

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095528.D
 Acq On : 28 May 2017 9:51
 Operator : SJ/MA
 Sample : I3339-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q3-BASE

Manual Integrations
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Quant Time: May 29 04:36:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	100319	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	383851	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	153963	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	224844	20.00	ng	0.00
75) Chrysene-d12	18.67	240	217714	20.00	ng	0.00
86) Perylene-d12	20.35	264	156943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	575395	95.63	ng	0.00
7) Phenol-d6	7.28	99	700547	97.03	ng	-0.01
23) Nitrobenzene-d5	8.65	82	400430	65.78	ng	0.00
41) 2,4,6-Tribromophenol	13.90	330	96328	76.40	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	724576	67.74	ng	0.00
78) Terphenyl-d14	17.31	244	433266	43.83	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	217212	17.19	ng	98
70) Phenanthrene	15.04	178	130201	10.08	ng	99
74) Fluoranthene	16.78	202	224865	16.97	ng	98
77) Pyrene	17.08	202	224496	13.79	ng	96
80) Benzo(a)anthracene	18.66	228	114260	9.02	ng	98
82) Chrysene	18.71	228	129039	10.53	ng	99
85) Indeno(1,2,3-cd)pyrene	21.70	276	41786	4.20	ng	96
87) Benzo(b)fluoranthene	19.95	252	128043m	13.20	ng	
88) Benzo(k)fluoranthene	19.97	252	43320m	4.63	ng	
89) Benzo(a)pyrene	20.30	252	81108	9.06	ng	93
91) Benzo(g,h,i)perylene	22.09	276	44822	6.18	ng	97

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

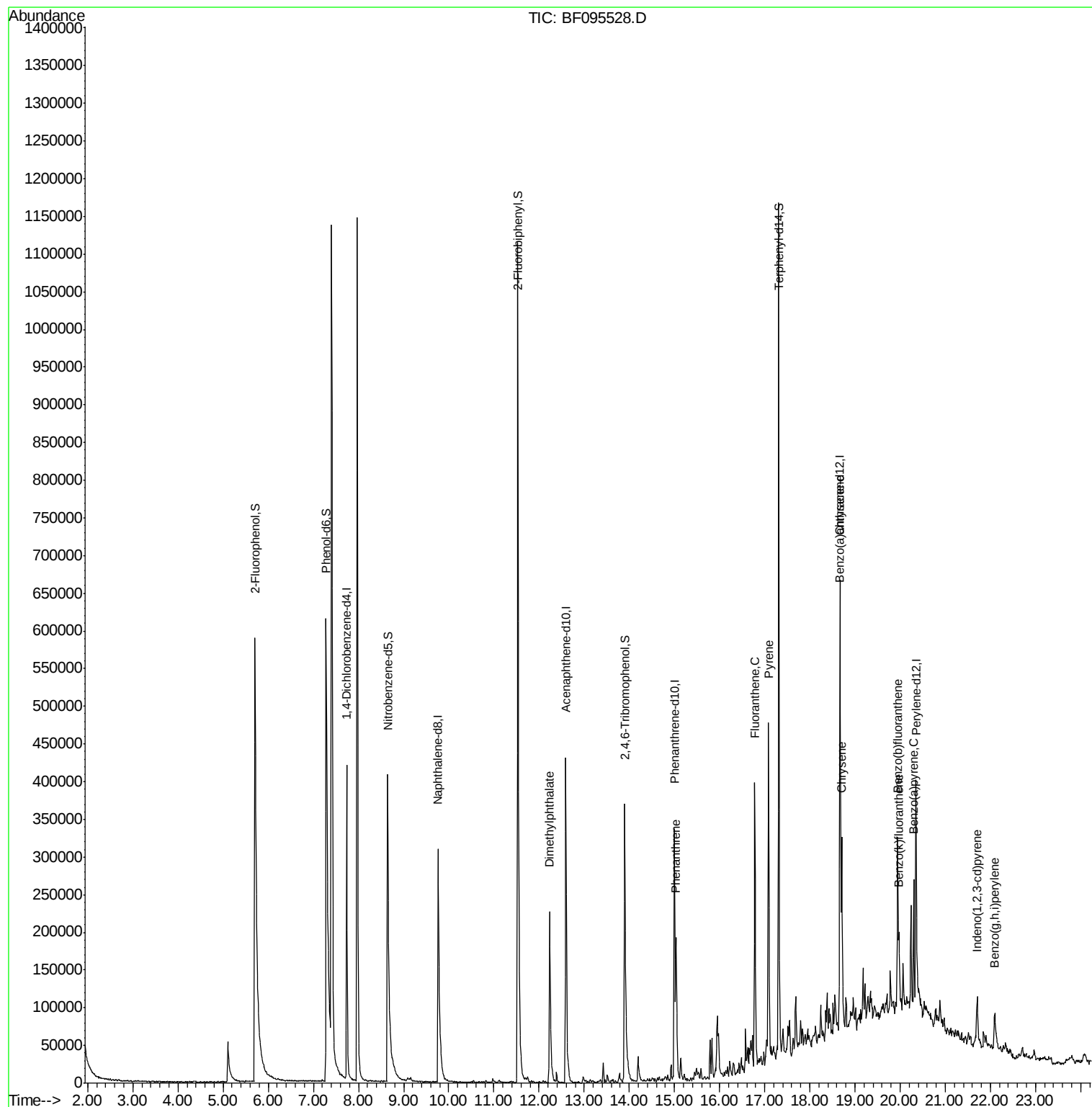
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095528.D
Acq On : 28 May 2017 9:51
Operator : SJ/MA
Sample : I3339-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

