

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095578.D
 Acq On : 31 May 2017 22:49
 Operator : SJ/MA
 Sample : I3341-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM14-COMP-6-18

Manual Integrations
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 6/1/2017 2:20:32 PM

Quant Time: Jun 01 06:58:04 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	91601	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	374351	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	162609	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	261234	20.00	ng	0.00
75) Chrysene-d12	18.51	240	221177	20.00	ng	0.00
86) Perylene-d12	20.18	264	168030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	569631	103.68	ng	0.00
7) Phenol-d6	7.10	99	706234	107.13	ng	0.00
23) Nitrobenzene-d5	8.47	82	350750	59.08	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	113602	85.30	ng	0.00
44) 2-Fluorobiphenyl	11.36	172	701908	62.13	ng	0.00
78) Terphenyl-d14	17.15	244	372112	37.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.05	163	148219	11.10	ng	Qvalue 100
70) Phenanthrene	14.85	178	38552	2.57	ng	99
74) Fluoranthene	16.61	202	75777	4.92	ng	98
77) Pyrene	16.91	202	63604	3.85	ng	# 94
80) Benzo(a)anthracene	18.49	228	37010m	2.88	ng	
82) Chrysene	18.54	228	36587	2.94	ng	99
85) Indeno(1,2,3-cd)pyrene	21.44	276	23667	2.34	ng	91
87) Benzo(b)fluoranthene	19.78	252	46485m	4.48	ng	
89) Benzo(a)pyrene	20.13	252	35746	3.73	ng	# 94
91) Benzo(g,h,i)perylene	21.80	276	22639	2.92	ng	94

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

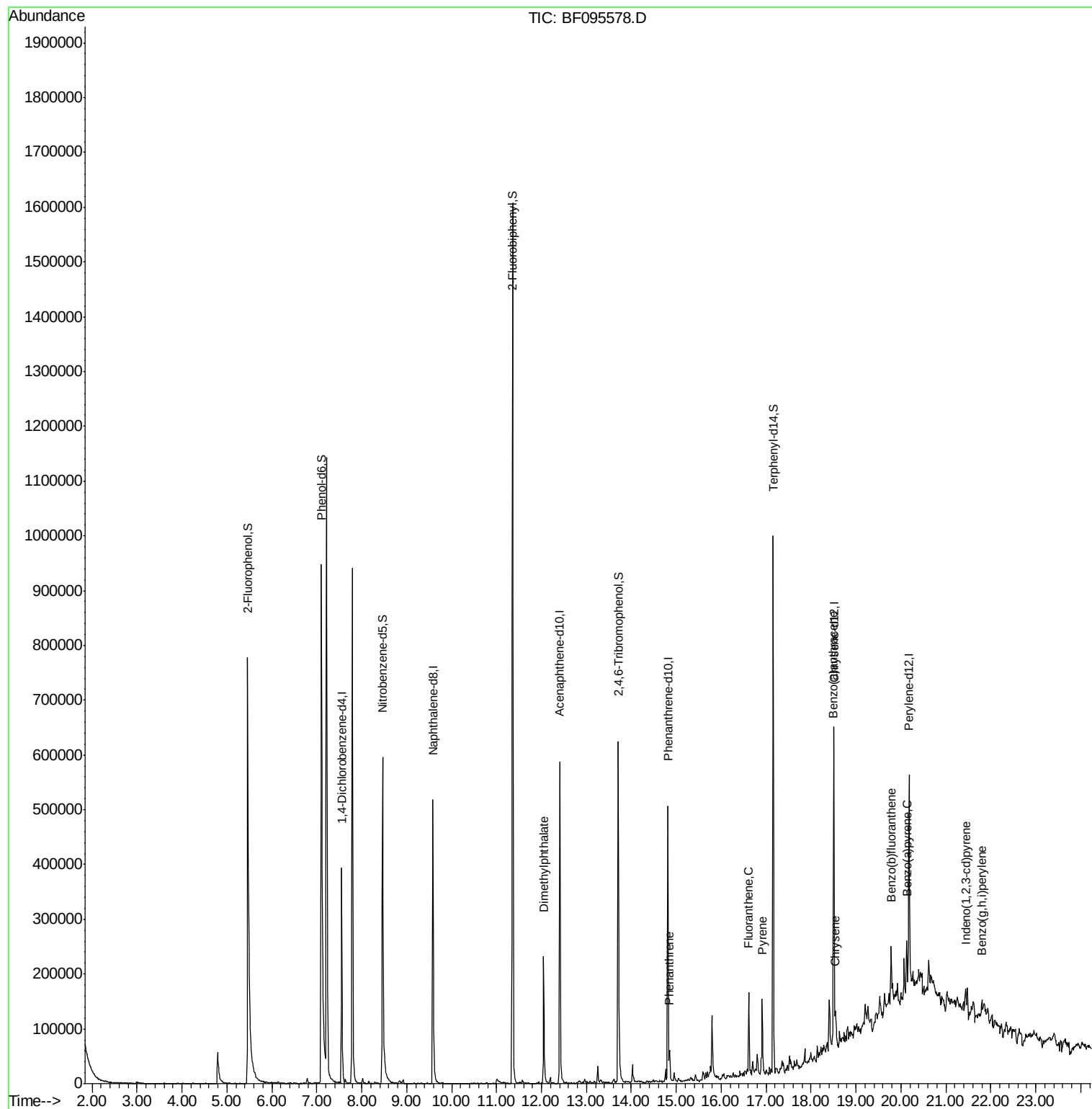
Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095578.D
Acq On : 31 May 2017 22:49
Operator : SJ/MA
Sample : I3341-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

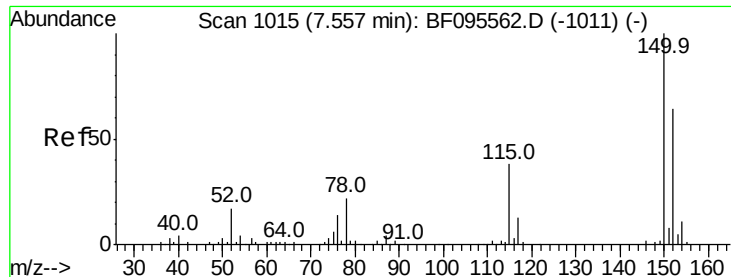
Instrument :
BNA_F
ClientSampleId :
NM14-COMP-6-18

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Quant Time: Jun 01 06:58:04 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF095578.D

Acq: 31 May 2017 22:49

Instrument :

BNA_F

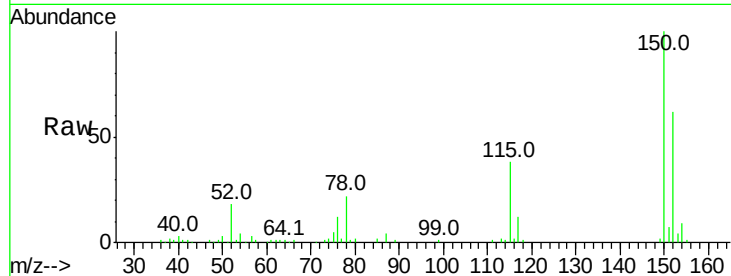
ClientSampleId :

NM14-COMP-6-18

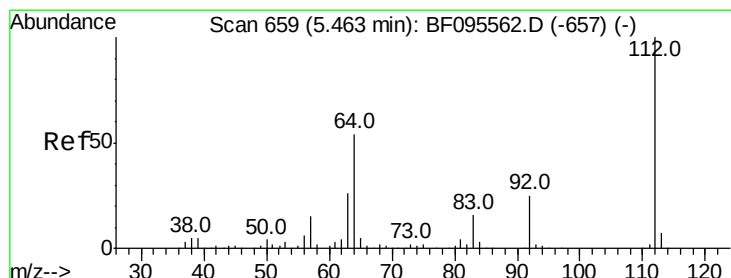
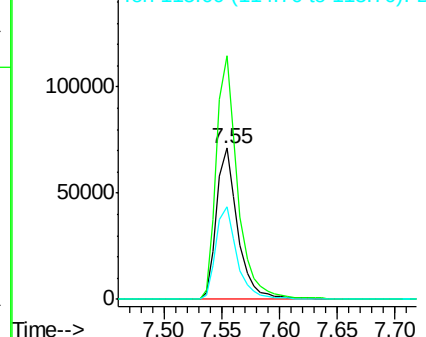
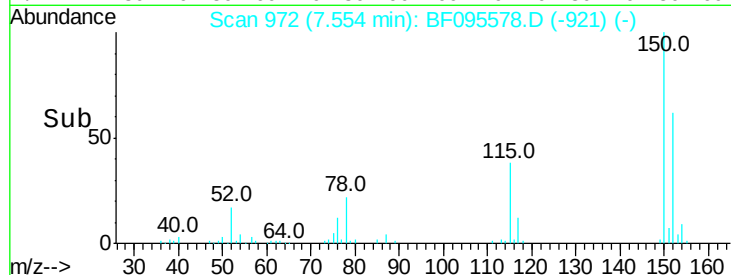
Tot Ion:	152	Resp:	91601
Ion Ratio	Lower	Upper	
152	100		
150	161.4	126.2	189.2
115	61.1	52.2	78.2

