

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095577.D
 Acq On : 31 May 2017 22:16
 Operator : SJ/MA
 Sample : I3341-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM14-COMP-0-6

Manual Integrations
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Quant Time: Jun 01 06:52:27 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 04:09:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	105024	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	436763	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	177387	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	239454	20.00	ng	0.00
75) Chrysene-d12	18.51	240	211463	20.00	ng	0.00
86) Perylene-d12	20.18	264	191427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	595151	94.48	ng	0.00
7) Phenol-d6	7.11	99	751597	99.44	ng	0.00
23) Nitrobenzene-d5	8.47	82	475020	68.58	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	124432	85.65	ng	0.00
44) 2-Fluorobiphenyl	11.36	172	627534	50.92	ng	0.00
78) Terphenyl-d14	17.15	244	350344	36.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.05	163	146007	10.03	ng	98
70) Phenanthrene	14.85	178	53135	3.86	ng	98
74) Fluoranthene	16.61	202	95597	6.77	ng	99
77) Pyrene	16.91	202	82398	5.21	ng	96
80) Benzo(a)anthracene	18.49	228	39468	3.21	ng	94
82) Chrysene	18.54	228	41011	3.45	ng	99
85) Indeno(1,2,3-cd)pyrene	21.44	276	25248	2.61	ng	98
87) Benzo(b)fluoranthene	19.78	252	46885m	3.96	ng	
89) Benzo(a)pyrene	20.12	252	37589	3.44	ng	# 94
91) Benzo(g,h,i)perylene	21.80	276	22177	2.51	ng	# 93

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

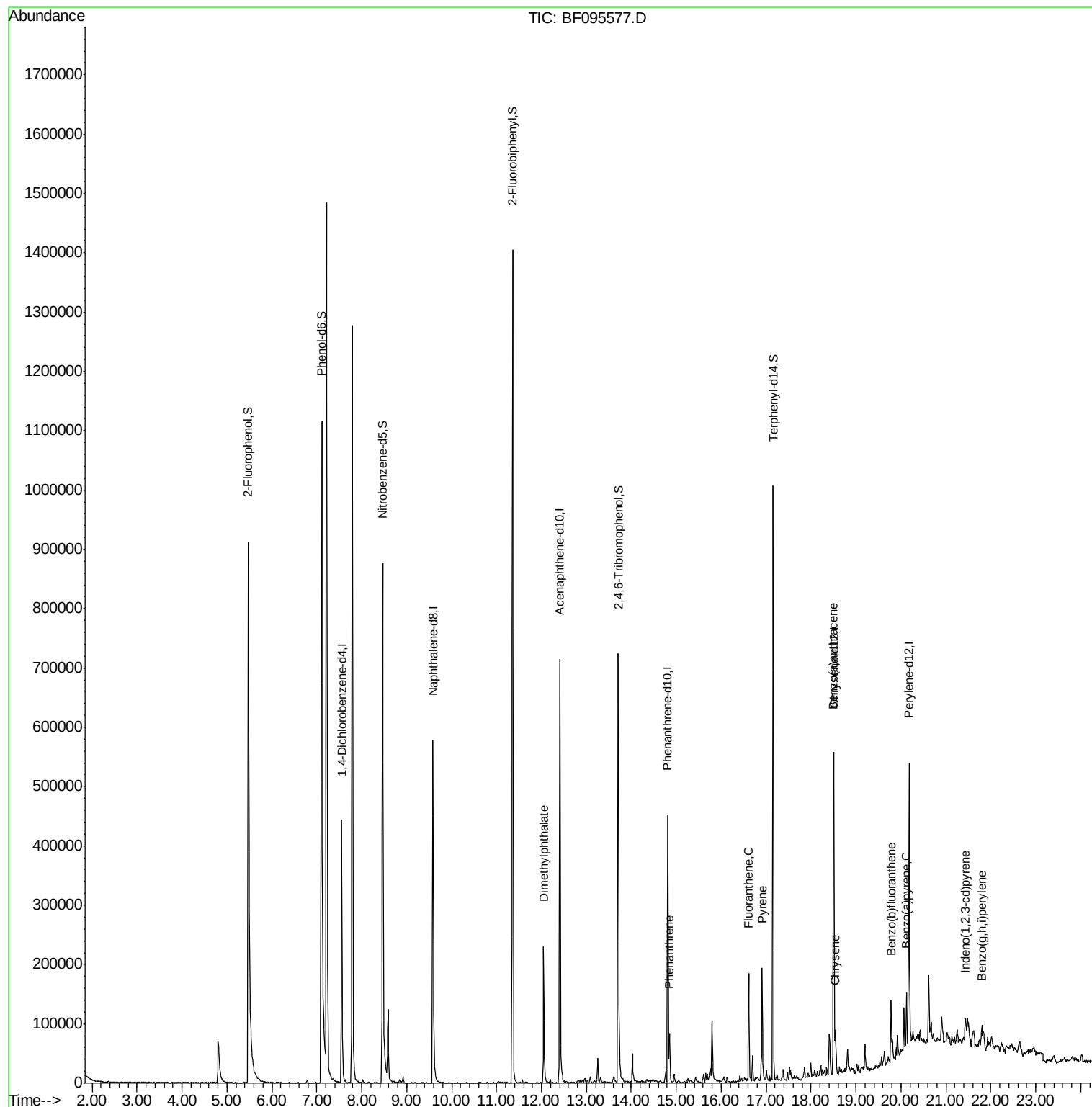
Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
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Sample : I3341-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

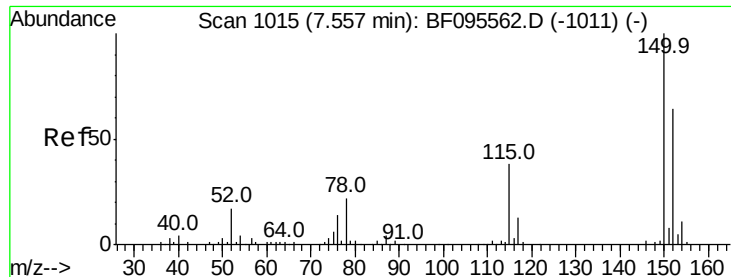
Instrument :
BNA_F
ClientSampleId :
NM14-COMP-0-6

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#1

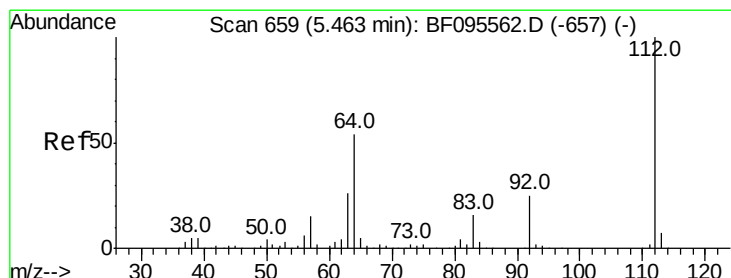
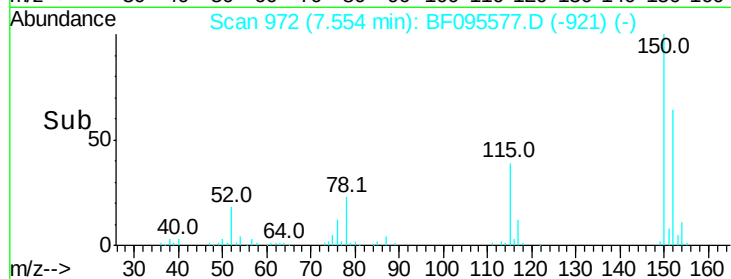
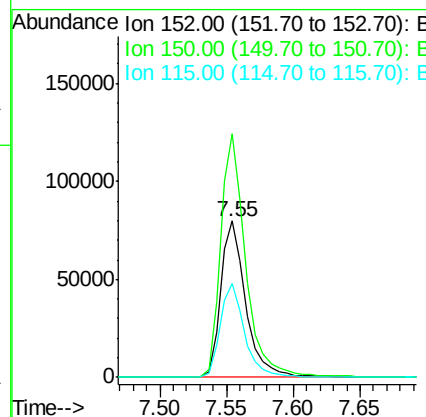
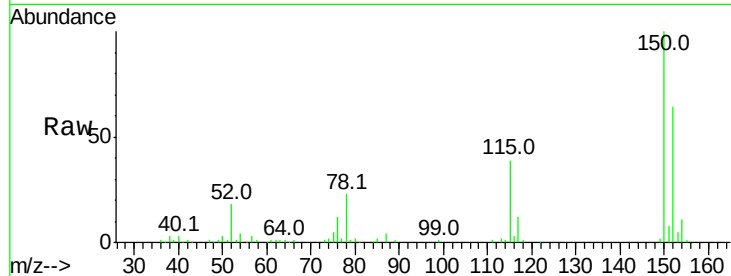
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF095577.D
Acq: 31 May 2017 22:16

