

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095643.D
 Acq On : 2 Jun 2017 20:04
 Operator : SJ/MA
 Sample : I3412-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2-COMP

Manual Integrations
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Quant Time: Jun 05 09:30:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	84104	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	324980	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	128323	20.00	ng	0.00
63) Phenanthrene-d10	14.79	188	199116	20.00	ng	-0.01
75) Chrysene-d12	18.49	240	169085	20.00	ng	0.00
86) Perylene-d12	20.17	264	123931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	582504	115.47	ng	0.00
7) Phenol-d6	7.09	99	662354	109.43	ng	-0.01
23) Nitrobenzene-d5	8.45	82	380521	73.84	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	101939	97.00	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	638119	71.57	ng	0.00
78) Terphenyl-d14	17.14	244	397224	51.74	ng	0.00
Target Compounds						
10) Phenol	7.11	94	27499	4.31	ng	Qvalue # 75
49) Dimethylphthalate	12.04	163	71151	6.75	ng	98
70) Phenanthrene	14.84	178	37629	3.29	ng	99
74) Fluoranthene	16.60	202	71238	6.07	ng	98
77) Pyrene	16.90	202	79910	6.32	ng	96
80) Benzo(a)anthracene	18.49	228	33002m	3.35	ng	
82) Chrysene	18.53	228	36092	3.79	ng	100
87) Benzo(b)fluoranthene	19.77	252	33752m	4.41	ng	
89) Benzo(a)pyrene	20.12	252	25456	3.60	ng	# 88
91) Benzo(g,h,i)perylene	21.79	276	13677m	2.39	ng	

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

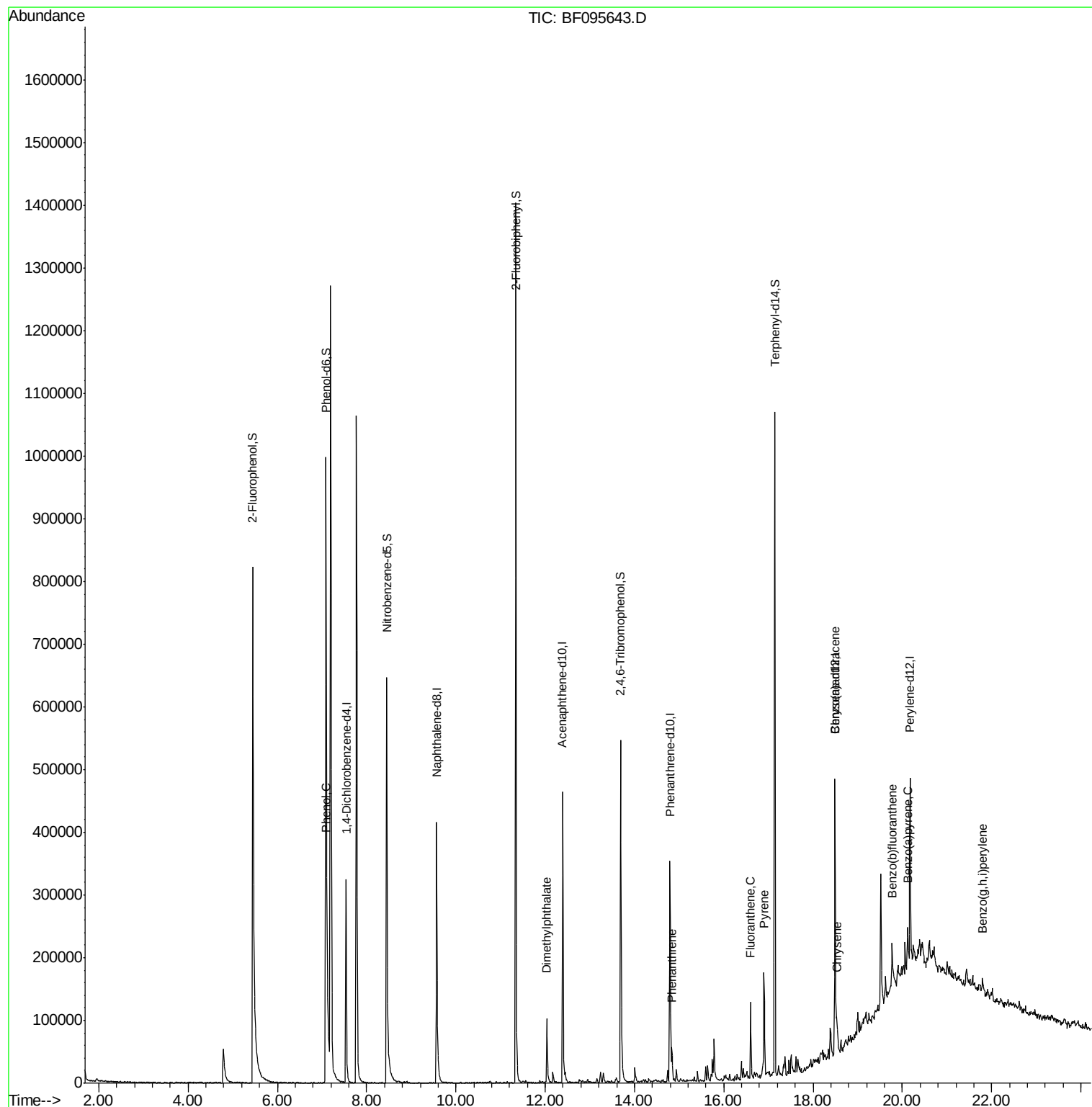
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
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Acq On : 2 Jun 2017 20:04
Operator : SJ/MA
Sample : I3412-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

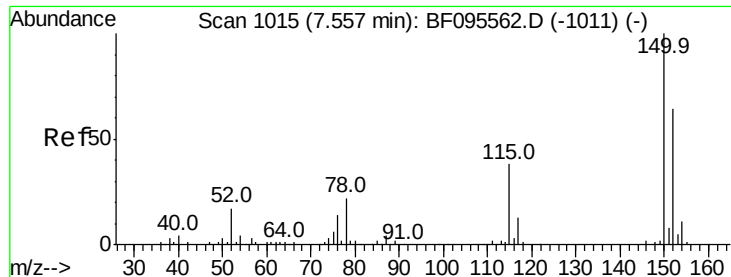
Instrument :
BNA_F
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TP-1-TP-2-COMP

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#1

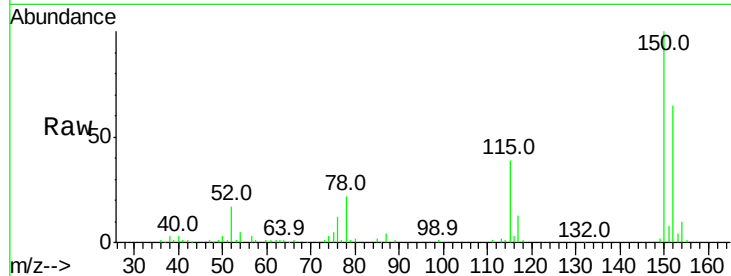
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF095643.D
Acq: 2 Jun 2017 20:04

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2-COMP

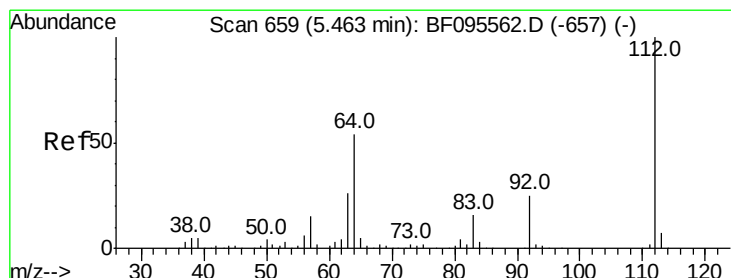
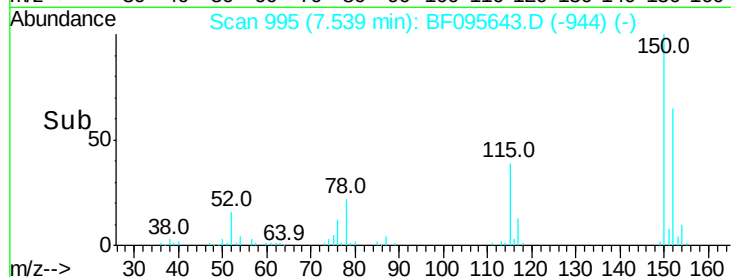
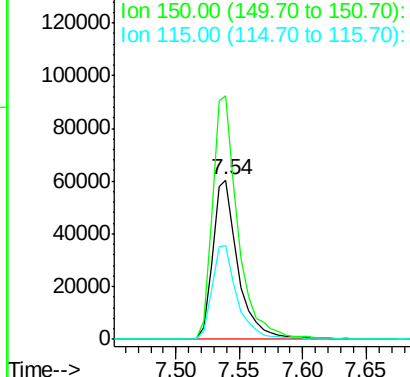
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.2	189.2
115	59.1	52.2	78.2