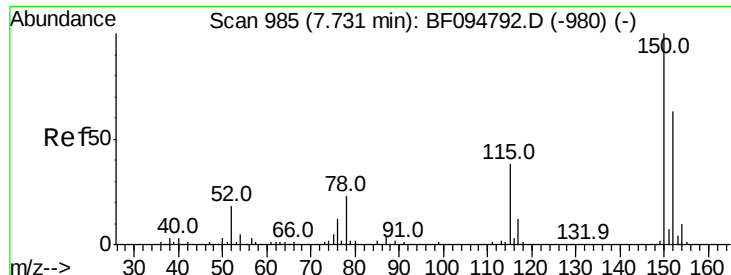
Instrument :
BNA_F
ClientSampleId :
E2-Q3-BASE

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#1

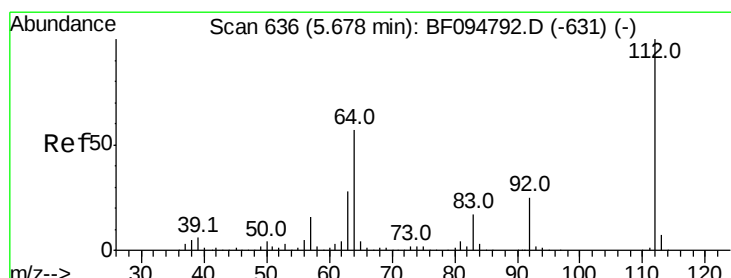
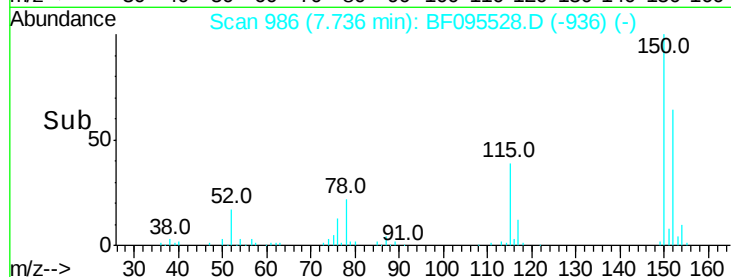
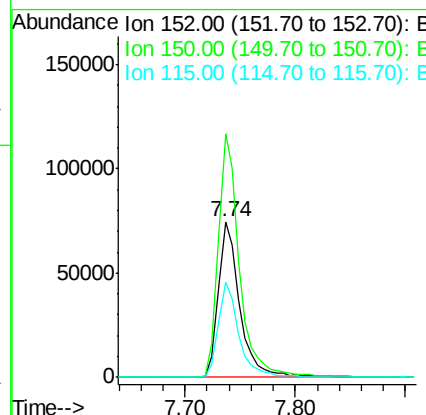
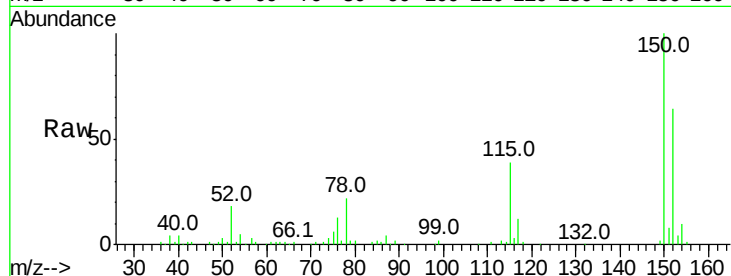
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095528.D
Acq: 28 May 2017 9:51

