

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095461.D
 Acq On : 26 May 2017 15:18
 Operator : SJ/MA
 Sample : I3241-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC10(0-2)

Manual Integrations
 APPROVED

mohammad
 5/30/2017 1:36:17 PM

Quant Time: May 26 17:21:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	98151	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	390162	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	168902	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	256768	20.00	ng	0.00
75) Chrysene-d12	18.67	240	206375	20.00	ng	0.00
86) Perylene-d12	20.35	264	163487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	659670	112.05	ng	0.00
7) Phenol-d6	7.29	99	791876	112.11	ng	0.00
23) Nitrobenzene-d5	8.64	82	443173	71.63	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	122909	88.85	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	838979	71.50	ng	0.00
78) Terphenyl-d14	17.32	244	494579	52.78	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	124375	8.97	ng	99
70) Phenanthrene	15.04	178	165732	11.23	ng	97
71) Anthracene	15.12	178	38605m	2.56	ng	
74) Fluoranthene	16.78	202	249467	16.48	ng	99
77) Pyrene	17.08	202	282626	18.31	ng	98
80) Benzo(a)anthracene	18.66	228	120979	10.07	ng	97
82) Chrysene	18.71	228	127771	11.00	ng	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	54915	5.82	ng	# 91
87) Benzo(b)fluoranthene	19.95	252	147763m	14.63	ng	
88) Benzo(k)fluoranthene	19.97	252	45710m	4.69	ng	
89) Benzo(a)pyrene	20.30	252	100168	10.75	ng	# 95
91) Benzo(a,h,i)perylene	22.08	276	63177	8.36	ng	97

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

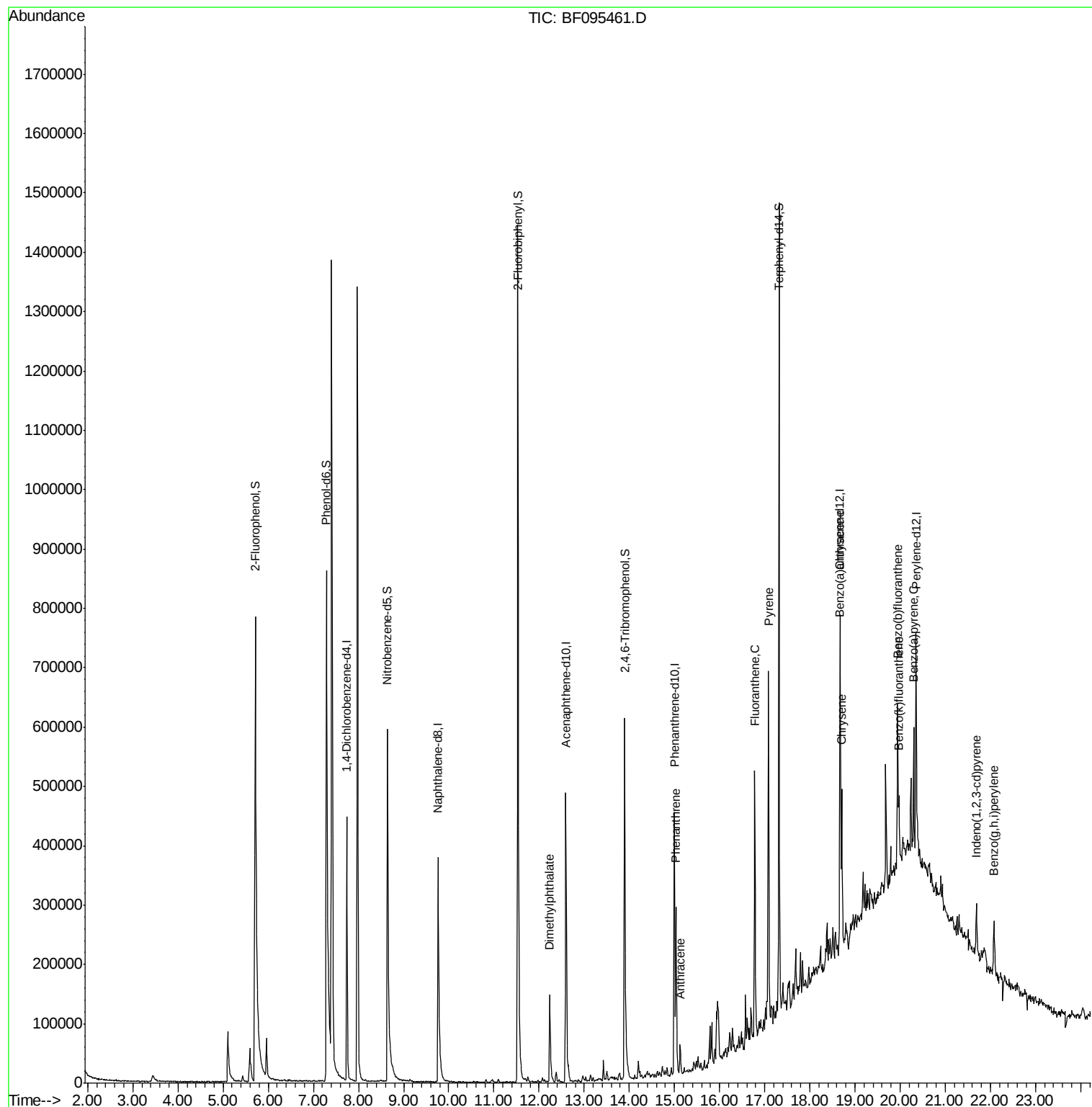
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095461.D
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Operator : SJ/MA
Sample : I3241-03
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ALS Vial : 8 Sample Multiplier: 1

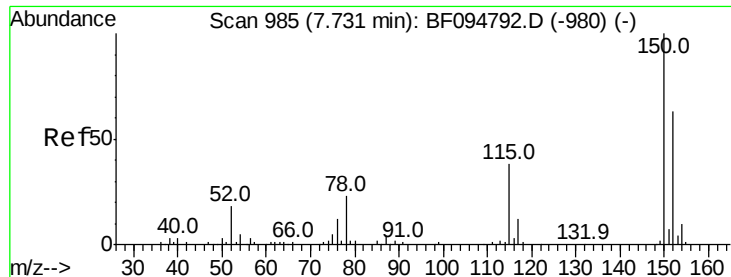
Instrument :
BNA_F
ClientSampleId :
EP1-WC10(0-2)

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Quant Time: May 26 17:21:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

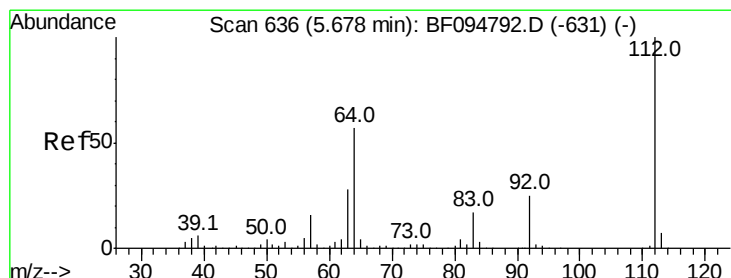
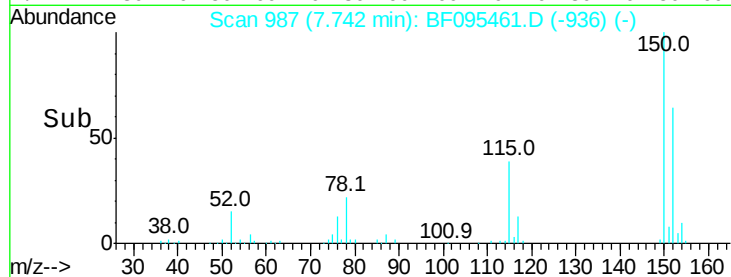
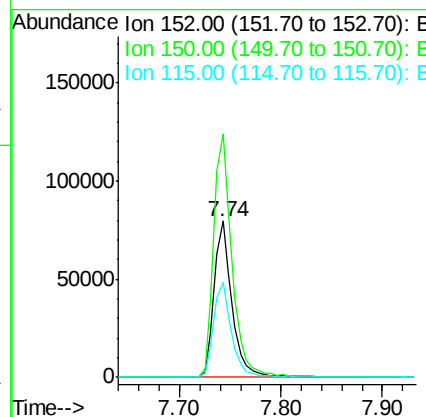
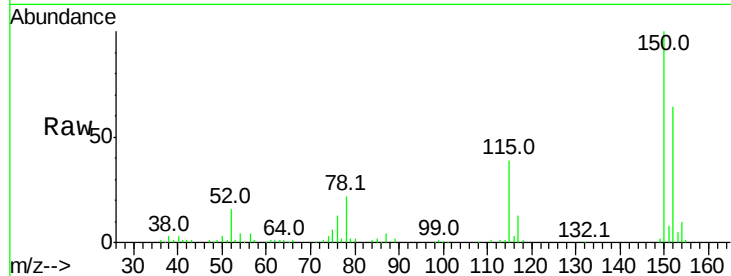
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095461.D
Acq: 26 May 2017 15:18

