

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095153.D
 Acq On : 16 May 2017 11:49
 Operator : SJ/MA
 Sample : I3140-10 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-3

Manual Integrations
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Quant Time: May 16 16:11:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	78495	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	269618	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	120127	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	155245	20.00	ng	0.05
75) Chrysene-d12	18.70	240	172933	20.00	ng	0.05
86) Perylene-d12	20.38	264	128117	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	214952	45.66	ng	0.08
7) Phenol-d6	7.32	99	281256	49.79	ng	0.04
23) Nitrobenzene-d5	8.67	82	172864	40.43	ng	0.04
41) 2,4,6-Tribromophenol	13.93	330	32938	33.48	ng	0.05
44) 2-Fluorobiphenyl	11.57	172	288451	34.56	ng	0.04
78) Terphenyl-d14	17.35	244	145903	18.58	ng	0.04
Target Compounds						Qvalue
49) Dimethylphthalate	12.27	163	33705	3.42	ng	99
70) Phenanthrene	15.07	178	30121	3.38	ng	98
74) Fluoranthene	16.81	202	111196	12.15	ng	96
77) Pyrene	17.11	202	103706	8.02	ng	96
80) Benzo(a)anthracene	18.69	228	68874	6.84	ng	96
82) Chrysene	18.74	228	70349	7.23	ng	99
85) Indeno(1,2,3-cd)pyrene	21.72	276	19578	2.48	ng	# 89
87) Benzo(b)fluoranthene	19.97	252	77810m	9.83	ng	
88) Benzo(k)fluoranthene	19.99	252	28610m	3.75	ng	
89) Benzo(a)pyrene	20.32	252	46212	6.33	ng	96
91) Benzo(g,h,i)perylene	22.12	276	23814	4.02	ng	98

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

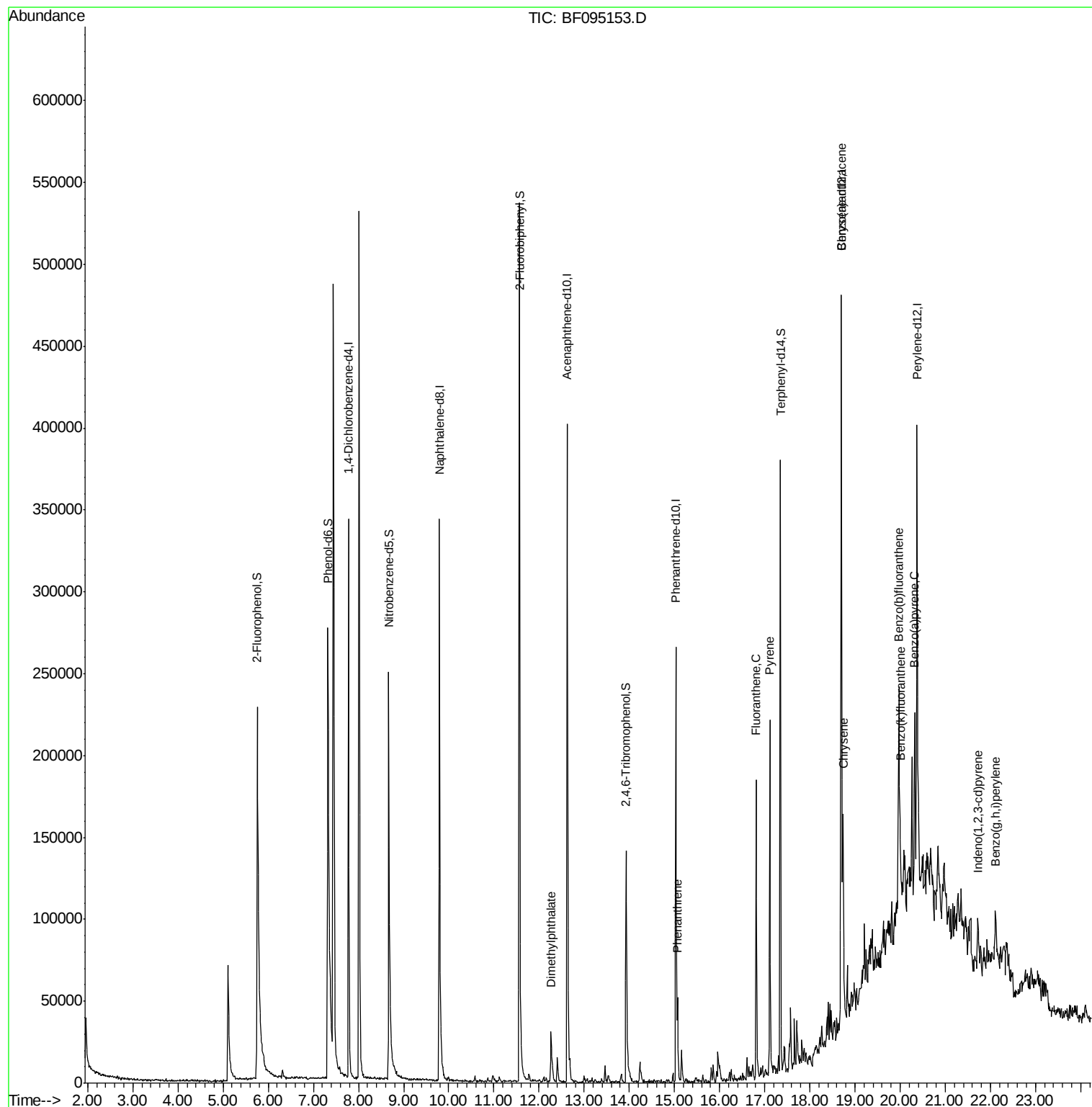
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095153.D
Acq On : 16 May 2017 11:49
Operator : SJ/MA
Sample : I3140-10 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

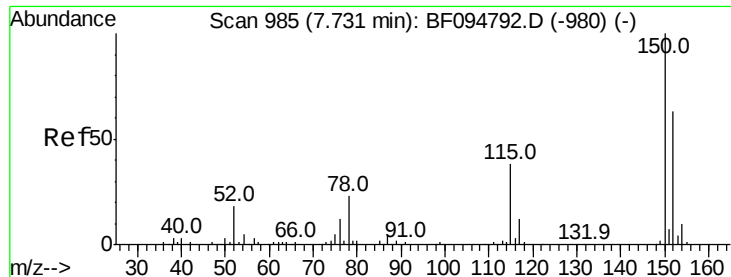
Instrument :
BNA_F
ClientSampleId :
TP-3-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

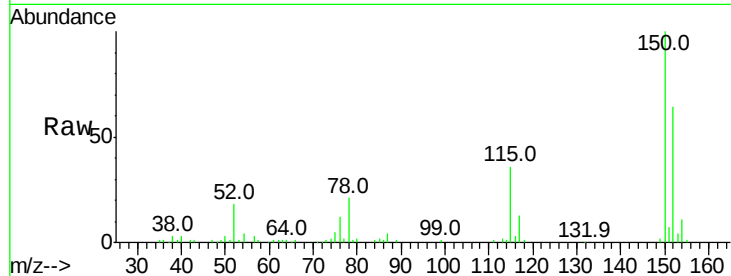
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampled :
TP-3-3

