

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097720.D
 Acq On : 16 Aug 2017 5:26
 Operator : SJ/JU
 Sample : I4751-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-COMP

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:45:39 PM

Quant Time: Aug 16 08:03:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	135211	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	530802	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	218381	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	344842	20.00	ng	0.00
75) Chrysene-d12	13.94	240	292715	20.00	ng	0.00
86) Perylene-d12	15.37	264	232656	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	569439	64.06	ng	0.00
7) Phenol-d6	6.41	99	937784	77.64	ng	0.00
23) Nitrobenzene-d5	7.35	82	572139	58.56	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	83052	43.83	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	731880	49.24	ng	0.00
78) Terphenyl-d14	12.90	244	424905	30.27	ng	0.00
Target Compounds						
10) Phenol	6.42	94	32500	2.301	ng	89
49) Dimethylphthalate	9.54	163	95700	5.995	ng	99
70) Phenanthrene	11.33	178	91829	4.997	ng	97
77) Pyrene	12.75	202	154745	6.464	ng	97
80) Benzo(a)anthracene	13.93	228	91169m	5.197	ng	
82) Chrysene	13.96	228	84619	4.849	ng	95
83) Bis(2-ethylhexyl)phthalate	13.93	149	20683	2.033	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.77	276	37565	2.926	ng	# 90
87) Benzo(b)fluoranthene	14.96	252	105094m	7.166	ng	
88) Benzo(k)fluoranthene	14.99	252	39103m	2.838	ng	
89) Benzo(a)pyrene	15.31	252	74332	5.726	ng	96
91) Benzo(a,h,i)perylene	17.19	276	38812	3.519	ng	92

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

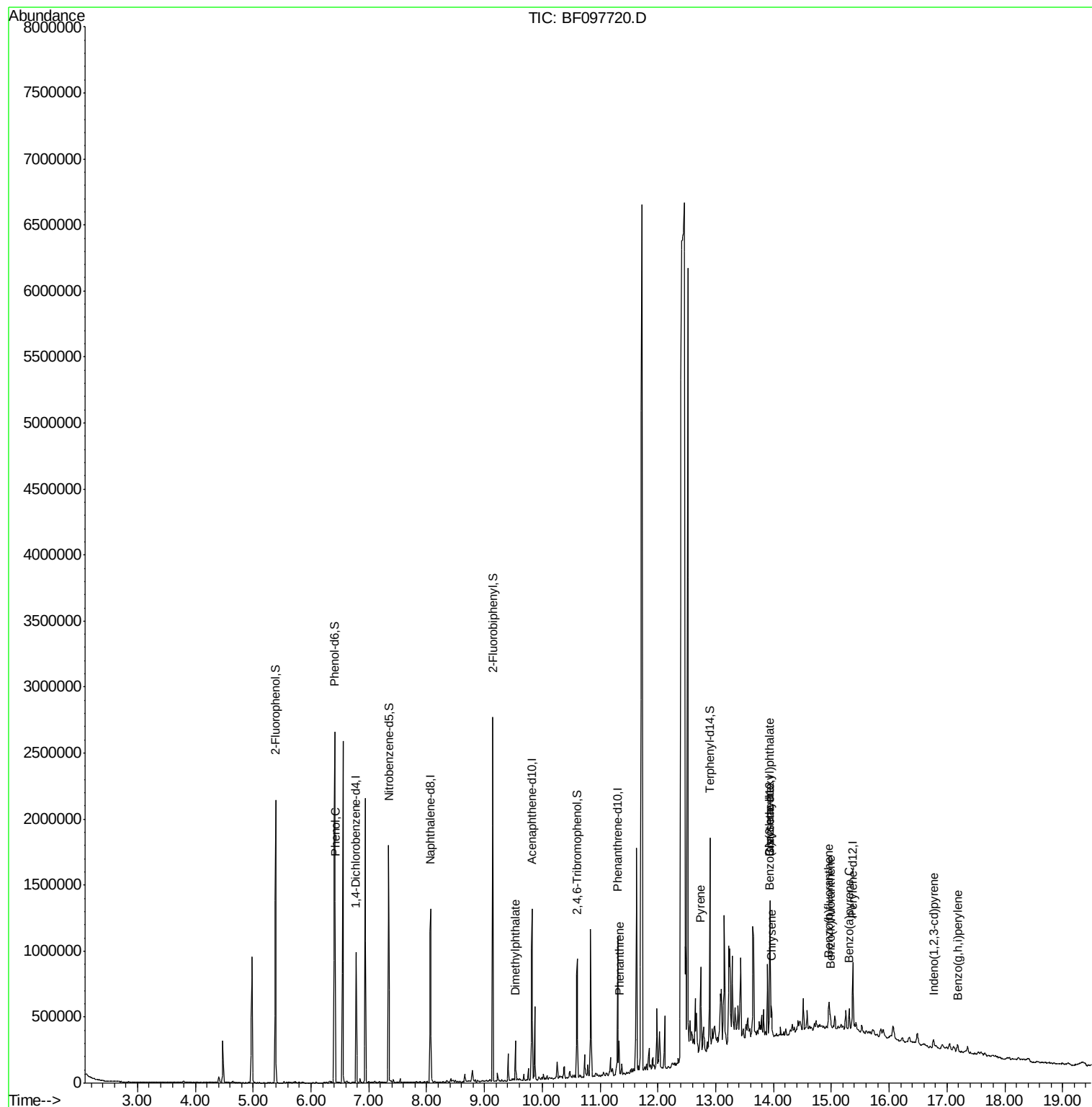
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097720.D
Acq On : 16 Aug 2017 5:26
Operator : SJ/JU
Sample : I4751-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

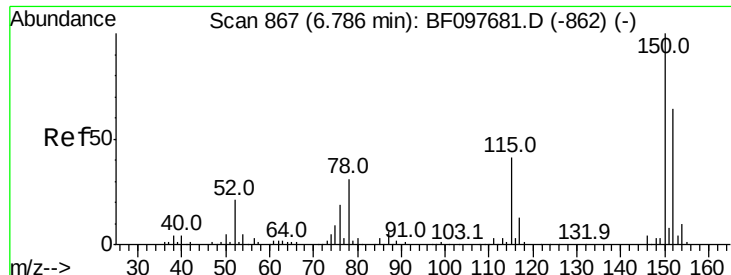
Instrument :
BNA_F
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SB-38-COMP

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

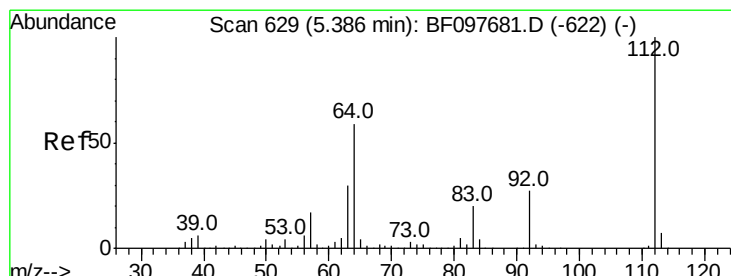
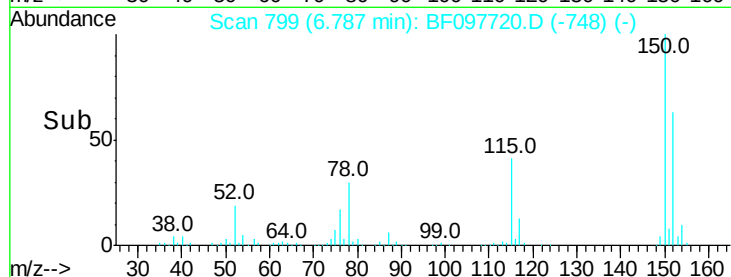
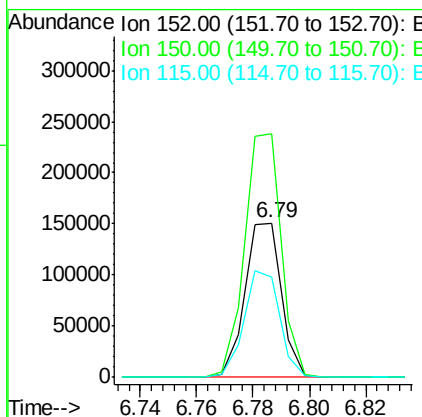
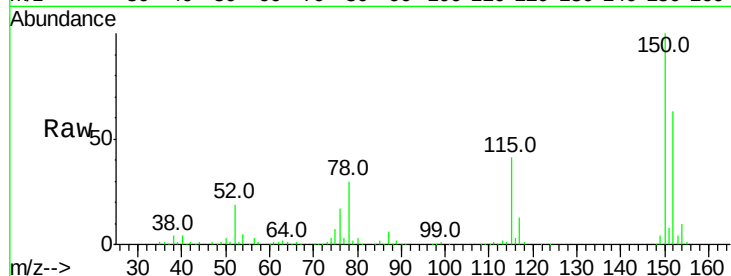
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Instrument :
BNA_F
ClientSampleId :
SB-38-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	64.6	52.2	78.2