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	60.1	52.2	78.2

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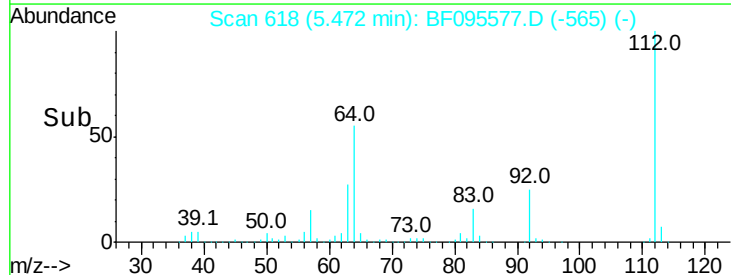
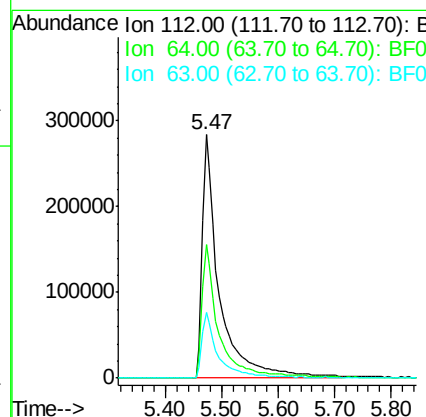
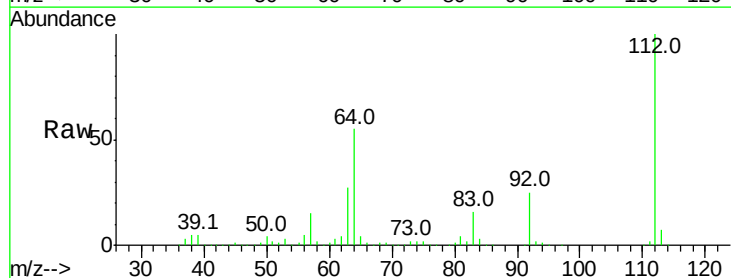
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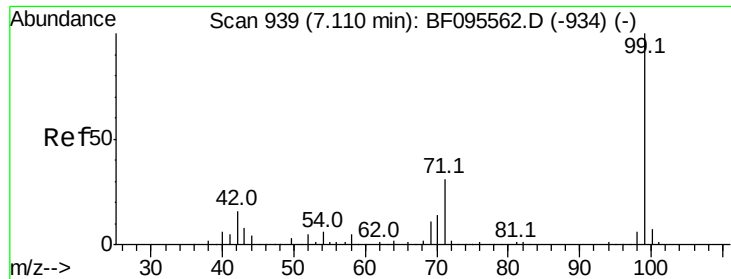


#5

2-Fluorophenol
Concen: 94.48 ng
RT: 5.47 min Scan# 618
Delta R.T. 0.01 min
Lab File: BF095577.D
Acq: 31 May 2017 22:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	26.8	23.4	35.0





#7

Phenol-d6

Concen: 99.44 ng

RT: 7.11 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF095577.D

Acq: 31 May 2017 22:16

Instrument :

BNA_F

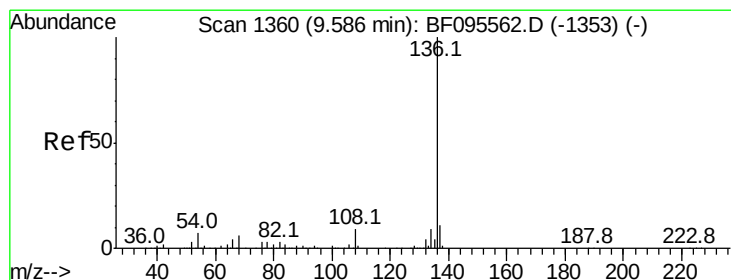
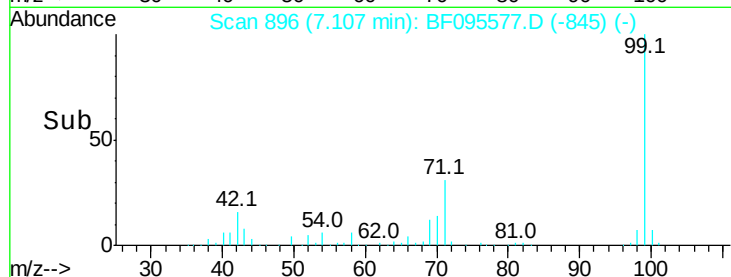
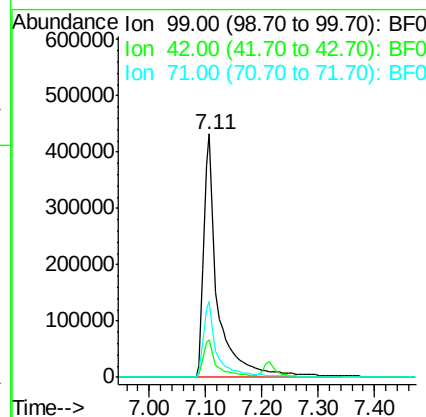
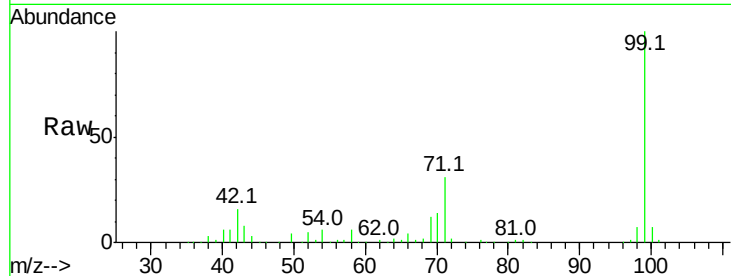
ClientSampleId :

NM14-COMP-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		751597		
42	15.6	13.5	20.3		
71	31.2	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

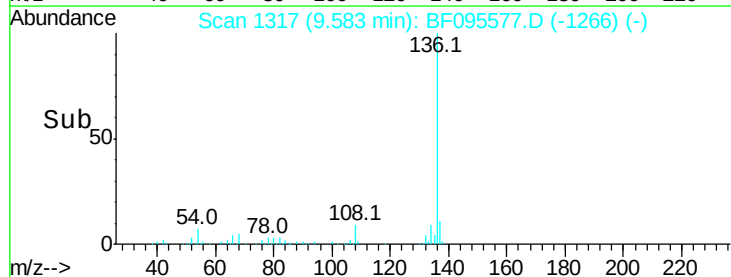
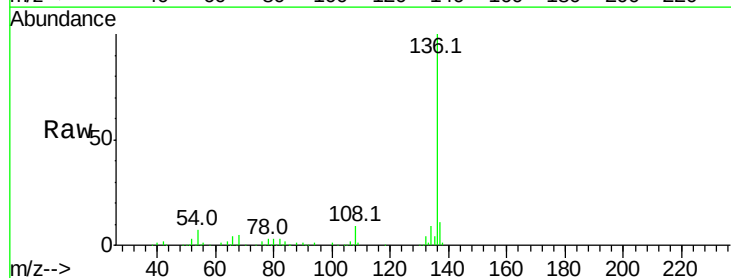
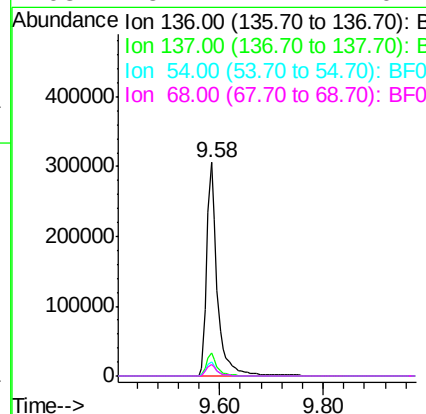
RT: 9.58 min Scan# 1317