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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: 103.68 ng

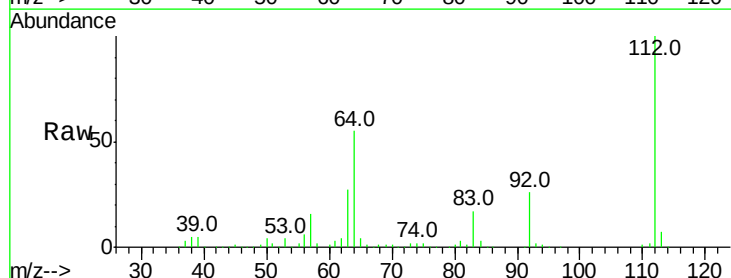
RT: 5.46 min Scan# 616

Delta R.T. -0.00 min

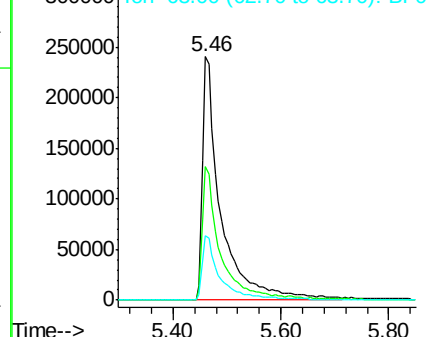
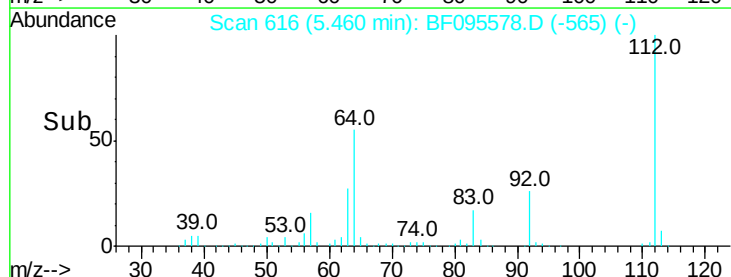
Lab File: BF095578.D

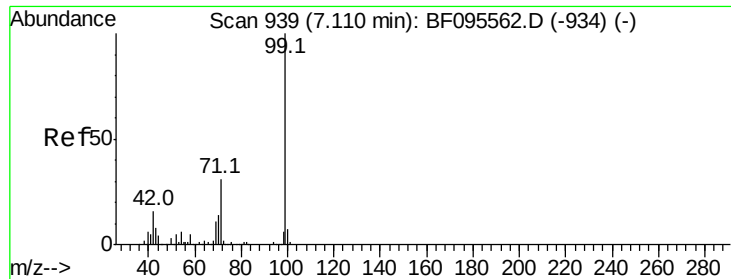
Acq: 31 May 2017 22:49

Tgt Ion:	112	Resp:	569631
Ion Ratio	Lower	Upper	
112	100		
64	54.7	46.0	69.0
63	26.5	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: 107.13 ng

RT: 7.10 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF095578.D

Acq: 31 May 2017 22:49

Instrument :

BNA_F

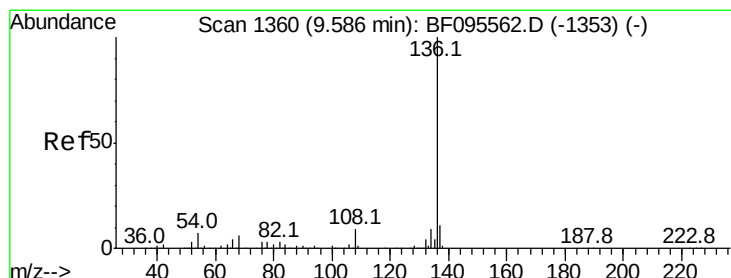
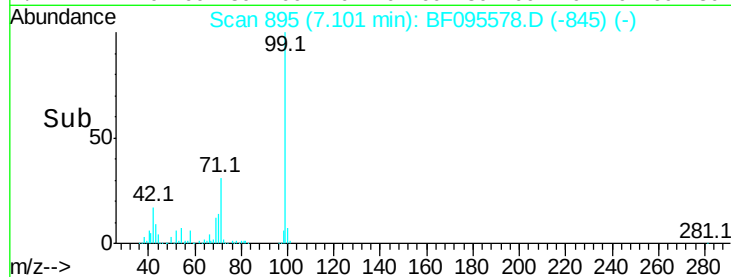
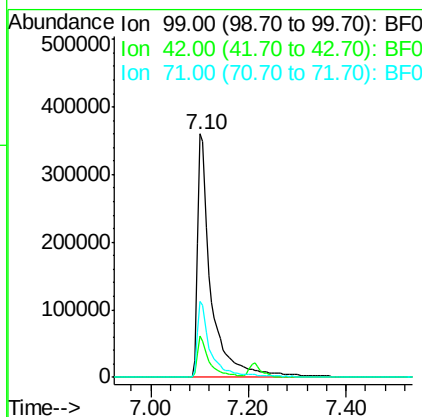
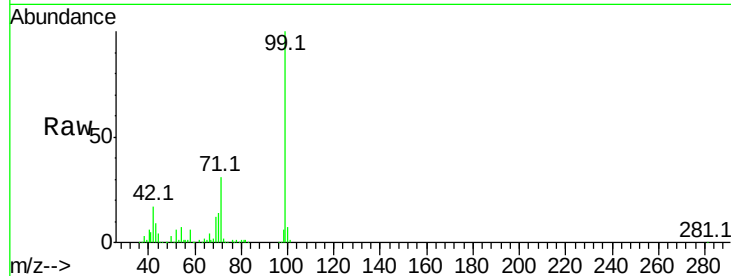
ClientSampleId :

NM14-COMP-6-18

Tot Ion:	99	Resp:	706234
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.5	20.3
71	31.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

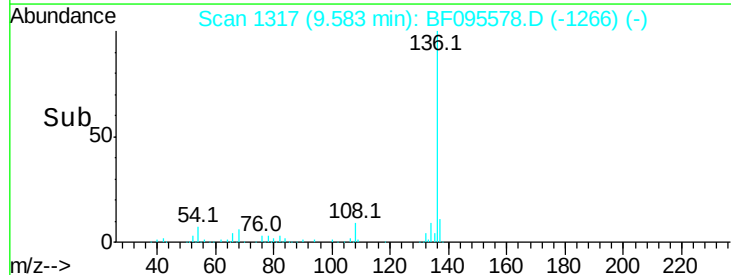
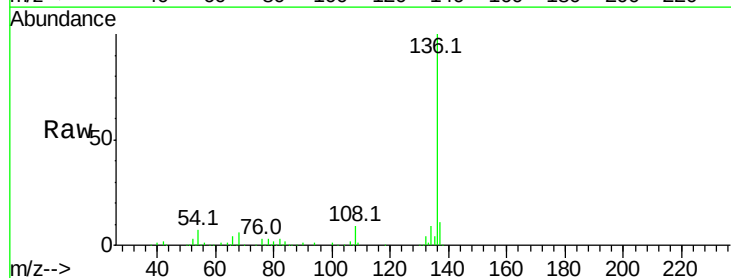
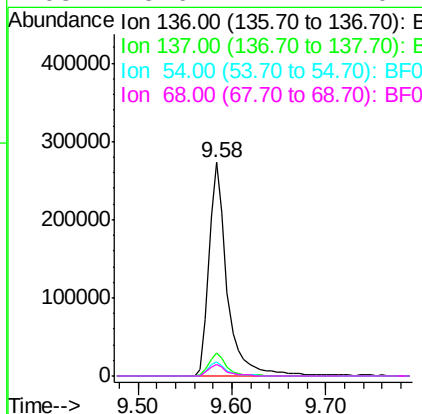
RT: 9.58 min Scan# 1317