Instrument :
BNA_F
ClientSampleId :
EP1-WC10(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	61.1	52.2	78.2

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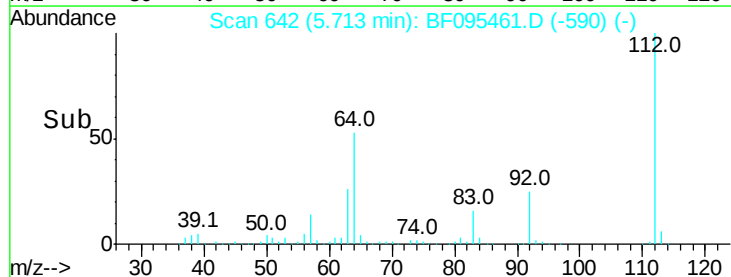
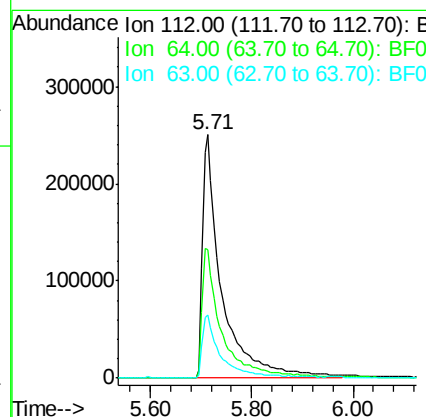
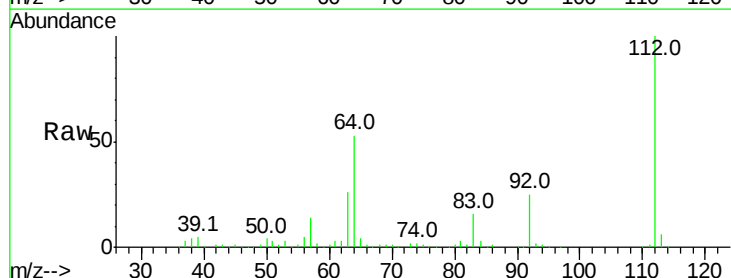
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#5

2-Fluorophenol
Concen: 112.05 ng
RT: 5.71 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF095461.D
Acq: 26 May 2017 15:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.0	69.0
63	25.9	23.4	35.0





#7

Phenol-d6

Concen: 112.11 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF095461.D

Acq: 26 May 2017 15:18

Instrument :

BNA_F

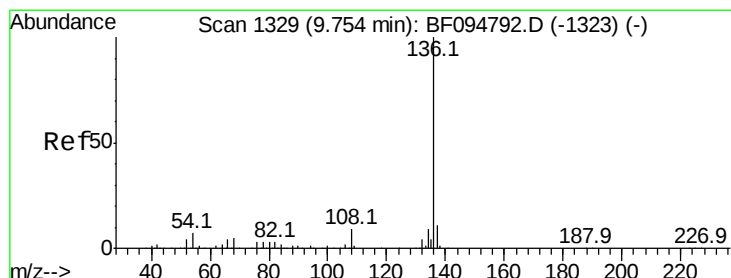
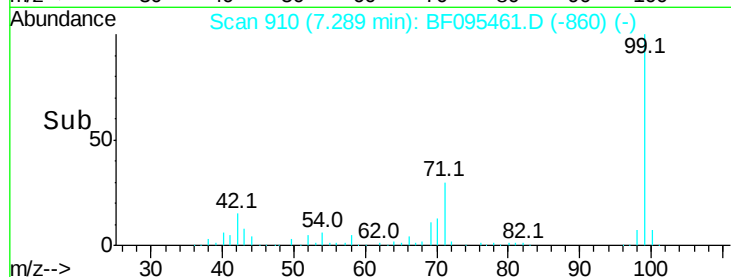
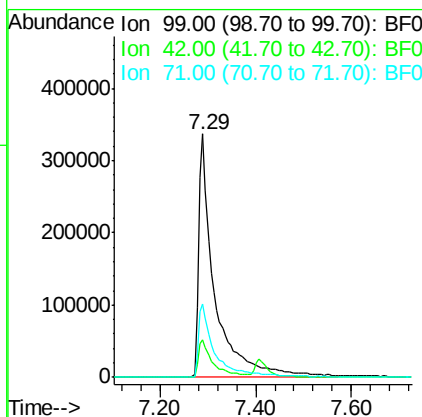
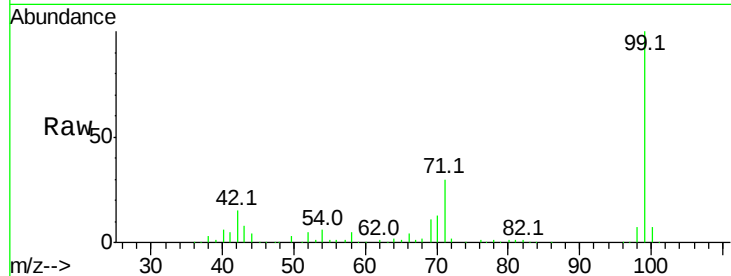
ClientSampleId :

EP1-WC10(0-2)

Tot Ion:	99	Resp:	791876
Ion Ratio	Lower	Upper	
99	100		
42	15.2	13.5	20.3
71	30.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

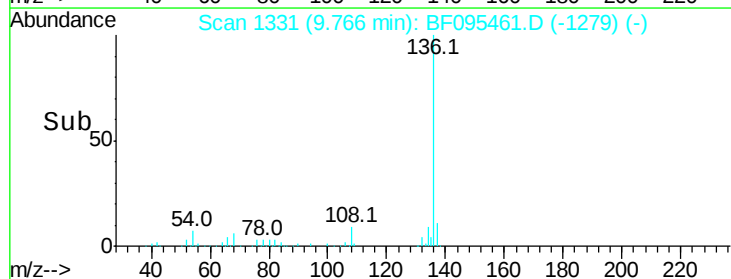
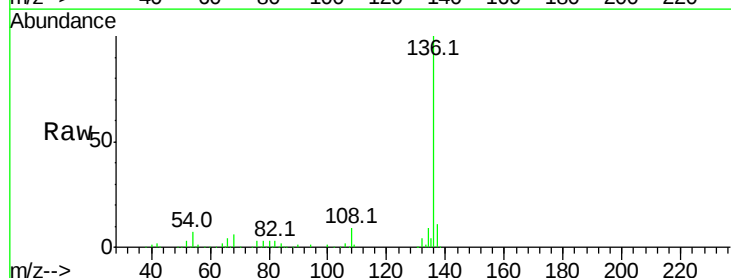
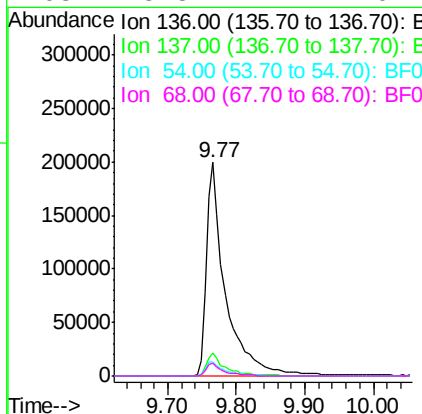
RT: 9.77 min Scan# 1331

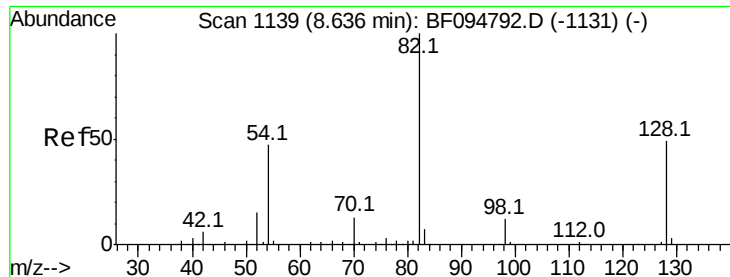
Delta R.T. 0.01 min

Lab File: BF095461.D

Acq: 26 May 2017 15:18

Tgt Ion:	136	Resp:	390162
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	6.8	4.9	7.3
68	5.8	4.1	6.1