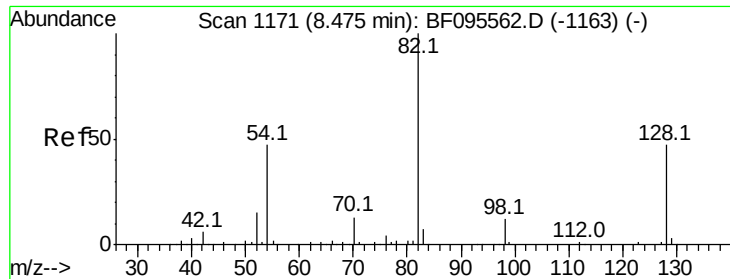
Delta R.T. -0.00 min

Lab File: BF095577.D

Acq: 31 May 2017 22:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		436763		
137	10.5	8.5	12.7		
54	6.8	4.9	7.3		
68	5.4	4.1	6.1		





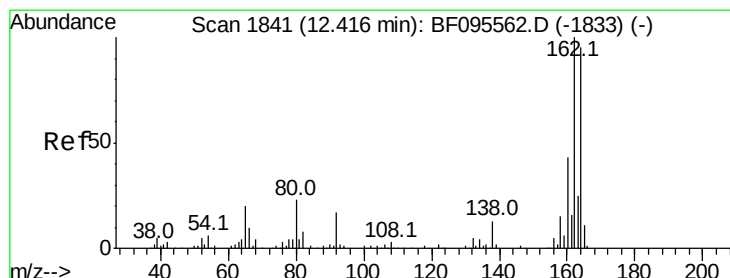
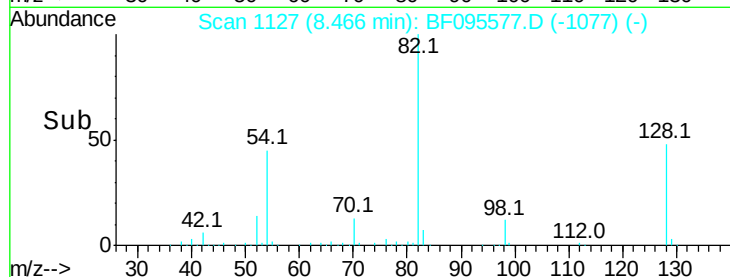
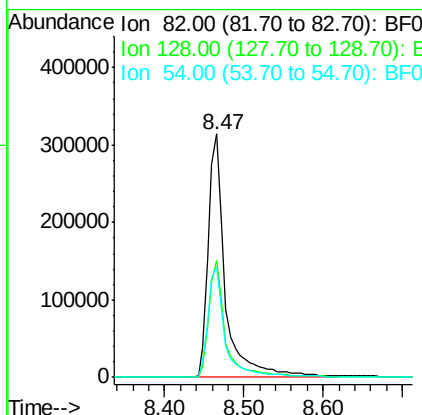
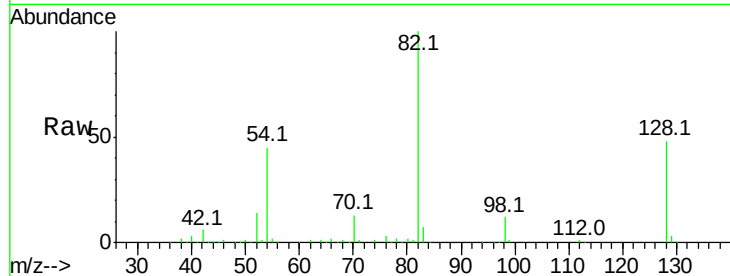
#23
Nitrobenzene-d5
Concen: 68.58 ng
RT: 8.47 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF095577.D
Acq: 31 May 2017 22:16

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	45.4	42.2	63.2

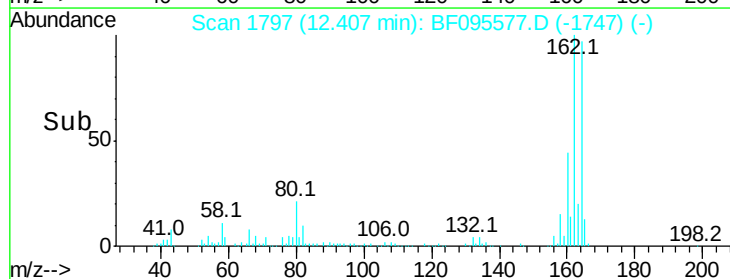
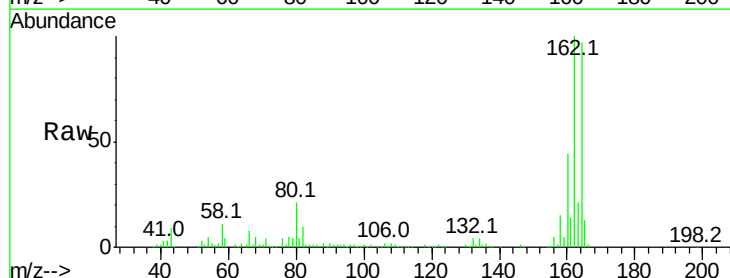
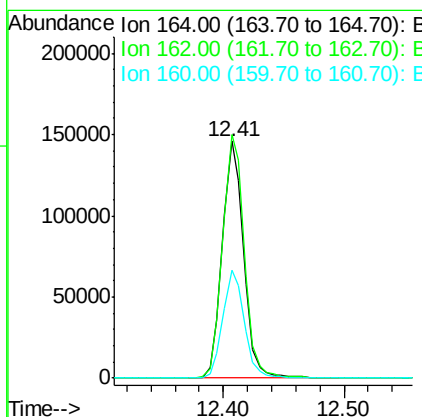
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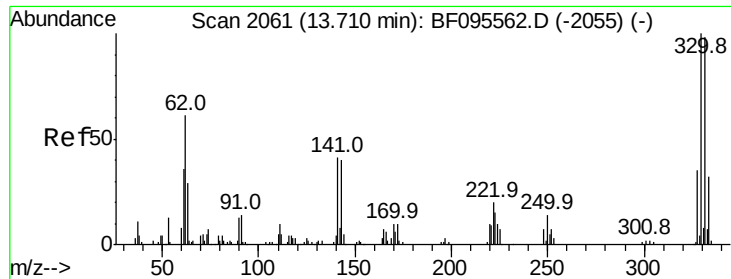
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF095577.D
Acq: 31 May 2017 22:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.5	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 85.65 ng

RT: 13.71 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF095577.D

Acq: 31 May 2017 22:16

Instrument :

BNA_F

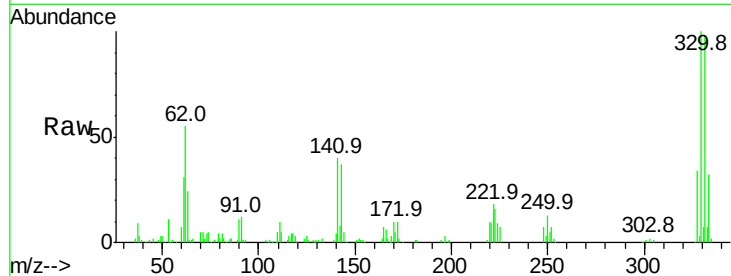
ClientSampleId :