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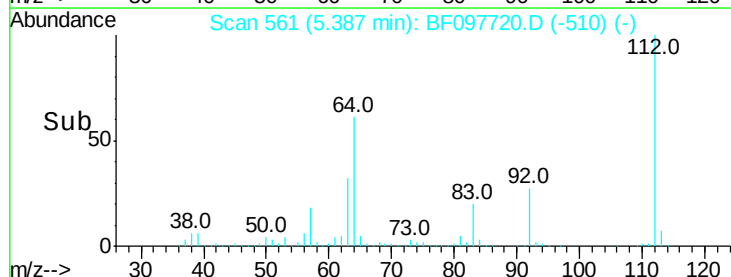
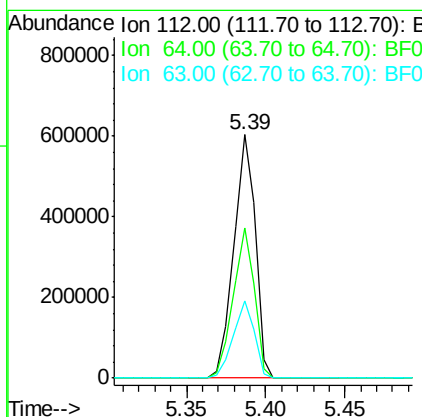
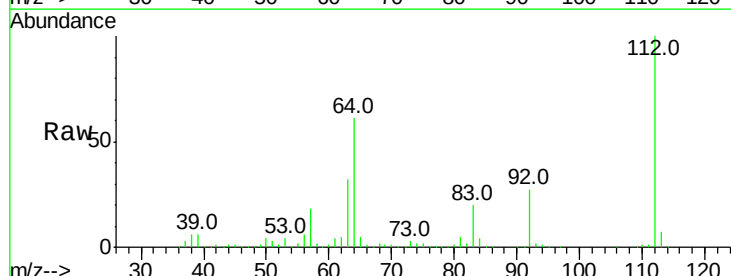
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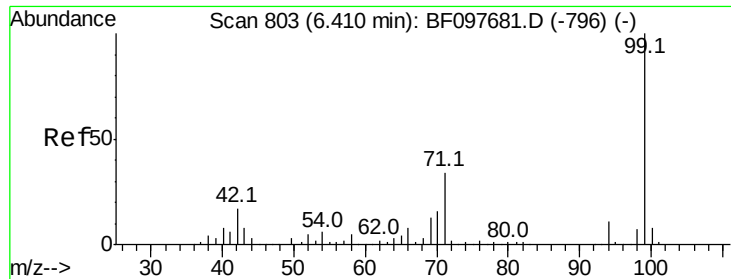


#5

2-Fluorophenol
Concen: 64.060 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.0	69.0
63	31.9	23.4	35.0





#7

Phenol-d6

Concen: 77.645 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097720.D

Acq: 16 Aug 2017 5:26

Instrument :

BNA_F

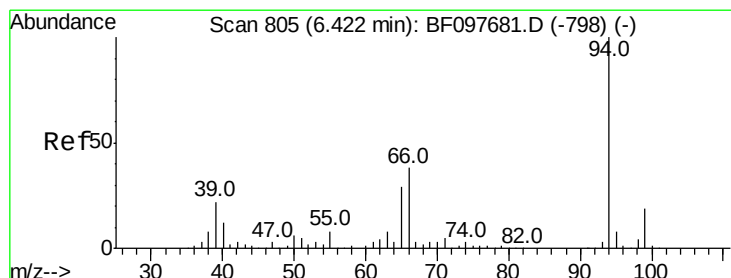
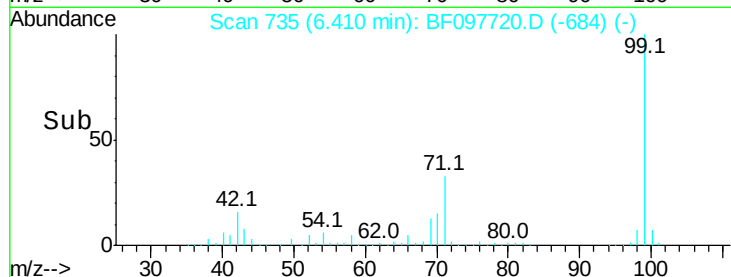
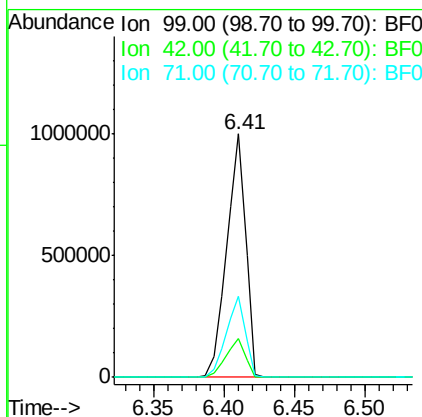
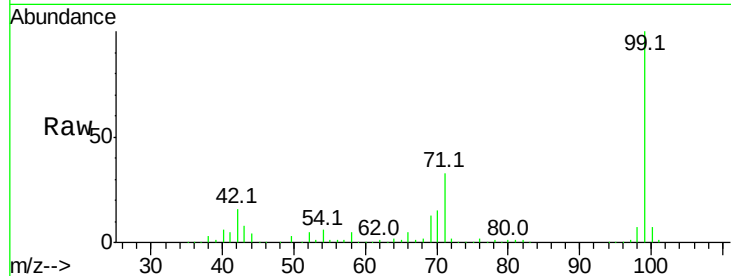
ClientSampled :

SB-38-COMP

Tot Ion	99	Resp	937784
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	33.3	24.5	36.7

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#10

Phenol

Concen: 2.301 ng

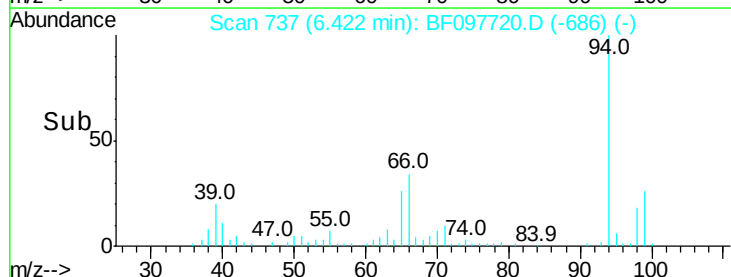
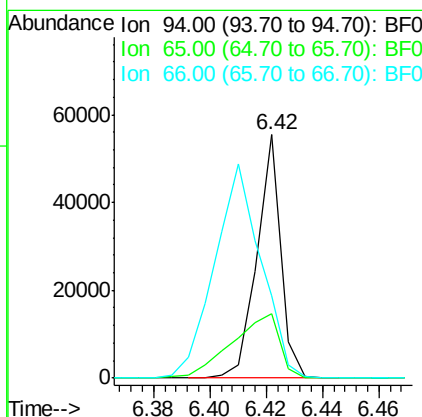
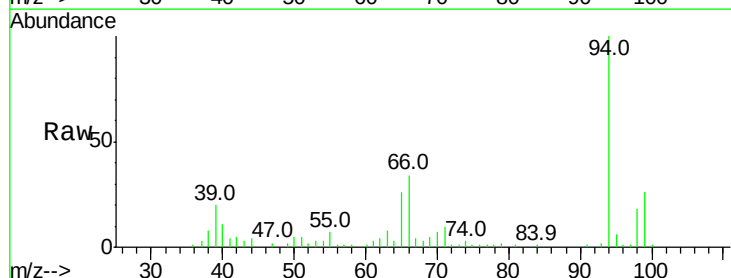
RT: 6.42 min Scan# 737

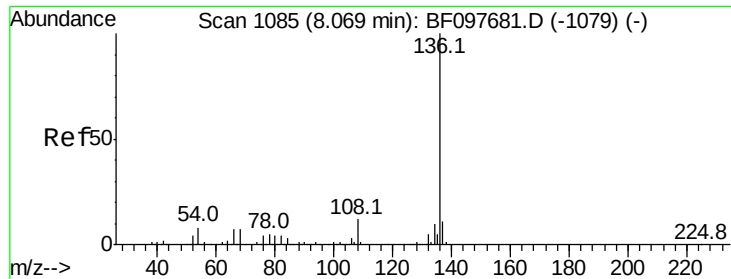
Delta R.T. 0.00 min

Lab File: BF097720.D

Acq: 16 Aug 2017 5:26

Tgt Ion	94	Resp	32500
Ion	Ratio	Lower	Upper
94	100		
65	26.4	9.9	49.9
66	33.6	23.1	63.1