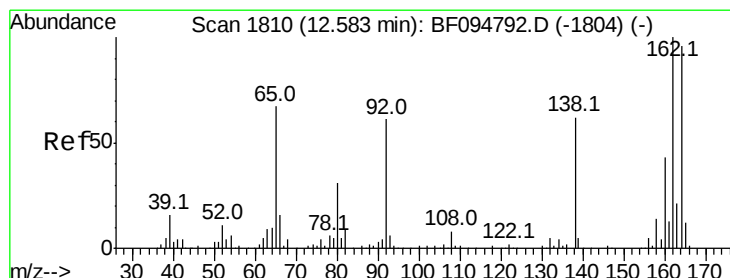
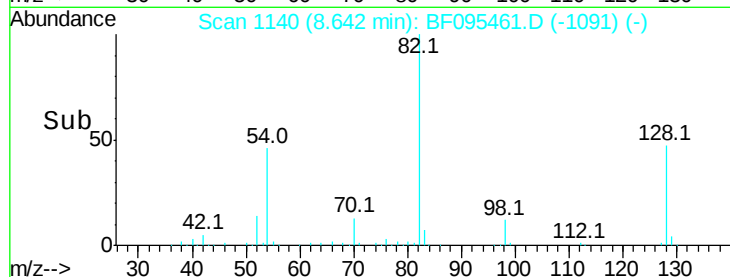
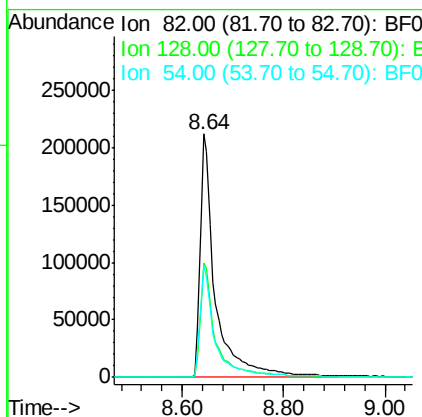
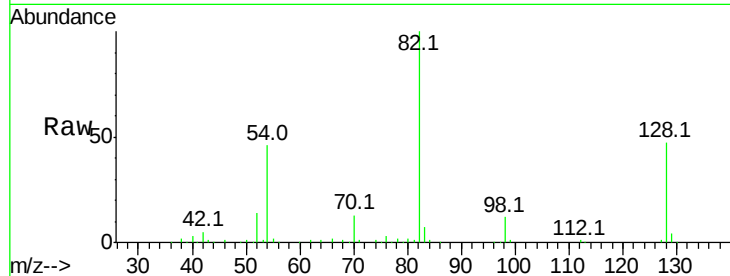
#23
 Nitrobenzene-d5
 Concen: 71.63 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095461.D
 Acq: 26 May 2017 15:18

Instrument :
 BNA_F
 ClientSampled :
 EP1-WC10(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	46.1	42.2	63.2

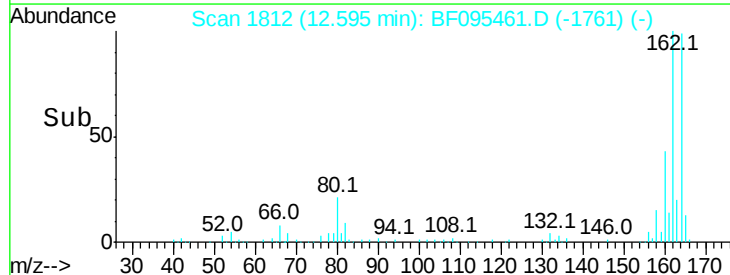
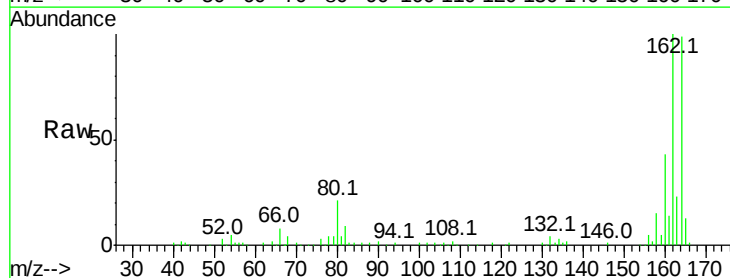
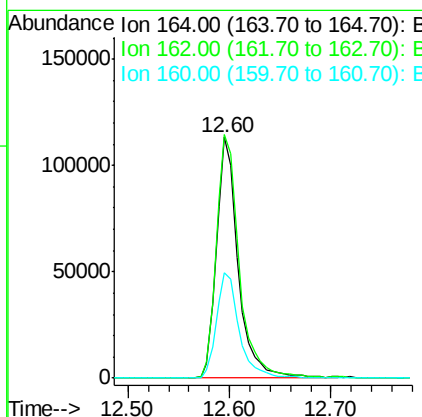
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BF095461.D
 Acq: 26 May 2017 15:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	123.8
160	43.7	36.2	54.2





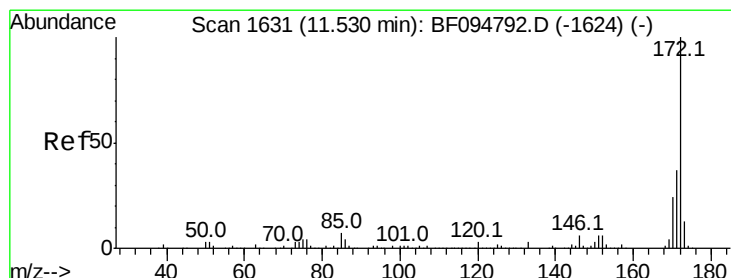
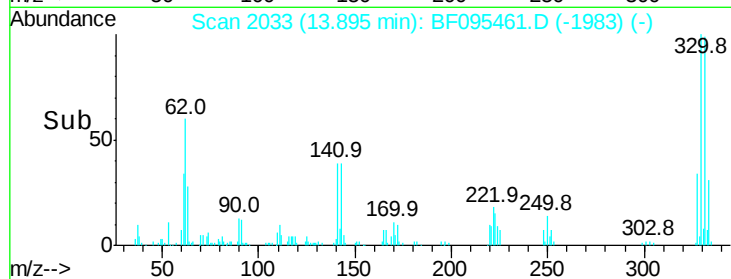
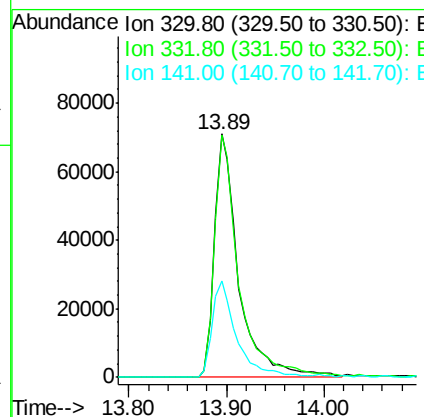
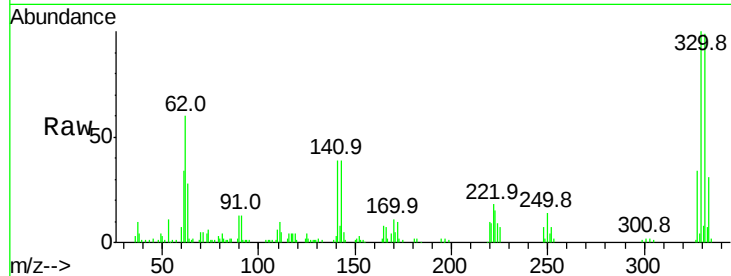
#41
 2,4,6-Tribromophenol
 Concen: 88.85 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095461.D
 Acq: 26 May 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC10(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	122909		
332	99.9	76.6	115.0	
141	39.8	31.4	47.2	

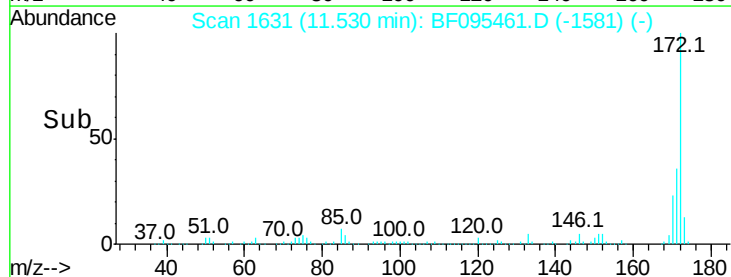
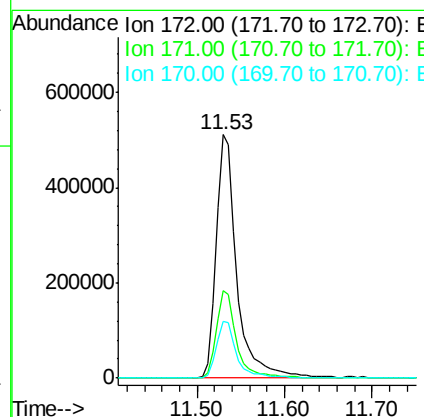
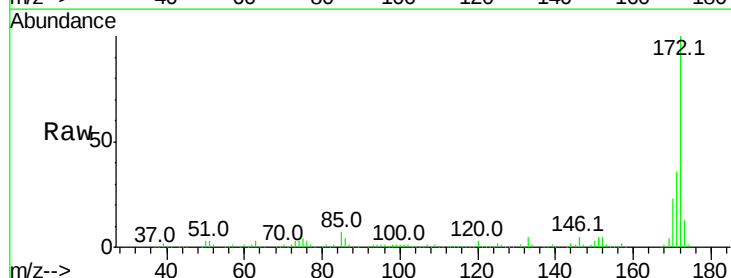
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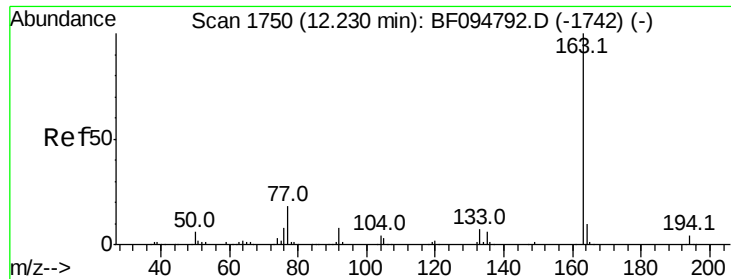
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#44
 2-Fluorobiphenyl
 Concen: 71.50 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095461.D
 Acq: 26 May 2017 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	838979		
171	35.9	29.6	44.4	
170	23.4	19.8	29.8	