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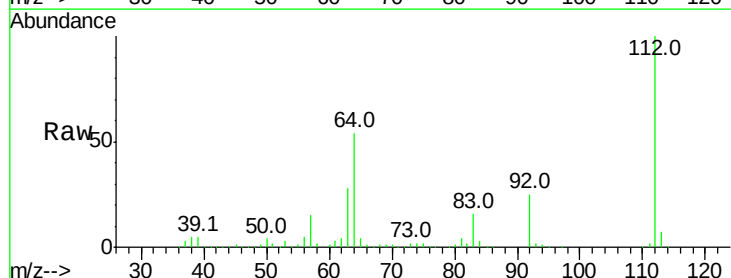
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



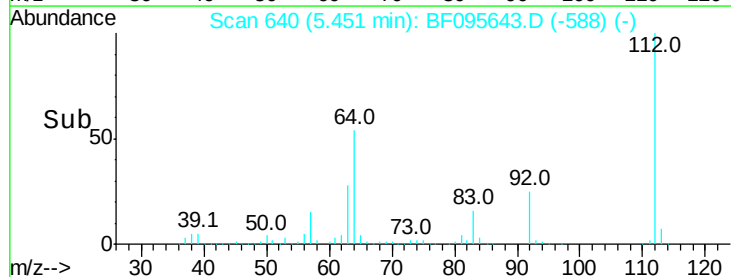
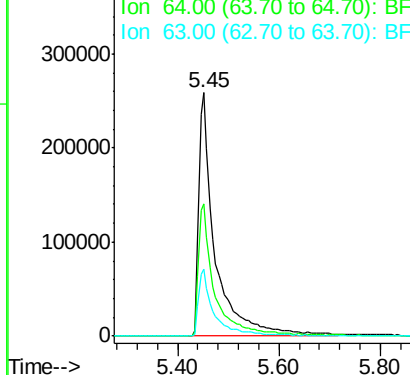
#5

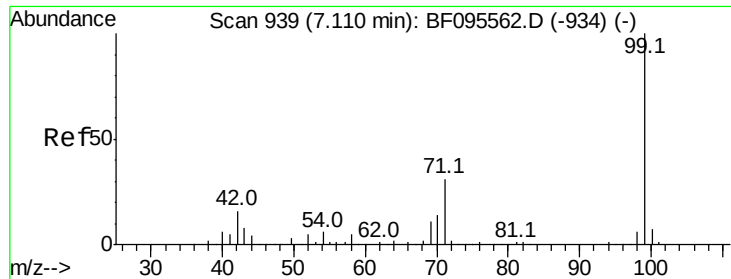
2-Fluorophenol
Concen: 115.47 ng
RT: 5.45 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF095643.D
Acq: 2 Jun 2017 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.0	69.0
63	27.6	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.43 ng

RT: 7.09 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF095643.D

Acq: 2 Jun 2017 20:04

Instrument :

BNA_F

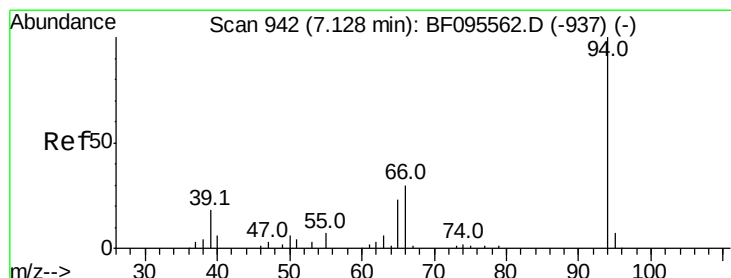
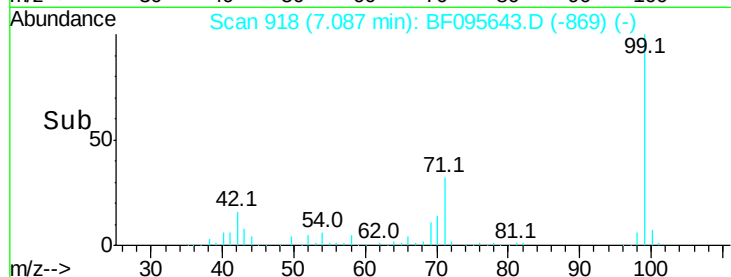
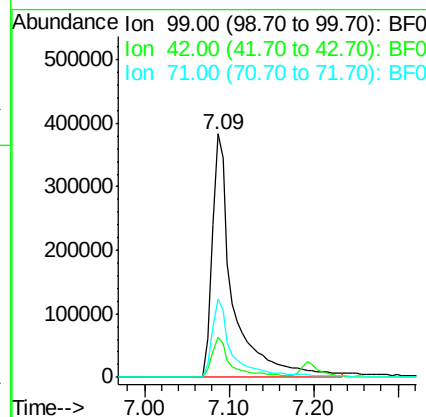
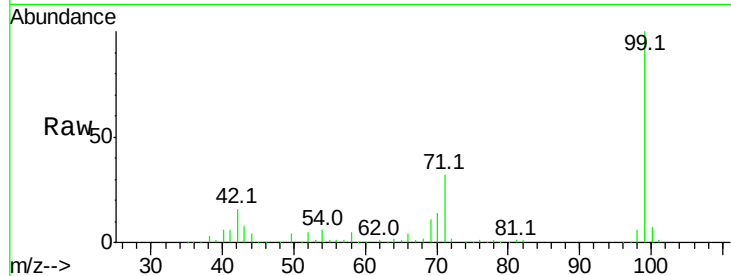
ClientSampleId :

TP-1-TP-2-COMP

Tot Ion:	99	Resp:	662354
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.0	24.5	36.7

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#10

Phenol

Concen: 4.31 ng

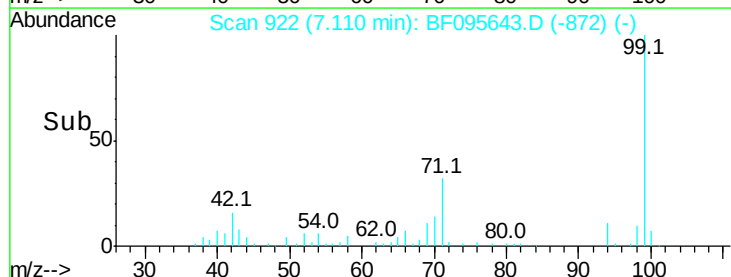
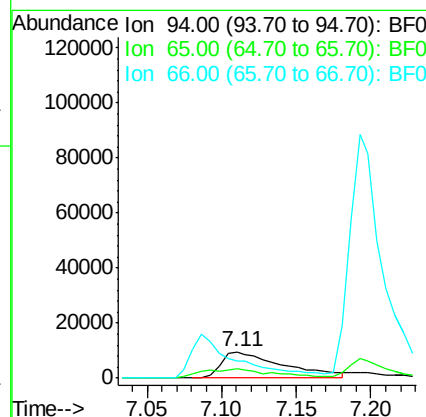
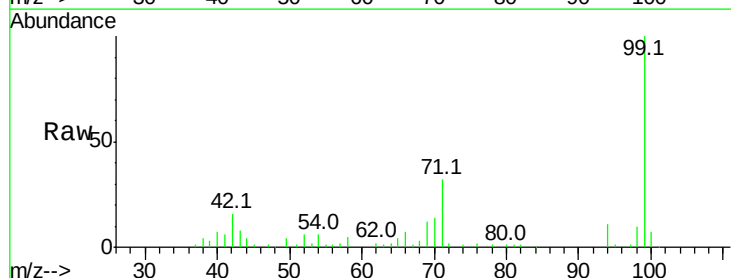
RT: 7.11 min Scan# 922