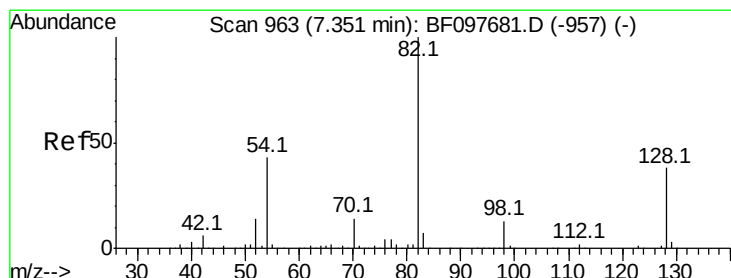
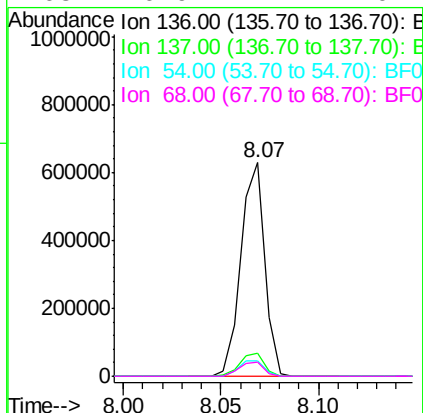
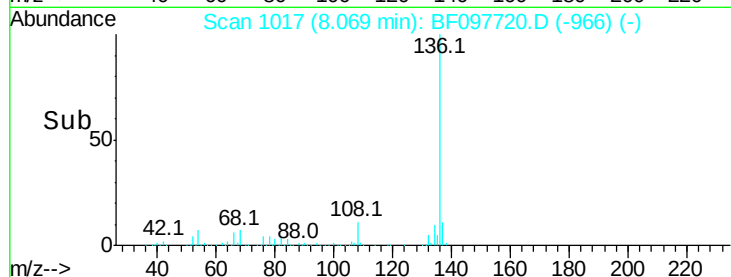
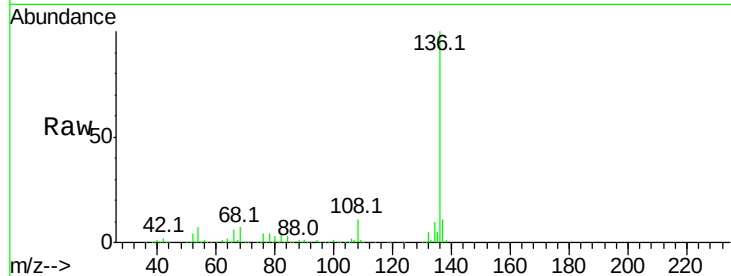
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Instrument :
BNA_F
ClientSampleId :
SB-38-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.2	4.9	7.3	
68	6.9	4.1	6.1#	

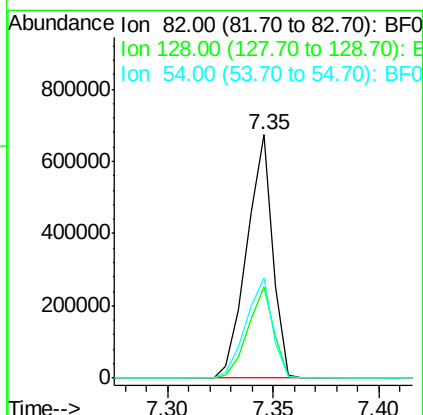
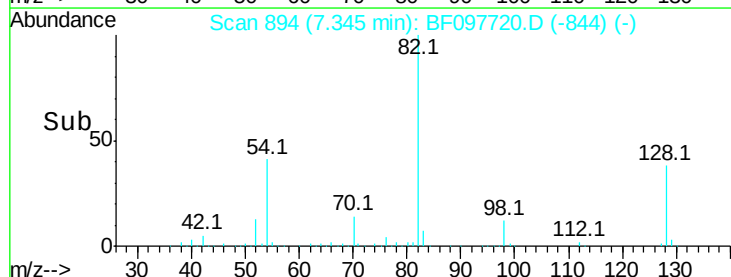
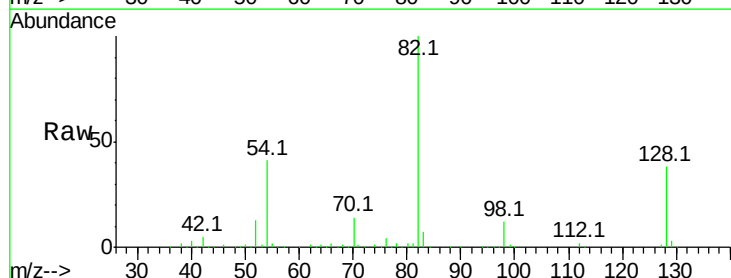
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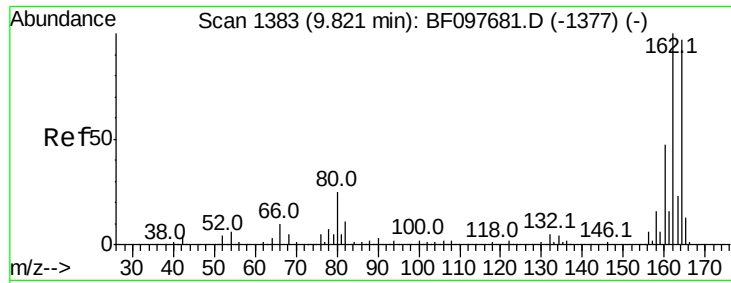
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#23
Nitrobenzene-d5
Concen: 58.555 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.6	34.0	51.0	
54	41.1	42.2	63.2#	





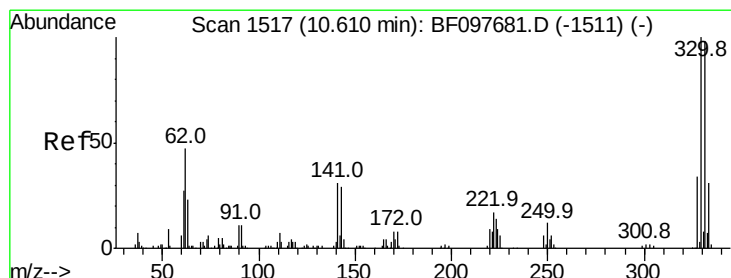
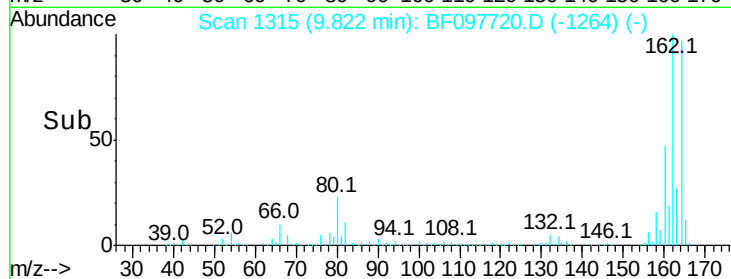
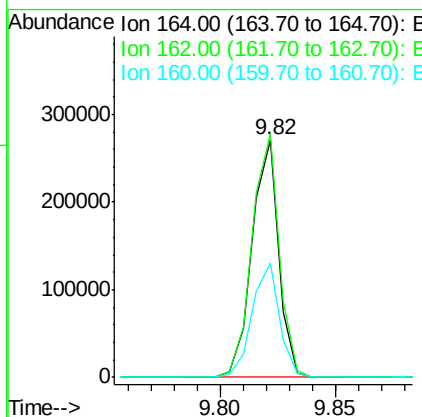
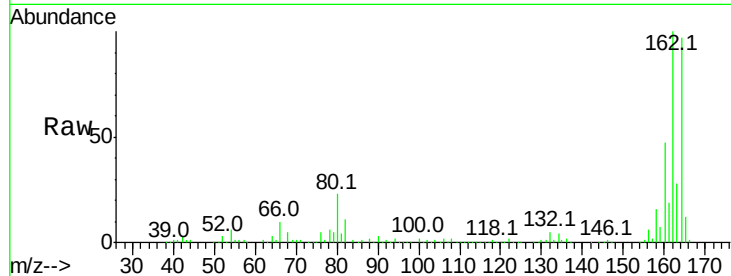
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Instrument :
BNA_F
ClientSampleId :
SB-38-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	218381		
162	102.6	82.6	123.8	
160	48.0	36.2	54.2	