NM14-COMP-0-6

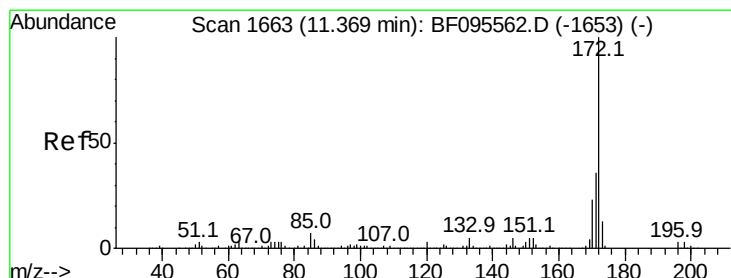
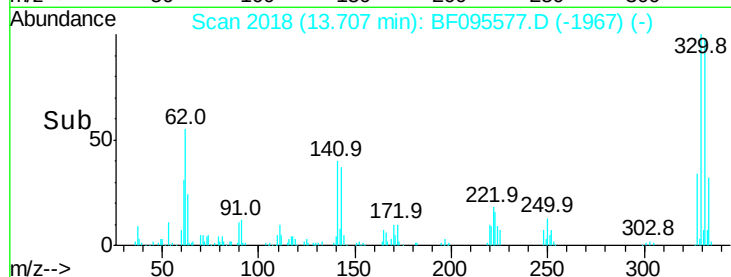
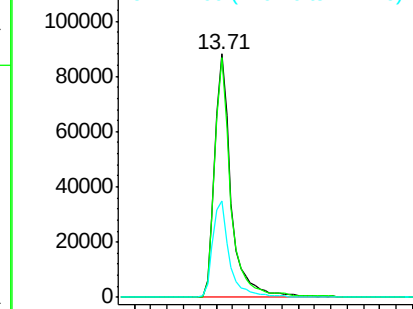
Tot Ion:	330	Resp:	124432
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.6	115.0
141	40.5	31.4	47.2

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 50.92 ng

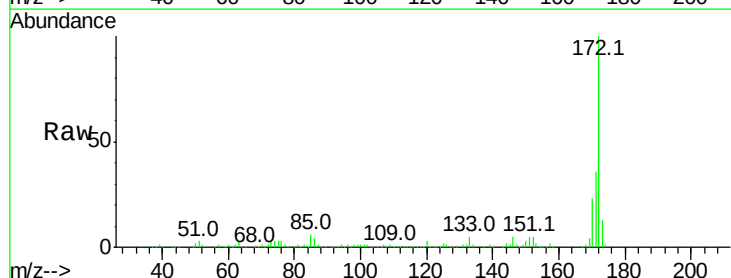
RT: 11.36 min Scan# 1619

Delta R.T. -0.01 min

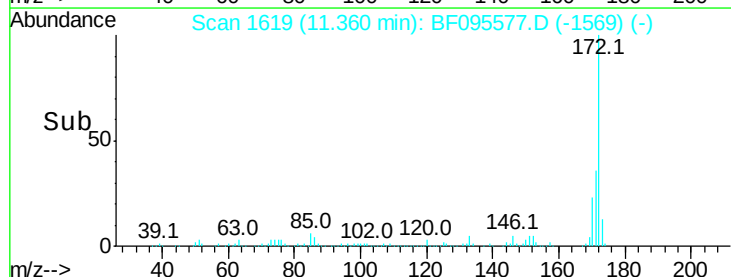
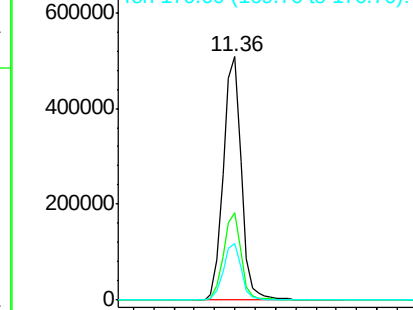
Lab File: BF095577.D

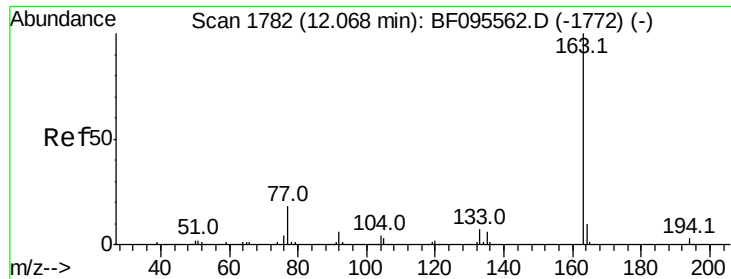
Acq: 31 May 2017 22:16

Tgt Ion:	172	Resp:	627534
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.6	44.4
170	23.3	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.03 ng

RT: 12.05 min Scan# 1736

Delta R.T. -0.02 min

Lab File: BF095577.D

Acq: 31 May 2017 22:16

Instrument :

BNA_F

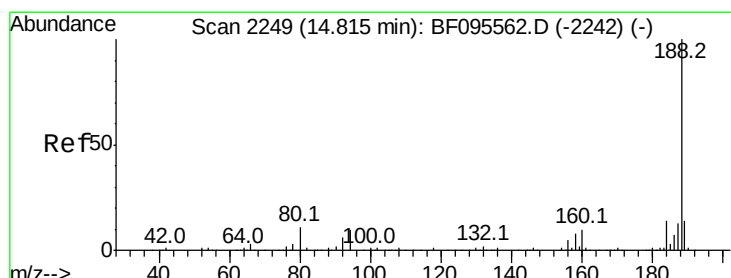
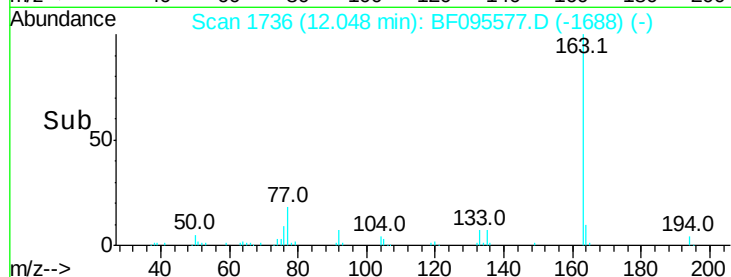
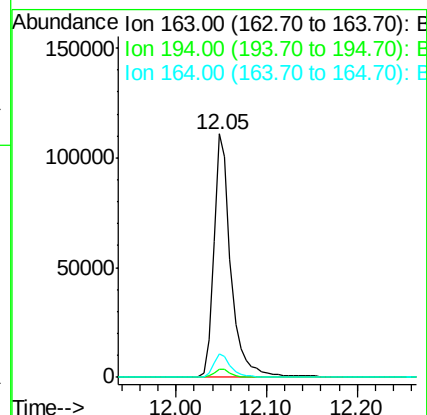
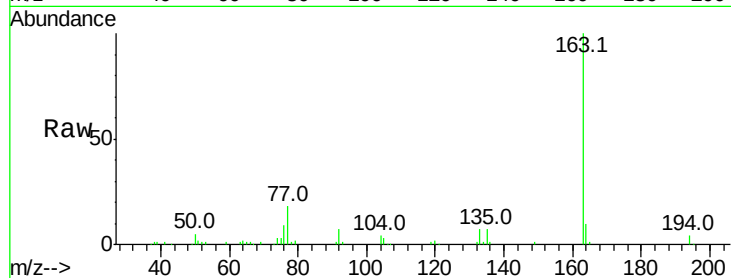
ClientSampleId :

NM14-COMP-0-6

Tot Ion:	163	Resp:	146007
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	9.7	8.4	12.6

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#63

Phenanthrene-d10

Concen: 20.00 ng

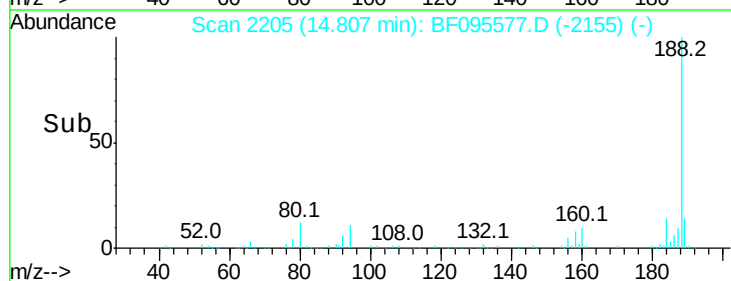
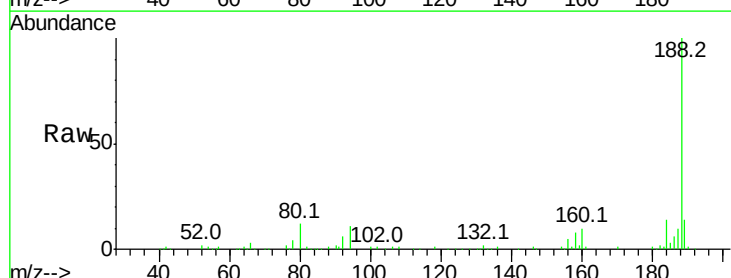
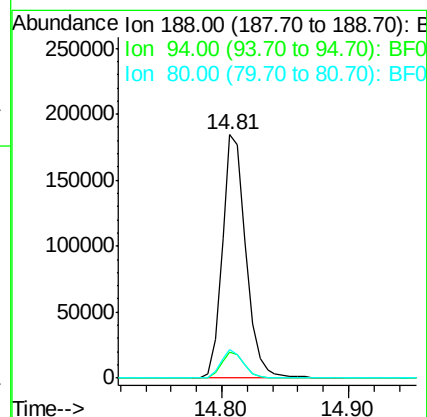
RT: 14.81 min Scan# 2205