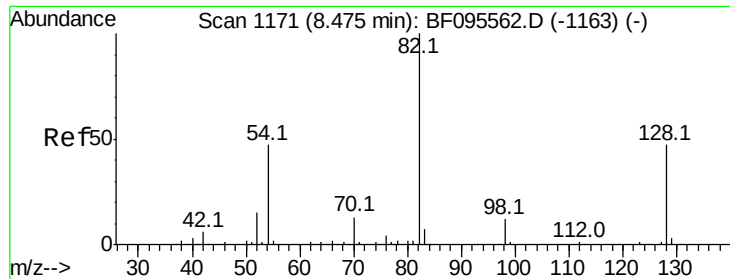
Delta R.T. -0.00 min

Lab File: BF095578.D

Acq: 31 May 2017 22:49

Tgt Ion:	136	Resp:	374351
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.9	4.9	7.3
68	5.6	4.1	6.1





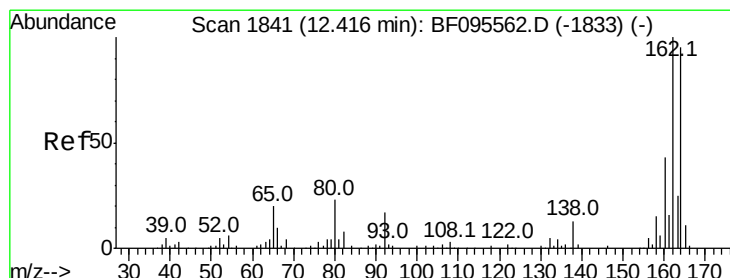
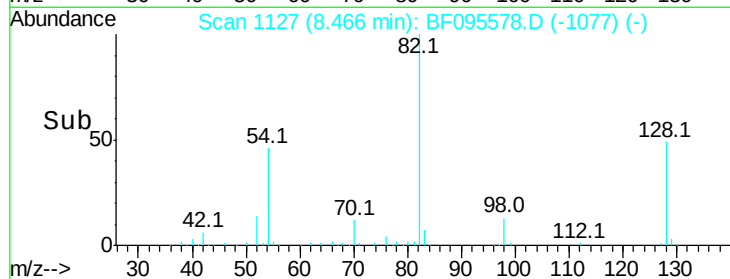
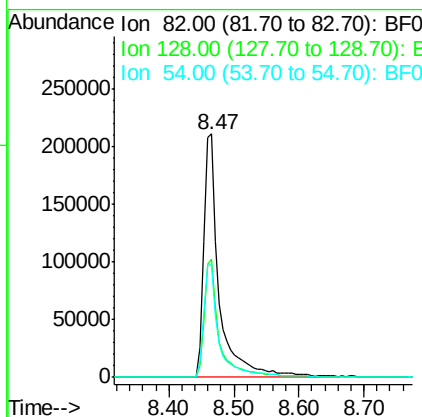
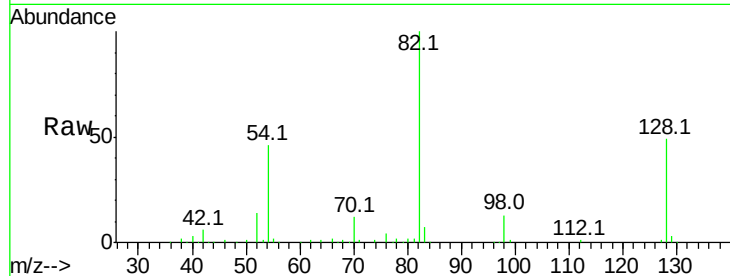
#23
 Nitrobenzene-d5
 Concen: 59.08 ng
 RT: 8.47 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF095578.D
 Acq: 31 May 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :
 NM14-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.6	34.0	51.0	
54	46.3	42.2	63.2	

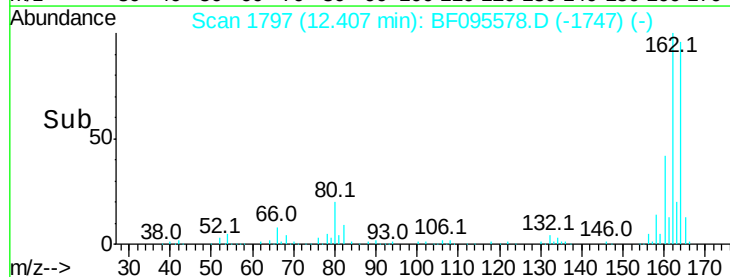
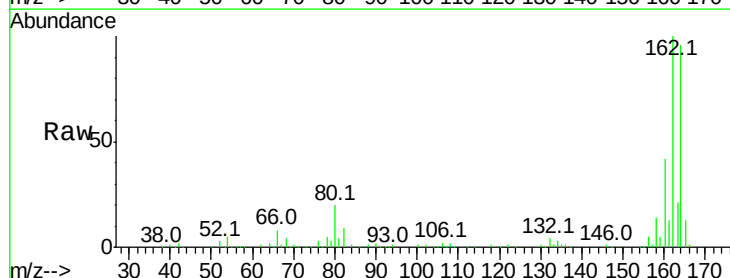
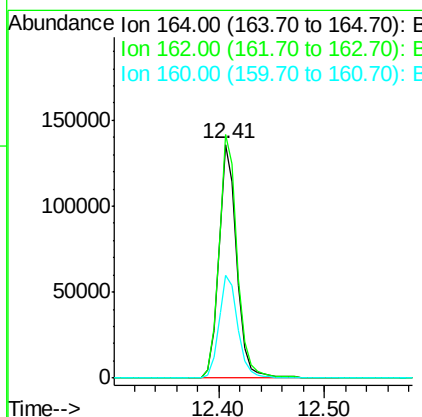
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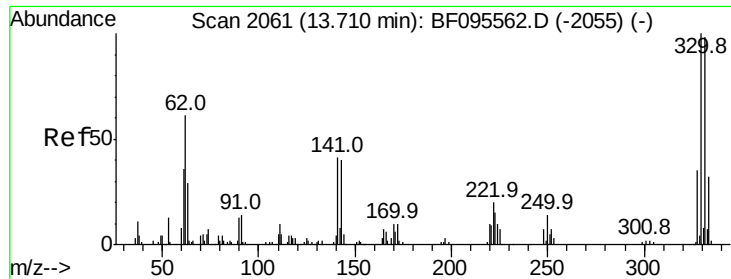
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BF095578.D
 Acq: 31 May 2017 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	82.6	123.8	
160	43.9	36.2	54.2	





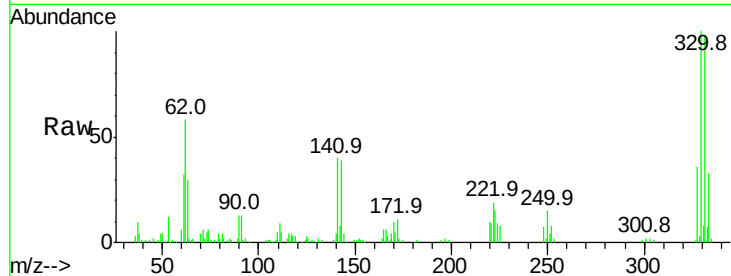
#41
 2,4,6-Tribromophenol
 Concen: 85.30 ng
 RT: 13.71 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF095578.D
 Acq: 31 May 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :
 NM14-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	76.6	115.0	
141	39.9	31.4	47.2	