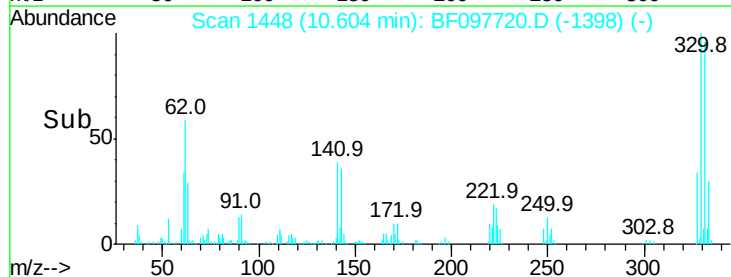
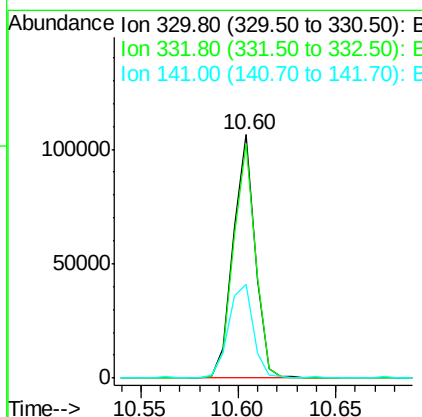
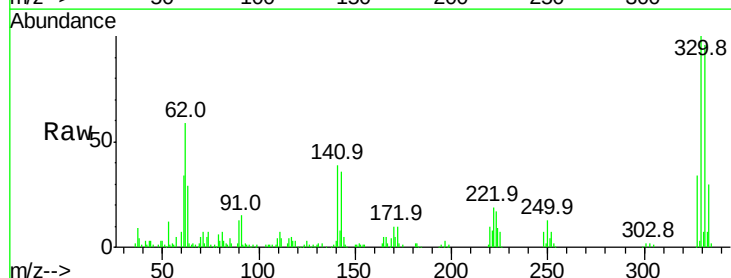
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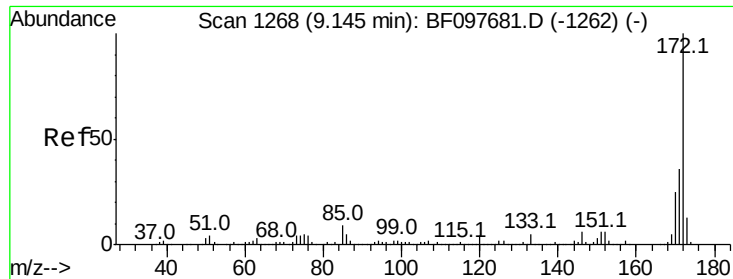
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#41
2,4,6-Tribromophenol
Concen: 43.831 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	83052		
332	96.4	76.6	115.0	
141	44.1	31.4	47.2	





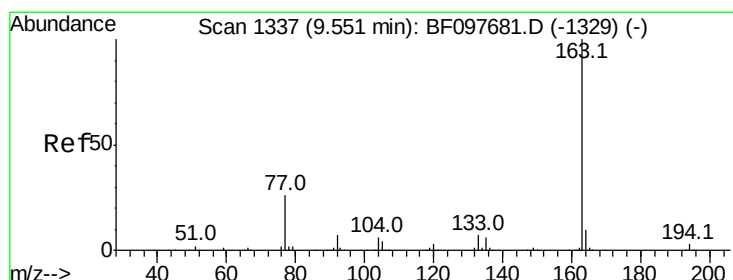
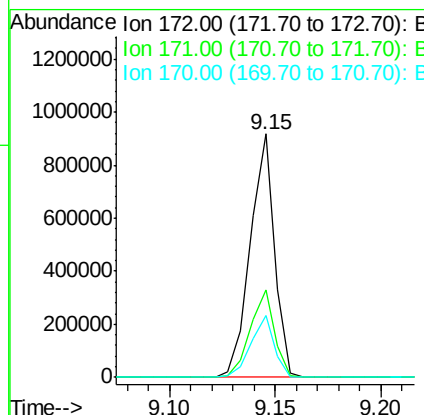
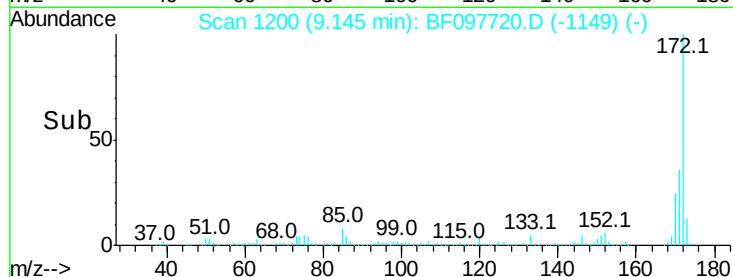
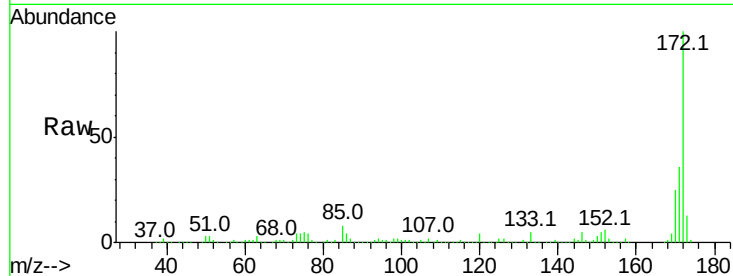
#44
2-Fluorobiphenyl
Concen: 49.239 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Instrument :
BNA_F
ClientSampleId :
SB-38-COMP

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.8	29.6	44.4
170	25.3	19.8	29.8

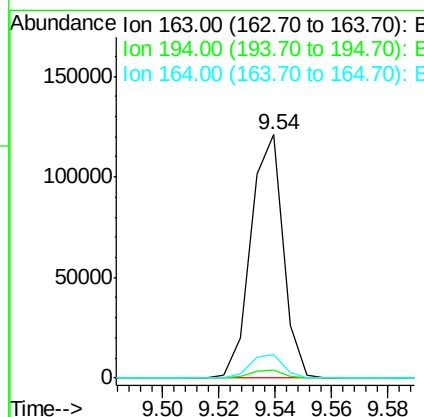
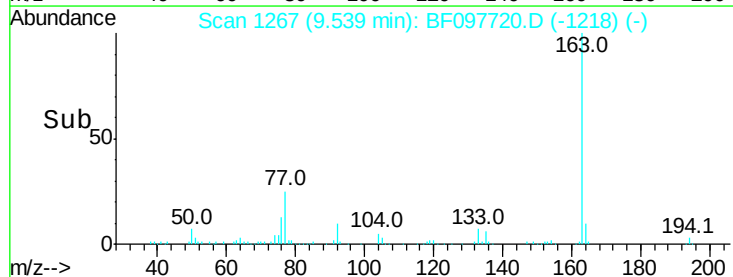
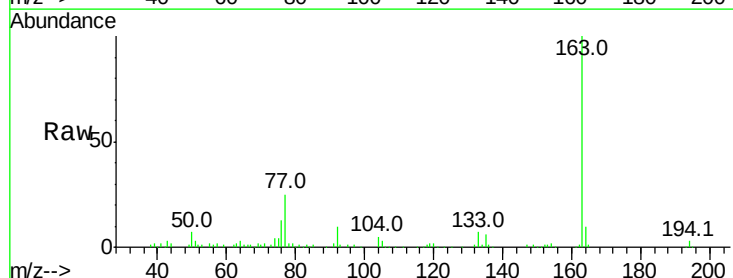
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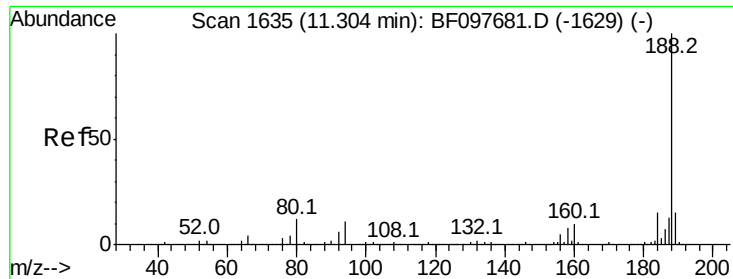
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#49
Dimethylphthalate
Concen: 5.995 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6