Instrument :
BNA_F
ClientSampleId :
E2-Q3-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	60.9	52.2	78.2

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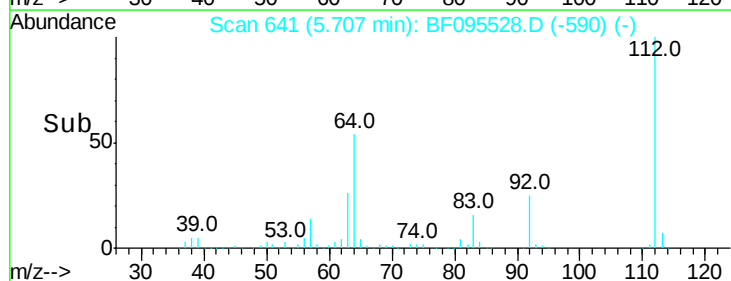
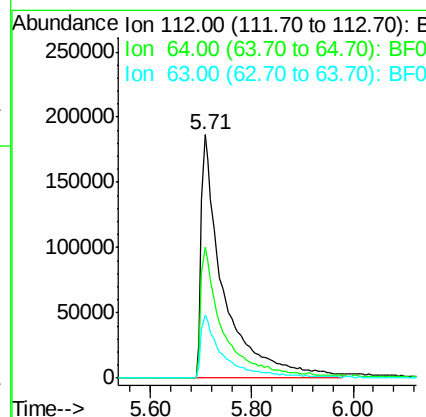
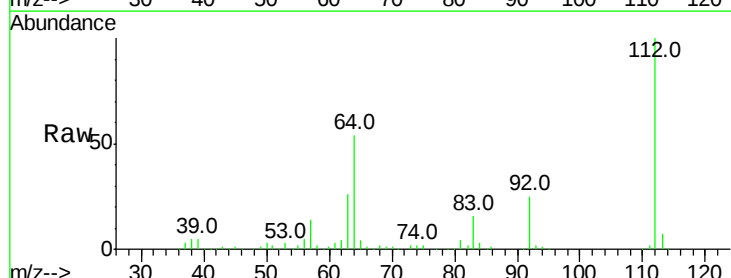
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#5

2-Fluorophenol
Concen: 95.63 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF095528.D
Acq: 28 May 2017 9:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	25.7	23.4	35.0





#7

Phenol-d6

Concen: 97.03 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095528.D

Acq: 28 May 2017 9:51

Instrument :