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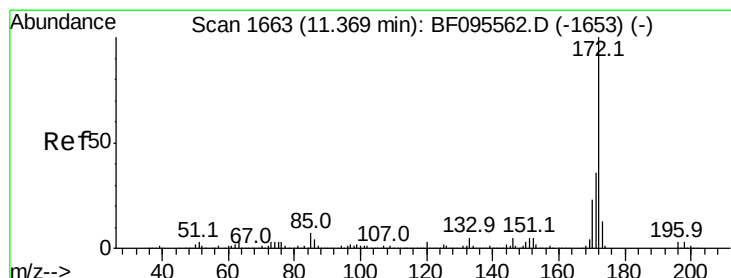
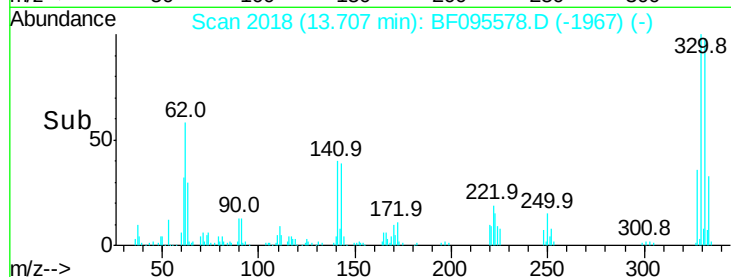
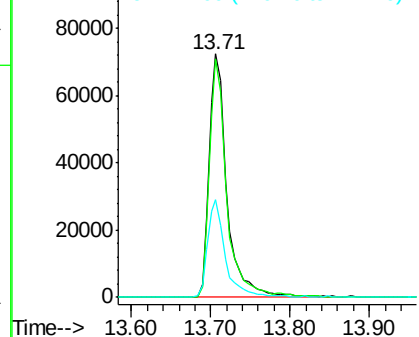


Abundance

Ion 329.80 (329.50 to 330.50): E

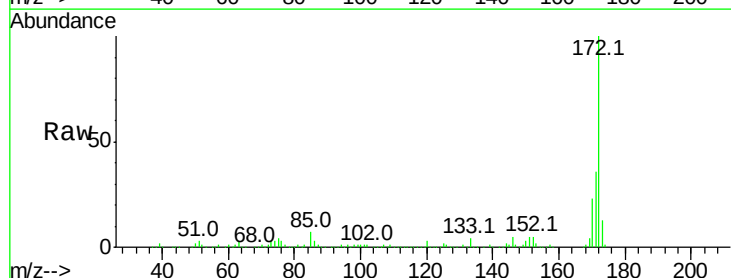
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.13 ng
 RT: 11.36 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF095578.D
 Acq: 31 May 2017 22:49

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

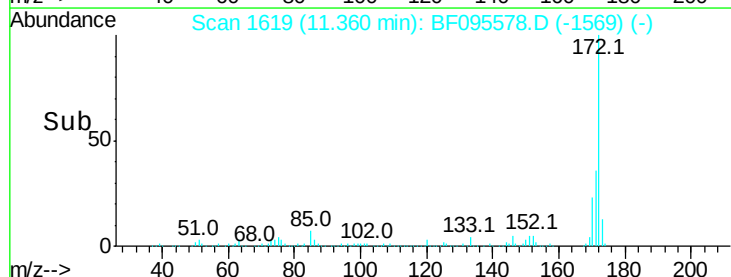
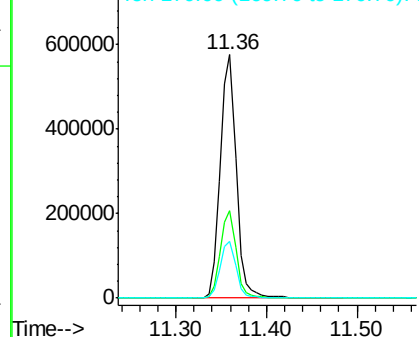


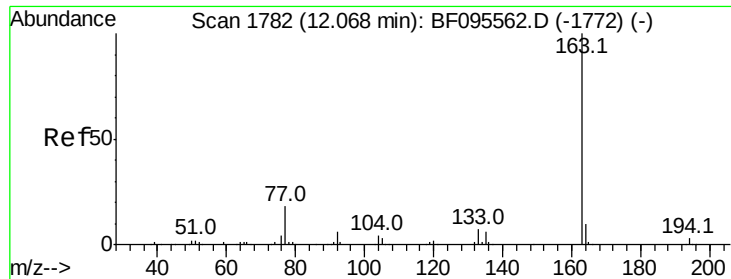
Abundance

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





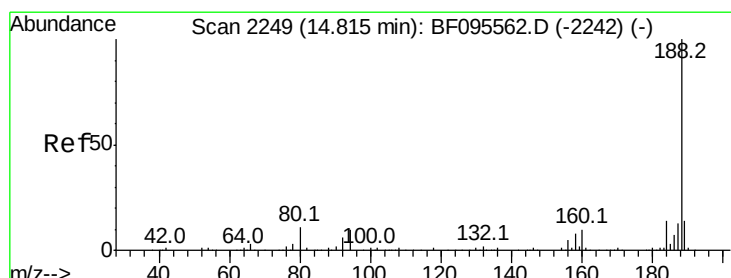
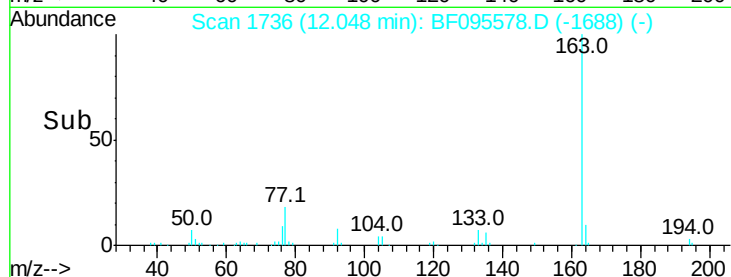
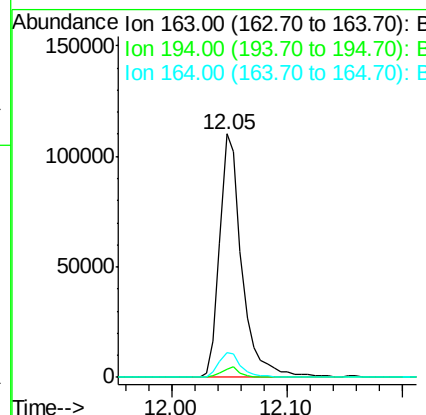
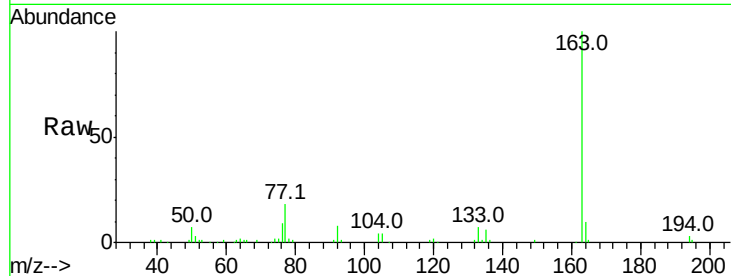
#49
Dimethylphthalate
Concen: 11.10 ng
RT: 12.05 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BF095578.D
Acq: 31 May 2017 22:49

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
163	100	148219		
194	3.3		2.6	4.0
164	10.3		8.4	12.6