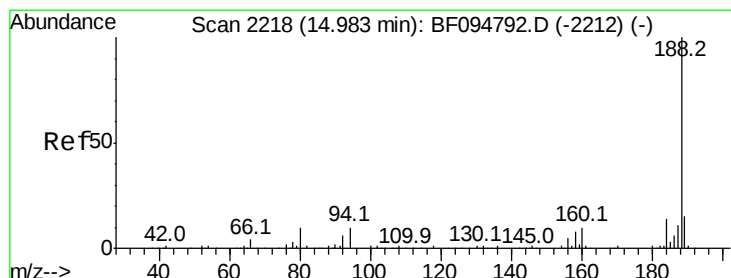
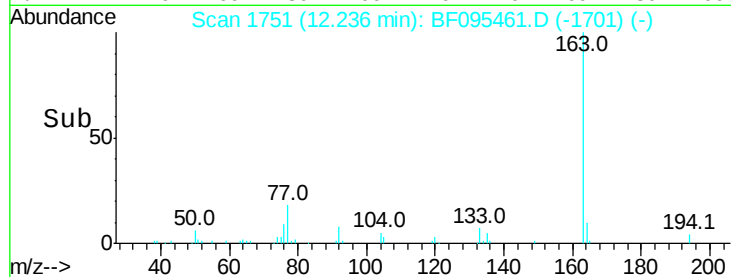
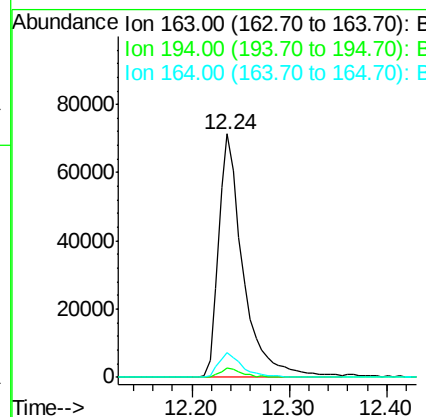
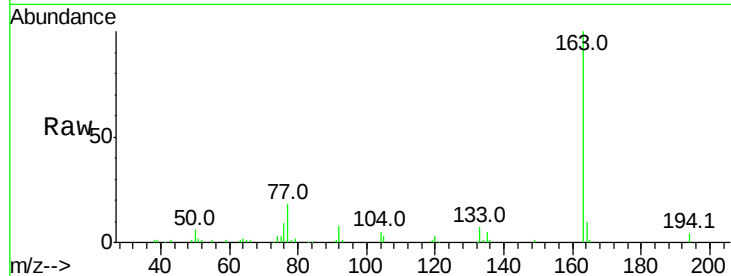
#49
Dimethylphthalate
Concen: 8.97 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF095461.D
Acq: 26 May 2017 15:18

Instrument :
BNA_F
ClientSampleId :
EP1-WC10(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	124375		
194	3.8	2.6	4.0	
164	10.2	8.4	12.6	

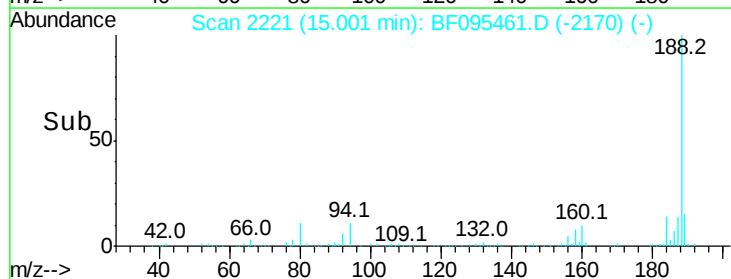
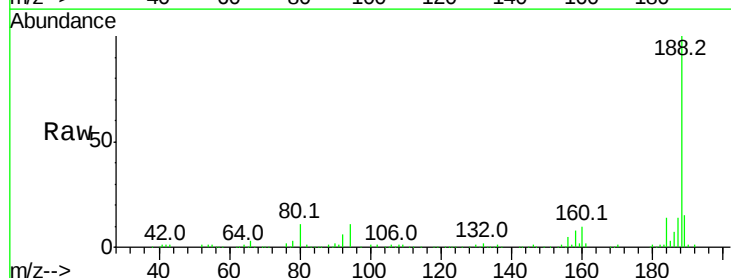
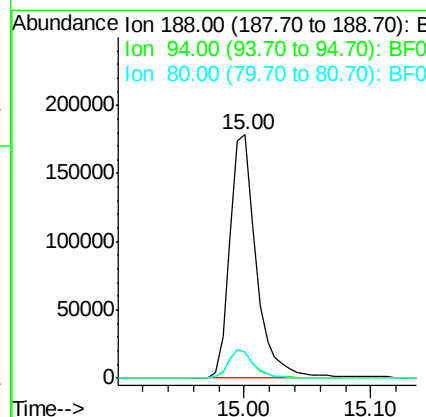
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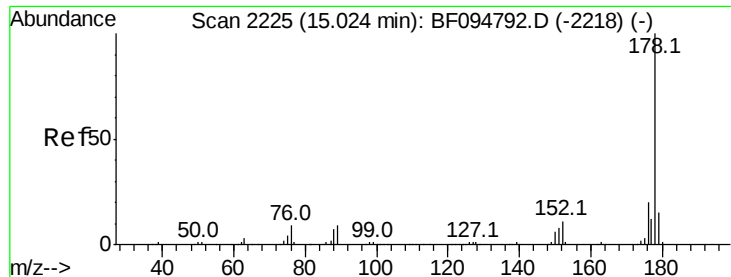
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF095461.D
Acq: 26 May 2017 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	256768		
94	10.8	9.4	14.2	
80	10.6	10.2	15.2	





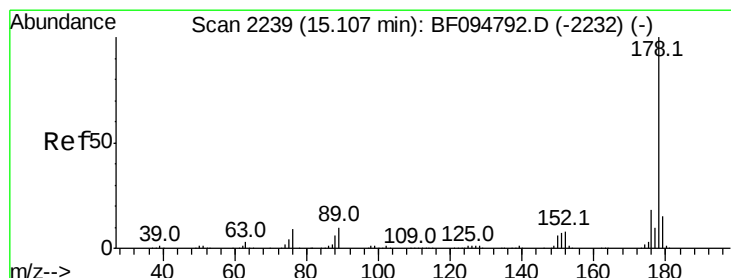
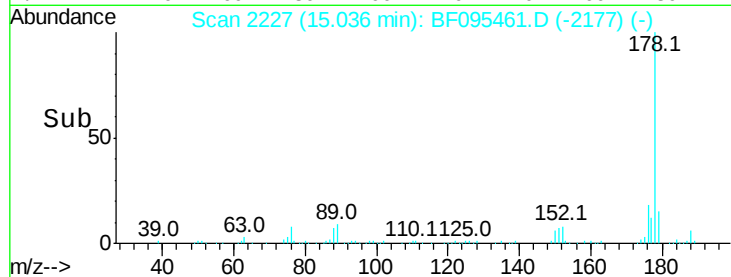
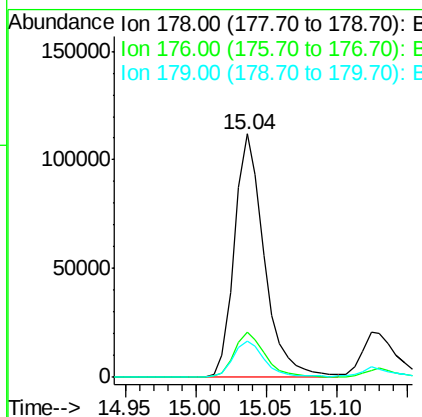
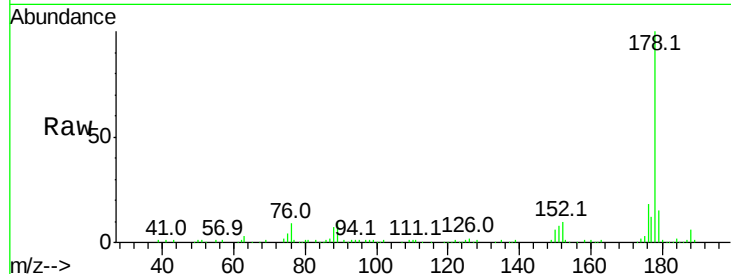
#70
Phenanthrene
Concen: 11.23 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF095461.D
Acq: 26 May 2017 15:18