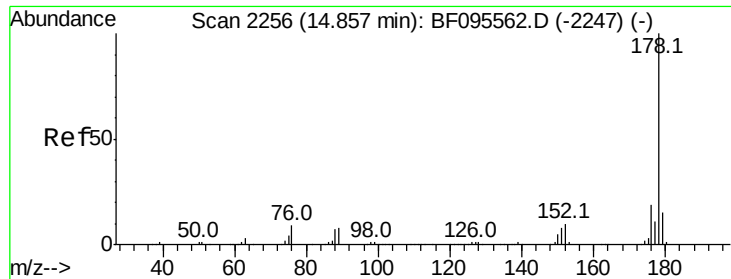
Delta R.T. -0.01 min

Lab File: BF095577.D

Acq: 31 May 2017 22:16

Tgt Ion:	188	Resp:	239454
Ion Ratio	Lower	Upper	
188	100		
94	10.6	9.4	14.2
80	11.9	10.2	15.2





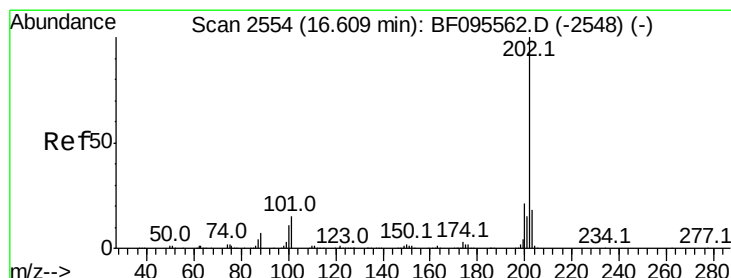
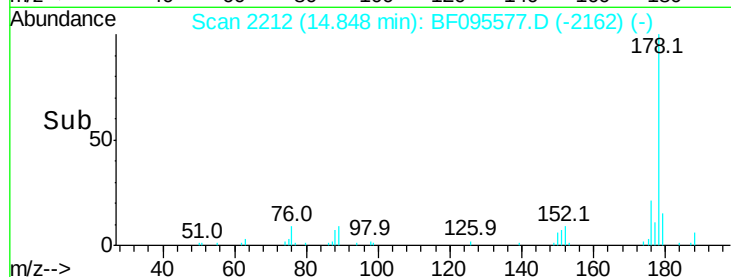
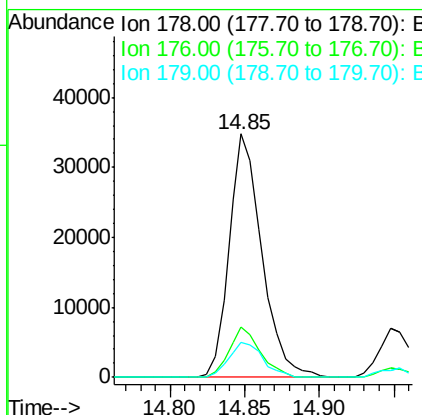
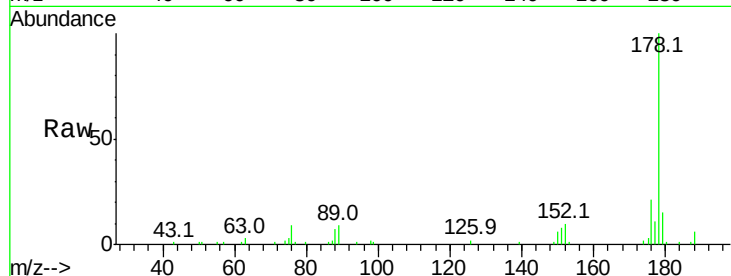
#70
Phenanthrene
Concen: 3.86 ng
RT: 14.85 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF095577.D
Acq: 31 May 2017 22:16

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	14.5	12.6	19.0

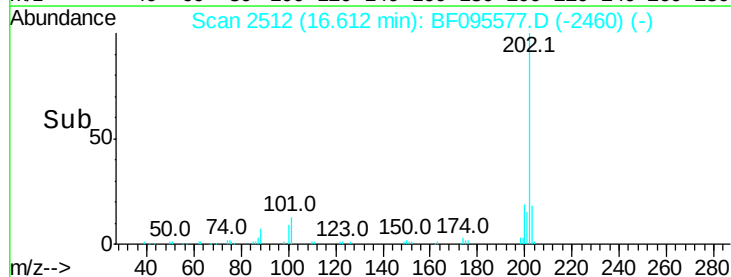
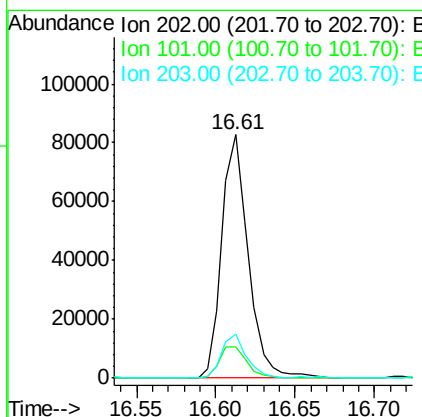
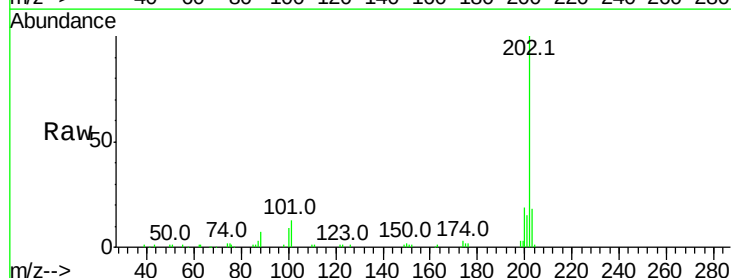
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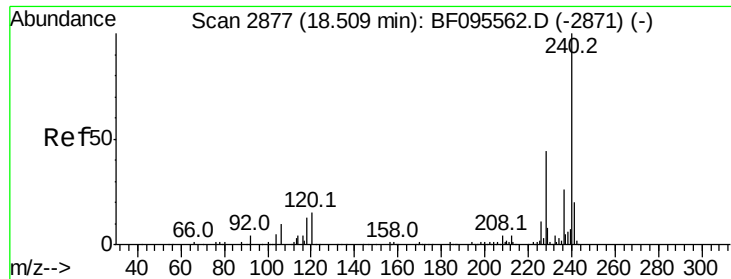
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#74
Fluoranthene
Concen: 6.77 ng
RT: 16.61 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF095577.D
Acq: 31 May 2017 22:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.51 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BF095577.D

Acq: 31 May 2017 22:16

Instrument :