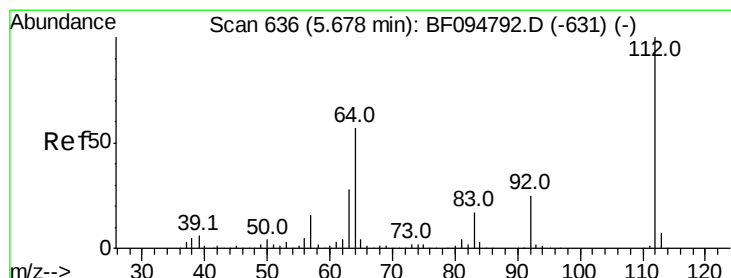
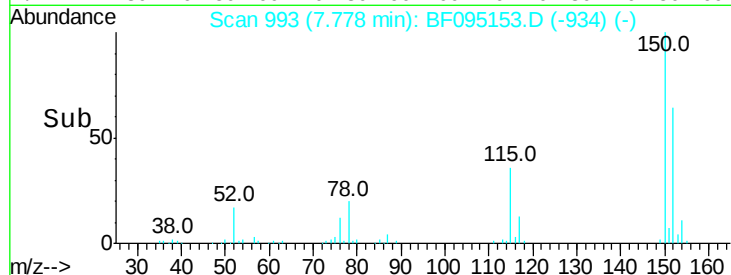
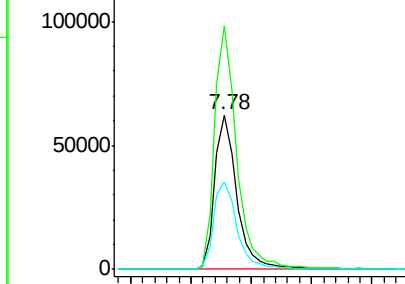
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	56.9	52.2	78.2

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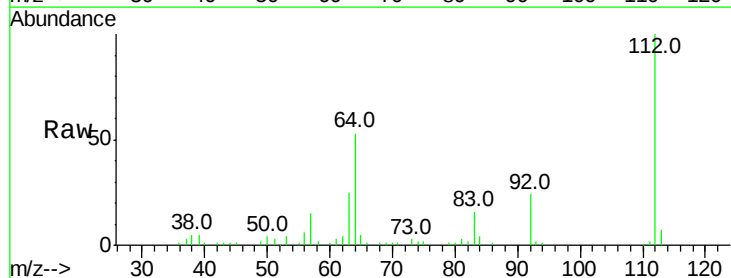
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



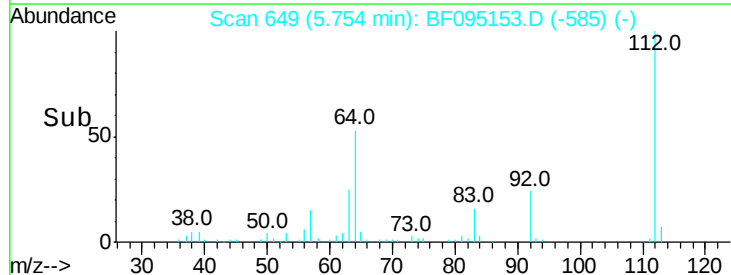
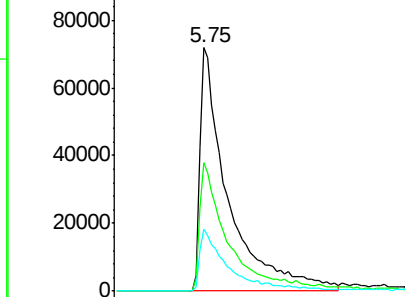
#5

2-Fluorophenol
Concen: 45.66 ng
RT: 5.75 min Scan# 649
Delta R.T. 0.08 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.0	69.0
63	25.4	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: 49.79 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095153.D

Acq: 16 May 2017 11:49

Instrument :

BNA_F

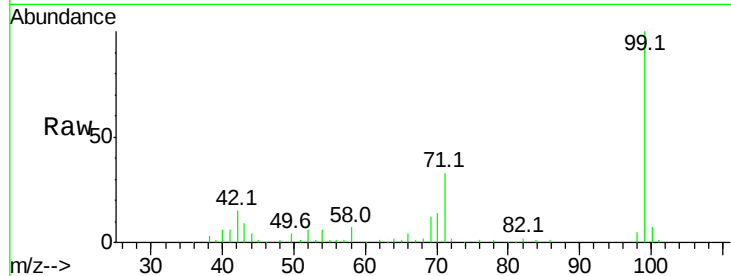
ClientSampled :

TP-3-3

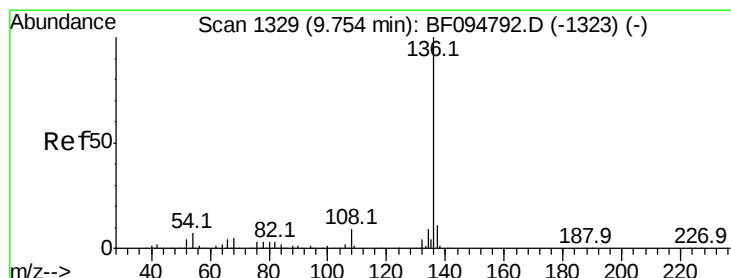
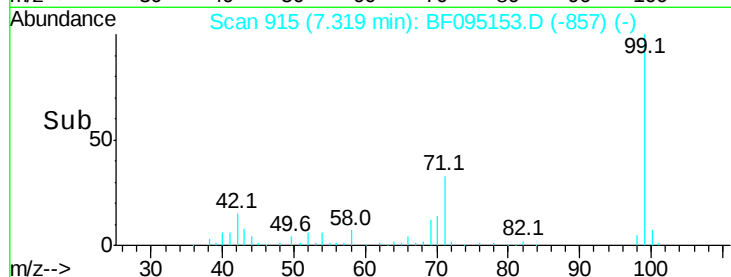
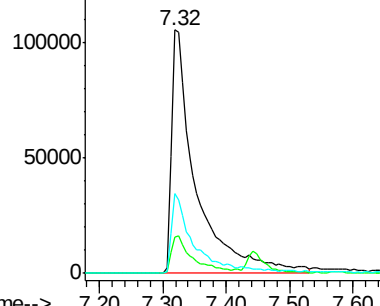
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		281256		
42	14.9	13.5	20.3		
71	32.6	24.5	36.7		

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.80 min Scan# 1336

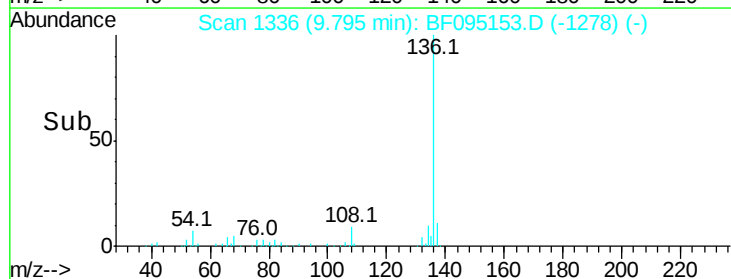
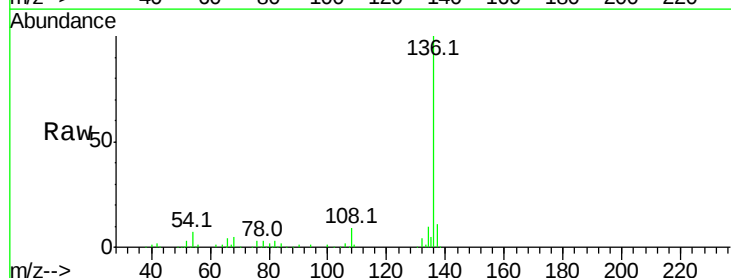
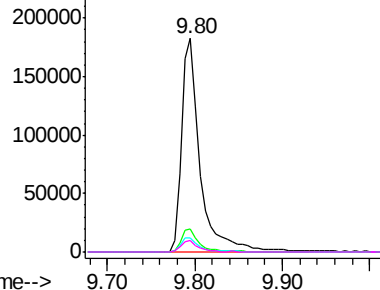
Delta R.T. 0.04 min

Lab File: BF095153.D

Acq: 16 May 2017 11:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		269618		
137	11.0	8.5	12.7		
54	6.9	4.9	7.3		
68	5.5	4.1	6.1		