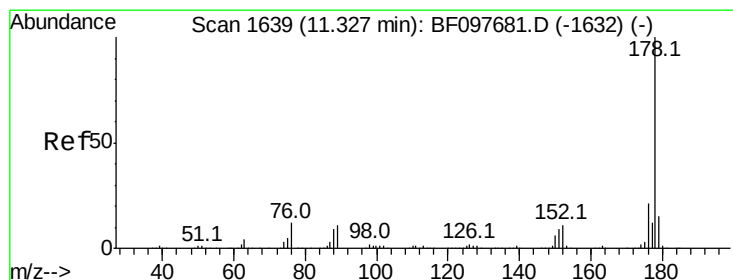
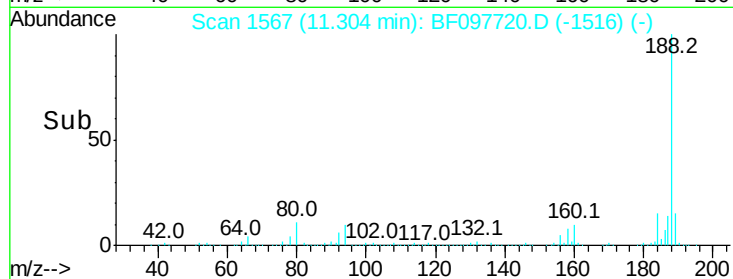
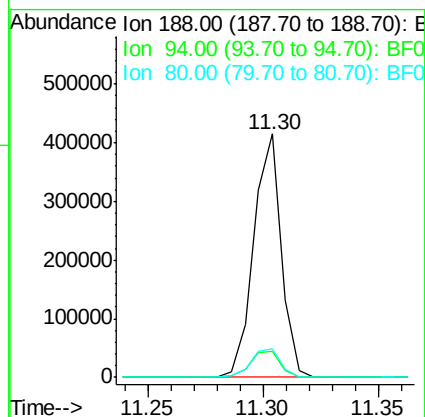
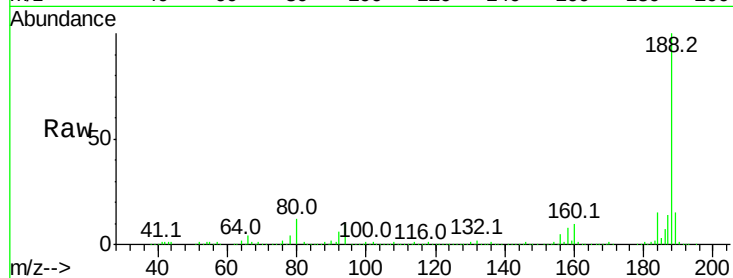
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Instrument :
BNA_F
ClientSampled :
SB-38-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.5	10.2	15.2

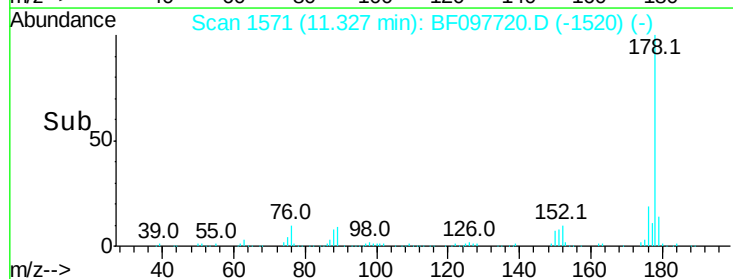
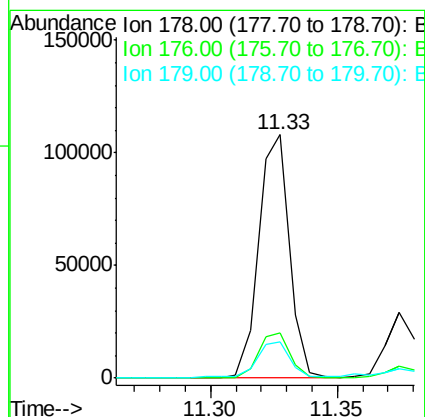
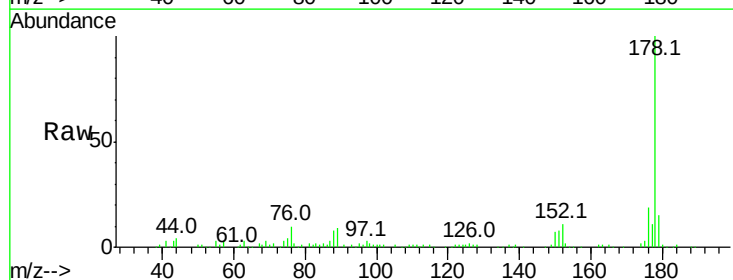
Manual Integrations
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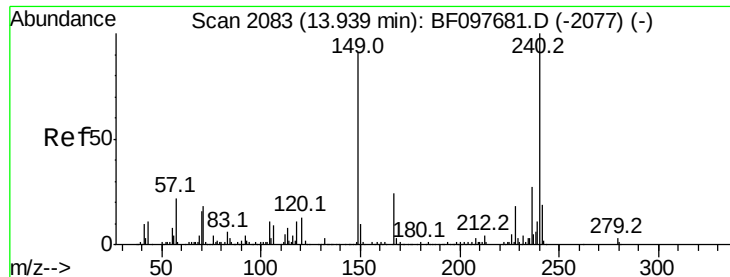
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#70
Phenanthrene
Concen: 4.997 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.7	16.2	24.4
179	14.7	12.6	19.0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097720.D

Acq: 16 Aug 2017 5:26

Instrument :

BNA_F

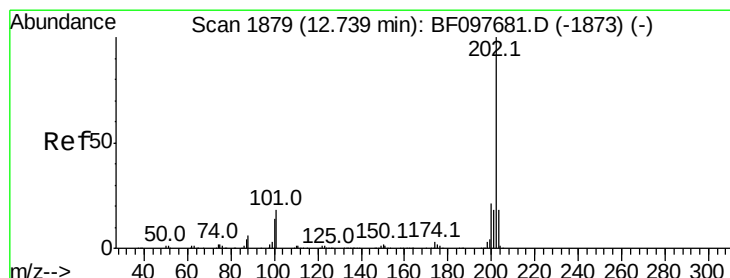
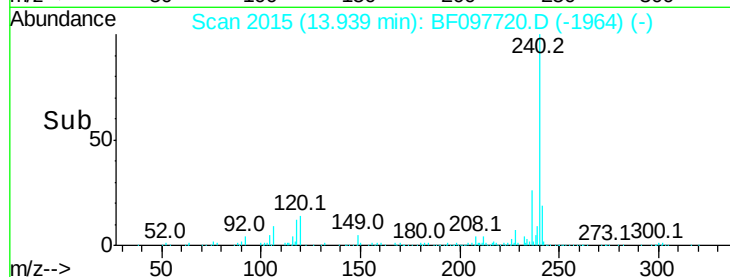
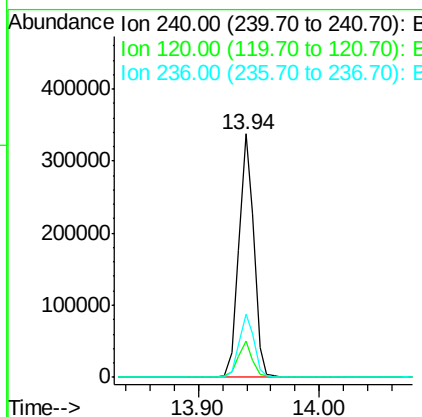
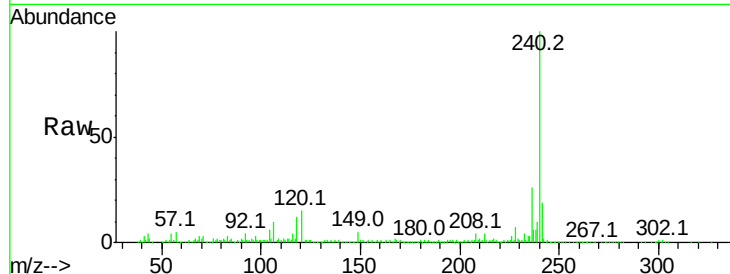
ClientSampleId :

SB-38-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	26.1	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 6.464 ng

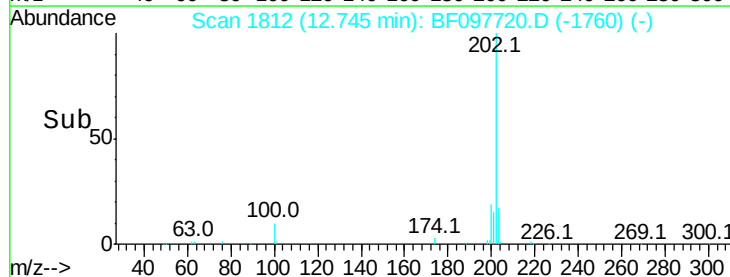
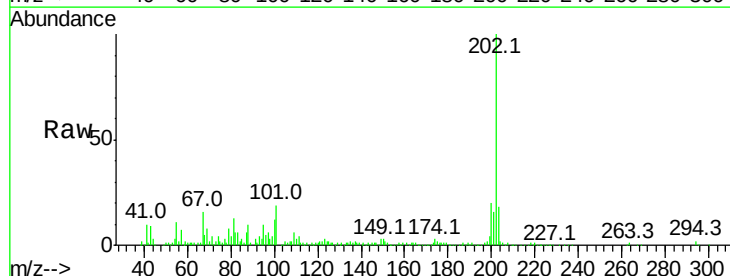
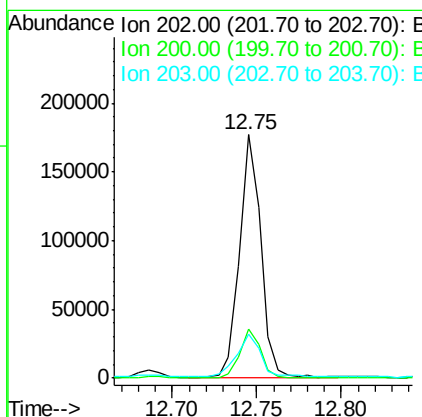
RT: 12.75 min Scan# 1812