BNA_F

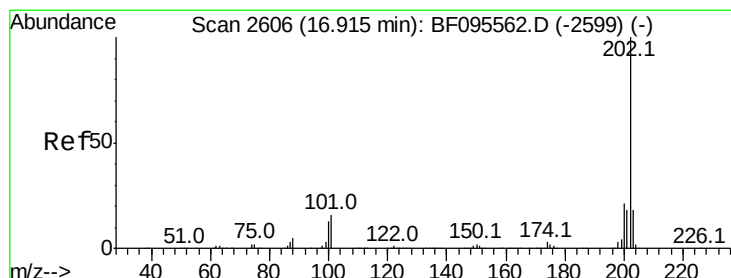
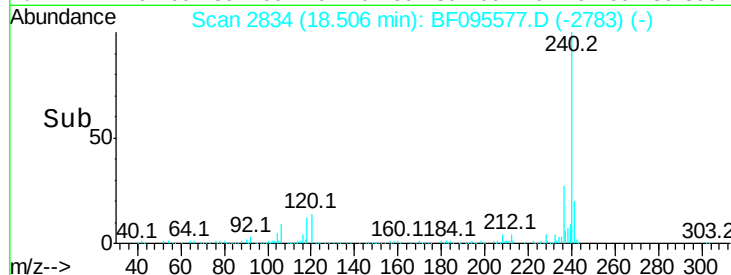
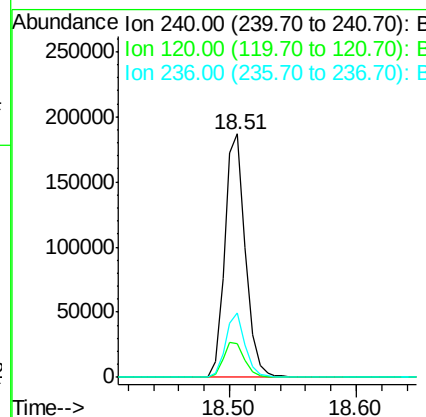
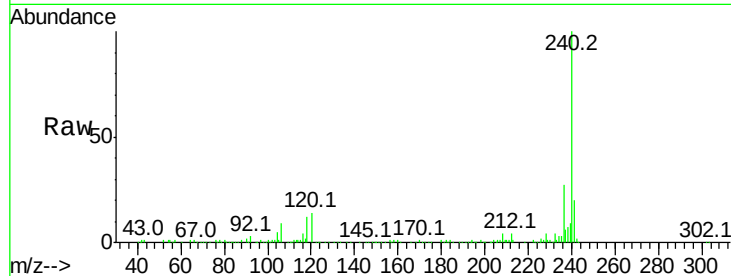
ClientSampleId :

NM14-COMP-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	26.7	20.5	30.7

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#77

Pyrene

Concen: 5.21 ng

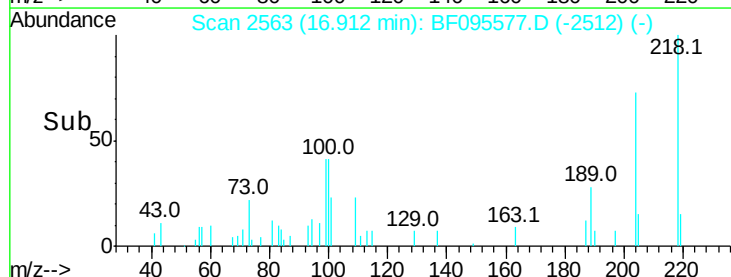
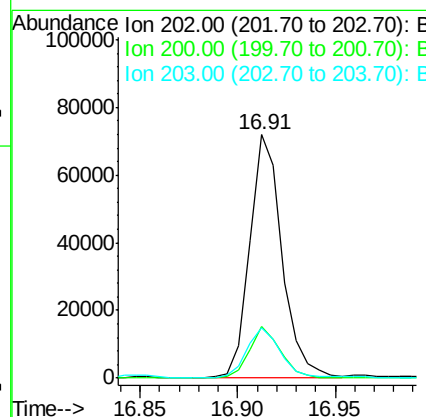
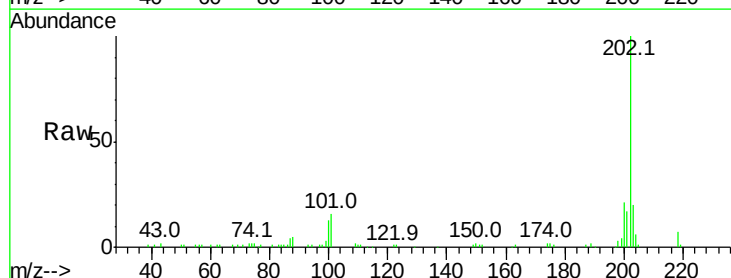
RT: 16.91 min Scan# 2563

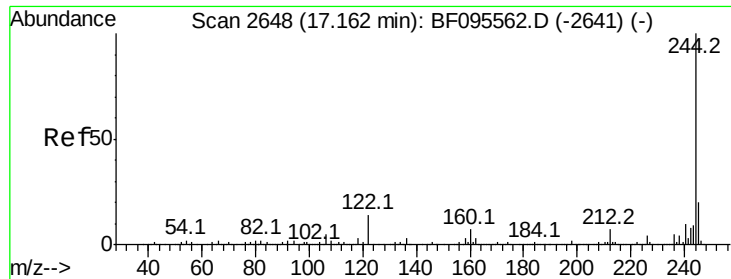
Delta R.T. -0.00 min

Lab File: BF095577.D

Acq: 31 May 2017 22:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	20.4	14.4	21.6





#78

Terphenyl-d14

Concen: 36.49 ng

RT: 17.15 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BF095577.D

Acq: 31 May 2017 22:16

Instrument :

BNA_F

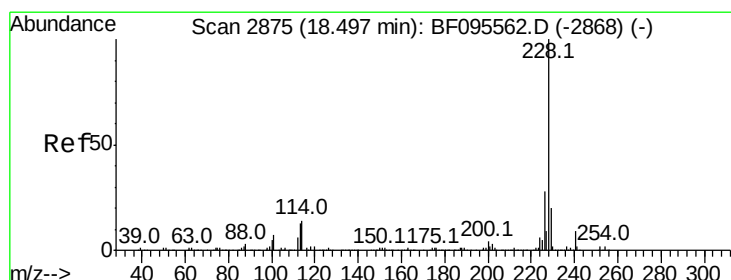
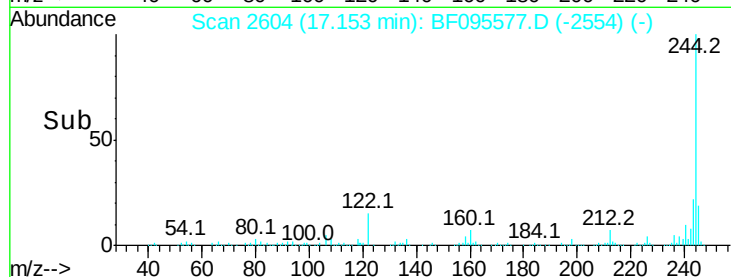
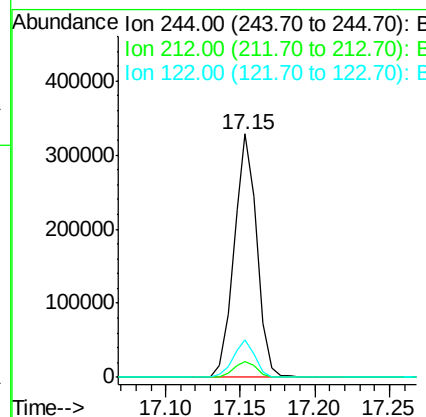
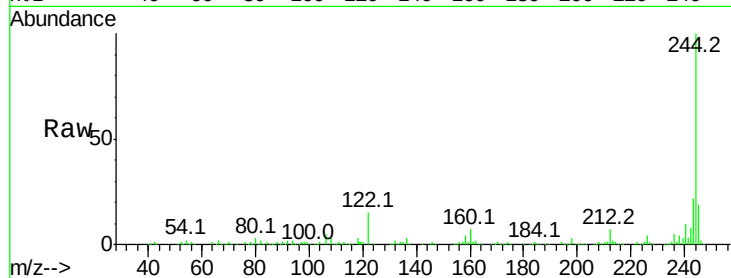
ClientSampleId :

NM14-COMP-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	15.3	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 3.21 ng