BNA_F

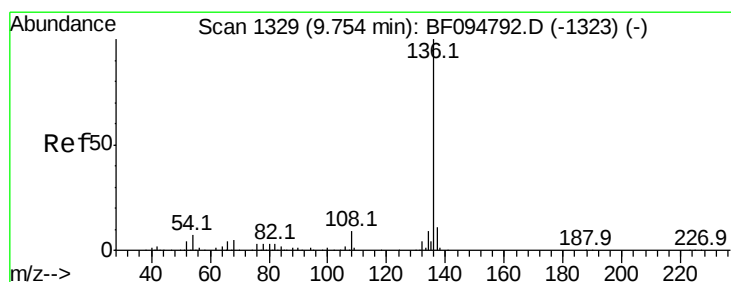
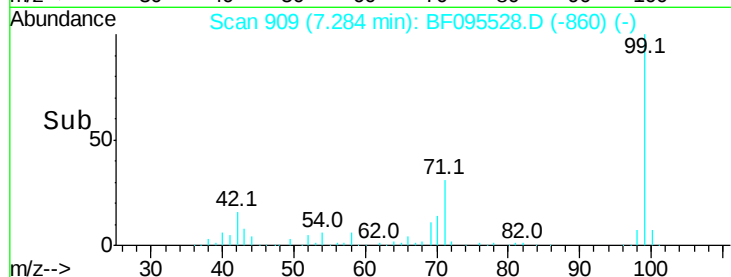
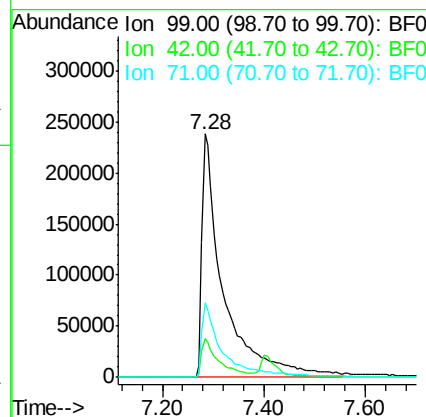
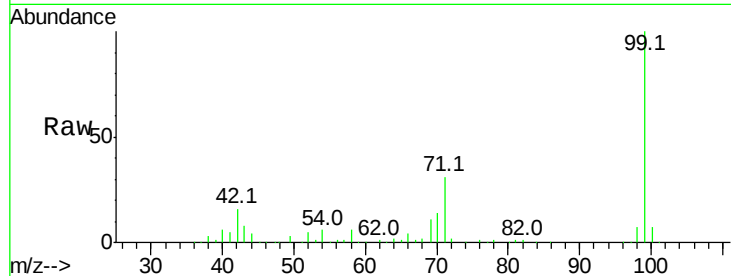
ClientSampleId :

E2-Q3-BASE

Tot Ion:	99	Resp:	700547
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.5	20.3
71	30.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

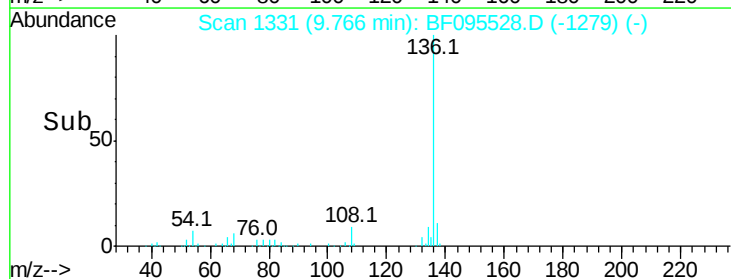
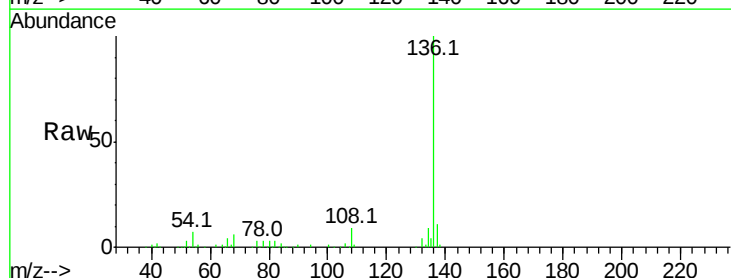
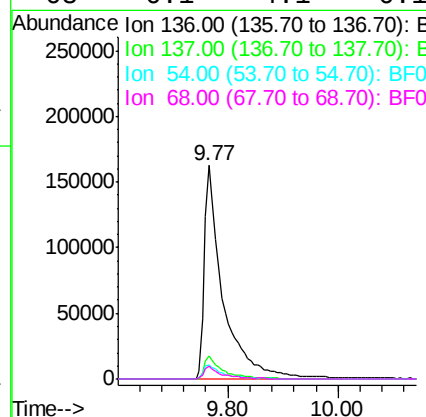
RT: 9.77 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF095528.D

Acq: 28 May 2017 9:51

Tgt Ion:	136	Resp:	383851
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.8	4.9	7.3
68	6.1	4.1	6.1