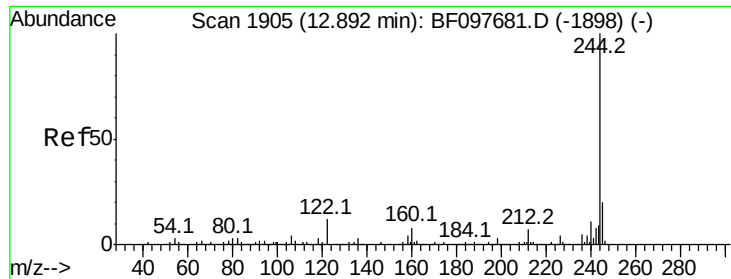
Delta R.T. 0.01 min

Lab File: BF097720.D

Acq: 16 Aug 2017 5:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.6	26.4
203	17.9	14.4	21.6





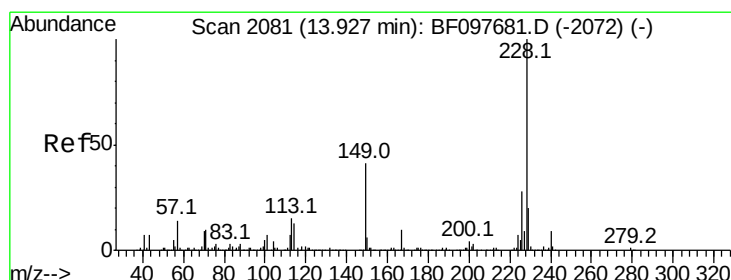
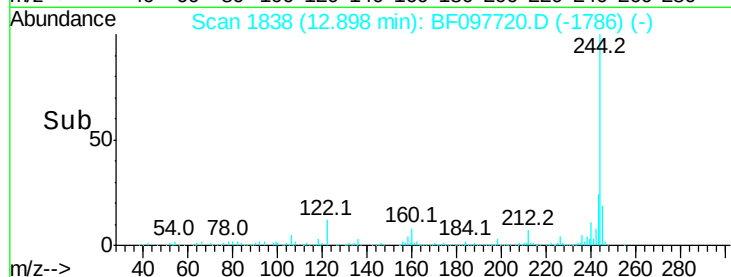
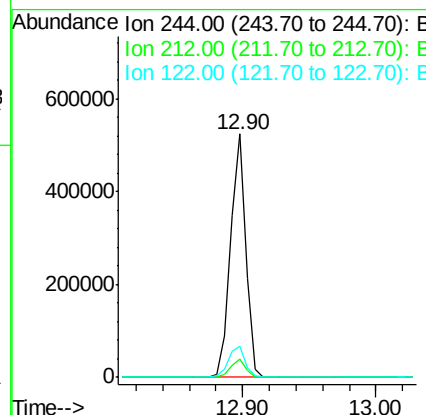
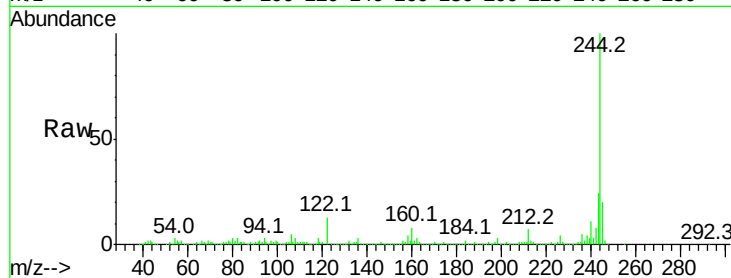
#78
 Terphenyl-d14
 Concen: 30.271 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BF097720.D
 Acq: 16 Aug 2017 5:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-COMP

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.3	6.0	9.0	
122	12.7	10.3	15.5	

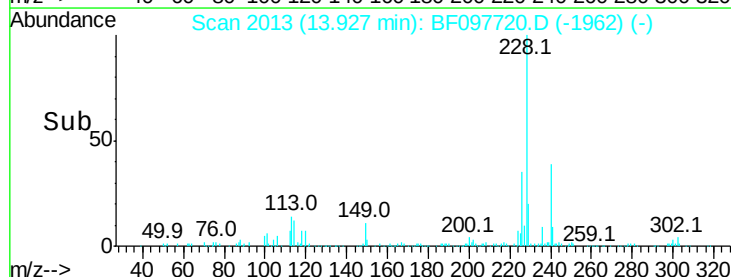
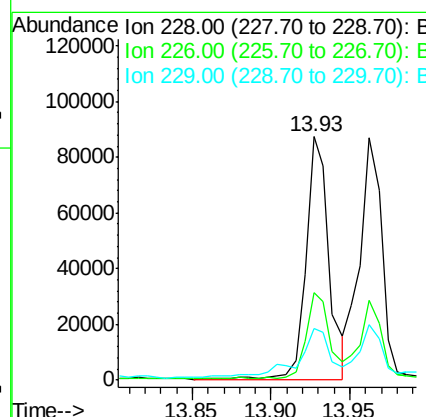
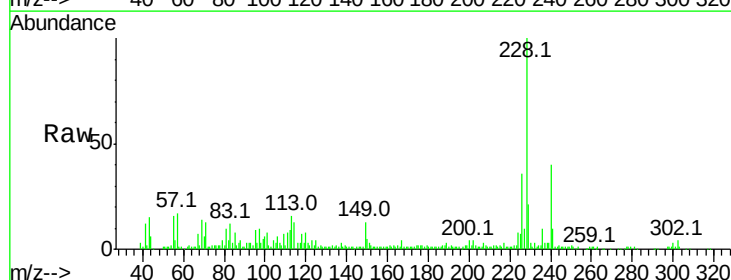
Manual Integrations
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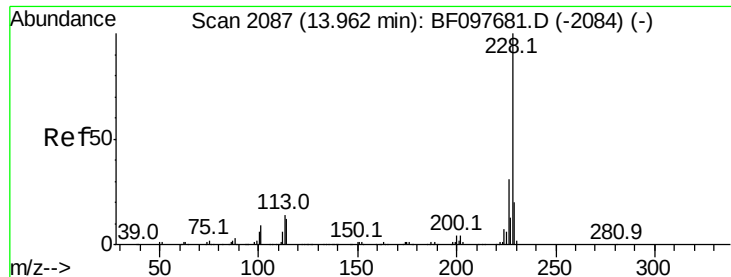
Sohil
 8/16/2017 6:45:39 PM



#80
 Benzo(a)anthracene
 Concen: 5.197 ng m
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF097720.D
 Acq: 16 Aug 2017 5:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	36.0	22.6	33.8	
229	21.1	16.3	24.5	





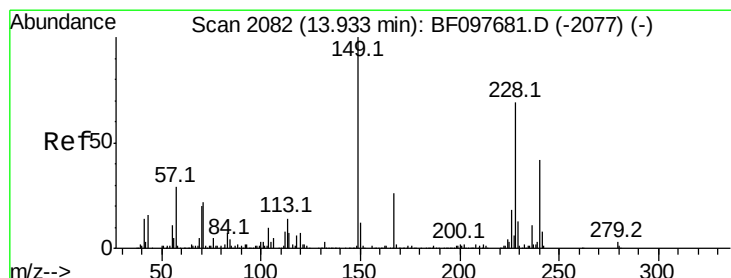
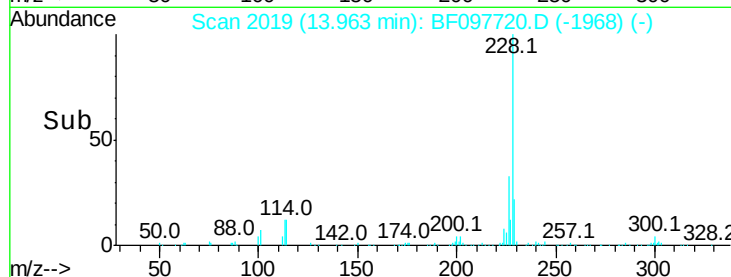
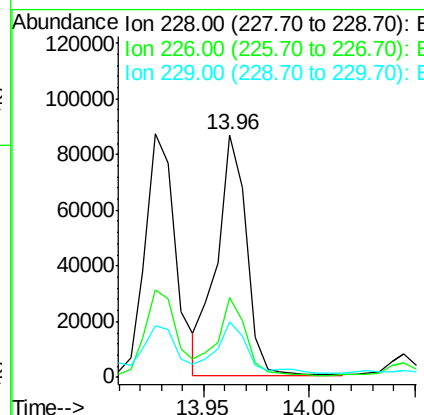
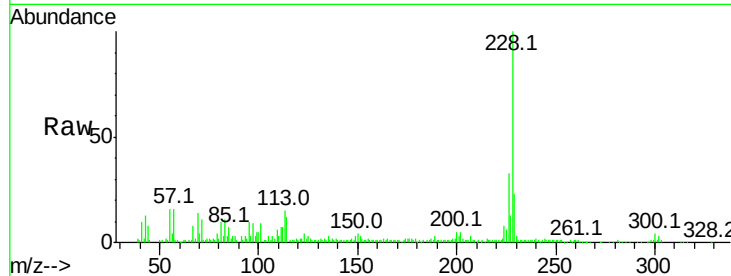
#82
Chrysene
Concen: 4.849 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Instrument :
BNA_F
ClientSampleId :
SB-38-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.9	37.3
229	22.9	15.8	23.6