Instrument :
BNA_F
ClientSampleId :
EP1-WC10(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	14.8	12.6	19.0

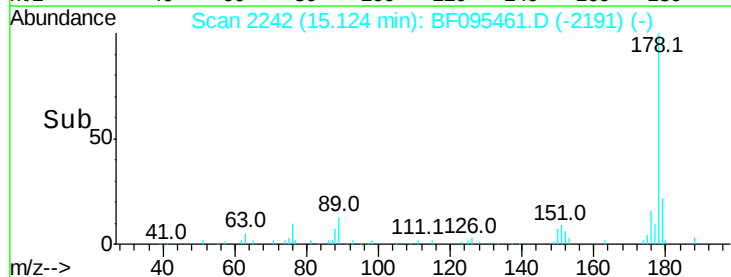
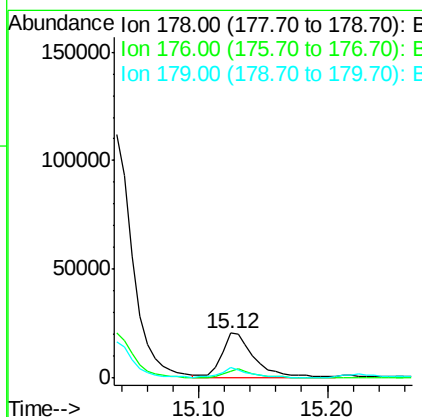
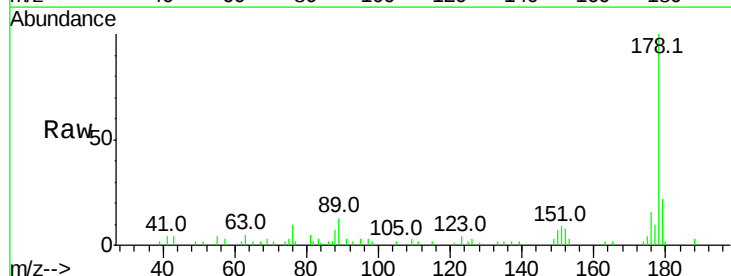
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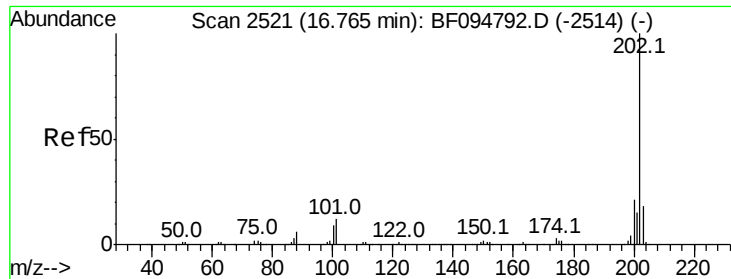
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#71
Anthracene
Concen: 2.56 ng m
RT: 15.12 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF095461.D
Acq: 26 May 2017 15:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.8	23.8
179	22.5	12.7	19.1#





#74

Fluoranthene

Concen: 16.48 ng

RT: 16.78 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BF095461.D

Acq: 26 May 2017 15:18

Instrument :

BNA_F

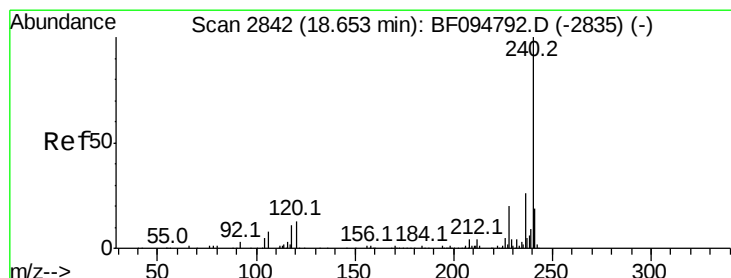
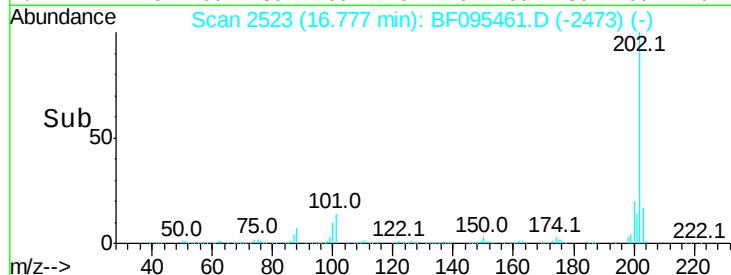
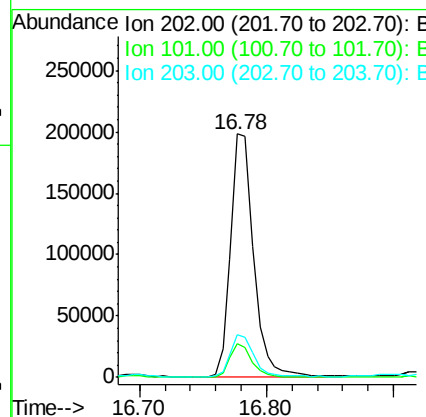
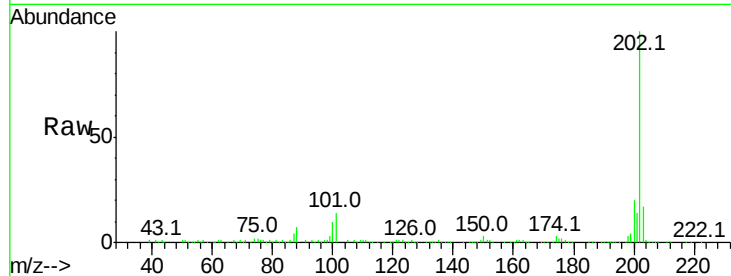
ClientSampleId :

EP1-WC10(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	249467		
101	13.8	0.0	33.2	
203	17.5	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

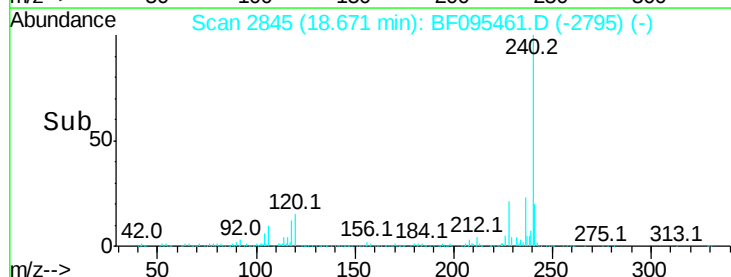
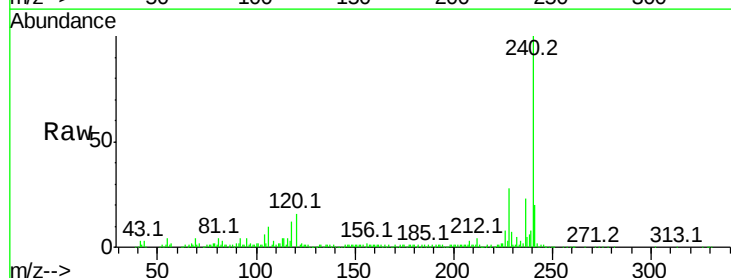
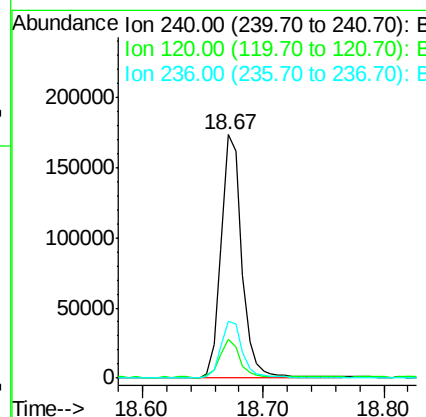
RT: 18.67 min Scan# 2845

