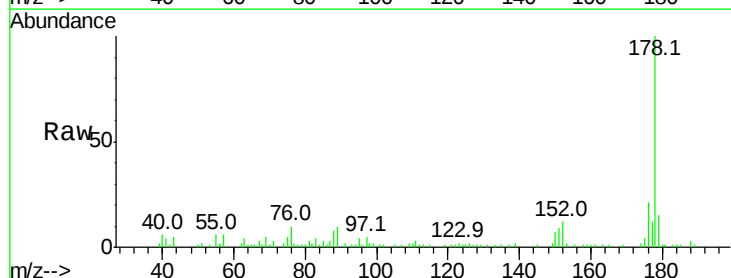
Manual Integrations
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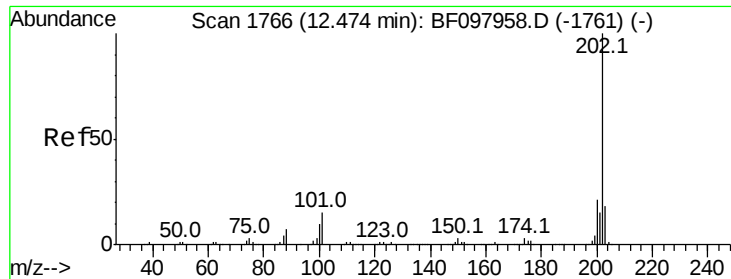
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#70
Phenanthrene
Concen: 2.328 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF098019.D
Acq: 24 Aug 2017 23:19

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.7	16.2	24.4
179	14.8	12.6	19.0





#74

Fluoranthene

Concen: 3.116 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF098019.D

Acq: 24 Aug 2017 23:19

Instrument :

BNA_F

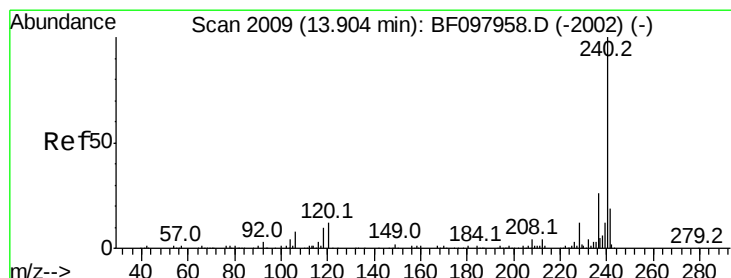
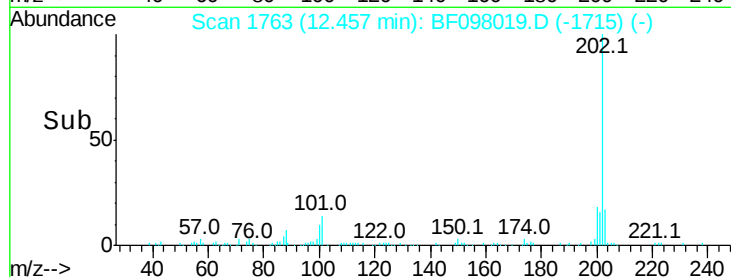
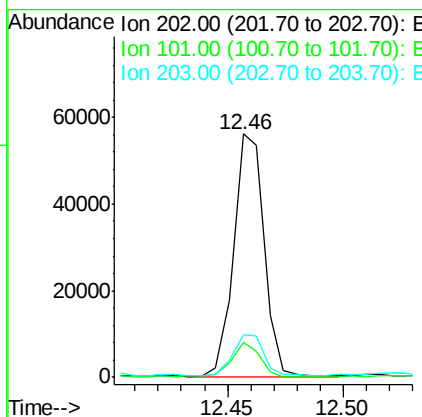
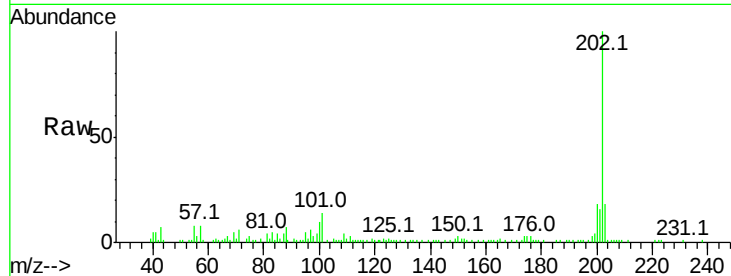
ClientSampleId :

FK-SF-03-002-A

Tot Ion:	202	Resp:	52184
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	33.2
203	17.5	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