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





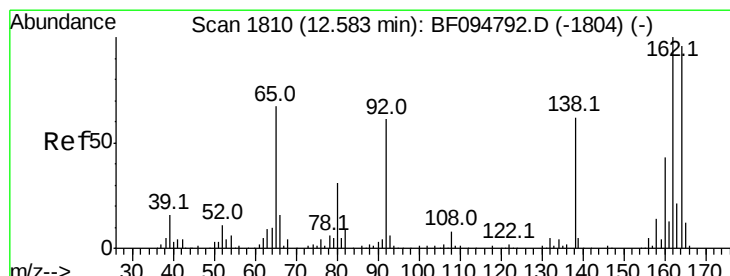
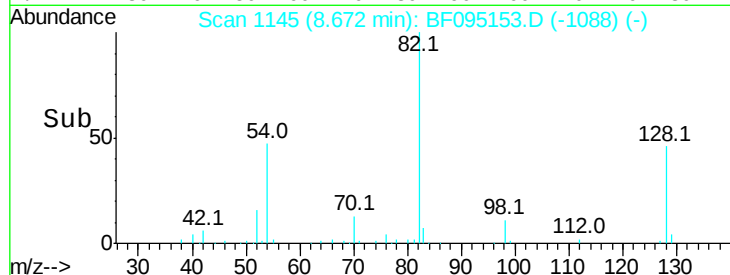
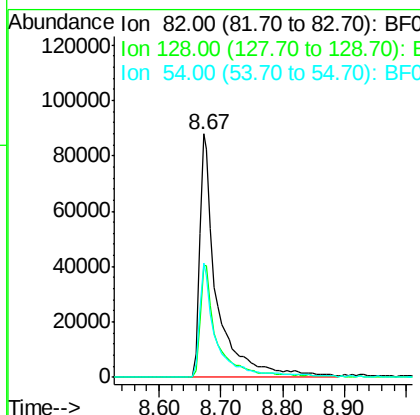
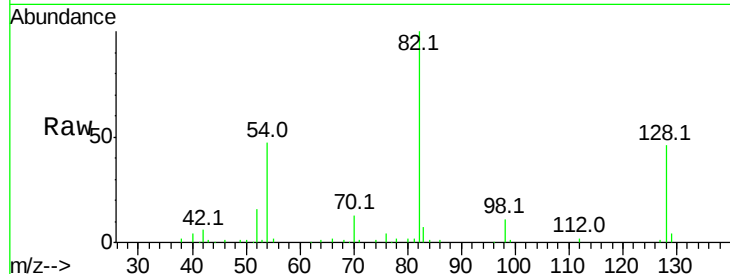
#23
 Nitrobenzene-d5
 Concen: 40.43 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. 0.04 min
 Lab File: BF095153.D
 Acq: 16 May 2017 11:49

Instrument :
 BNA_F
 ClientSampled :
 TP-3-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	47.0	42.2	63.2

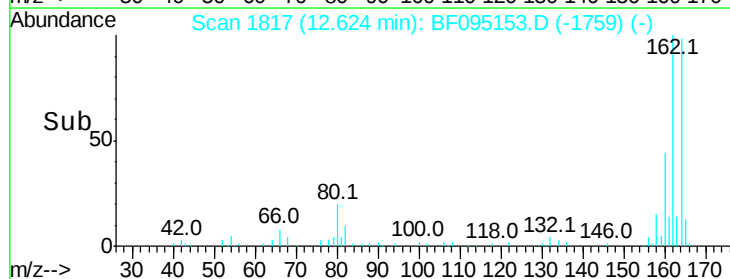
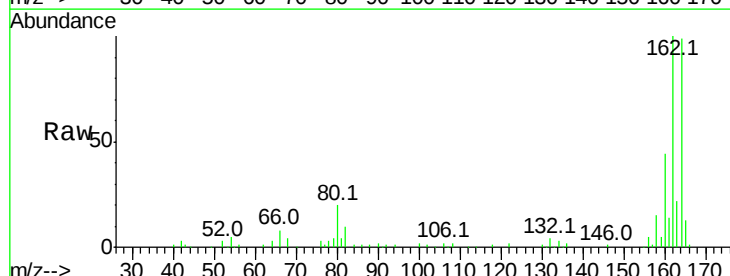
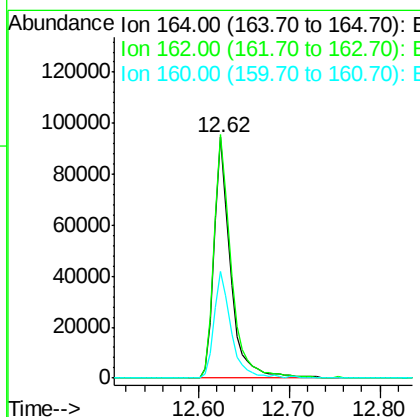
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.04 min
 Lab File: BF095153.D
 Acq: 16 May 2017 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	44.4	36.2	54.2





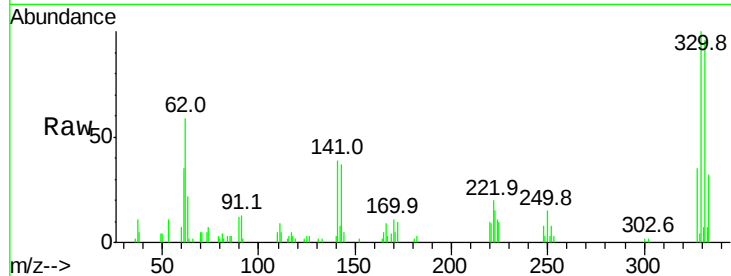
#41
 2,4,6-Tribromophenol
 Concen: 33.48 ng
 RT: 13.93 min Scan# 2039
 Delta R.T. 0.05 min
 Lab File: BF095153.D
 Acq: 16 May 2017 11:49

Instrument :
 BNA_F
 ClientSampled :
 TP-3-3

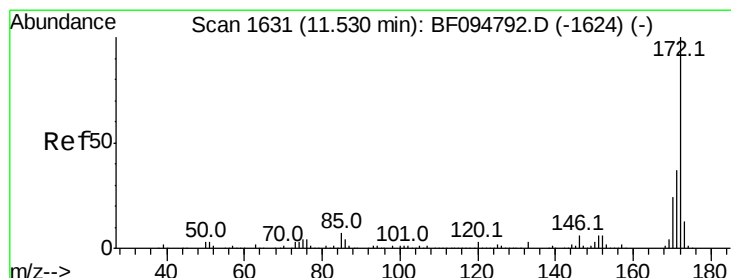
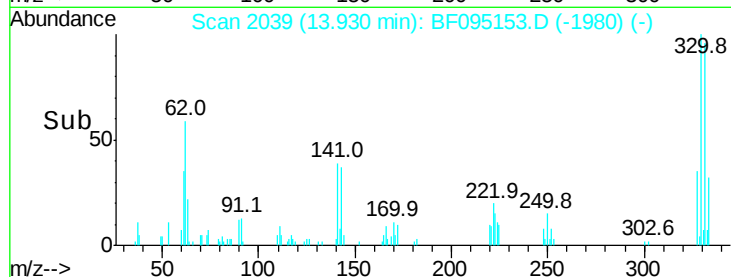
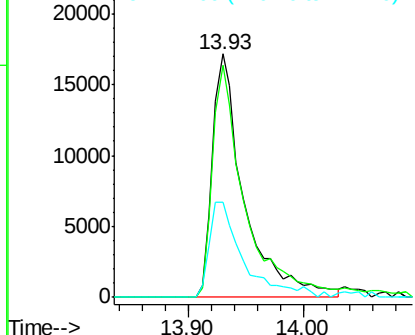
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7		76.6	115.0
141	41.2		31.4	47.2

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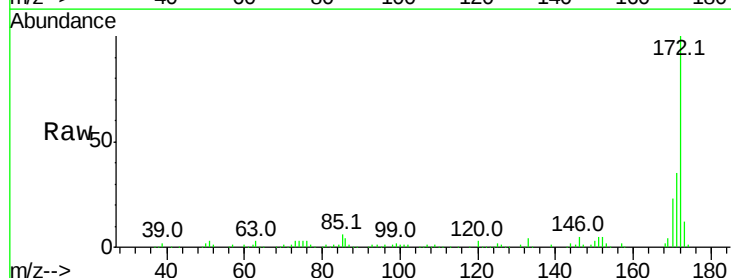