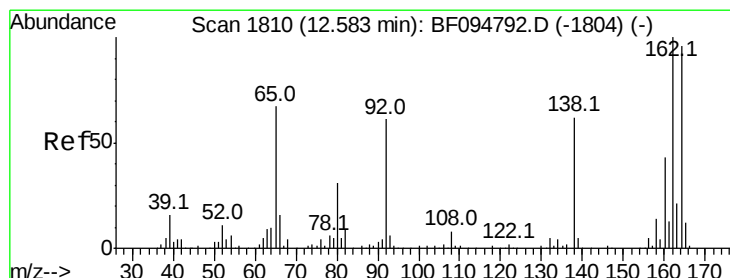
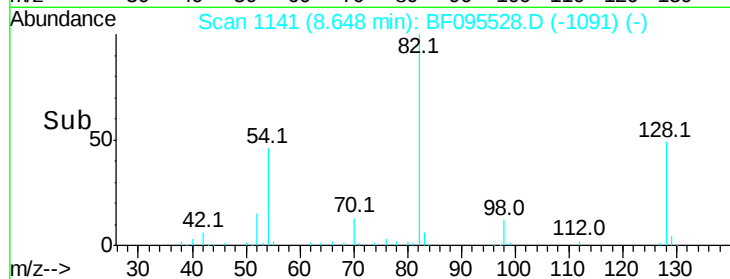
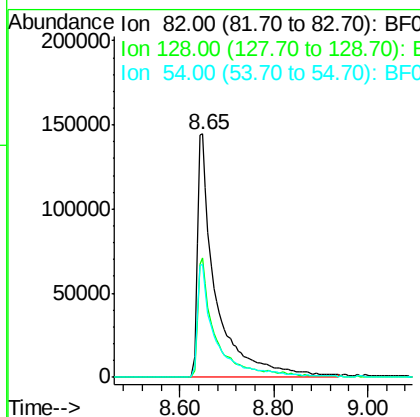
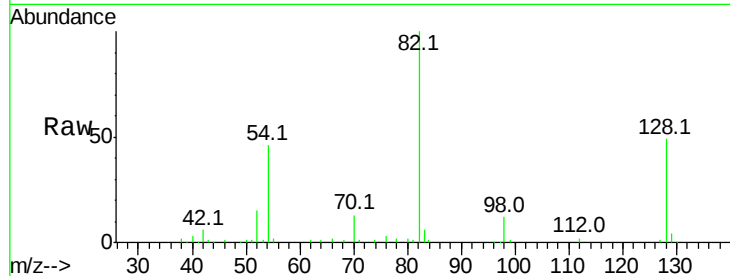
#23
Nitrobenzene-d5
Concen: 65.78 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF095528.D
Acq: 28 May 2017 9:51

Instrument :
BNA_F
ClientSampleId :
E2-Q3-BASE

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.8	34.0	51.0	
54	46.3	42.2	63.2	

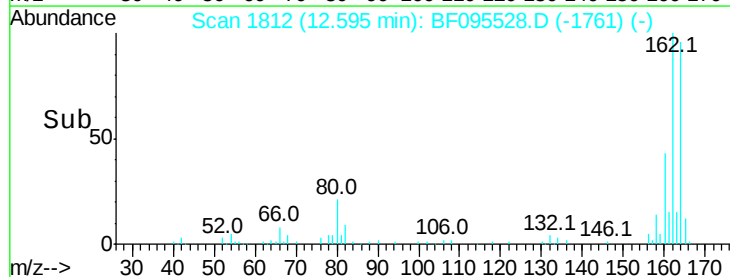
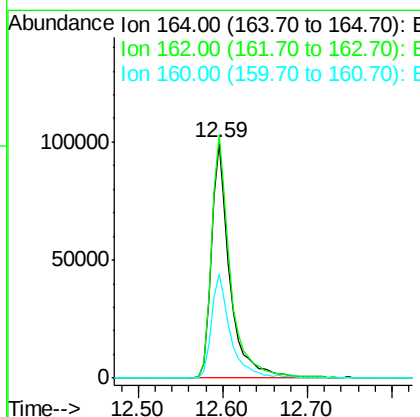
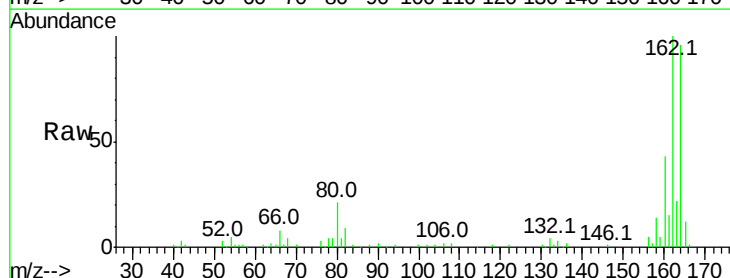
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF095528.D
Acq: 28 May 2017 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.7	82.6	123.8	
160	44.6	36.2	54.2	