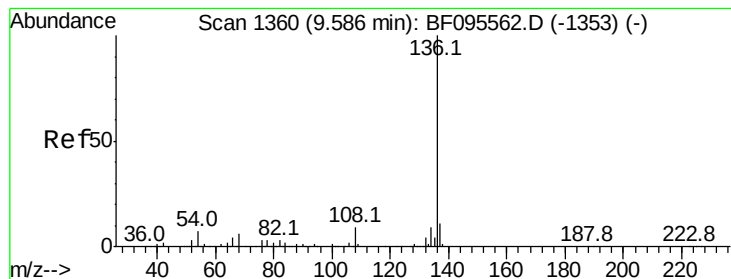
Delta R.T. -0.01 min

Lab File: BF095643.D

Acq: 2 Jun 2017 20:04

Tgt Ion:	94	Resp:	27499
Ion	Ratio	Lower	Upper
94	100		
65	34.4	9.9	49.9
66	66.7	23.1	63.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095643.D

Acq: 2 Jun 2017 20:04

Instrument :

BNA_F

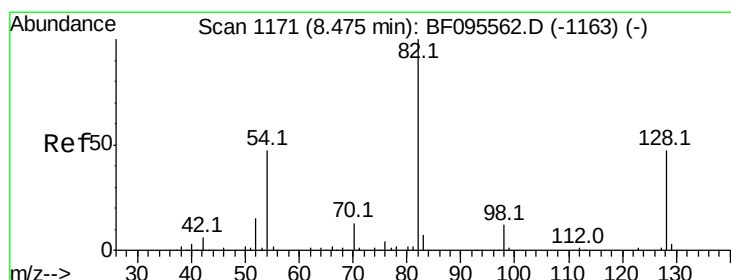
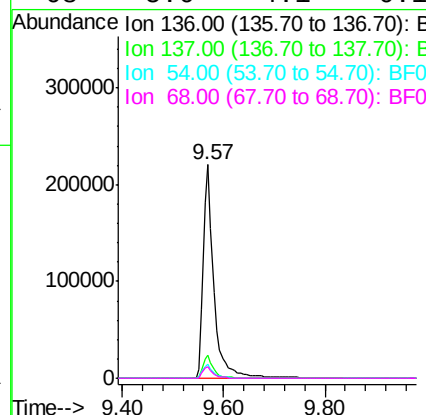
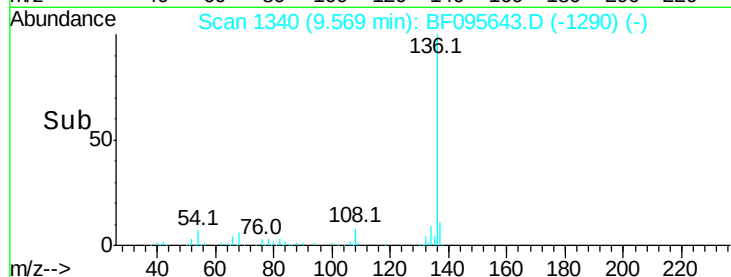
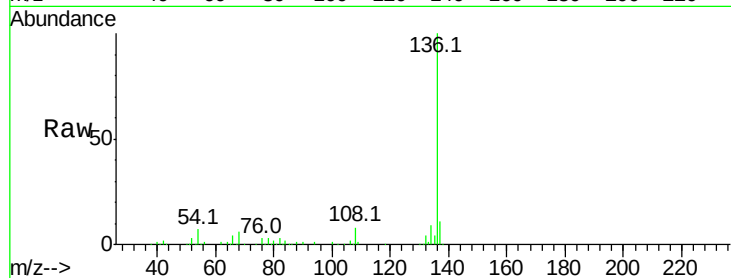
ClientSampleId :

TP-1-TP-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	6.8	4.9	7.3	
68	5.6	4.1	6.1	

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#23

Nitrobenzene-d5

Concen: 73.84 ng

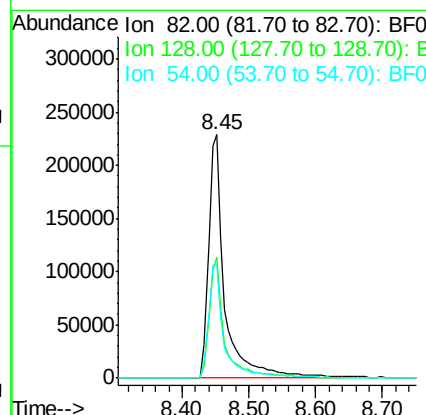
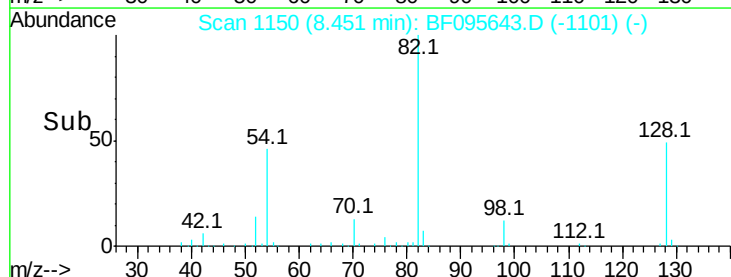
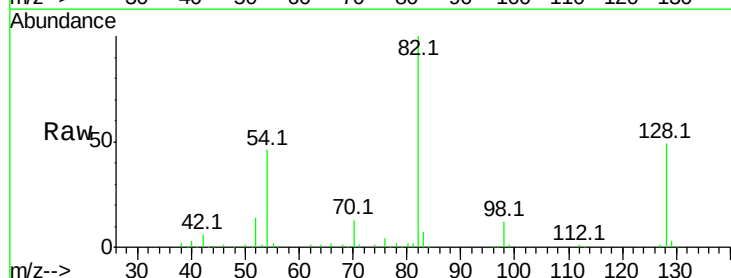
RT: 8.45 min Scan# 1150

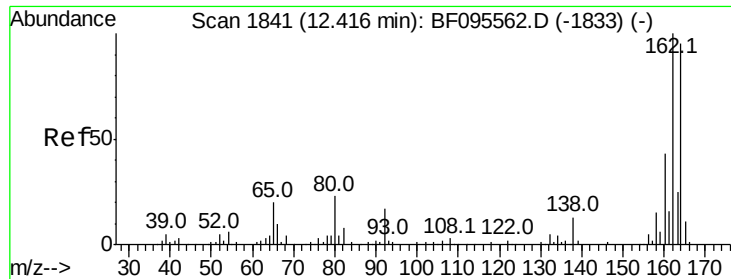
Delta R.T. -0.01 min

Lab File: BF095643.D

Acq: 2 Jun 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.5	34.0	51.0	
54	46.4	42.2	63.2	





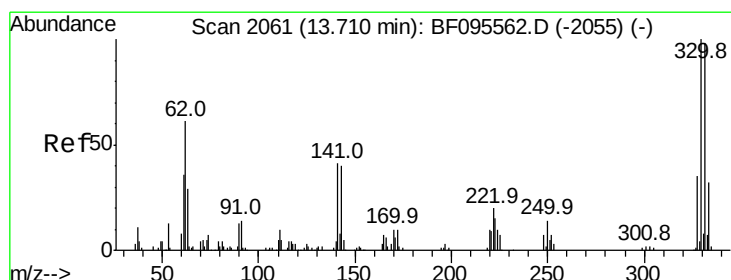
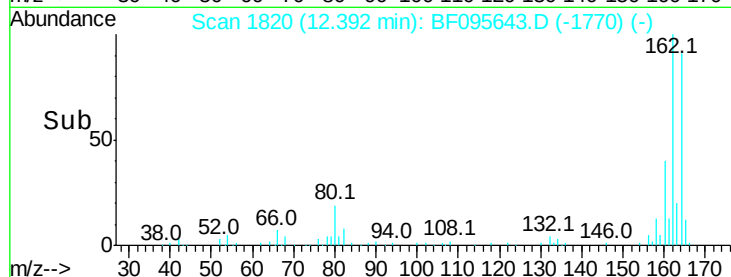
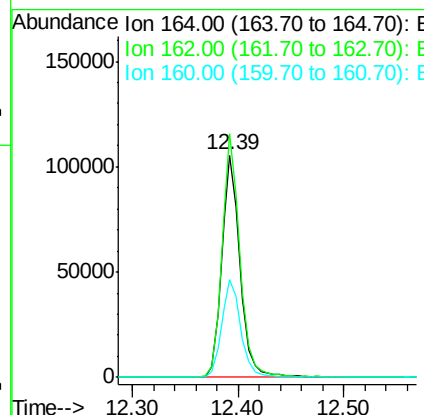
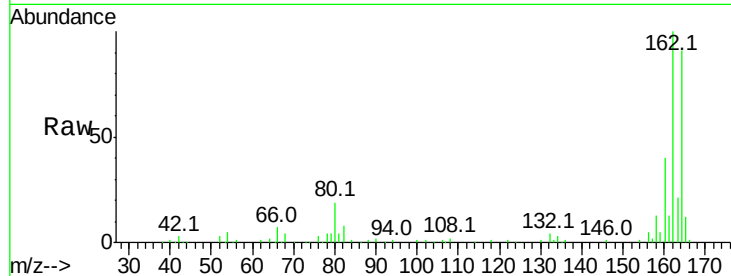
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095643.D
Acq: 2 Jun 2017 20:04