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

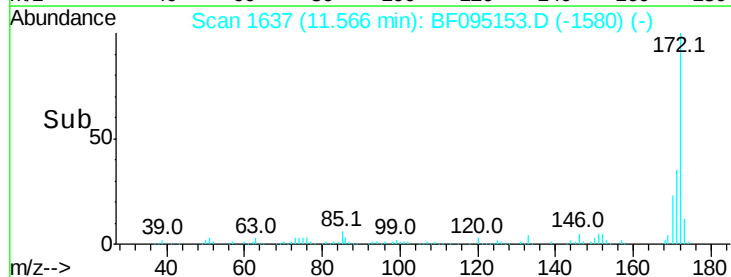
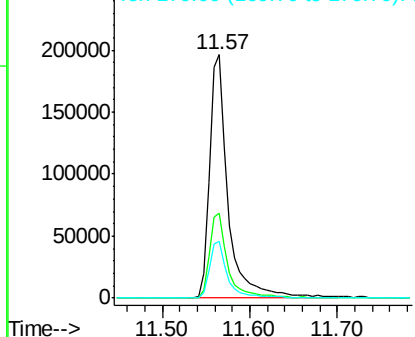


#44
 2-Fluorobiphenyl
 Concen: 34.56 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095153.D
 Acq: 16 May 2017 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8		29.6	44.4
170	23.2		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





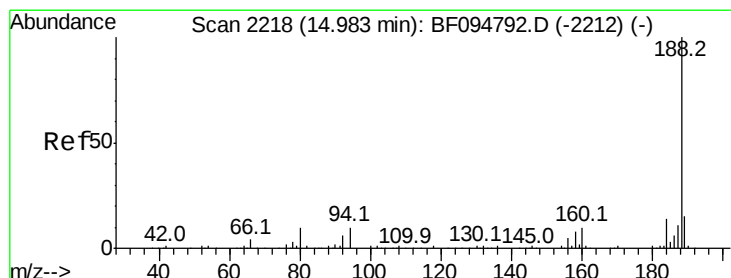
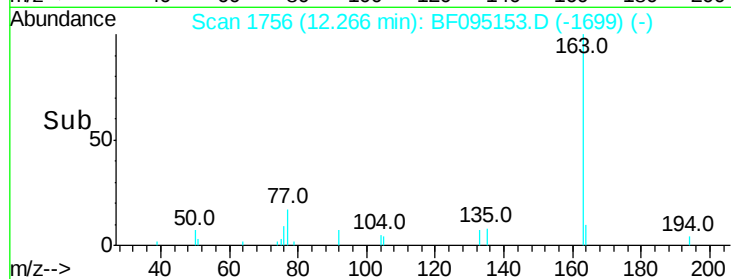
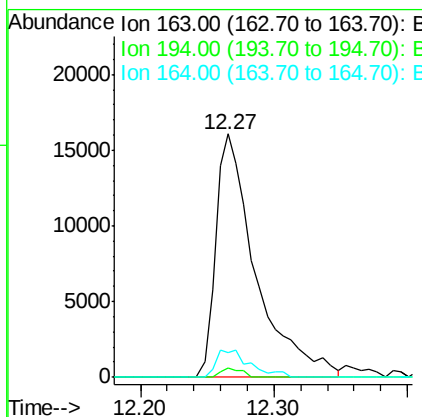
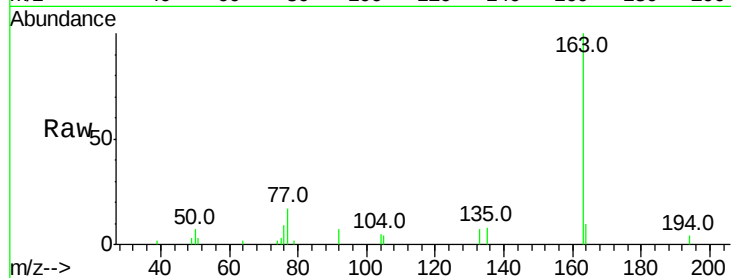
#49
Dimethylphthalate
Concen: 3.42 ng
RT: 12.27 min Scan# 1756
Delta R.T. 0.04 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :
TP-3-3

Tot Ion:163 Resp: 33705
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.0 8.4 12.6

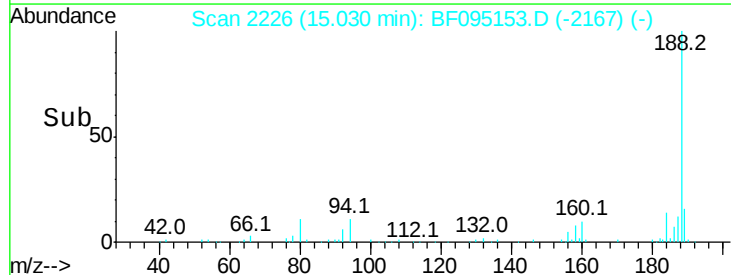
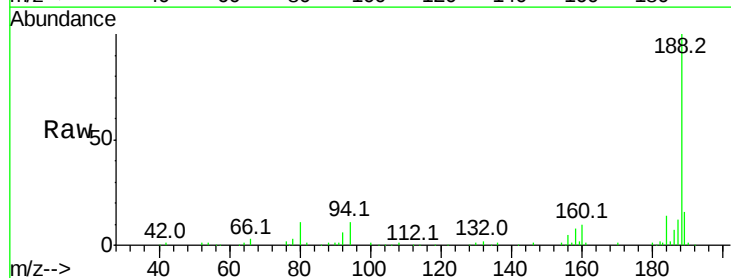
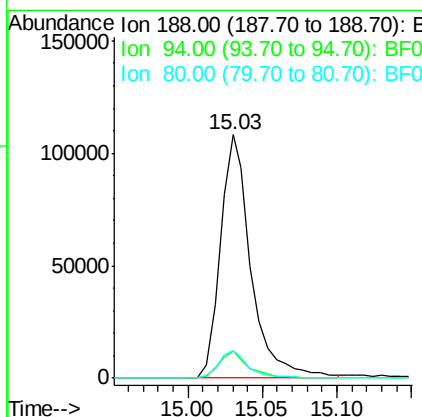
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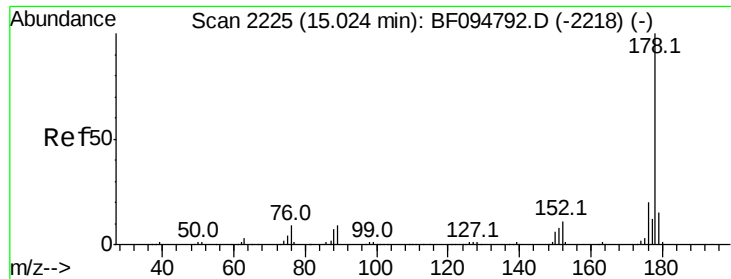
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion:188 Resp: 155245
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.1 10.2 15.2