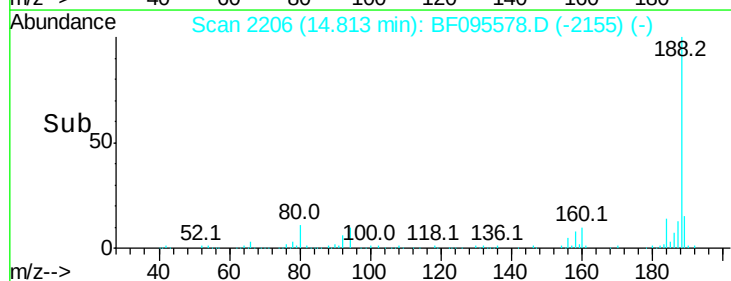
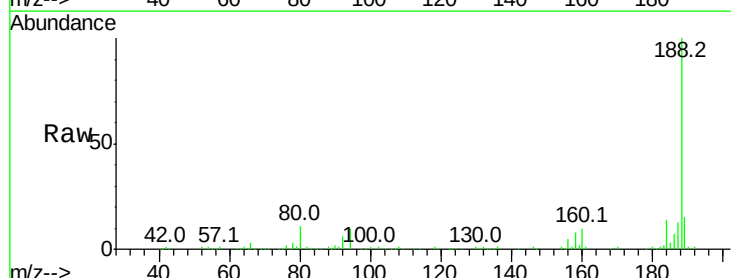
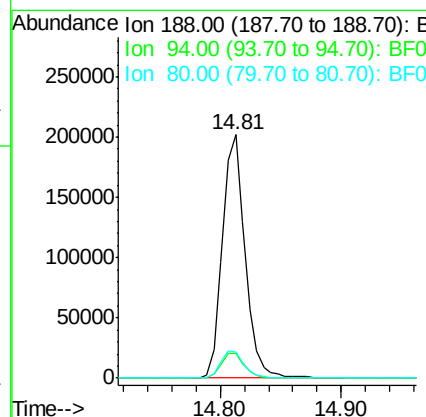
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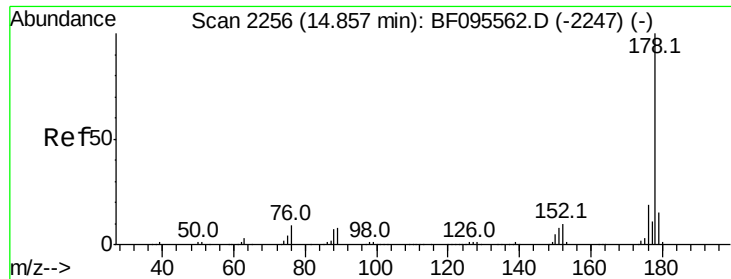
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF095578.D
Acq: 31 May 2017 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	261234		
94	10.3		9.4	14.2
80	10.8		10.2	15.2





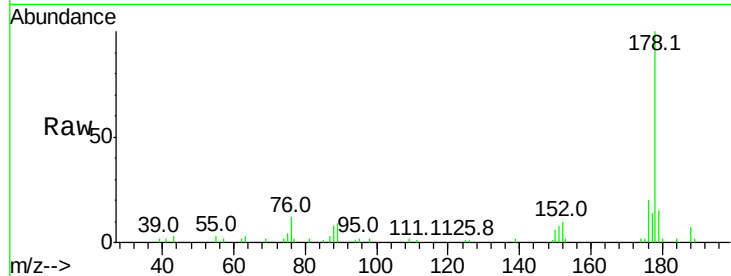
#70
Phenanthrene
Concen: 2.57 ng
RT: 14.85 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF095578.D
Acq: 31 May 2017 22:49

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-6-18

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	14.7	12.6	19.0

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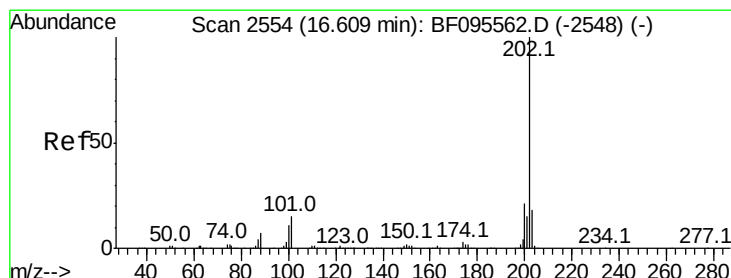
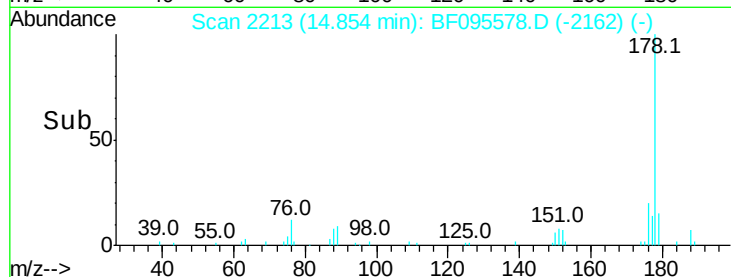
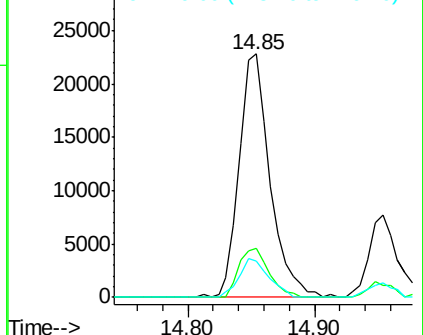


Abundance

Ion 178.00 (177.70 to 178.70): E

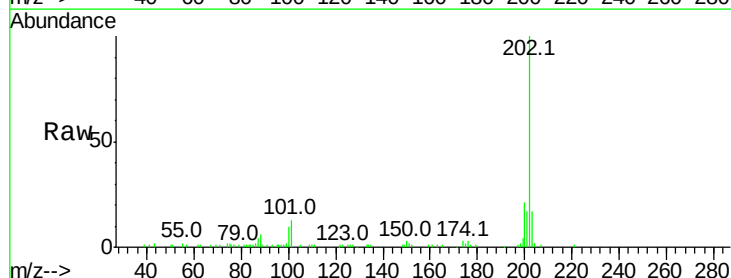
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 4.92 ng
RT: 16.61 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF095578.D
Acq: 31 May 2017 22:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	16.8	0.0	38.1

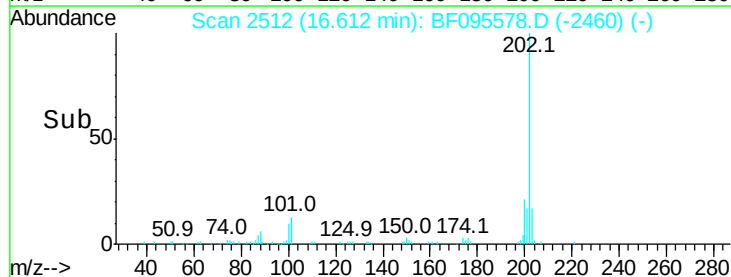
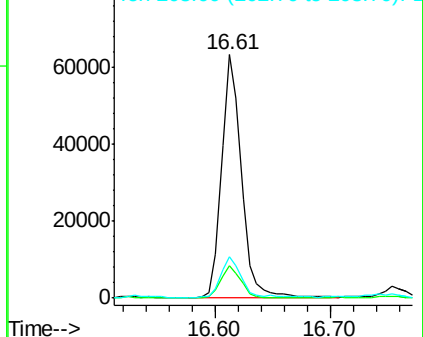


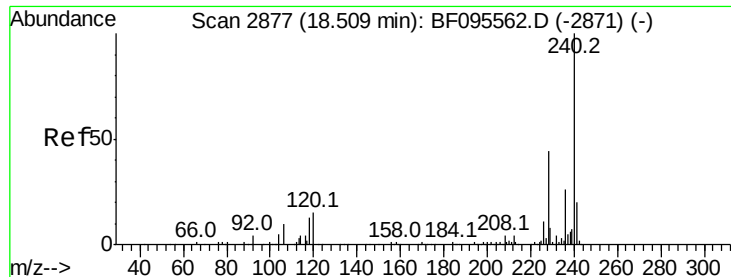
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.51 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BF095578.D

Acq: 31 May 2017 22:49

Instrument :