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	128323		
162	109.5	82.6	123.8	
160	44.1	36.2	54.2	

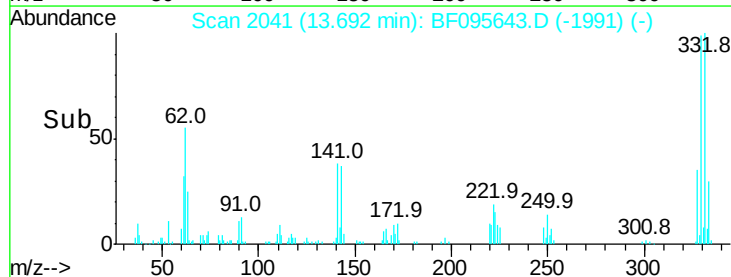
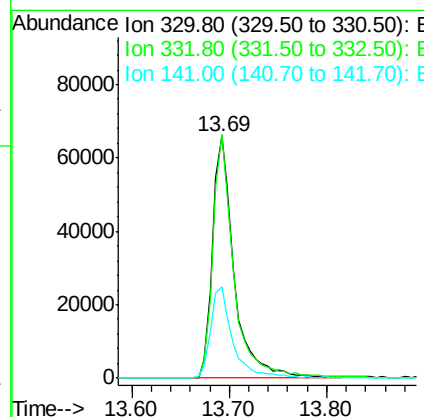
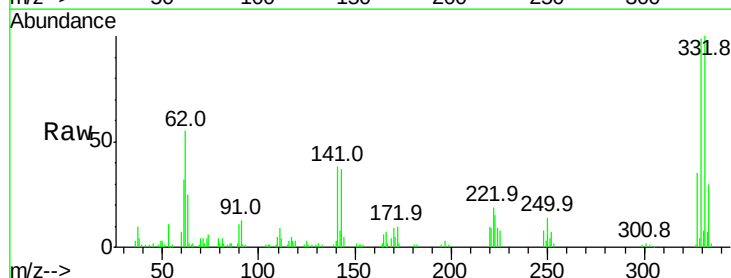
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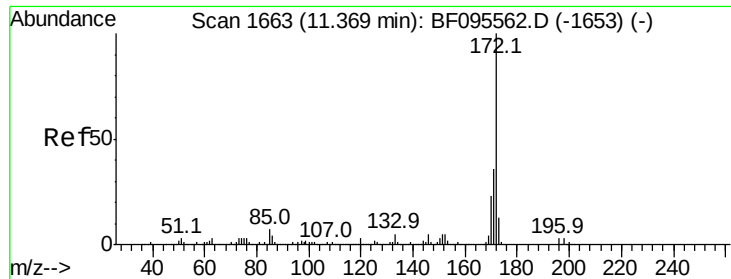
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#41
2,4,6-Tribromophenol
Concen: 97.00 ng
RT: 13.69 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF095643.D
Acq: 2 Jun 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	101939		
332	97.2	76.6	115.0	
141	38.4	31.4	47.2	





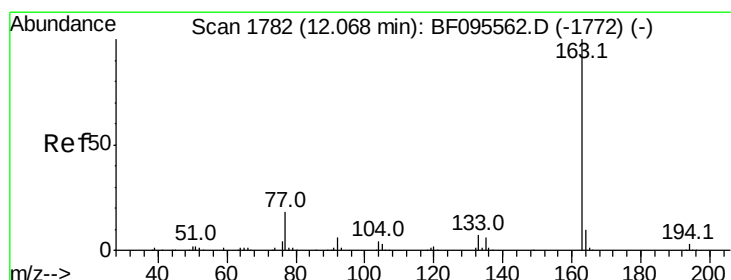
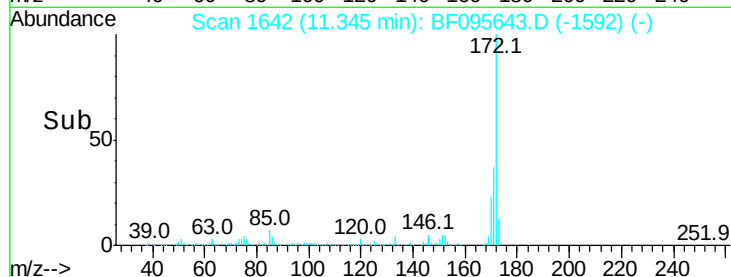
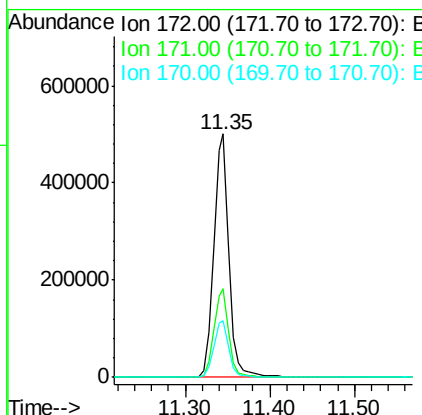
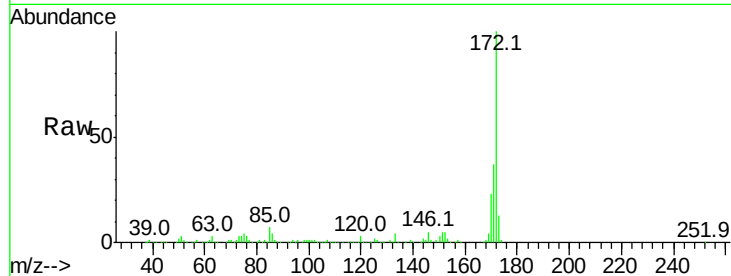
#44
2-Fluorobiphenyl
Concen: 71.57 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095643.D
Acq: 2 Jun 2017 20:04