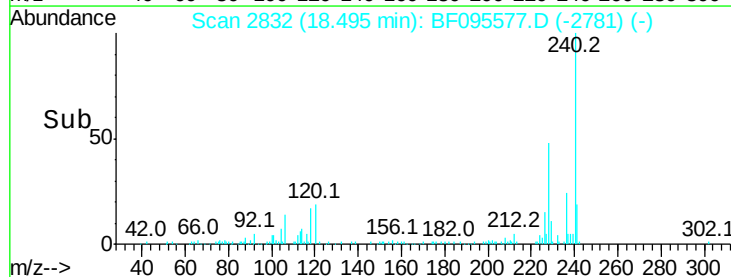
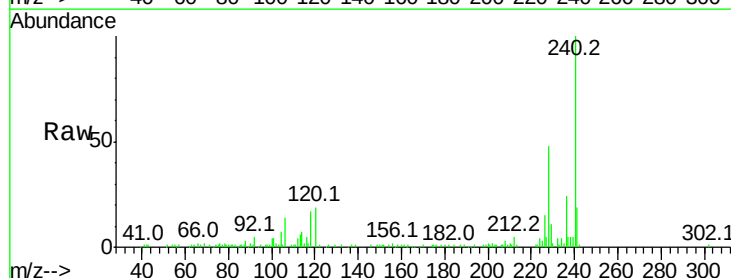
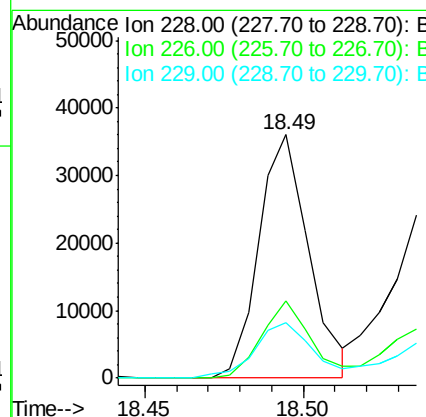
RT: 18.49 min Scan# 2832

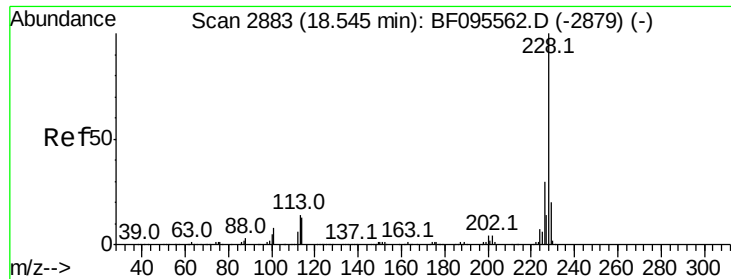
Delta R.T. -0.00 min

Lab File: BF095577.D

Acq: 31 May 2017 22:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	33.8
229	22.5	16.3	24.5





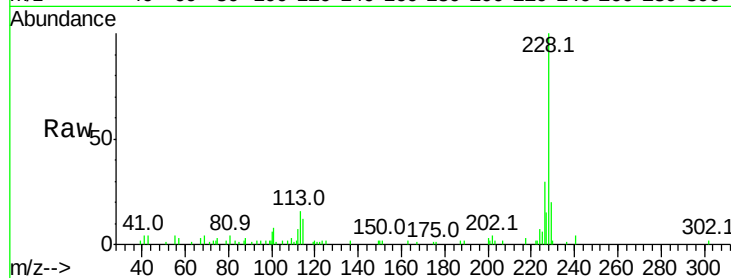
#82
Chrysene
Concen: 3.45 ng
RT: 18.54 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BF095577.D
Acq: 31 May 2017 22:16

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.0	15.8	23.6

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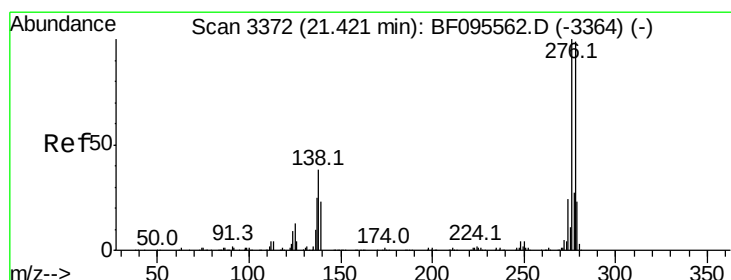
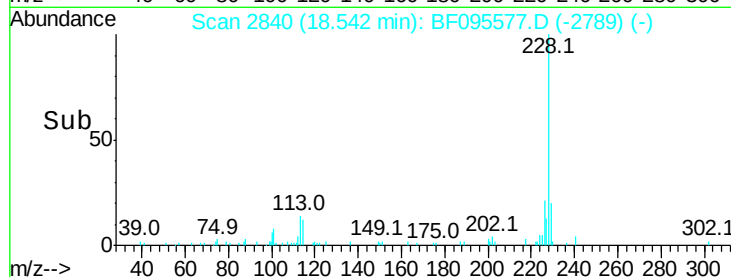
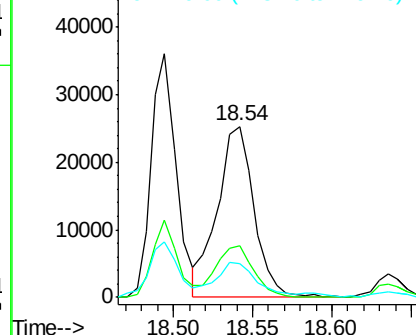


Abundance

Ion 228.00 (227.70 to 228.70): E

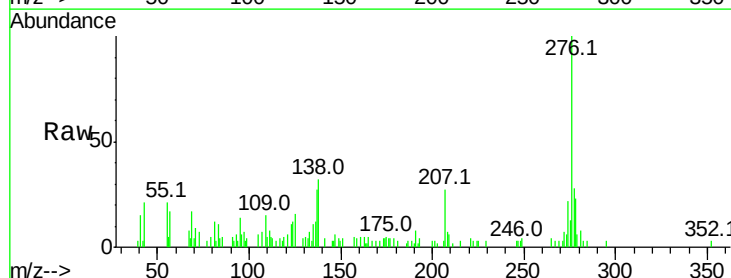
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.61 ng
RT: 21.44 min Scan# 3332
Delta R.T. 0.01 min
Lab File: BF095577.D
Acq: 31 May 2017 22:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.8	27.8	41.6
277	26.7	20.2	30.4

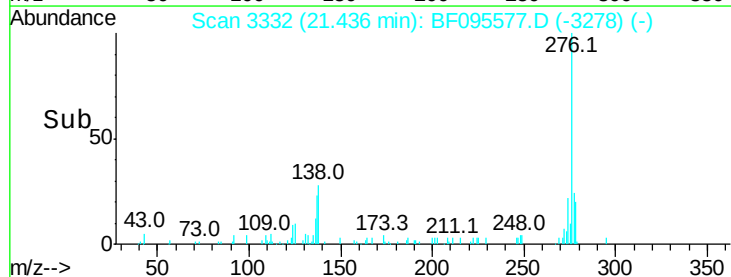
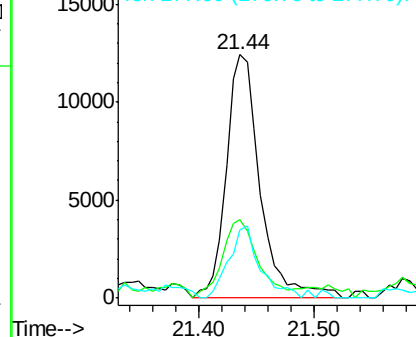


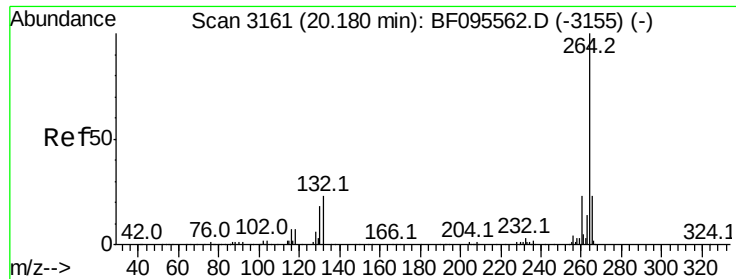
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