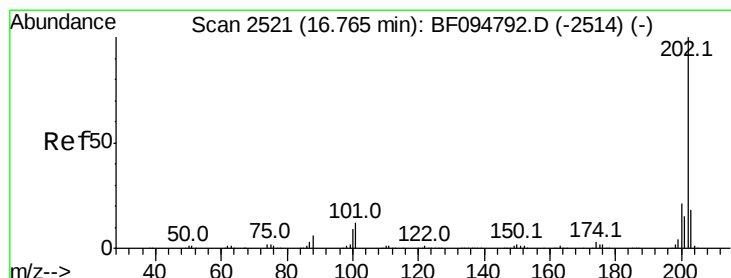
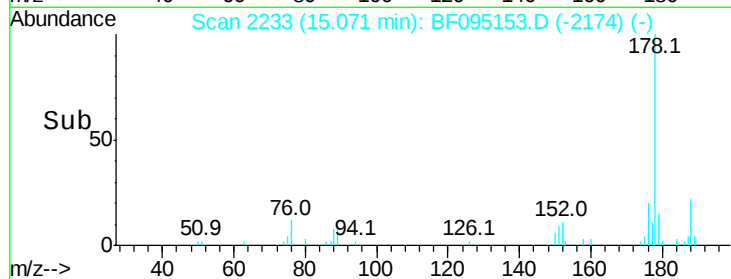
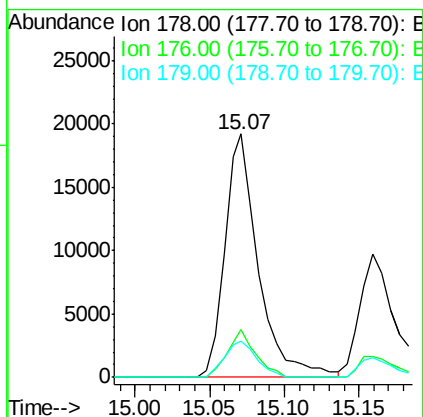
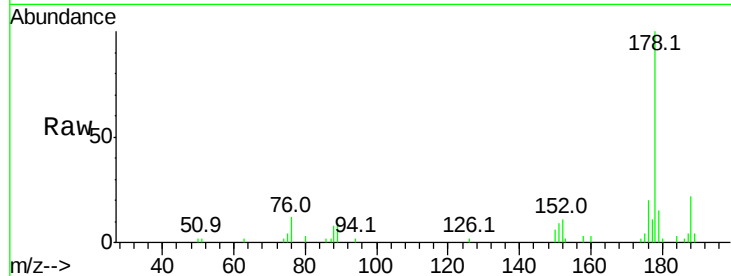
#70
Phenanthrene
Concen: 3.38 ng
RT: 15.07 min Scan# 2233
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampled :
TP-3-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	14.8	12.6	19.0

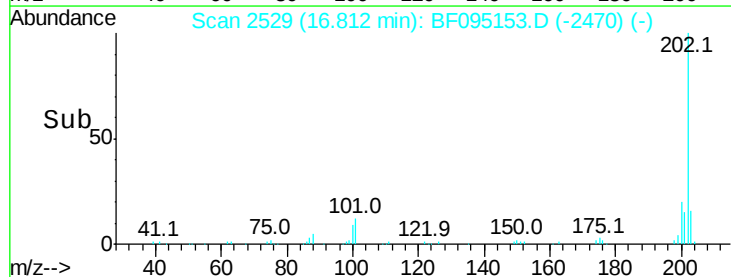
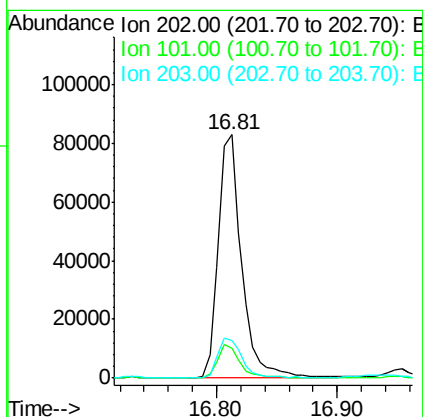
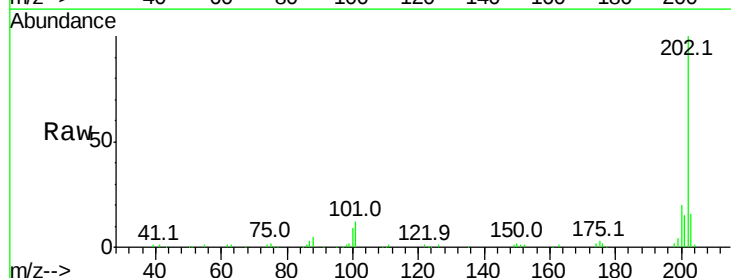
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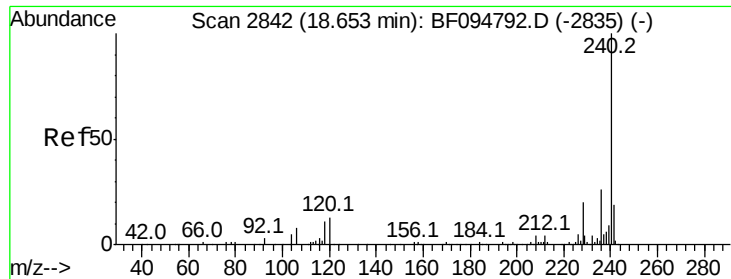
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#74
Fluoranthene
Concen: 12.15 ng
RT: 16.81 min Scan# 2529
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	15.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.70 min Scan# 2850

Delta R.T. 0.05 min

Lab File: BF095153.D

Acq: 16 May 2017 11:49

Instrument :

BNA_F

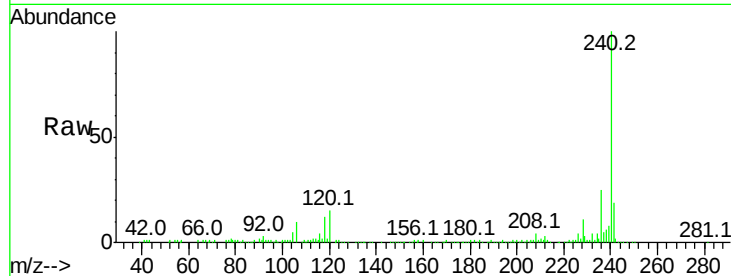
ClientSampleId :

TP-3-3

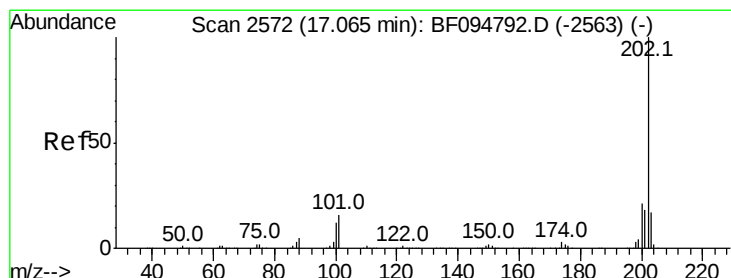
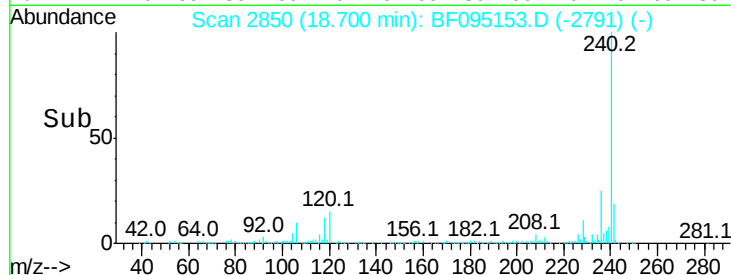
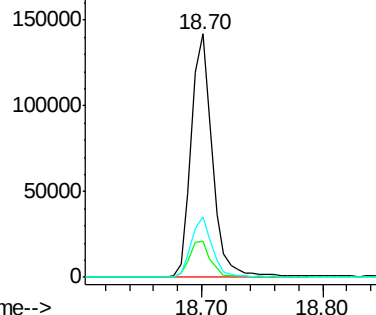
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.0	20.5	30.7

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 8.02 ng

RT: 17.11 min Scan# 2580

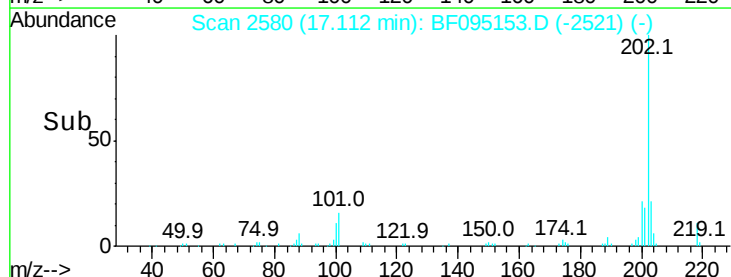
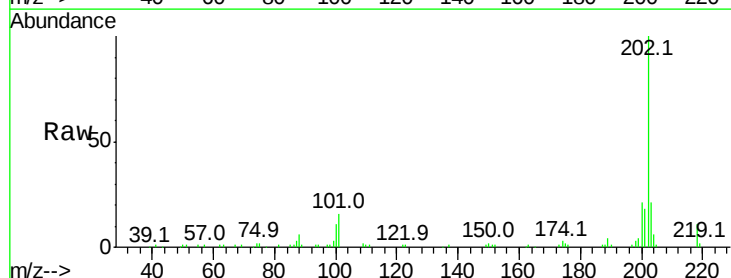
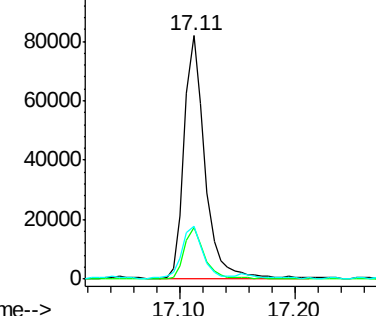
Delta R.T. 0.05 min