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.5	19.8	29.8

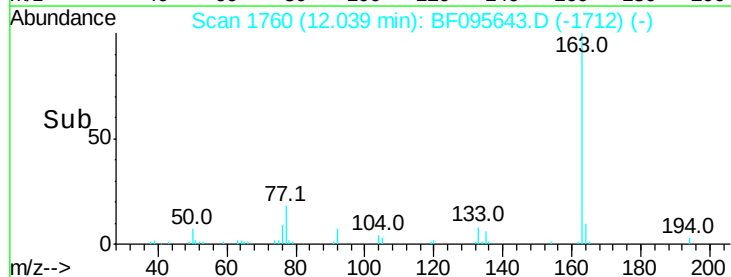
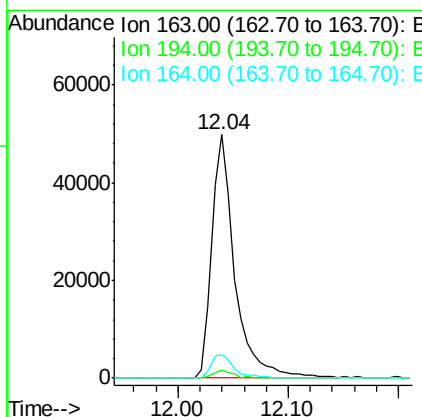
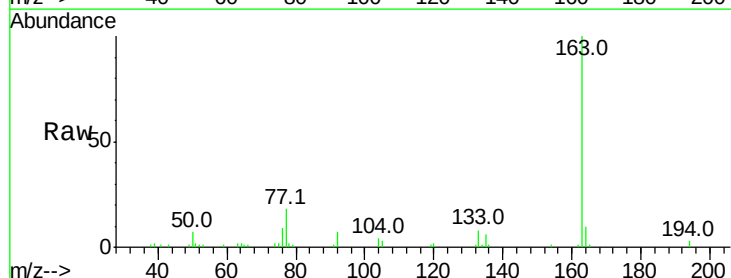
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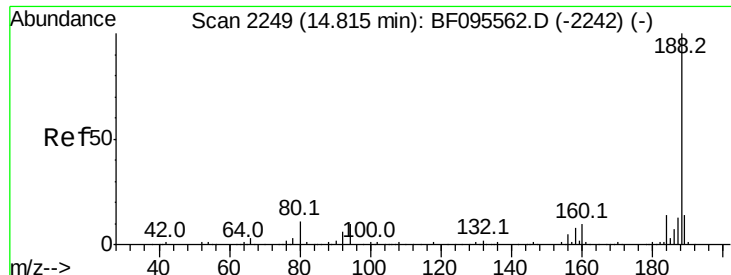
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#49
Dimethylphthalate
Concen: 6.75 ng
RT: 12.04 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF095643.D
Acq: 2 Jun 2017 20:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.5	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF095643.D

Acq: 2 Jun 2017 20:04

Instrument :

BNA_F

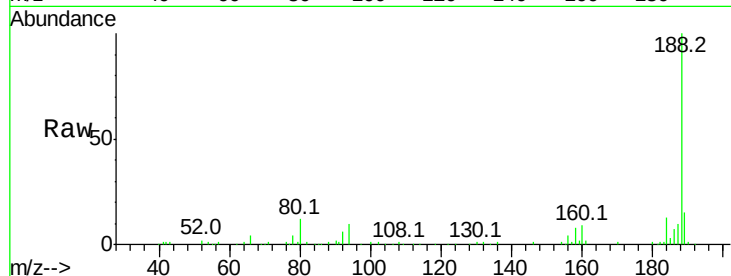
ClientSampleId :

TP-1-TP-2-COMP

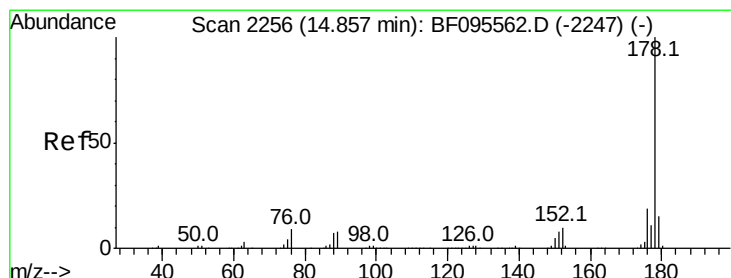
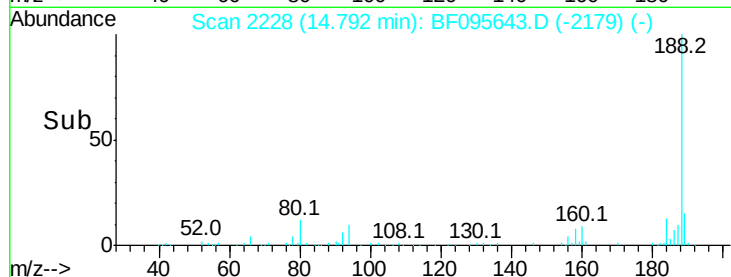
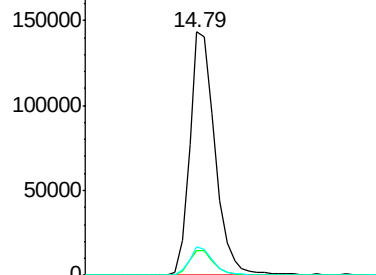
Tot Ion:	188	Resp:	199116
Ion Ratio	Lower	Upper	
188	100		
94	10.4	9.4	14.2
80	11.6	10.2	15.2

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 3.29 ng

RT: 14.84 min Scan# 2236

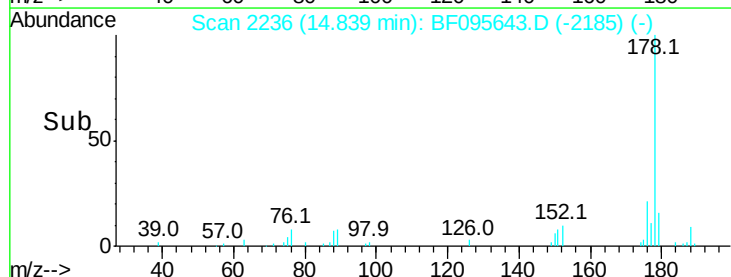
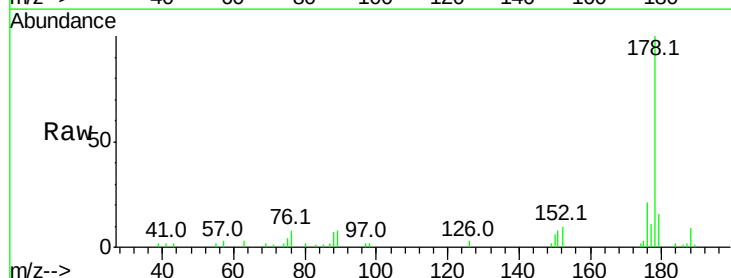
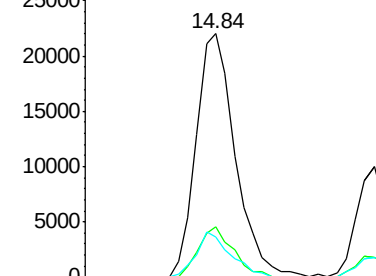
Delta R.T. 0.00 min

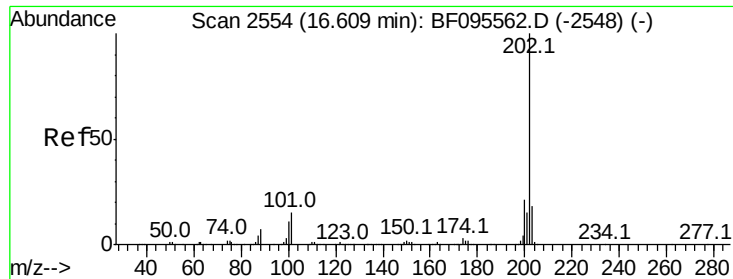
Lab File: BF095643.D

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Tgt Ion:	178	Resp:	37629
Ion Ratio	Lower	Upper	
178	100		
176	20.8	16.2	24.4
179	16.3	12.6	19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 6.07 ng

RT: 16.60 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF095643.D

Acq: 2 Jun 2017 20:04

Instrument :