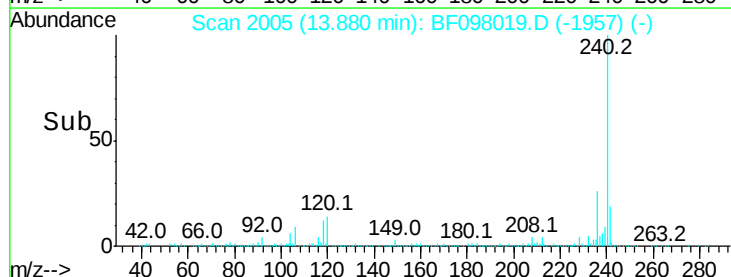
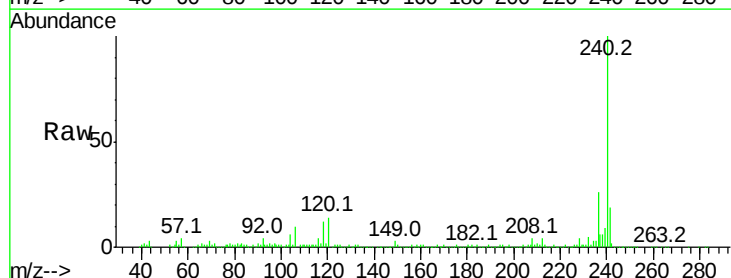
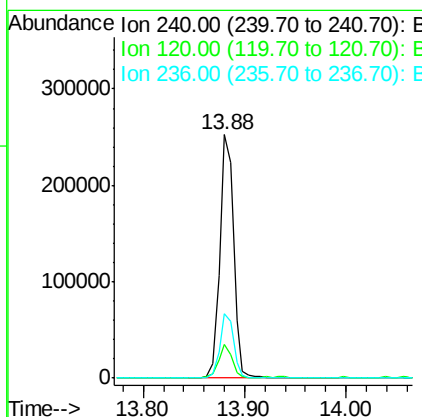
RT: 13.88 min Scan# 2005

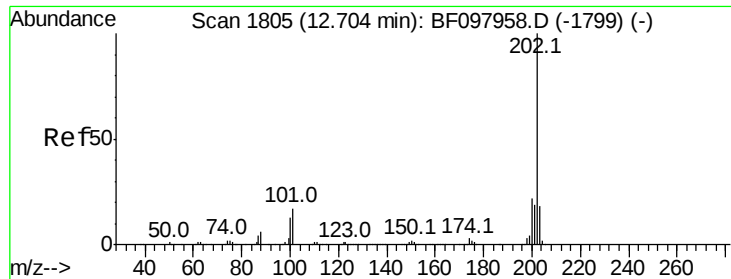
Delta R.T. -0.02 min

Lab File: BF098019.D

Acq: 24 Aug 2017 23:19

Tgt Ion:	240	Resp:	240606
Ion Ratio	Lower	Upper	
240	100		
120	14.0	5.8	8.8#
236	26.3	20.5	30.7





#77

Pvrene

Concen: 2.491 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF098019.D

Acq: 24 Aug 2017 23:19

Instrument :

BNA_F

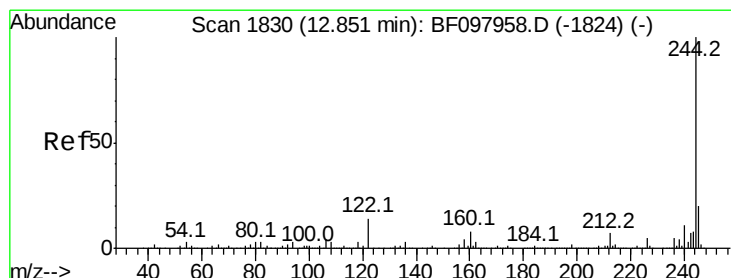
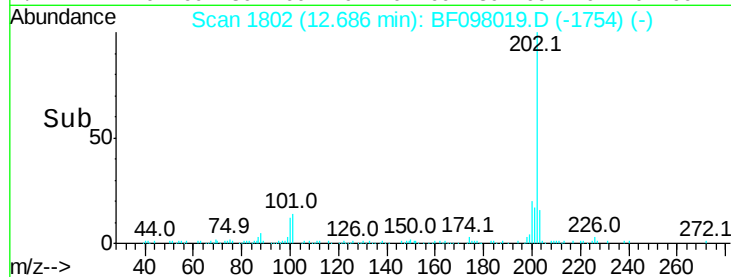
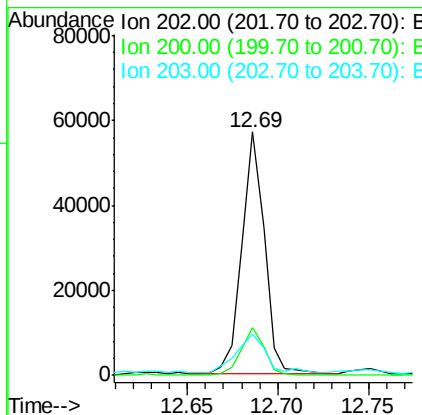
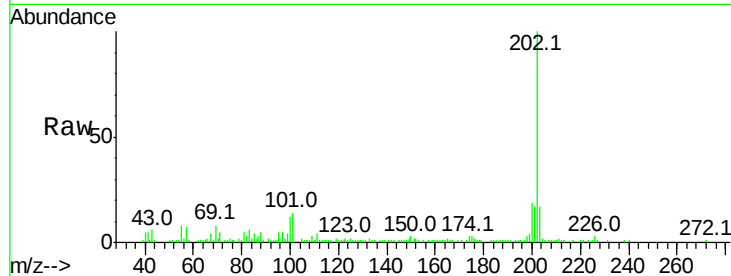
ClientSampleId :