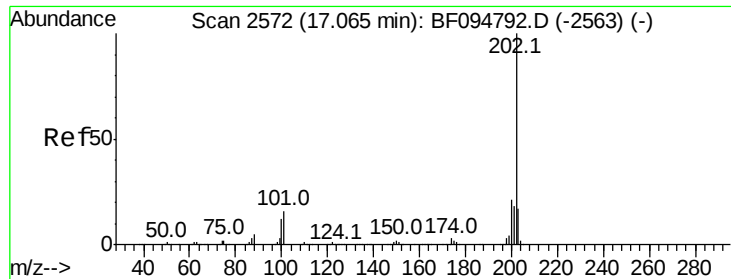
Delta R.T. -0.01 min

Lab File: BF095461.D

Acq: 26 May 2017 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	206375		
120	15.8	5.8	8.8#	
236	23.4	20.5	30.7	





#77

Pvrene

Concen: 18.31 ng

RT: 17.08 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF095461.D

Acq: 26 May 2017 15:18

Instrument :

BNA_F

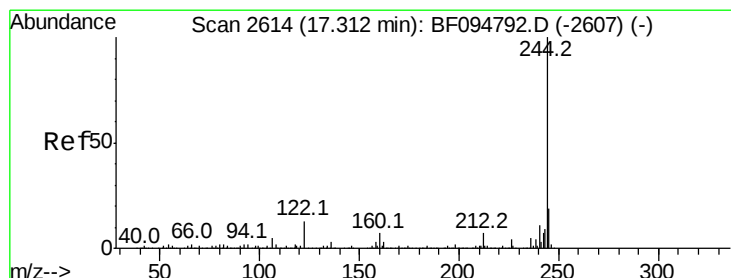
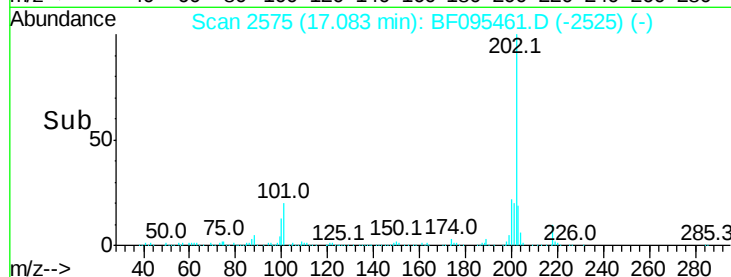
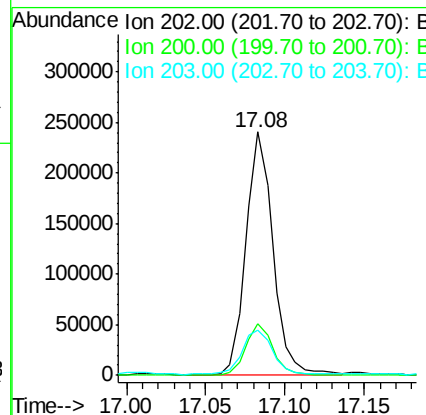
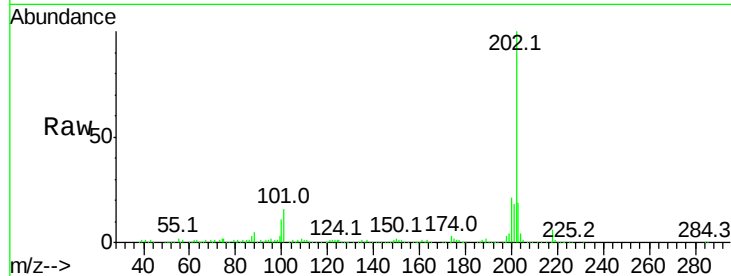
ClientSampleId :

EP1-WC10(0-2)

Tot Ion:	202	Resp:	282626
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.6	26.4
203	18.7	14.4	21.6

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#78

Terphenyl-d14

Concen: 52.78 ng

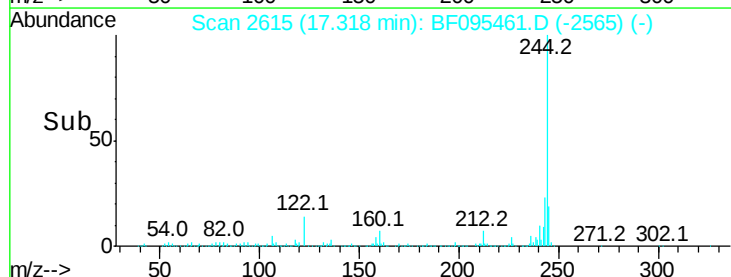
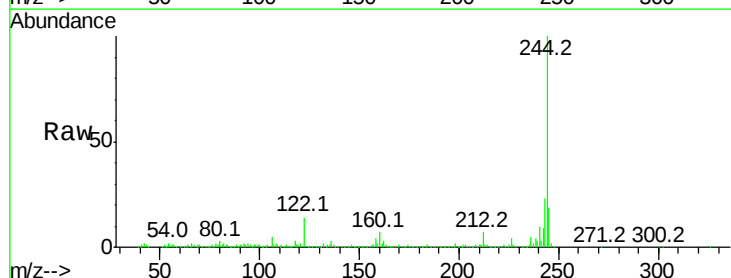
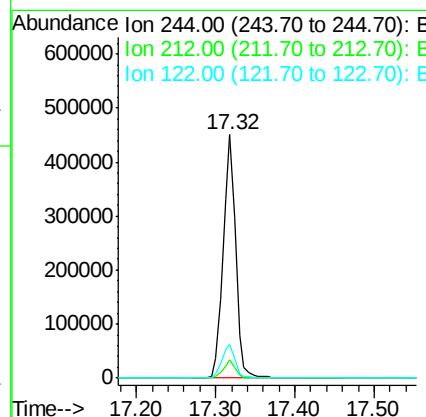
RT: 17.32 min Scan# 2615

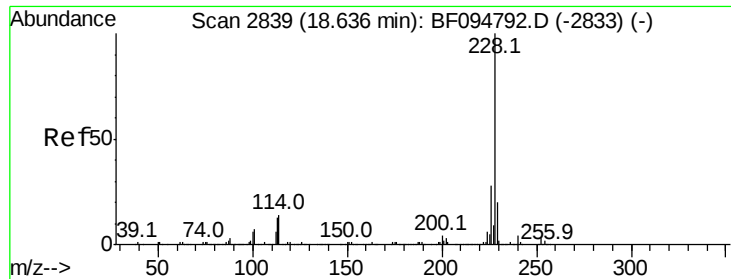
Delta R.T. -0.01 min

Lab File: BF095461.D

Acq: 26 May 2017 15:18

Tgt Ion:	244	Resp:	494579
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	13.9	10.3	15.5





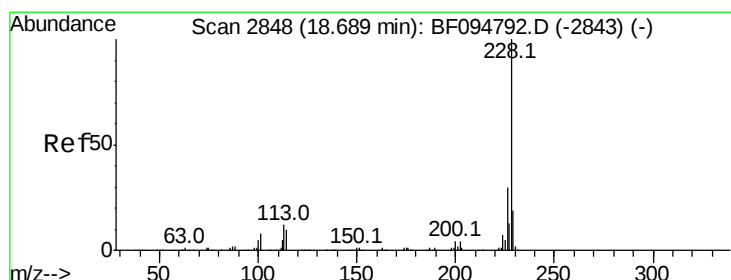
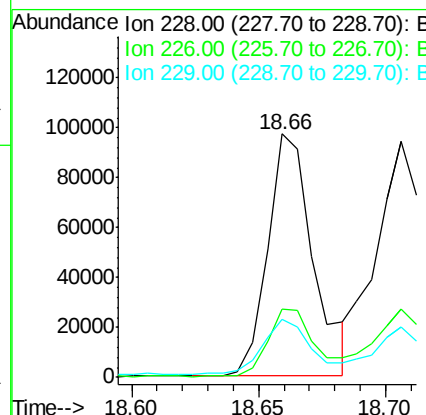
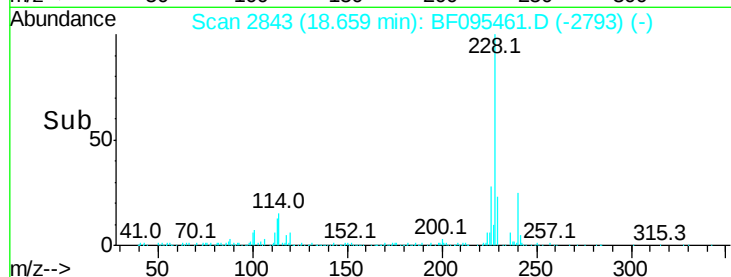
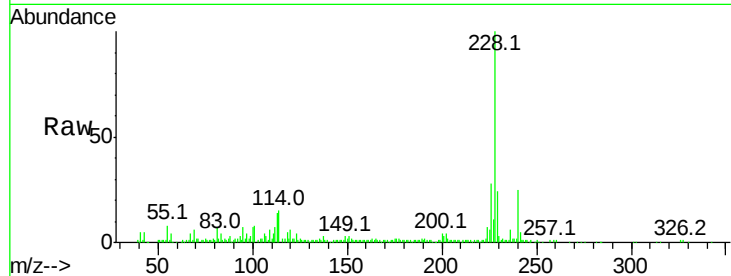
#80
Benzo(a)anthracene
Concen: 10.07 ng
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095461.D
Acq: 26 May 2017 15:18