BNA_F

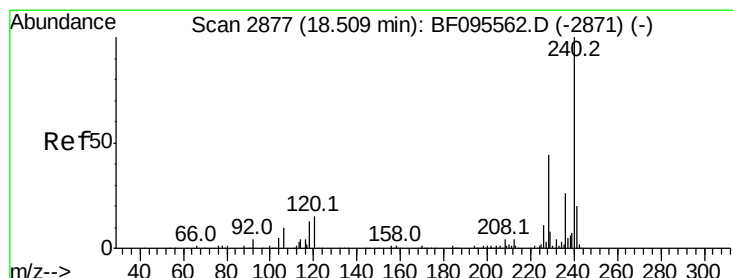
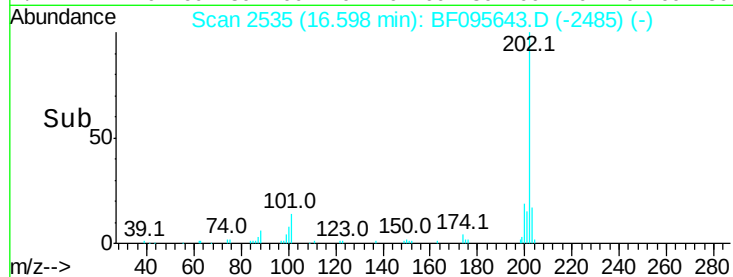
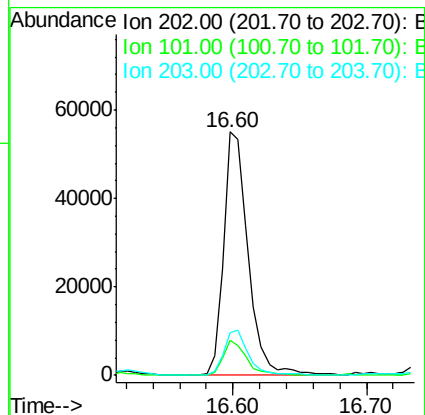
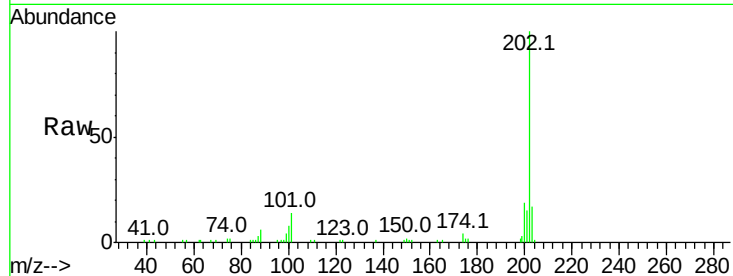
ClientSampleId :

TP-1-TP-2-COMP

Tot Ion:	202	Resp:	71238
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	33.2
203	17.3	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

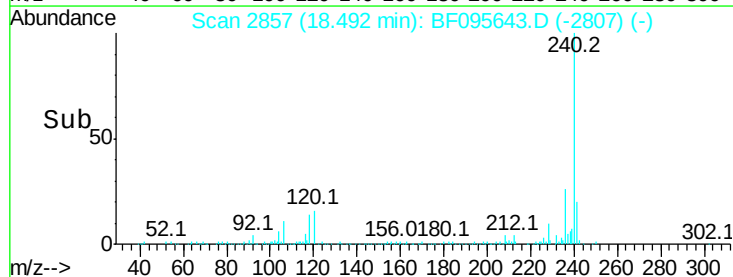
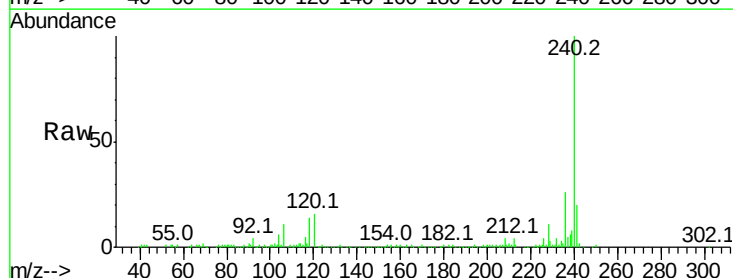
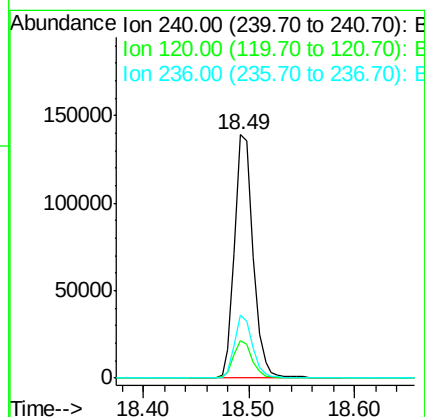
RT: 18.49 min Scan# 2857

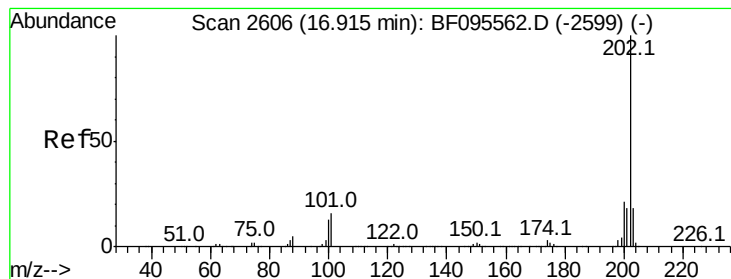
Delta R.T. -0.01 min

Lab File: BF095643.D

Acq: 2 Jun 2017 20:04

Tgt Ion:	240	Resp:	169085
Ion Ratio	Lower	Upper	
240	100		
120	15.6	5.8	8.8#
236	26.1	20.5	30.7





#77

Pvrene

Concen: 6.32 ng

RT: 16.90 min Scan# 2587

Delta R.T. 0.00 min

Lab File: BF095643.D

Acq: 2 Jun 2017 20:04

Instrument :

BNA_F

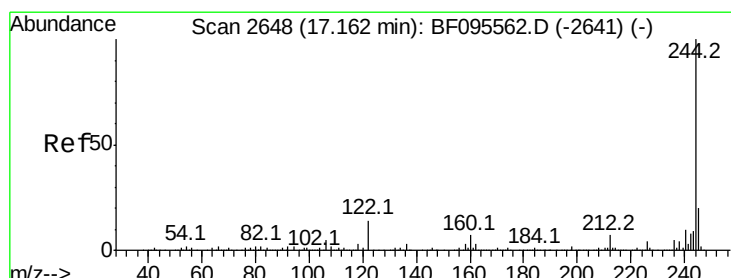
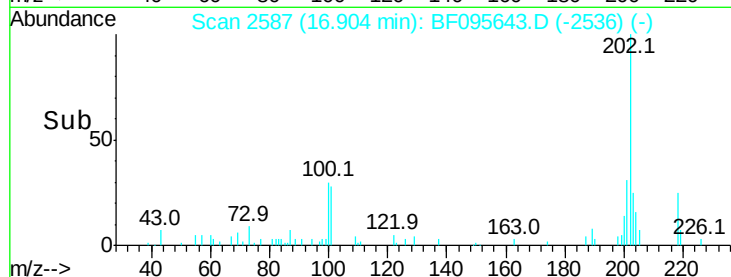
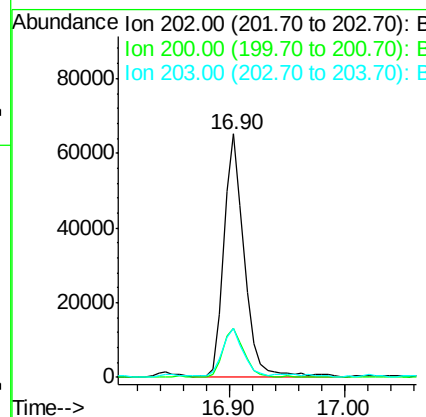
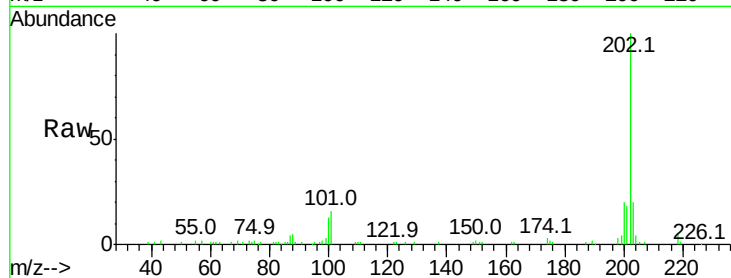
ClientSampleId :

TP-1-TP-2-COMP

Tot Ion:	202	Resp:	79910
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.6	26.4
203	20.2	14.4	21.6