Lab File: BF095153.D

Acq: 16 May 2017 11:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	21.5	14.4	21.6

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





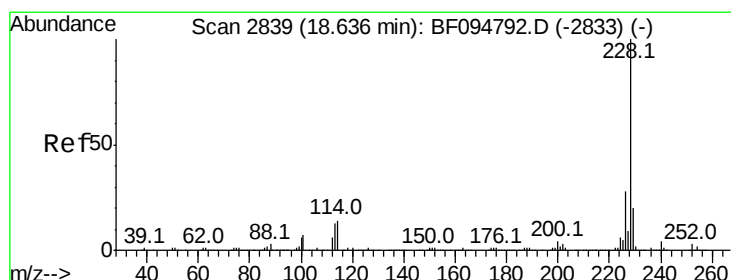
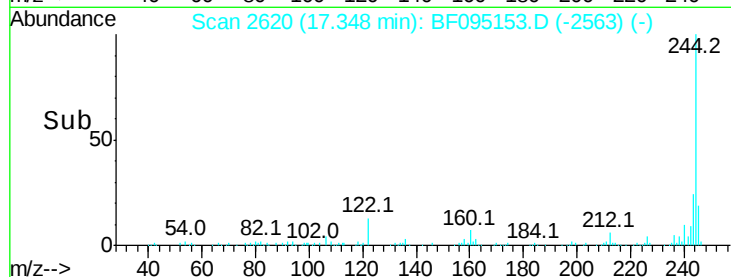
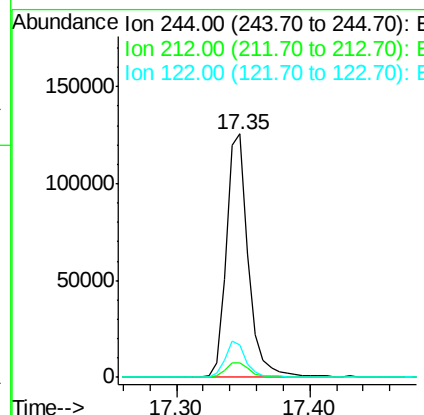
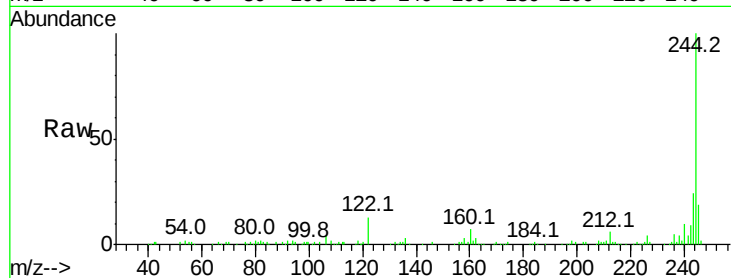
#78
 Terphenyl-d14
 Concen: 18.58 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095153.D
 Acq: 16 May 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	13.4	10.3	15.5

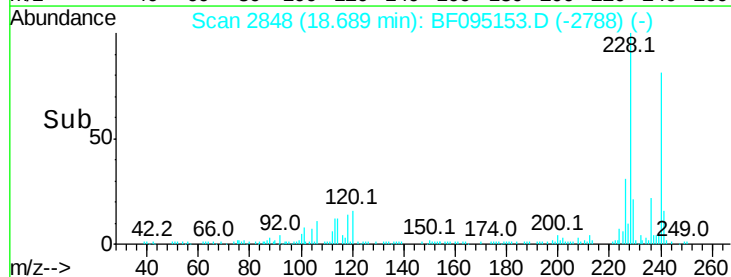
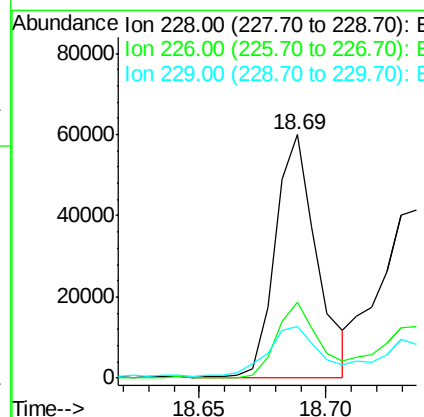
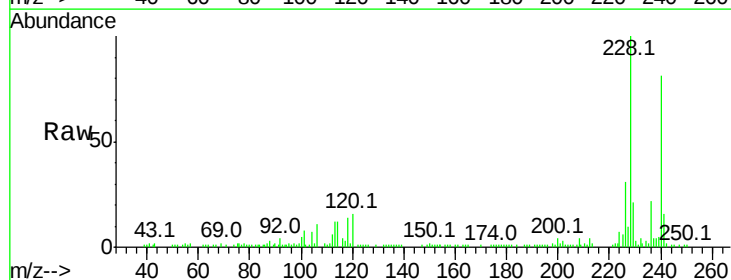
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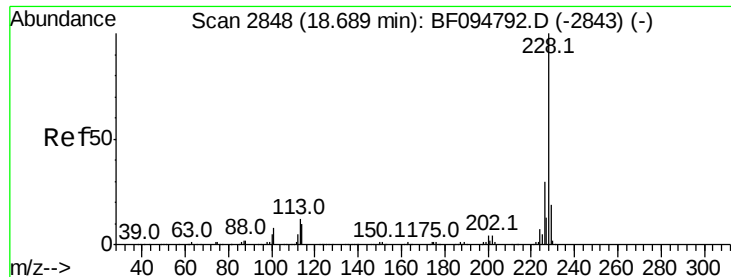
mohammad
 5/17/2017 2:21:04 PM



#80
 Benzo(a)anthracene
 Concen: 6.84 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. 0.05 min
 Lab File: BF095153.D
 Acq: 16 May 2017 11:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	21.3	16.3	24.5





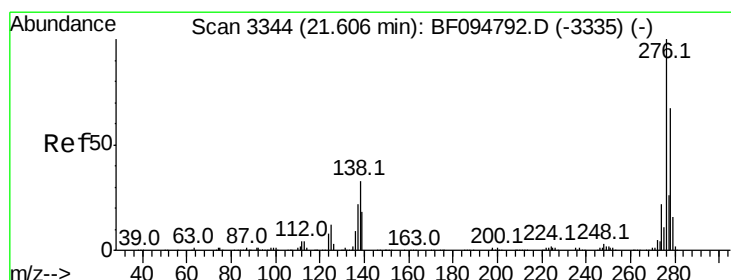
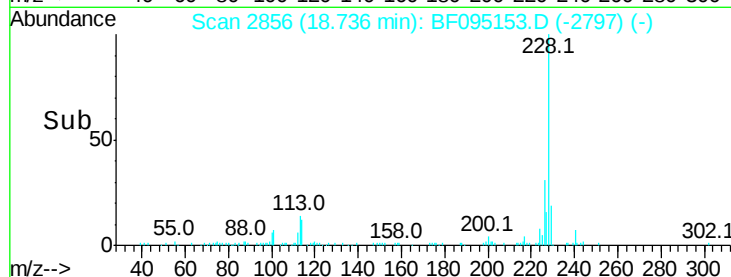
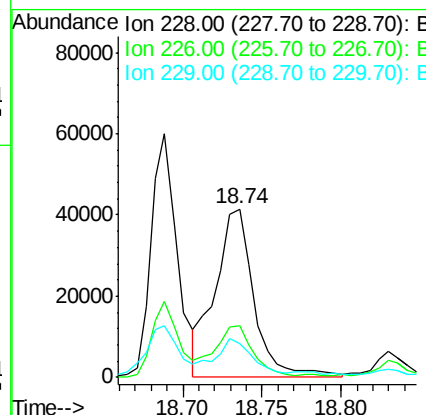
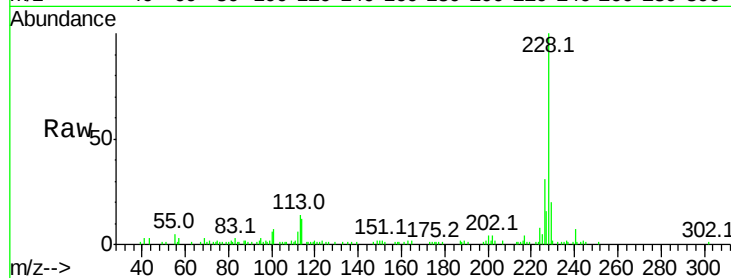
#82
Chrysene
Concen: 7.23 ng
RT: 18.74 min Scan# 2856
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :
TP-3-3