Instrument :
BNA_F
ClientSampleId :
EP1-WC10(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	23.7	16.3	24.5

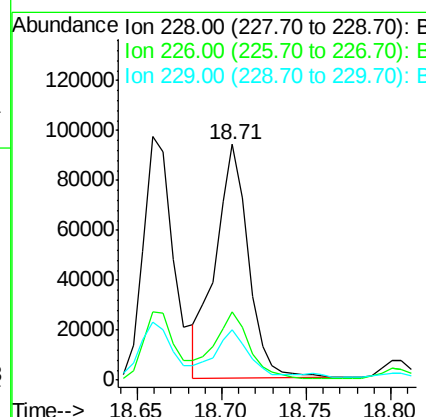
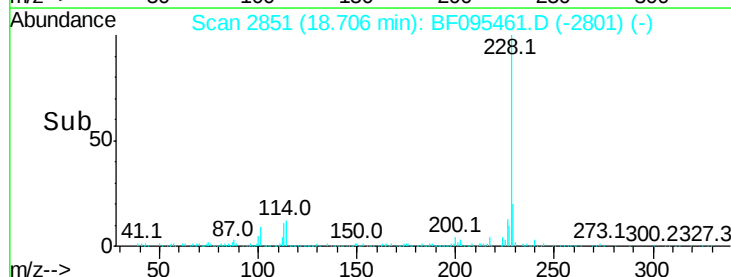
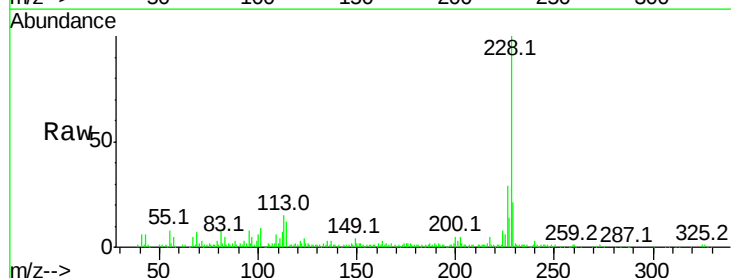
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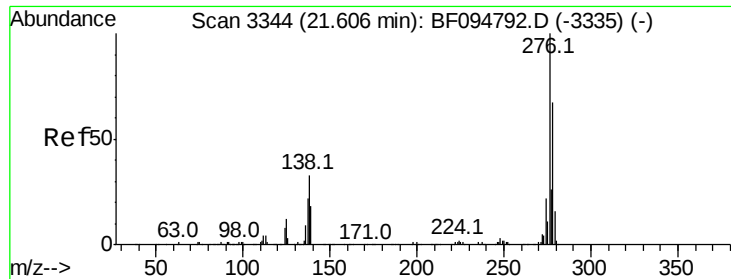
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#82
Chrysene
Concen: 11.00 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095461.D
Acq: 26 May 2017 15:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	21.2	15.8	23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 5.82 ng

RT: 21.69 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BF095461.D

Acq: 26 May 2017 15:18

Instrument :

BNA_F

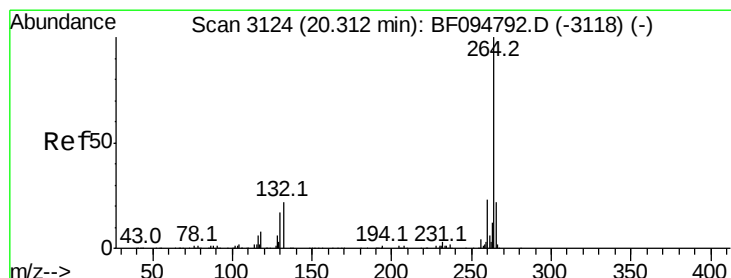
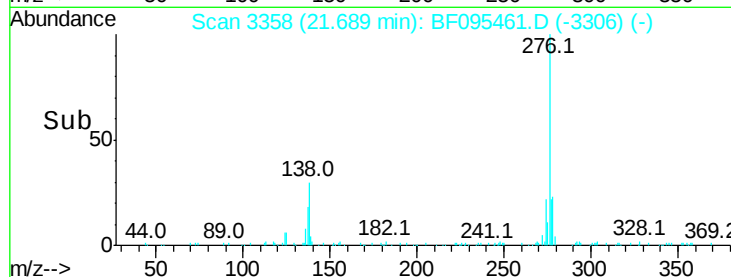
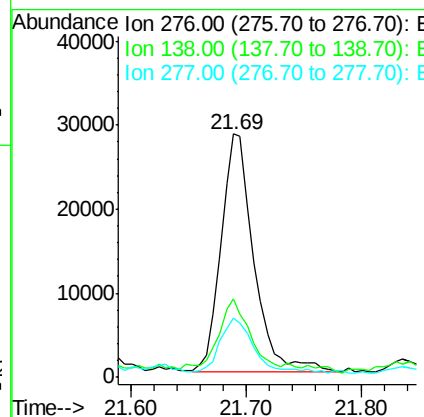
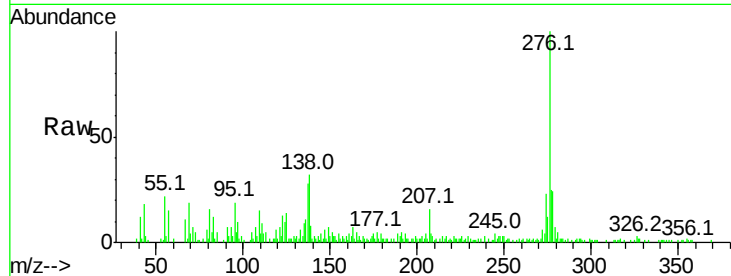
ClientSampleId :

EP1-WC10(0-2)

Tot Ion:	276	Resp:	54915
Ion Ratio	Lower	Upper	
276	100		
138	27.2	27.8	41.6#
277	24.1	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

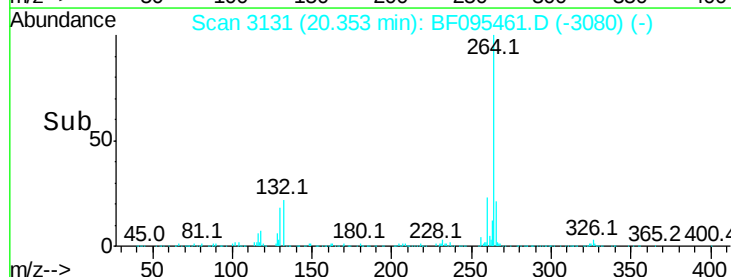
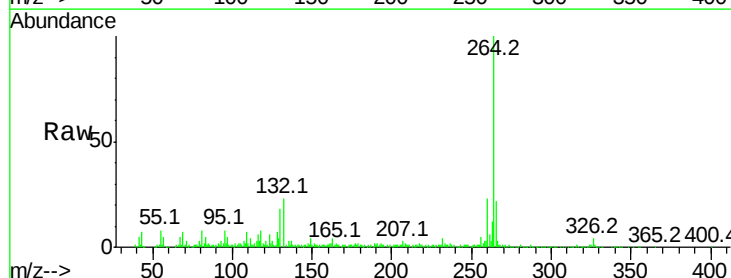
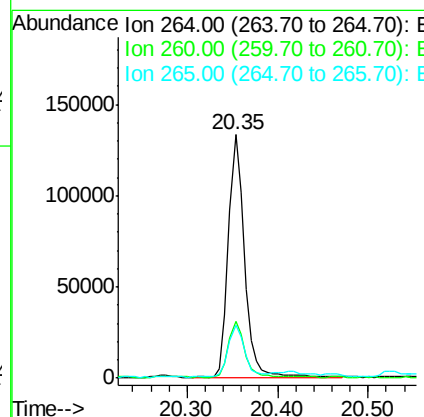
RT: 20.35 min Scan# 3131

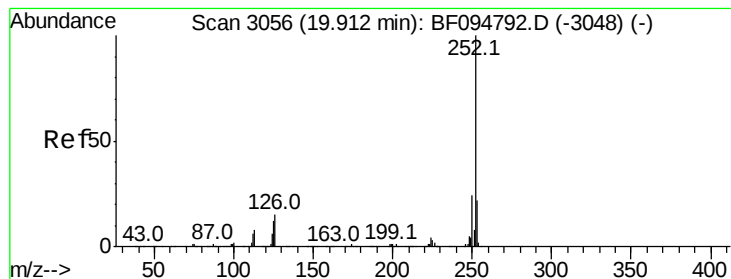
Delta R.T. 0.00 min

Lab File: BF095461.D

Acq: 26 May 2017 15:18

Tgt Ion:	264	Resp:	163487
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 14.63 ng m