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#78

Terphenyl-d14

Concen: 51.74 ng

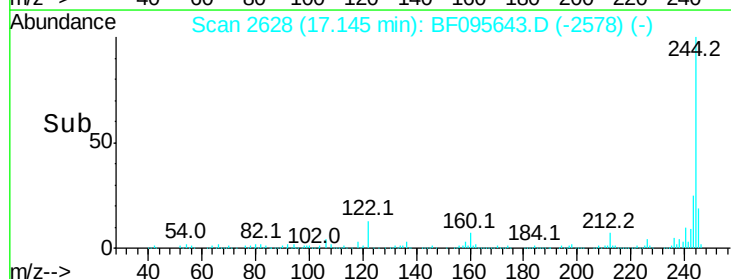
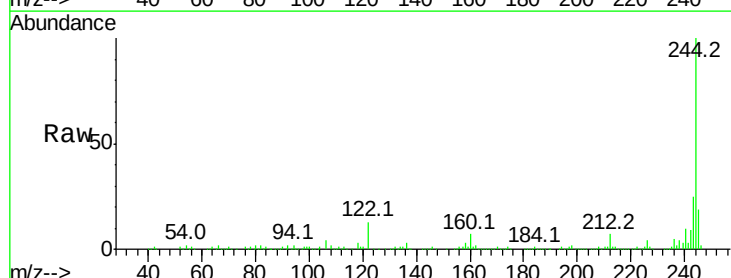
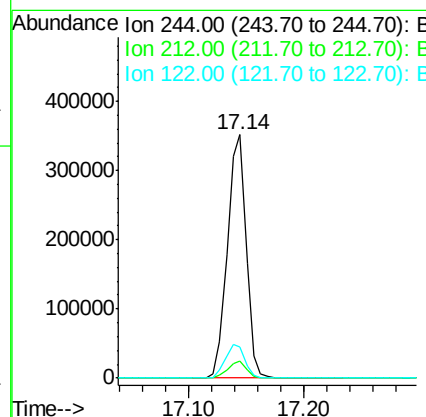
RT: 17.14 min Scan# 2628

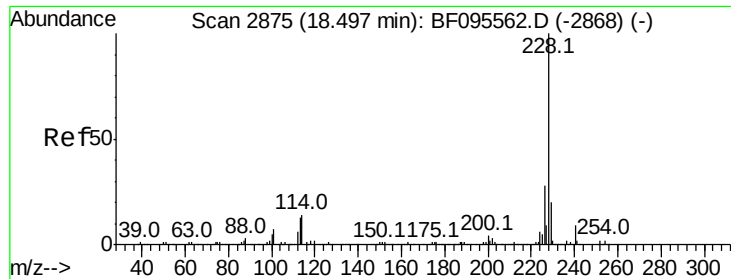
Delta R.T. -0.01 min

Lab File: BF095643.D

Acq: 2 Jun 2017 20:04

Tgt Ion:	244	Resp:	397224
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	13.0	10.3	15.5





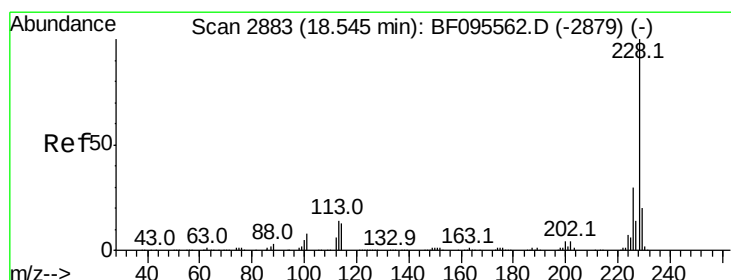
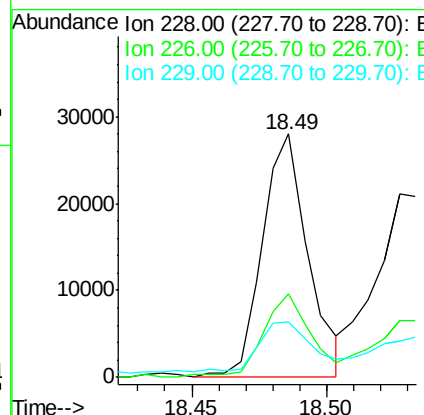
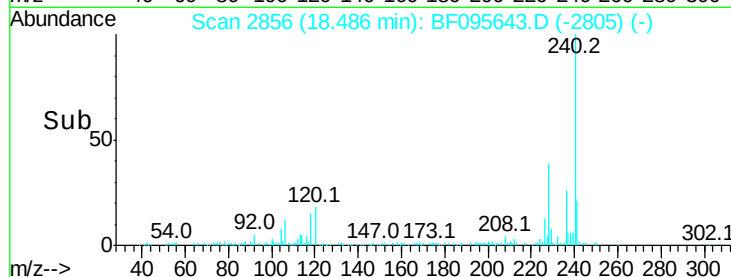
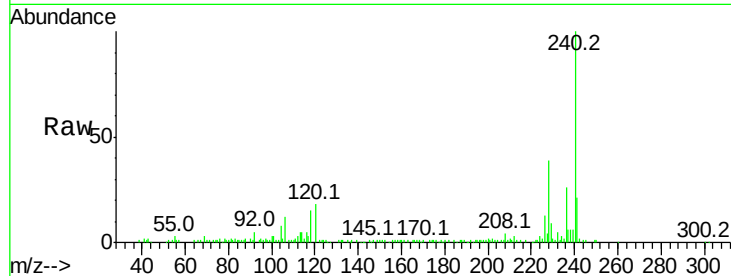
#80
Benzo(a)anthracene
Concen: 3.35 ng
RT: 18.49 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BF095643.D
Acq: 2 Jun 2017 20:04

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2-COMP

Tot Ion:228 Resp: 33002
Ion Ratio Lower Upper
228 100
226 34.3 22.6 33.8#
229 22.9 16.3 24.5

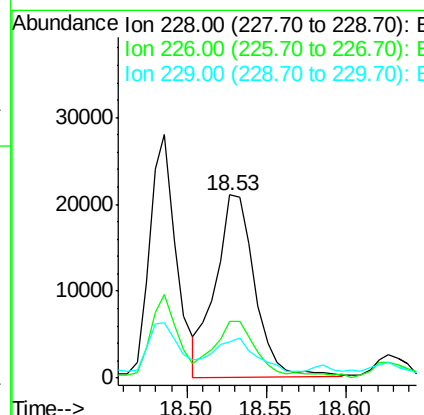
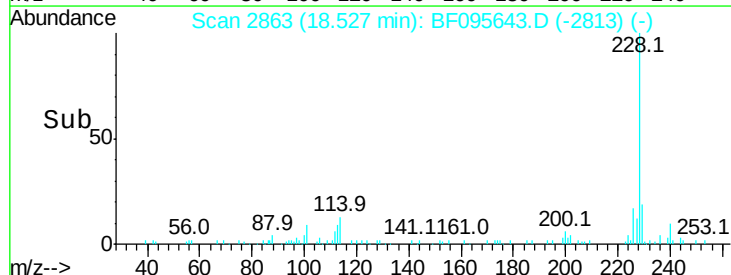
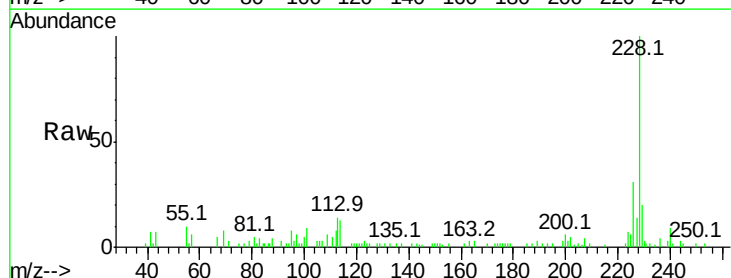
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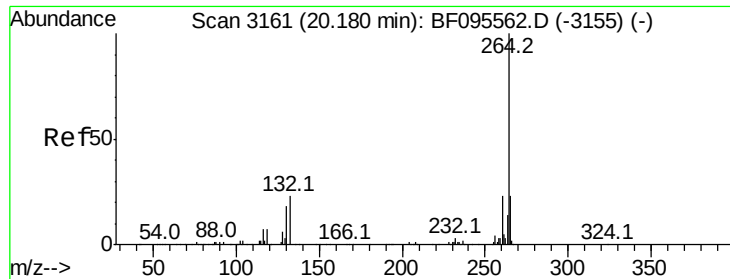
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#82
Chrysene
Concen: 3.79 ng
RT: 18.53 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BF095643.D
Acq: 2 Jun 2017 20:04

Tgt Ion:228 Resp: 36092
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 20.0 15.8 23.6