Tot Ion:	228	Resp:	70349
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.9	37.3
229	20.2	15.8	23.6

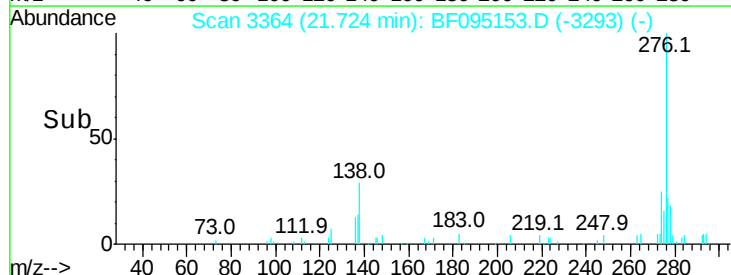
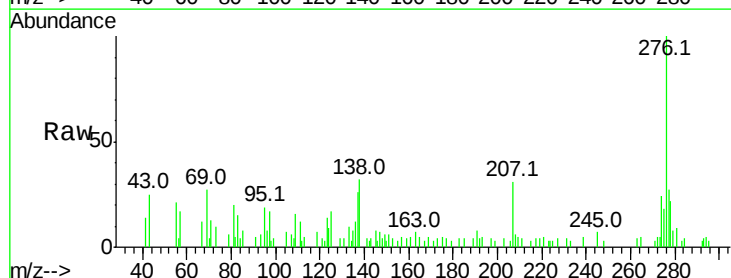
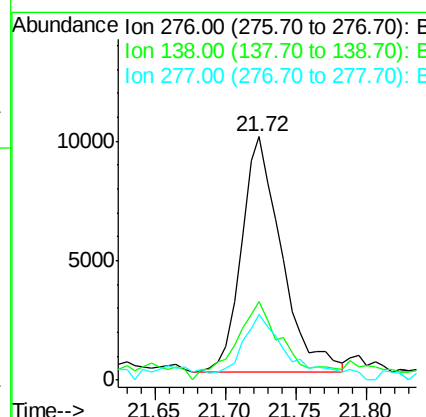
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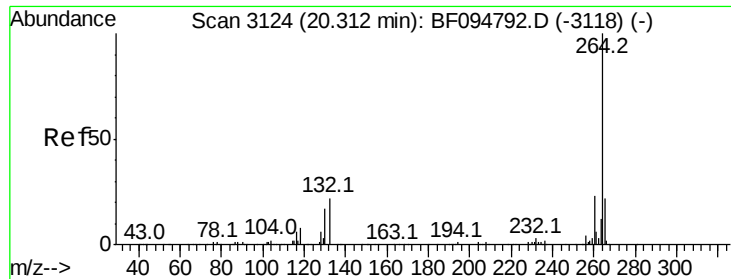
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.48 ng
RT: 21.72 min Scan# 3364
Delta R.T. 0.12 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion:	276	Resp:	19578
Ion Ratio	Lower	Upper	
276	100		
138	39.6	27.8	41.6
277	33.0	20.2	30.4#





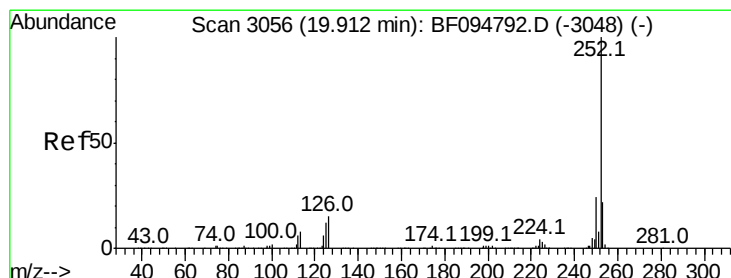
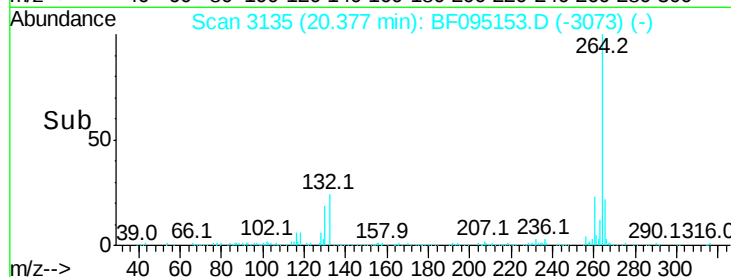
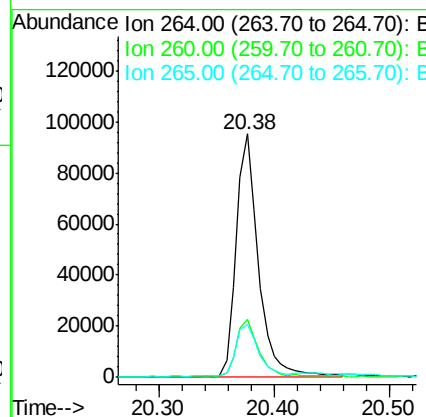
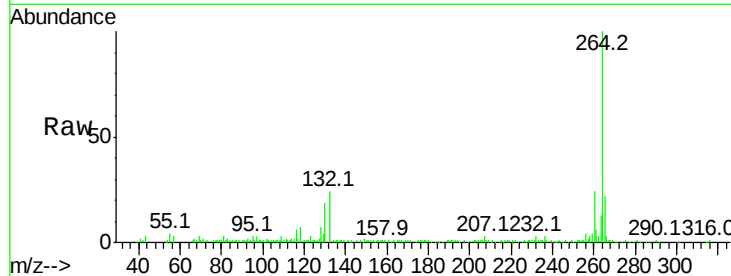
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.38 min Scan# 3135
Delta R.T. 0.06 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampleId :
TP-3-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.9	17.2	25.8