RT: 19.95 min Scan# 3062

Delta R.T. 0.01 min

Lab File: BF095461.D

Acq: 26 May 2017 15:18

Instrument :

BNA_F

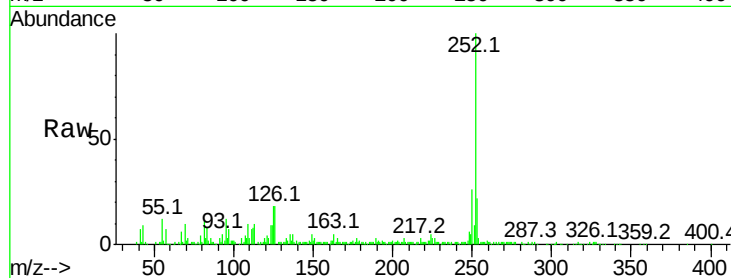
ClientSampled :

EP1-WC10(0-2)

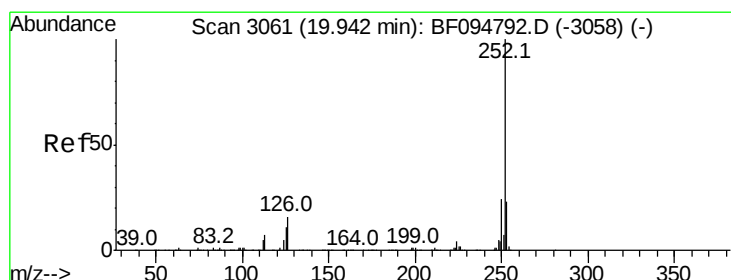
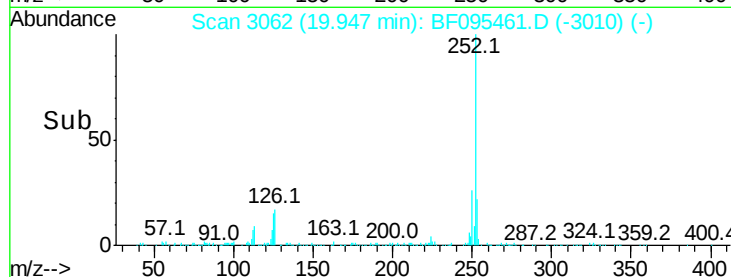
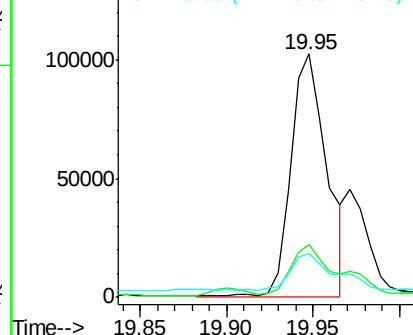
Tot Ion:	252	Resp:	147763
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	18.0	9.8	14.8#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 4.69 ng m

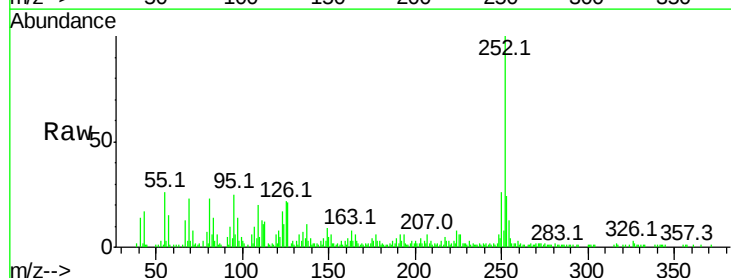
RT: 19.97 min Scan# 3066

Delta R.T. 0.00 min

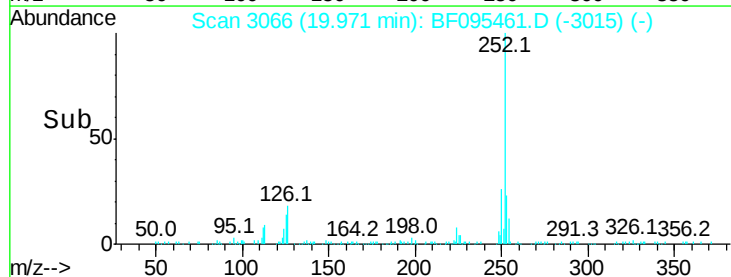
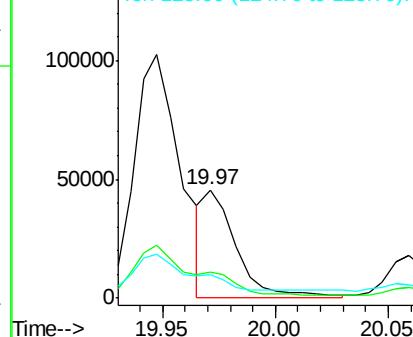
Lab File: BF095461.D

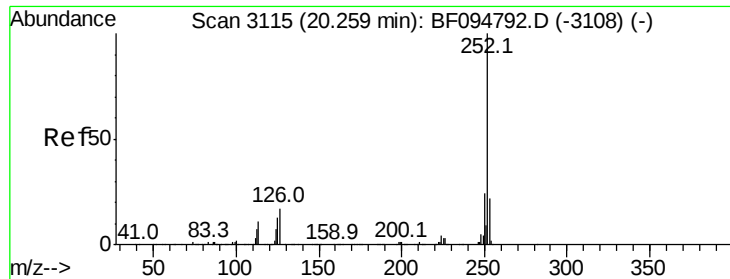
Acq: 26 May 2017 15:18

Tgt Ion:	252	Resp:	45710
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.4	27.6
125	21.9	13.1	19.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





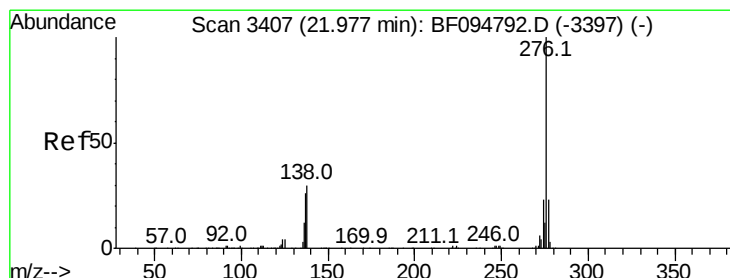
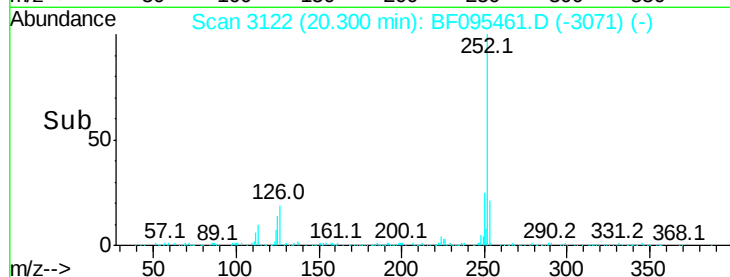
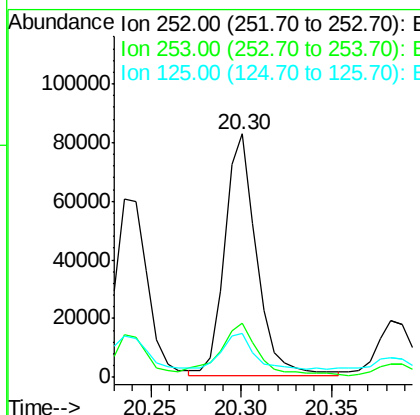
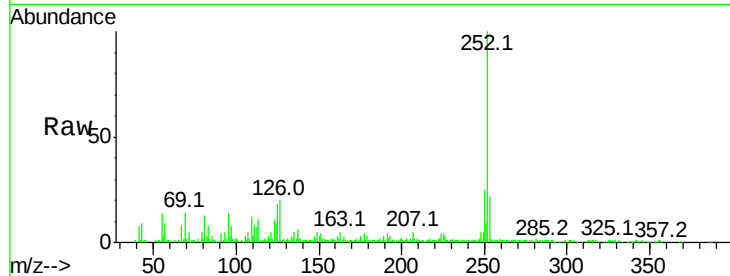
#89
Benzo(a)pyrene
Concen: 10.75 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095461.D
Acq: 26 May 2017 15:18

Instrument :
BNA_F
ClientSampleId :
EP1-WC10(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	18.0	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 8.36 ng
RT: 22.08 min Scan# 3424
Delta R.T. 0.01 min
Lab File: BF095461.D
Acq: 26 May 2017 15:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.6	28.0
138	31.2	25.4	38.0