BNA_F

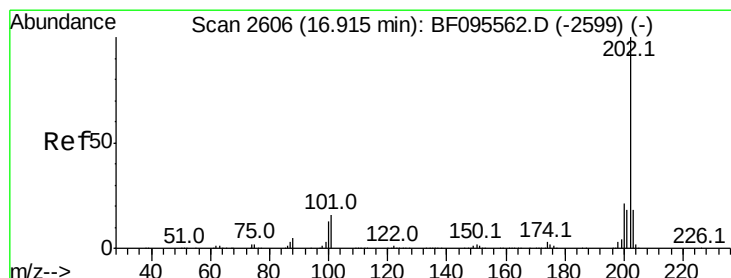
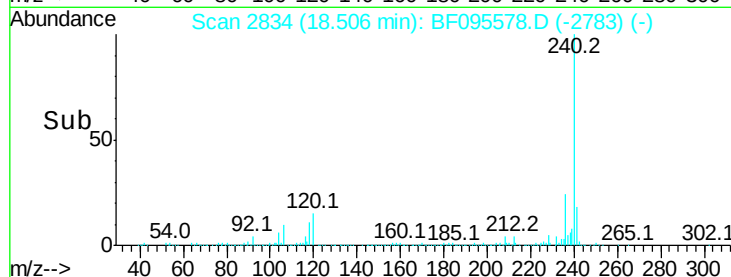
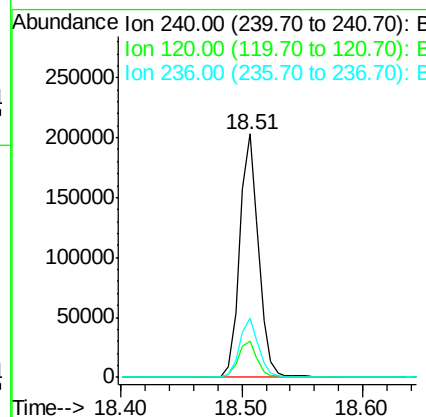
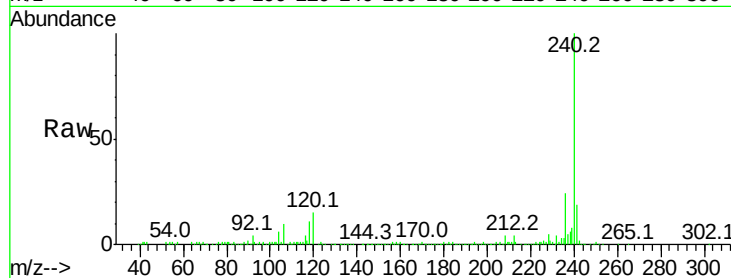
ClientSampleId :

NM14-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
240	100	221177		
120	14.8	5.8	8.8#	
236	24.4	20.5	30.7	

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#77

Pyrene

Concen: 3.85 ng

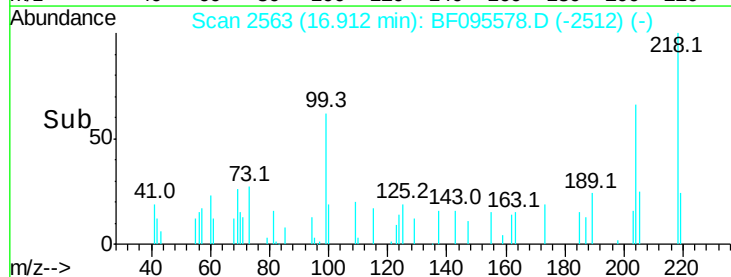
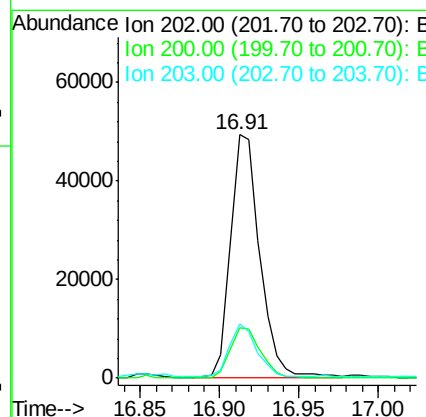
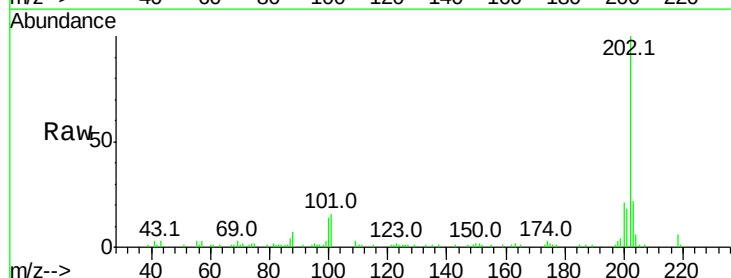
RT: 16.91 min Scan# 2563

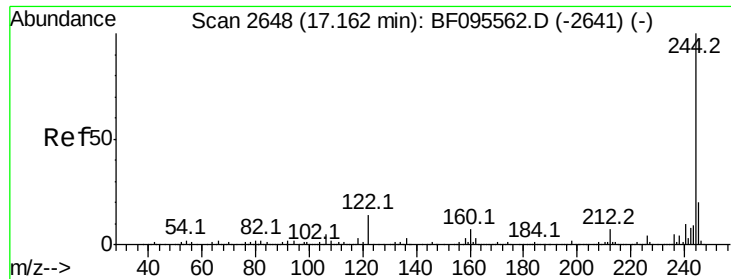
Delta R.T. -0.00 min

Lab File: BF095578.D

Acq: 31 May 2017 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	63604		
200	20.8	17.6	26.4	
203	22.3	14.4	21.6#	





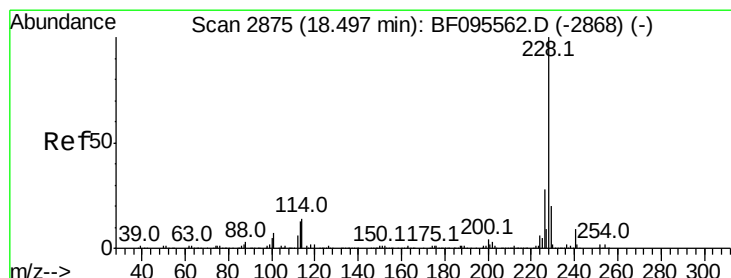
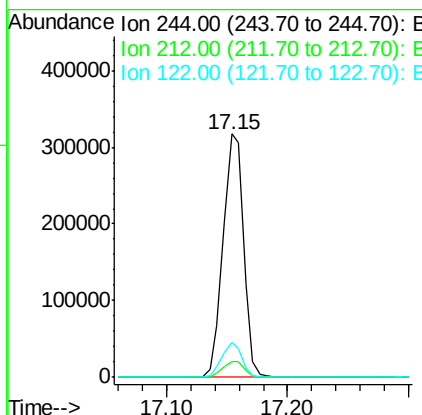
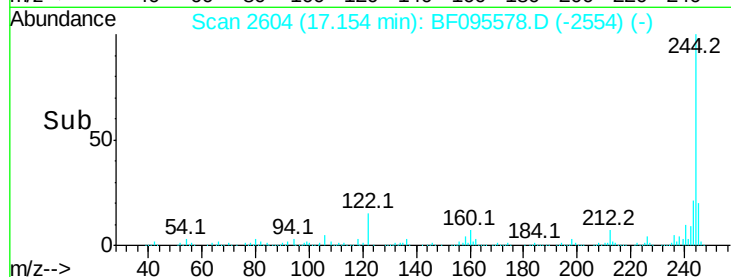
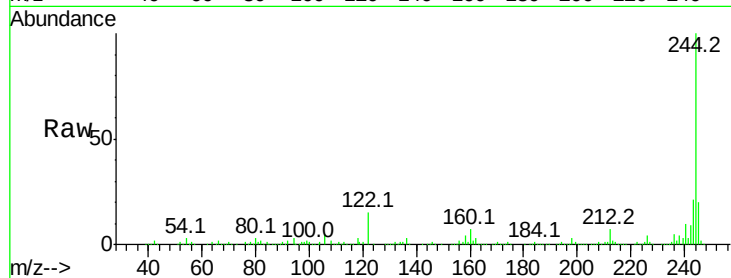
#78
 Terphenyl-d14
 Concen: 37.06 ng
 RT: 17.15 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BF095578.D
 Acq: 31 May 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :
 NM14-COMP-6-18