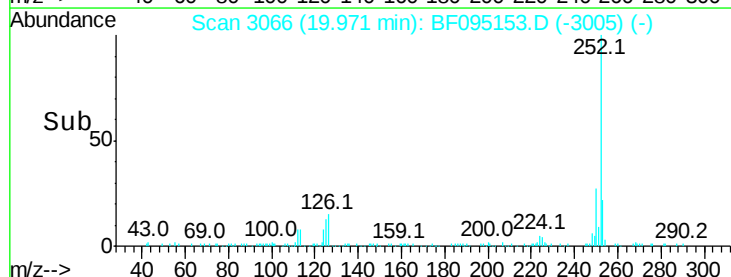
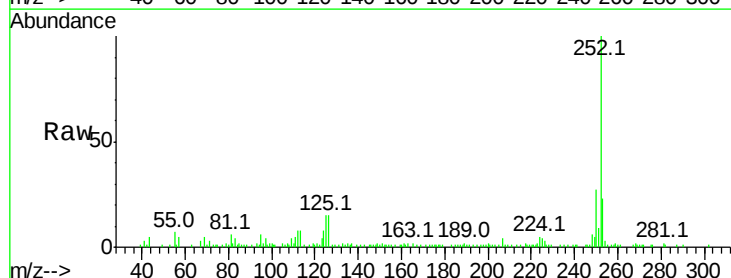
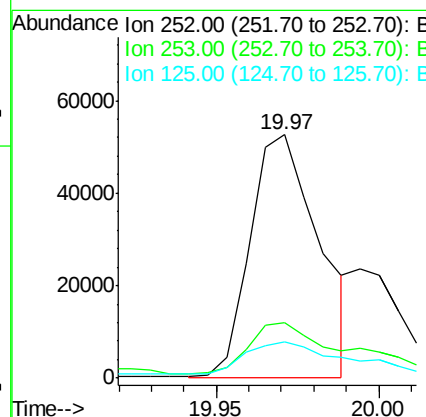
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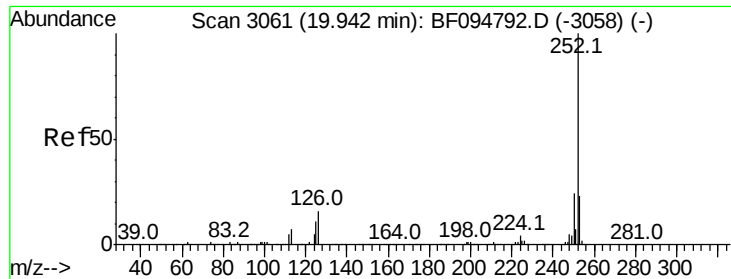
mohammad
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#87
Benzo(b)fluoranthene
Concen: 9.83 ng m
RT: 19.97 min Scan# 3066
Delta R.T. 0.06 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	15.1	9.8	14.8#





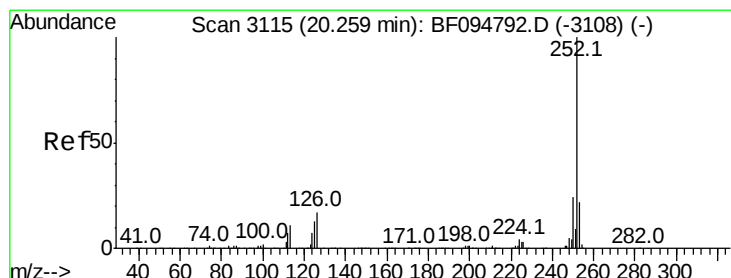
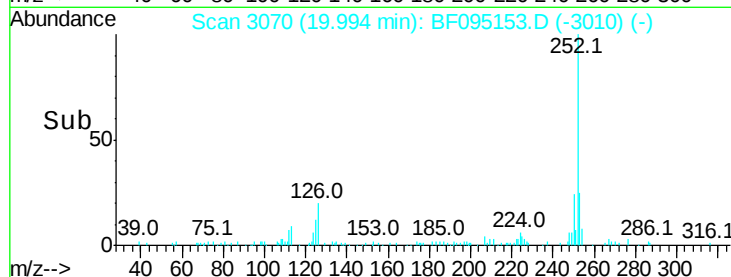
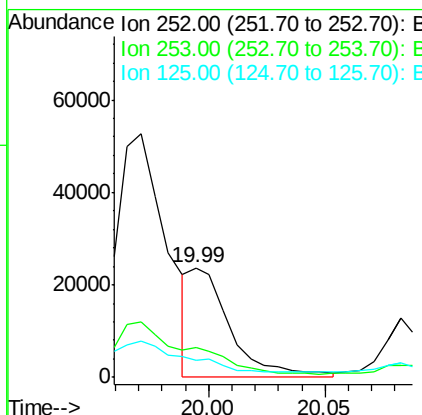
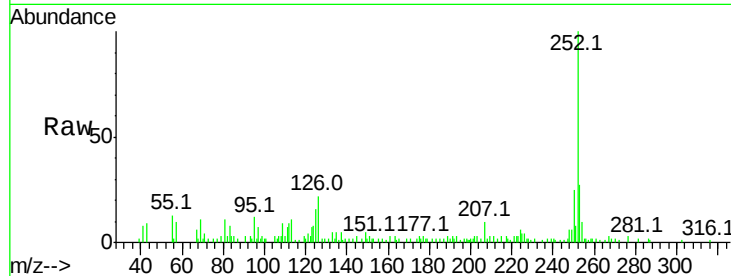
#88
Benzo(k)fluoranthene
Concen: 3.75 ng m
RT: 19.99 min Scan# 3070
Delta R.T. 0.05 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Instrument :
BNA_F
ClientSampled :
TP-3-3

Tot Ion	Ratio	Resp	Lower	Upper
252	100	28610		
253	26.8		18.4	27.6
125	15.9		13.1	19.7

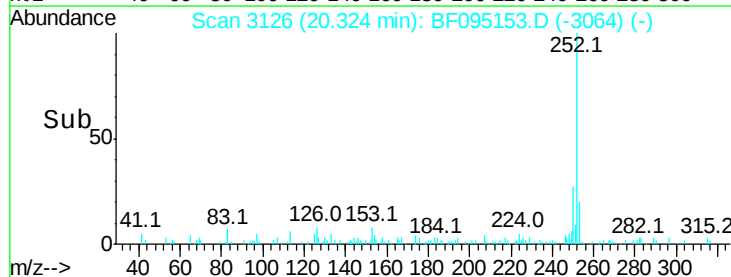
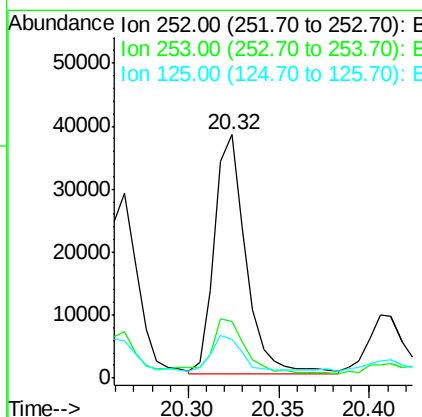
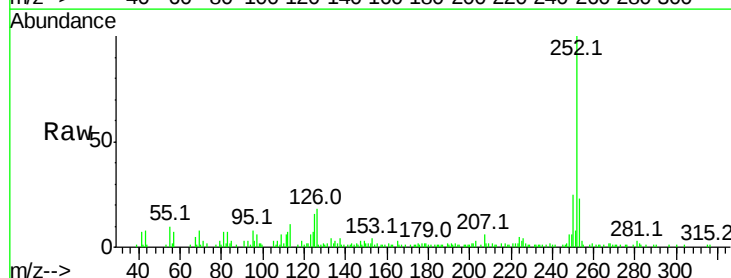
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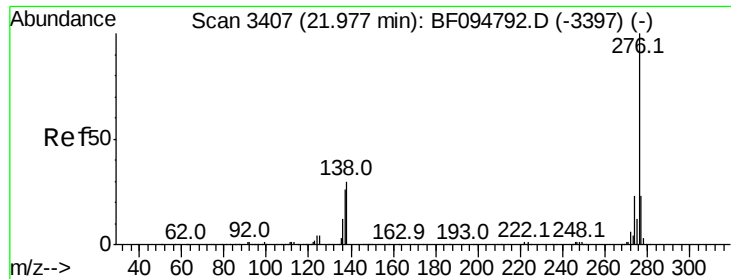
mohammad
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#89
Benzo(a)pyrene
Concen: 6.33 ng
RT: 20.32 min Scan# 3126
Delta R.T. 0.06 min
Lab File: BF095153.D
Acq: 16 May 2017 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	46212		
253	23.2		17.5	26.3
125	15.9		11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 4.02 ng
 RT: 22.12 min Scan# 3431
 Delta R.T. 0.14 min
 Lab File: BF095153.D
 Acq: 16 May 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-3

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	31.0	25.4	38.0

Manual Integrations
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