FK-SF-03-002-A

Tot Ion:	202	Resp:	49021
Ion Ratio	Lower	Upper	
202	100		
200	19.4	17.6	26.4
203	17.0	14.4	21.6

Manual Integrations
APPROVED

Sohil
8/25/2017 5:40:16 PM



#78

Terphenyl-d14

Concen: 66.855 ng

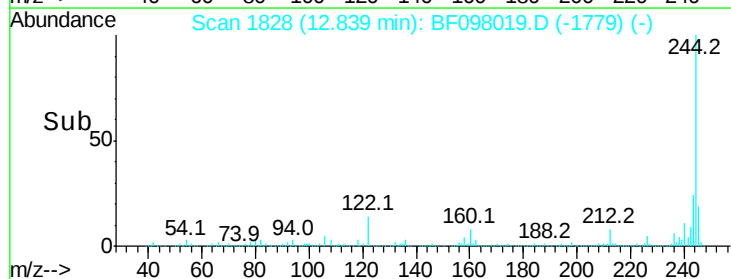
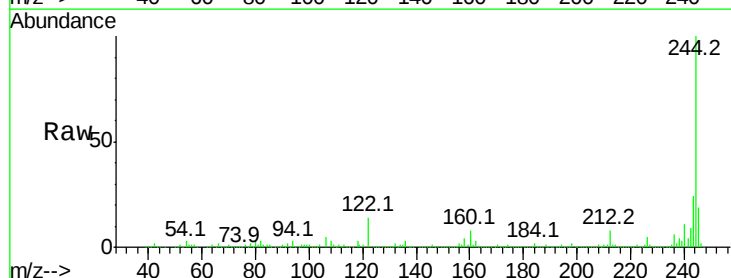
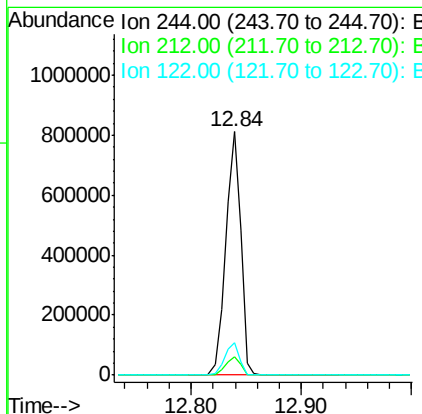
RT: 12.84 min Scan# 1828

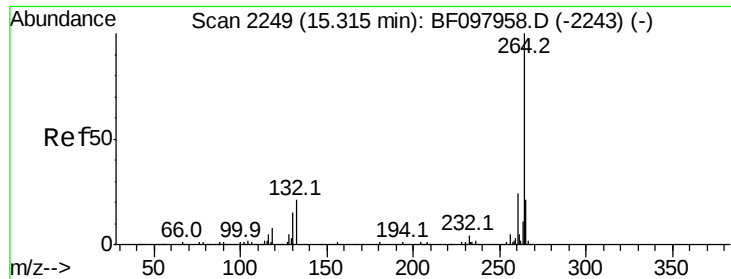
Delta R.T. -0.01 min

Lab File: BF098019.D

Acq: 24 Aug 2017 23:19

Tgt Ion:	244	Resp:	771377
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.0	9.0
122	13.6	10.3	15.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098019.D
Acq: 24 Aug 2017 23:19

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-A

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.4	17.2	25.8

Manual Integrations
APPROVED

Sohil
8/25/2017 5:40:16 PM