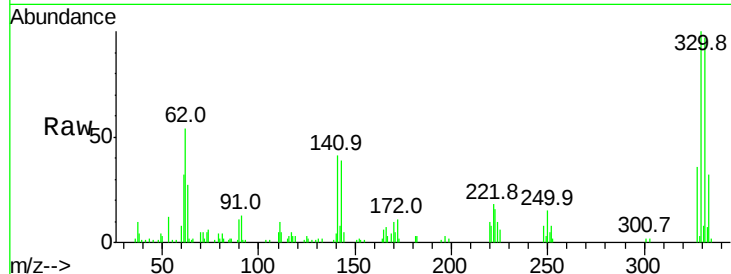
#41
 2,4,6-Tribromophenol
 Concen: 76.40 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF095528.D
 Acq: 28 May 2017 9:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q3-BASE

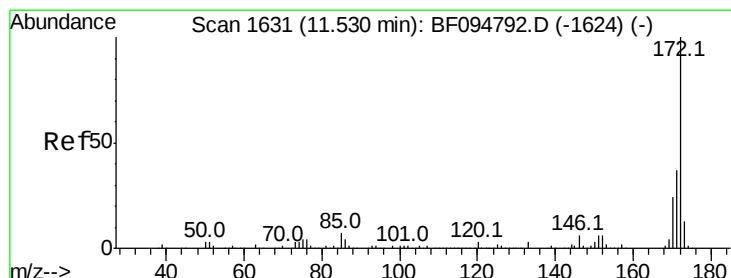
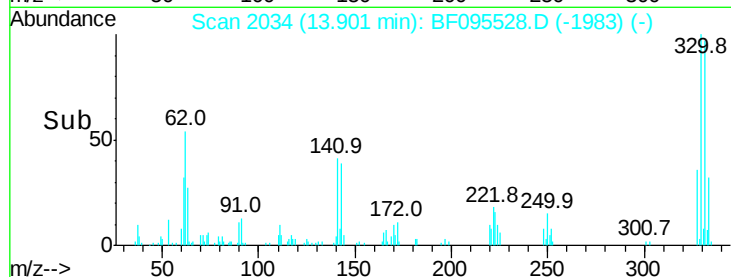
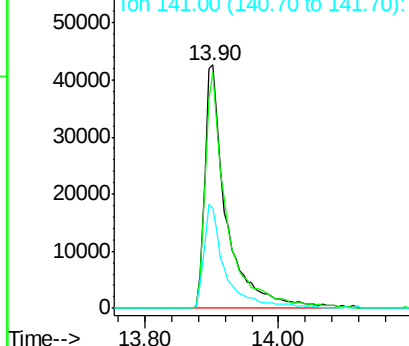
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	76.6	115.0	
141	41.2	31.4	47.2	

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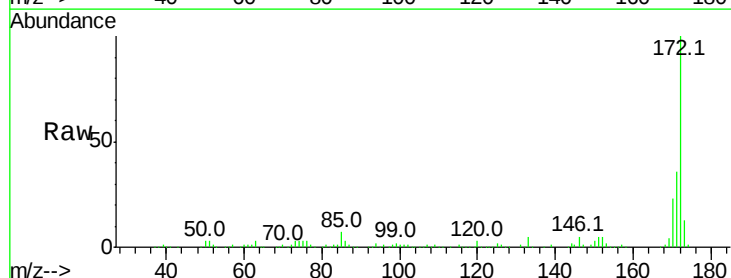