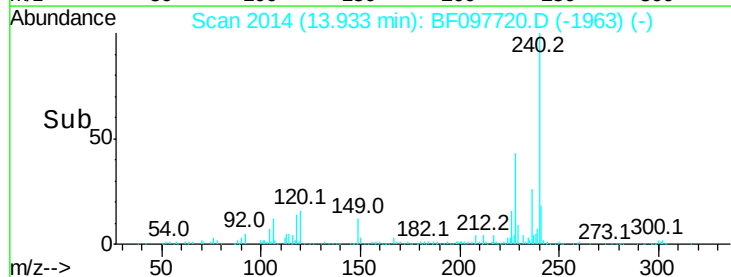
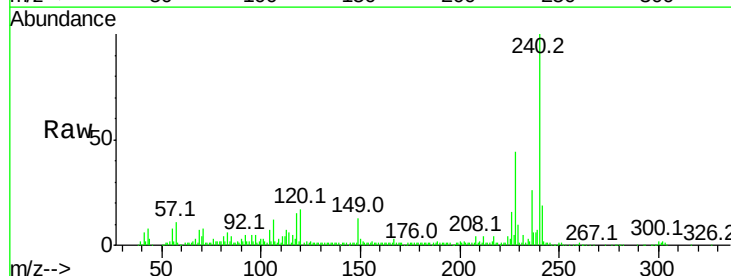
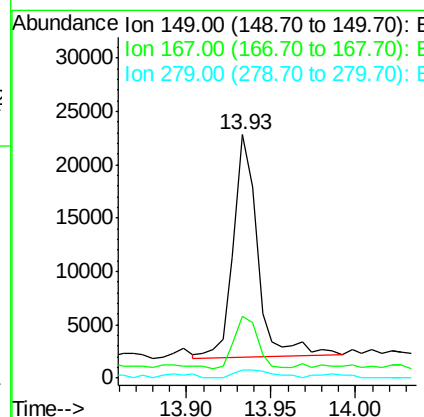
Manual Integrations
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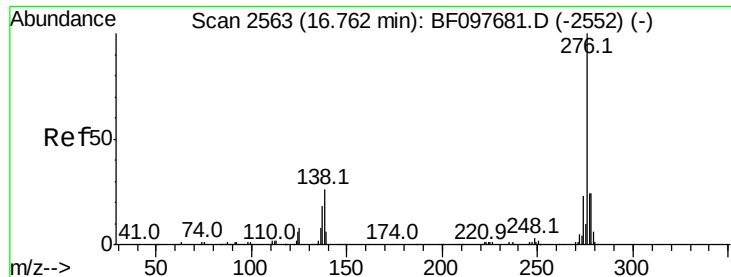
Sohil
8/16/2017 6:45:39 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 2.033 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.0	31.4
279	3.5	1.9	2.9#





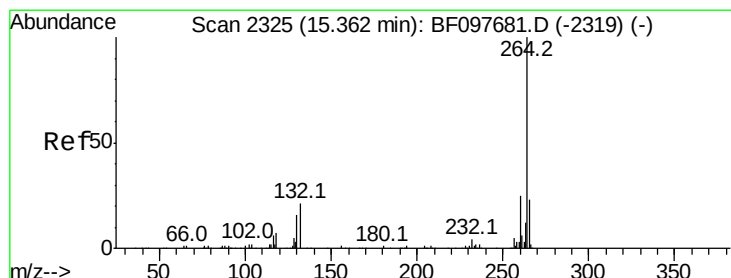
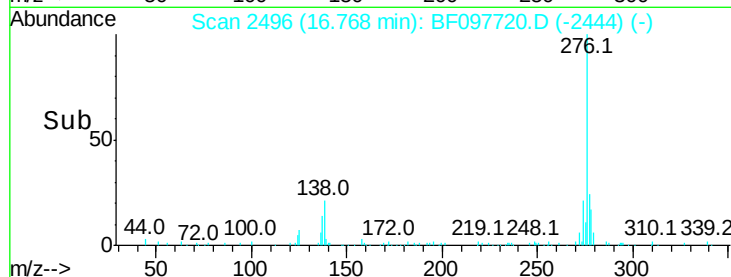
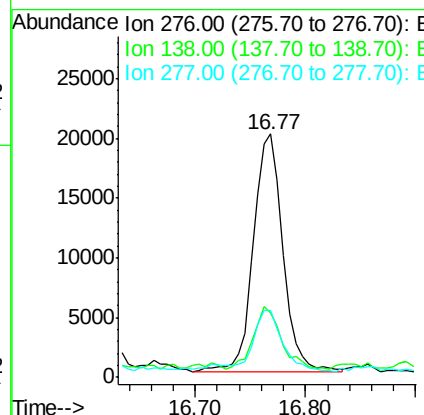
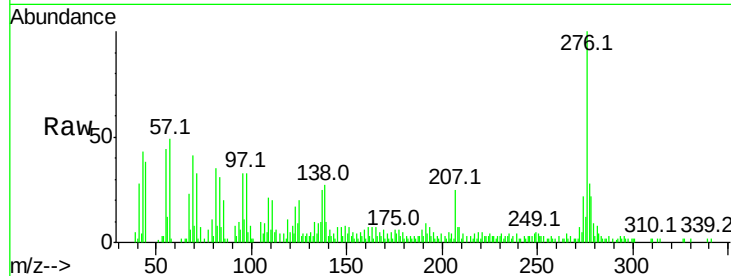
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.926 ng
RT: 16.77 min Scan# 2496
Delta R.T. 0.01 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Instrument :
BNA_F
ClientSampled :
SB-38-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	27.8	41.6#
277	24.2	20.2	30.4

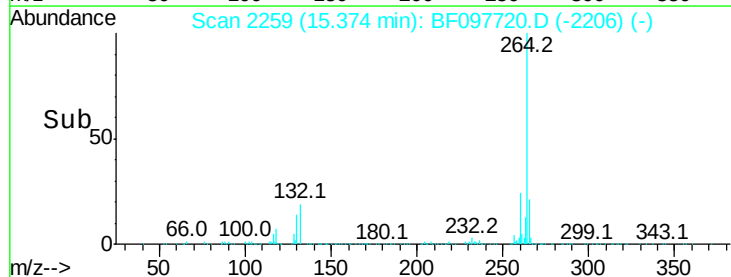
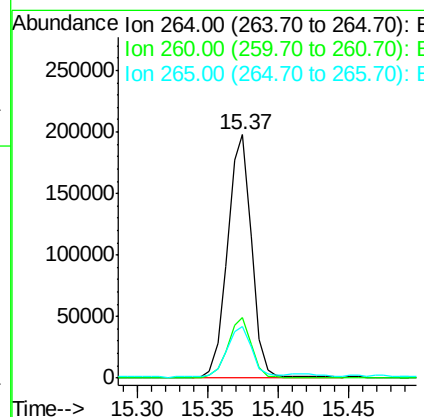
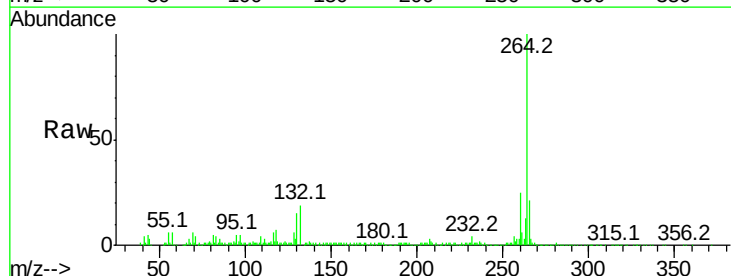
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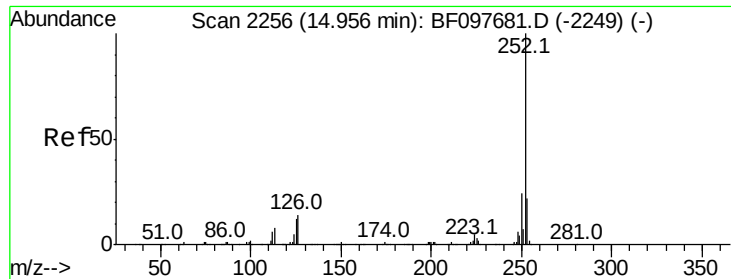
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.2	17.2	25.8