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.6	10.3	15.5

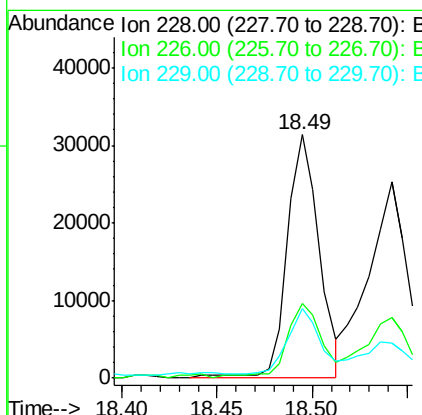
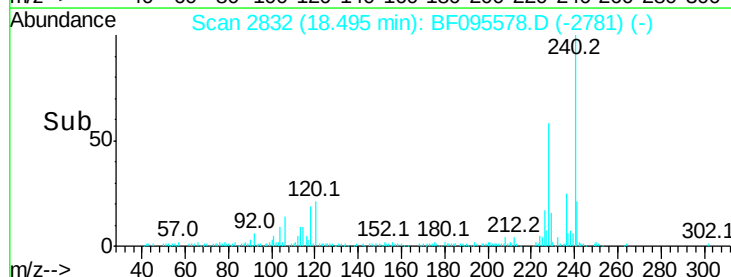
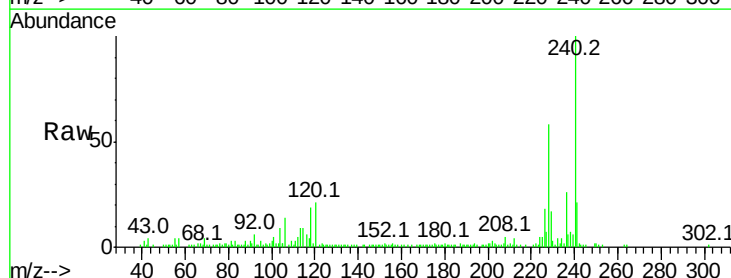
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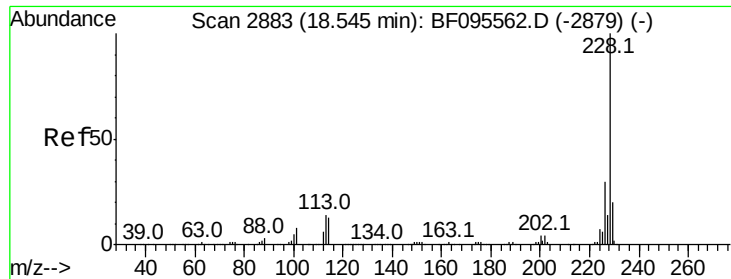
mohammad
 6/1/2017 2:20:32 PM



#80
 Benzo(a)anthracene
 Concen: 2.88 ng m
 RT: 18.49 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BF095578.D
 Acq: 31 May 2017 22:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	28.5	16.3	24.5





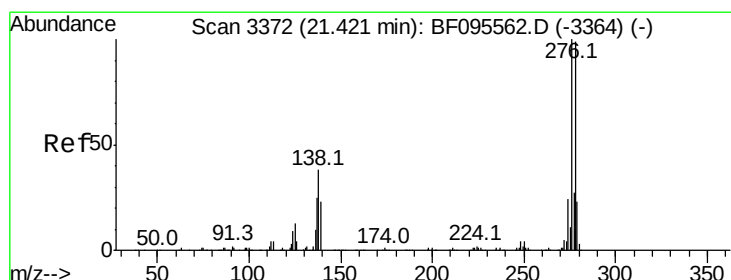
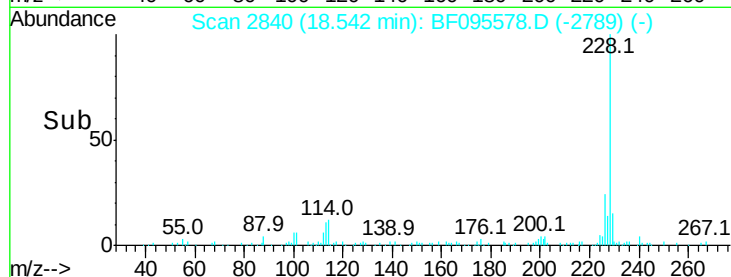
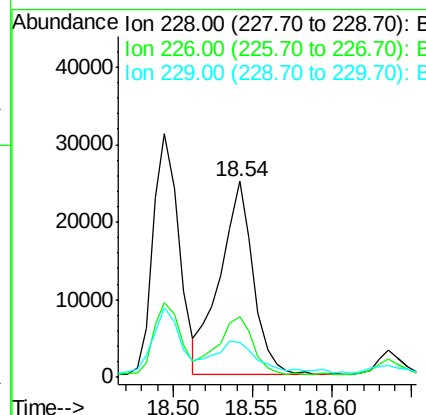
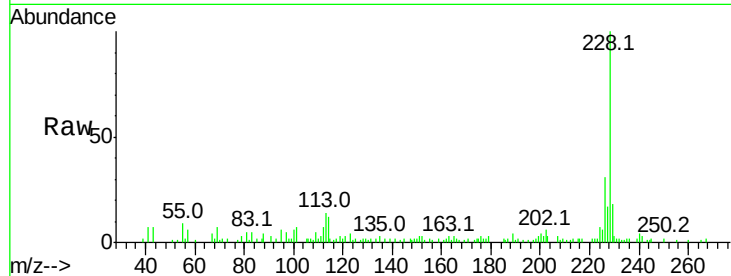
#82
Chrysene
Concen: 2.94 ng
RT: 18.54 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BF095578.D
Acq: 31 May 2017 22:49

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-6-18

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	18.1	15.8	23.6

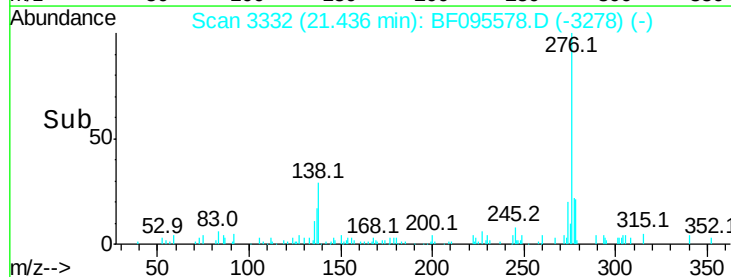
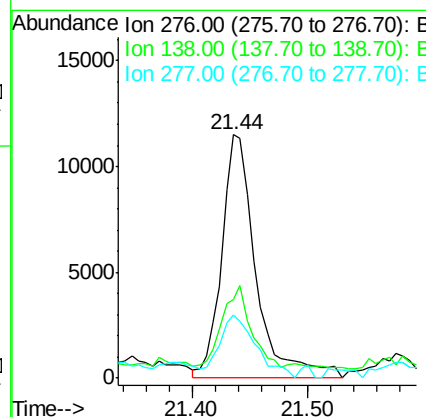
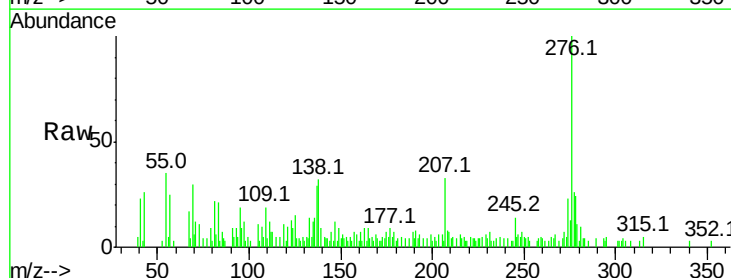
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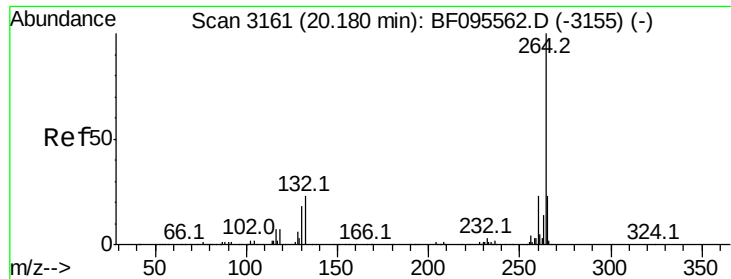
mohammad
6/1/2017 2:20:32 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.34 ng
RT: 21.44 min Scan# 3332
Delta R.T. 0.01 min
Lab File: BF095578.D
Acq: 31 May 2017 22:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	27.8	41.6
277	27.9	20.2	30.4