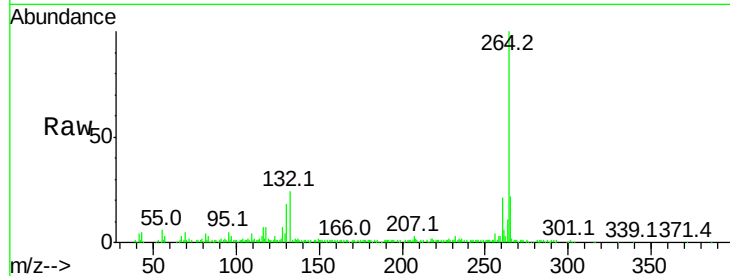
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BF095643.D
Acq: 2 Jun 2017 20:04

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2-COMP

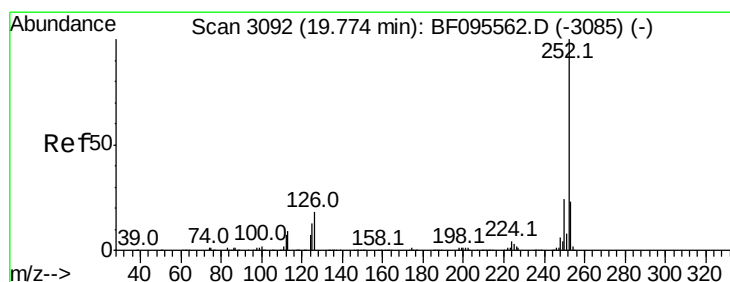
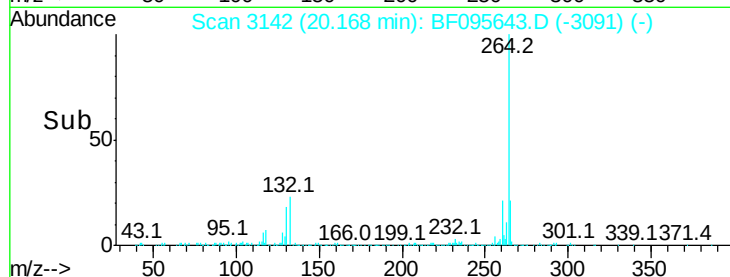
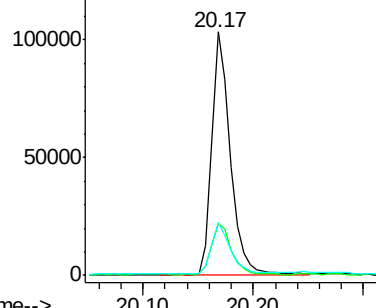
Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	19.5	29.3
265	21.5	17.2	25.8

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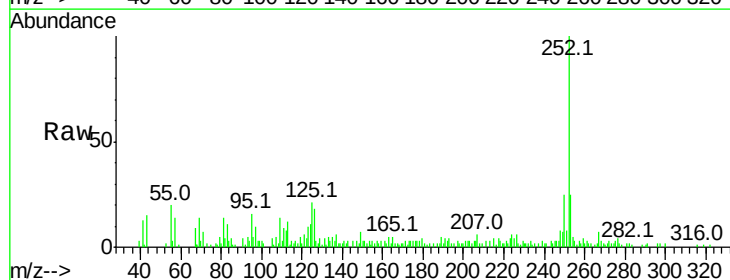


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

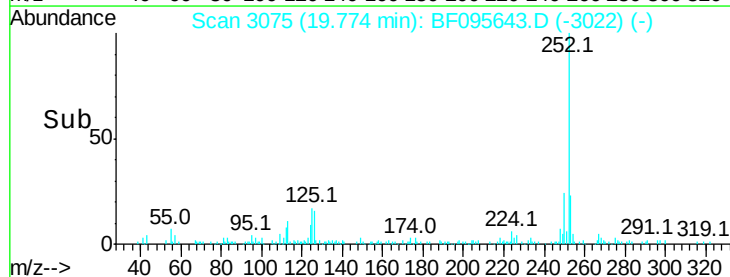
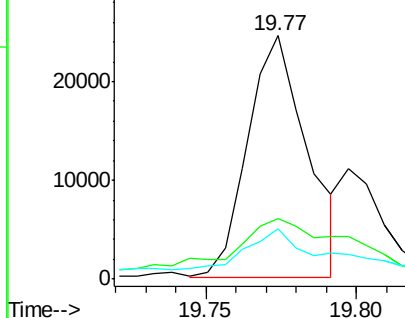


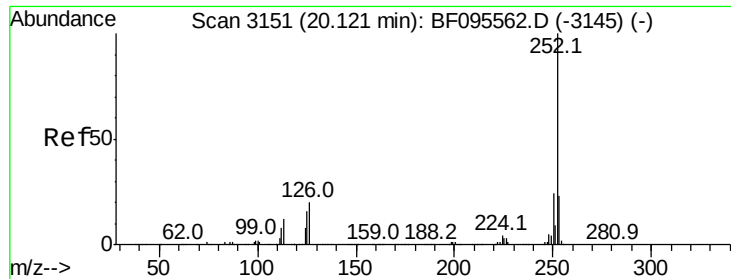
#87
Benzo(b)fluoranthene
Concen: 4.41 ng m
RT: 19.77 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BF095643.D
Acq: 2 Jun 2017 20:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	20.6	9.8	14.8#



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





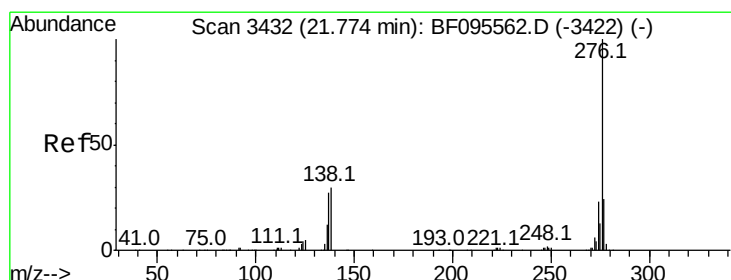
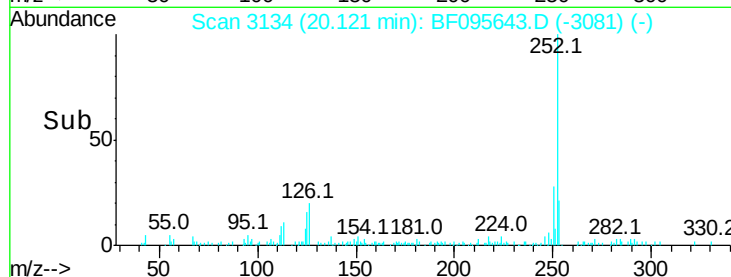
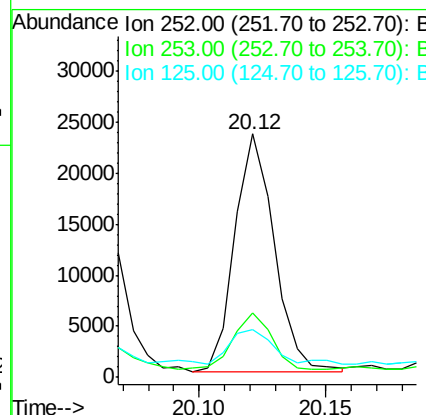
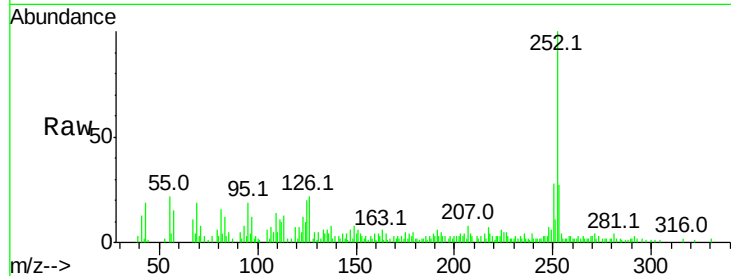
#89
Benzo(a)pyrene
Concen: 3.60 ng
RT: 20.12 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095643.D
Acq: 2 Jun 2017 20:04

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.5	26.3#
125	19.9	11.0	16.4#

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#91
Benzo(g,h,i)perylene
Concen: 2.39 ng m
RT: 21.79 min Scan# 3418
Delta R.T. 0.04 min
Lab File: BF095643.D
Acq: 2 Jun 2017 20:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.9	18.6	28.0#
138	40.9	25.4	38.0#