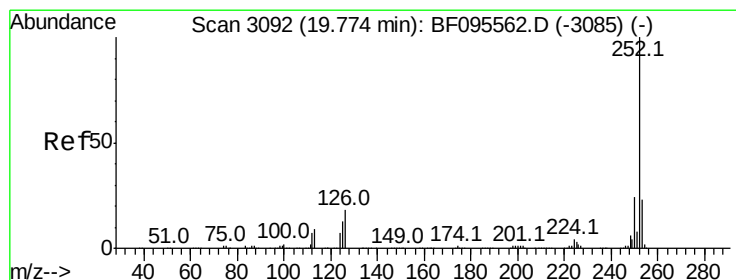
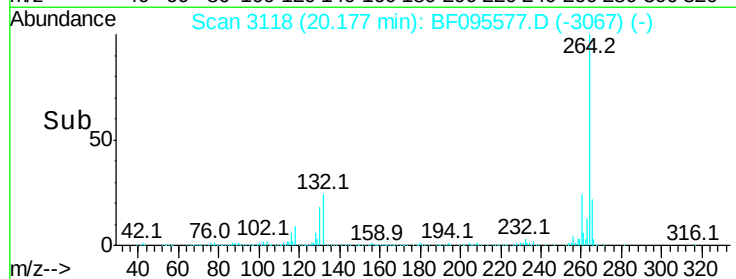
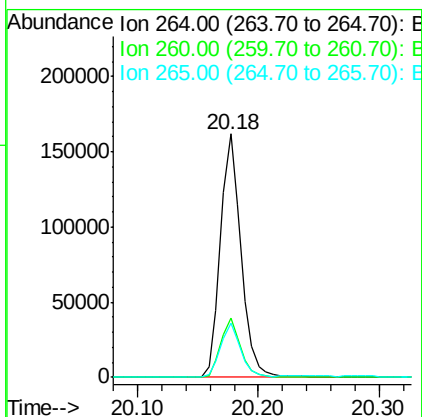
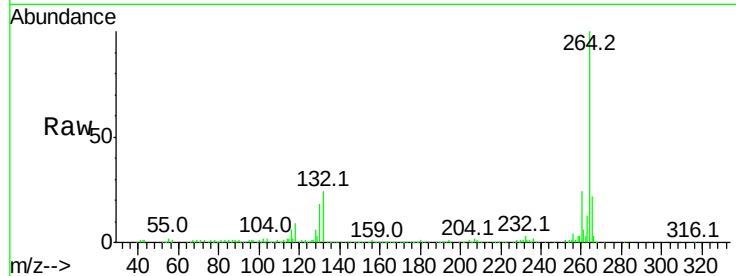
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BF095577.D
Acq: 31 May 2017 22:16

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-0-6

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.2	19.5	29.3	
265	22.2	17.2	25.8	

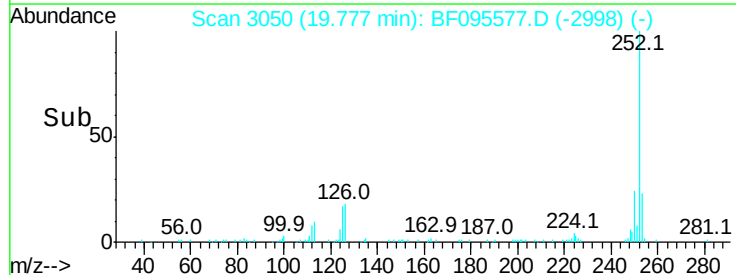
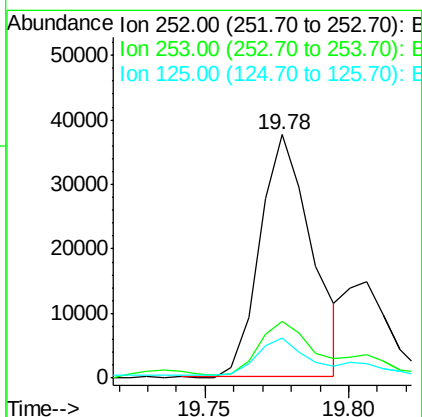
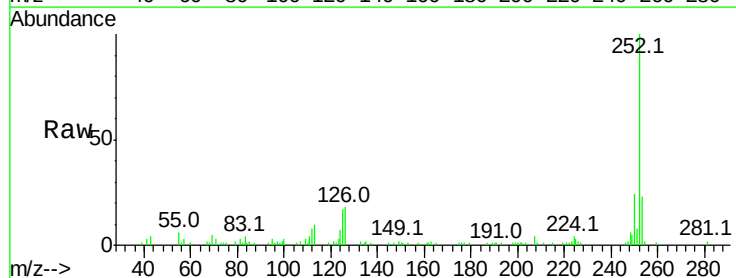
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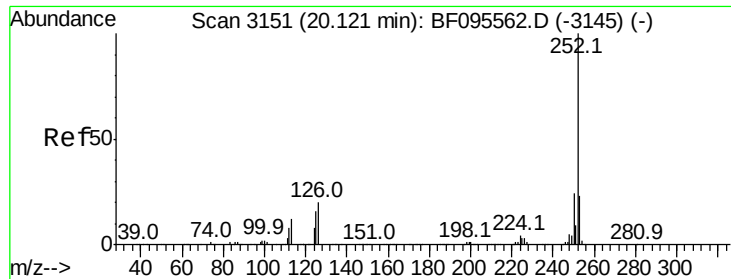
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#87
Benzo(b)fluoranthene
Concen: 3.96 ng m
RT: 19.78 min Scan# 3050
Delta R.T. 0.00 min
Lab File: BF095577.D
Acq: 31 May 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.3	18.1	27.1	
125	16.6	9.8	14.8	





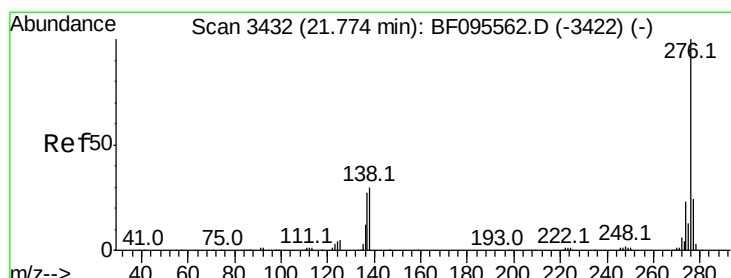
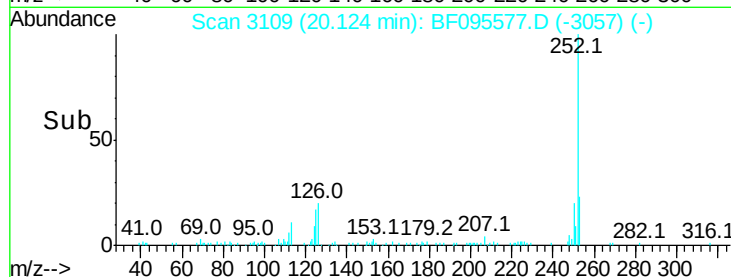
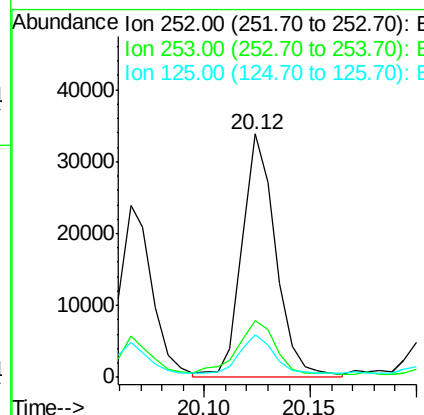
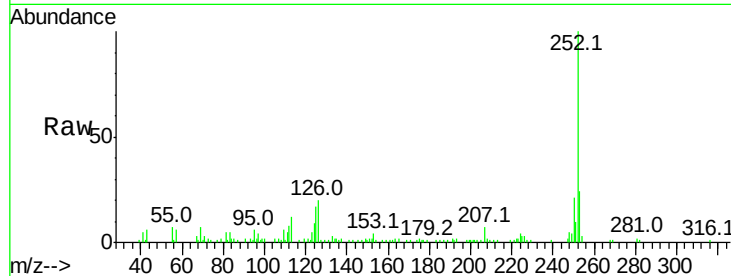
#89
Benzo(a)pyrene
Concen: 3.44 ng
RT: 20.12 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BF095577.D
Acq: 31 May 2017 22:16

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	17.3	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 2.51 ng
RT: 21.80 min Scan# 3394
Delta R.T. 0.03 min
Lab File: BF095577.D
Acq: 31 May 2017 22:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.9	18.6	28.0
138	30.8	25.4	38.0