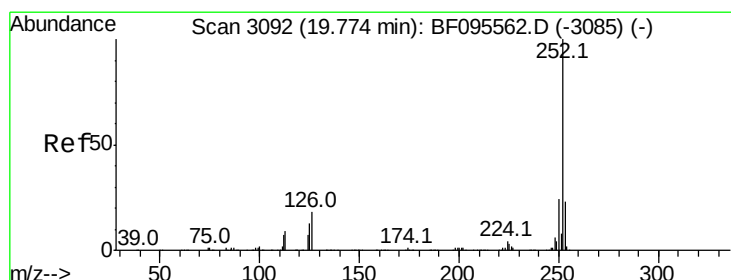
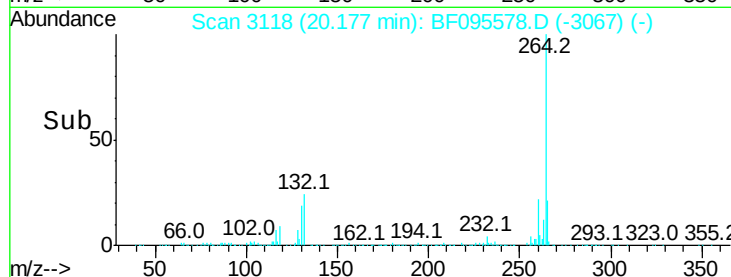
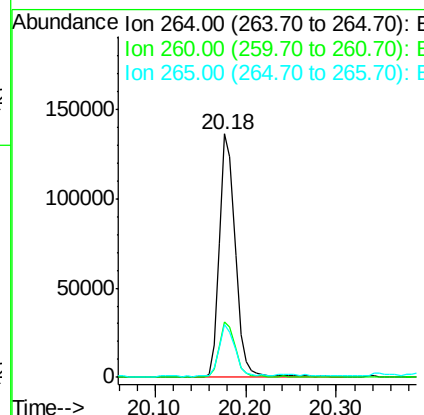
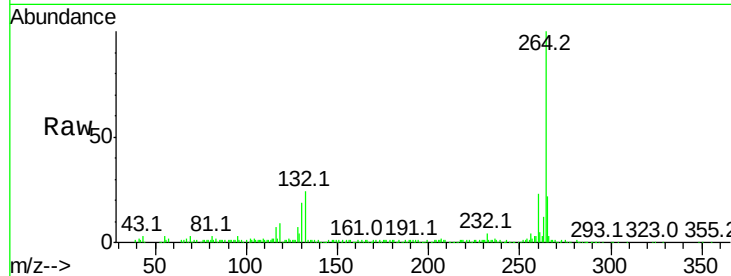
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BF095578.D
Acq: 31 May 2017 22:49

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-6-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.7	17.2	25.8

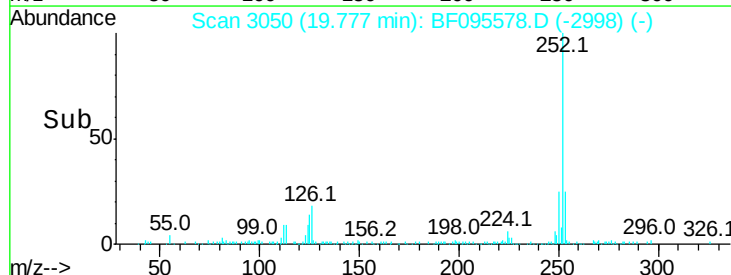
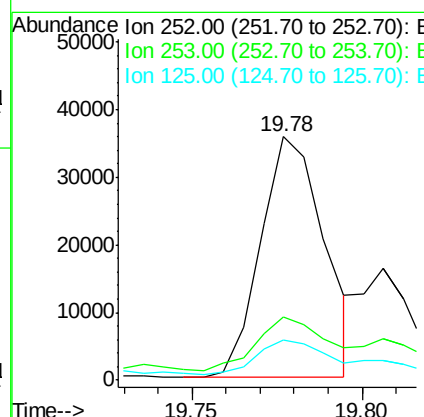
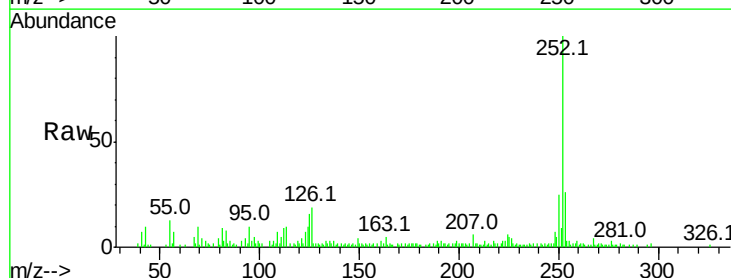
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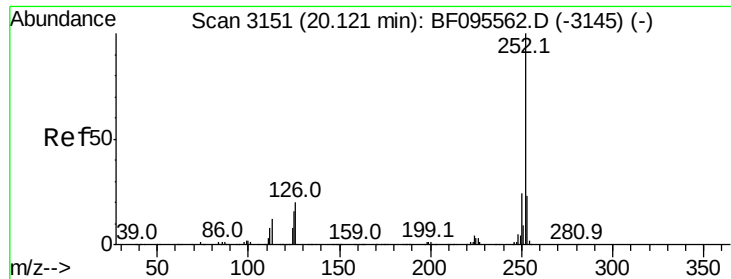
mohammad
6/1/2017 2:20:32 PM



#87
Benzo(b)fluoranthene
Concen: 4.48 ng m
RT: 19.78 min Scan# 3050
Delta R.T. 0.00 min
Lab File: BF095578.D
Acq: 31 May 2017 22:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.1	27.1
125	16.2	9.8	14.8#





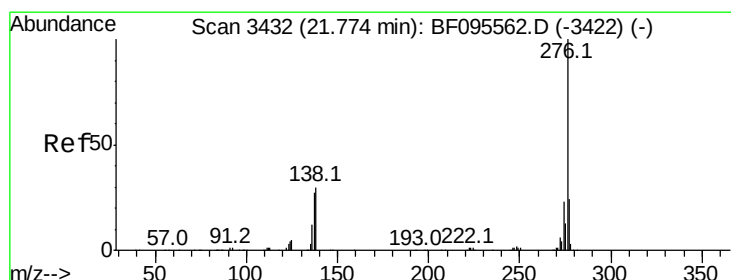
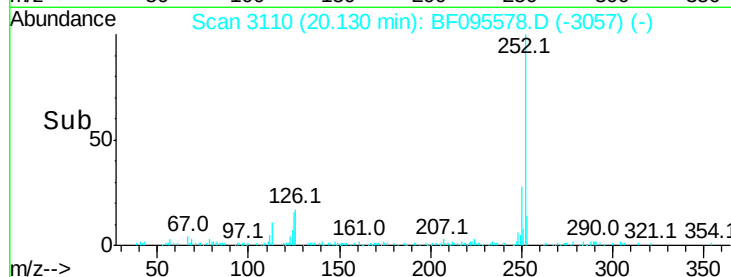
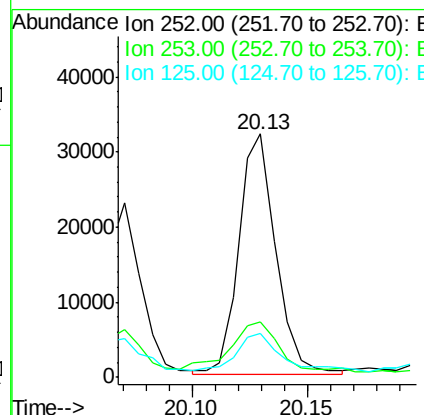
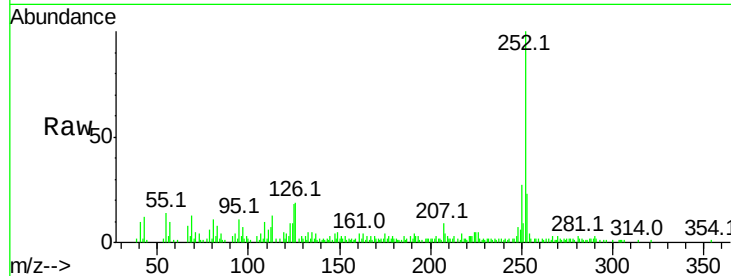
#89
Benzo(a)pyrene
Concen: 3.73 ng
RT: 20.13 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BF095578.D
Acq: 31 May 2017 22:49

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-6-18

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	18.1	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/1/2017 2:20:32 PM



#91
Benzo(g,h,i)perylene
Concen: 2.92 ng
RT: 21.80 min Scan# 3394
Delta R.T. 0.03 min
Lab File: BF095578.D
Acq: 31 May 2017 22:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	28.0
138	37.3	25.4	38.0