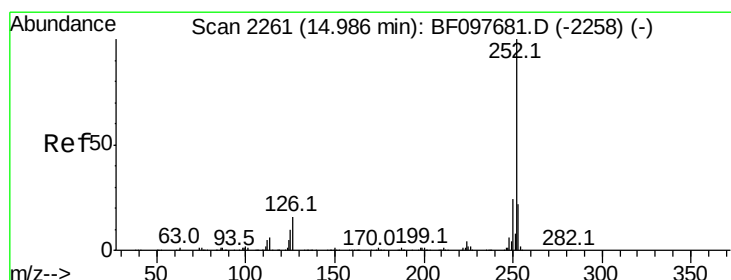
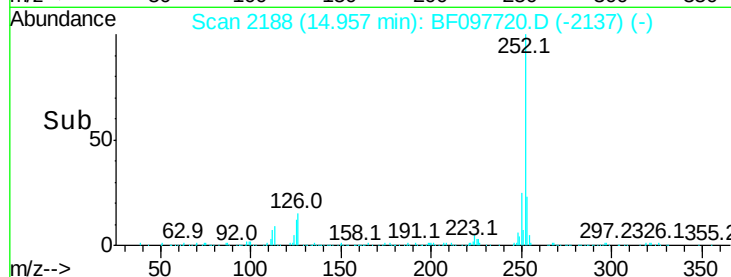
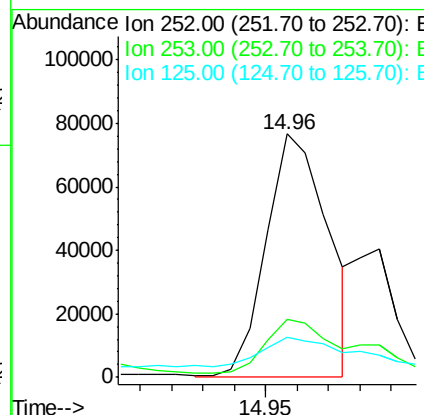
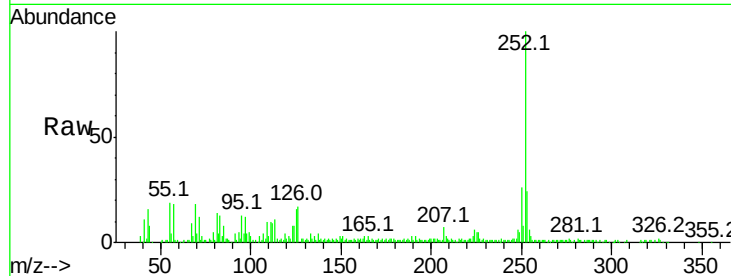
#87
Benzo(b)fluoranthene
Concen: 7.166 ng m
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Instrument :
BNA_F
ClientSampleId :
SB-38-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	16.3	9.8	14.8

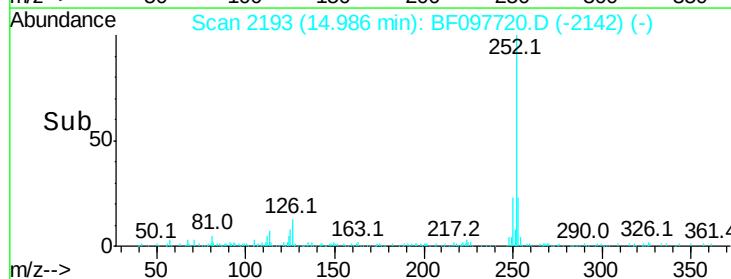
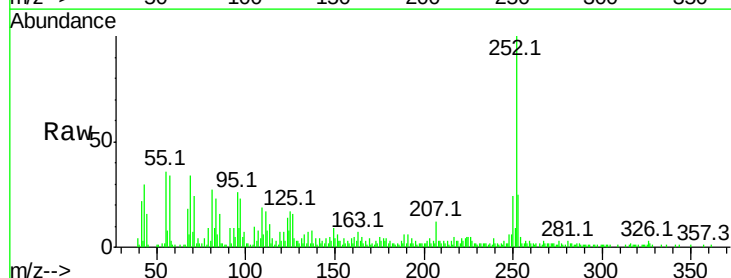
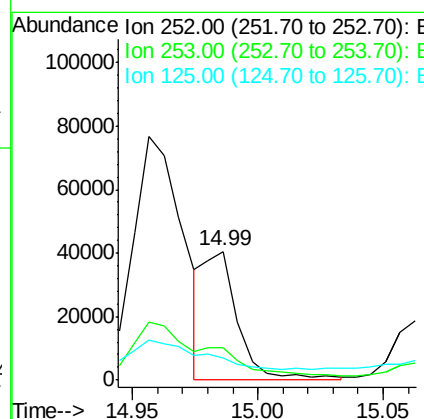
Manual Integrations
APPROVED

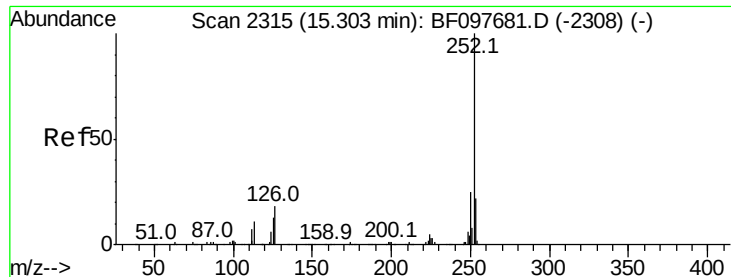
Sohil
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#88
Benzo(k)fluoranthene
Concen: 2.838 ng m
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.4	27.6
125	17.2	13.1	19.7





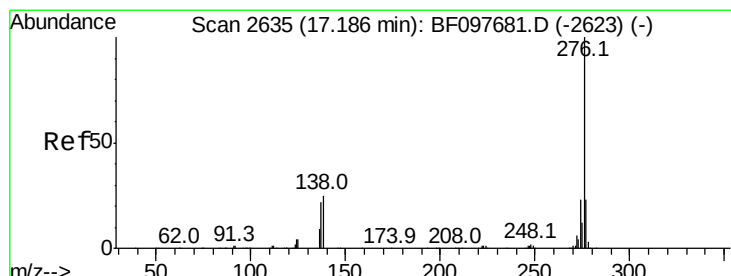
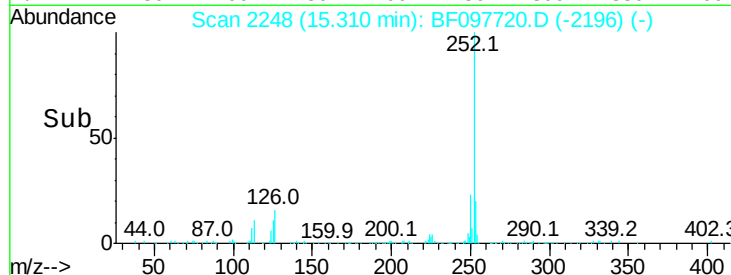
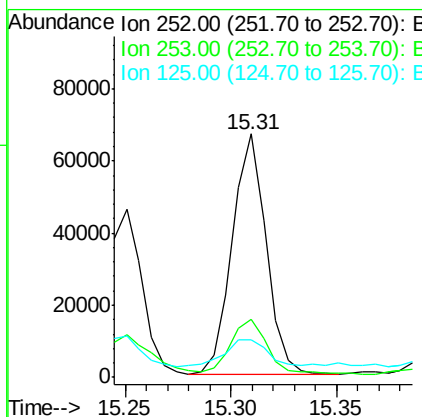
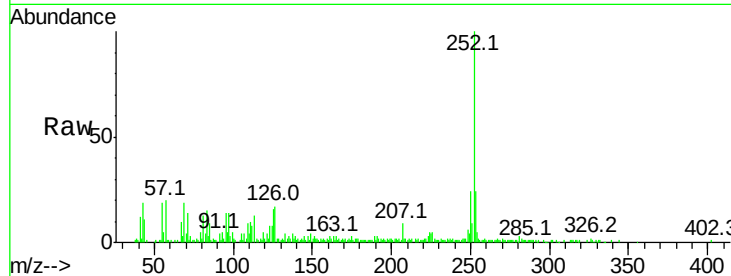
#89
Benzo(a)pyrene
Concen: 5.726 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Instrument :
BNA_F
ClientSampleId :
SB-38-COMP

Tot Ion:	252	Resp:	74332
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.5	26.3
125	15.6	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.519 ng
RT: 17.19 min Scan# 2567
Delta R.T. 0.00 min
Lab File: BF097720.D
Acq: 16 Aug 2017 5:26

Tgt Ion:	276	Resp:	38812
Ion Ratio	Lower	Upper	
276	100		
277	25.0	18.6	28.0
138	25.8	25.4	38.0