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

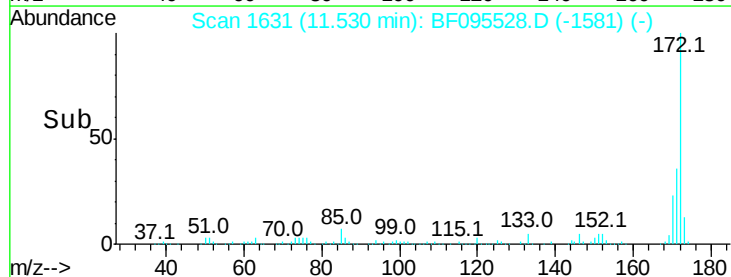
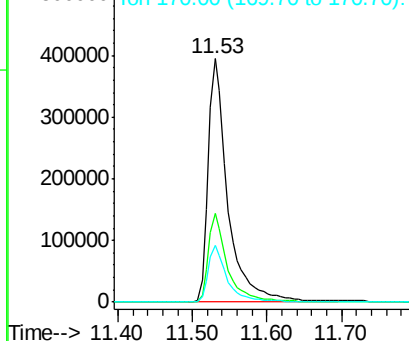


#44
 2-Fluorobiphenyl
 Concen: 67.74 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095528.D
 Acq: 28 May 2017 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	29.6	44.4	
170	23.4	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: 17.19 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF095528.D

Acq: 28 May 2017 9:51

Instrument :

BNA_F

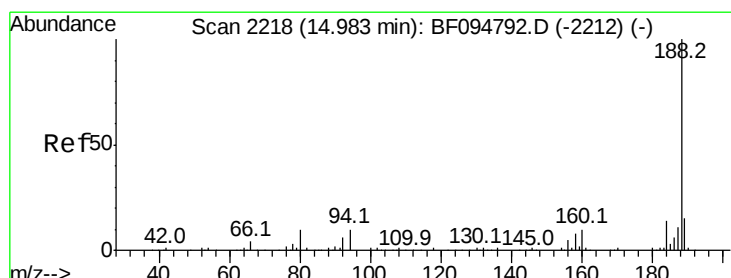
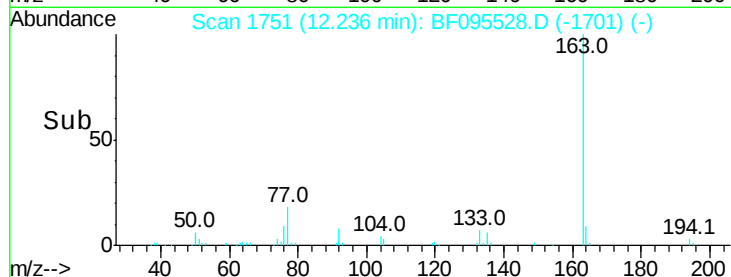
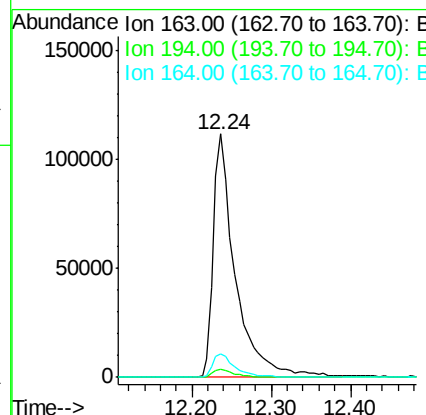
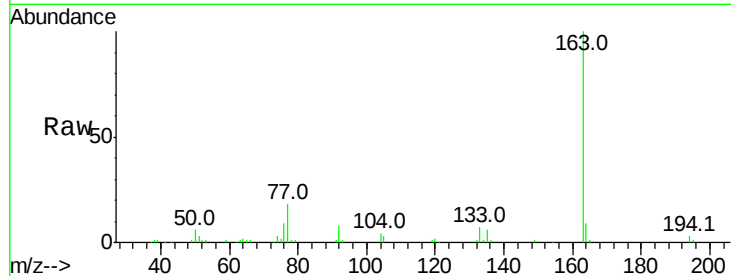
ClientSampleId :

E2-Q3-BASE

Tot Ion:	163	Resp:	217212
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	9.4	8.4	12.6

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#63

Phenanthrene-d10

Concen: 20.00 ng

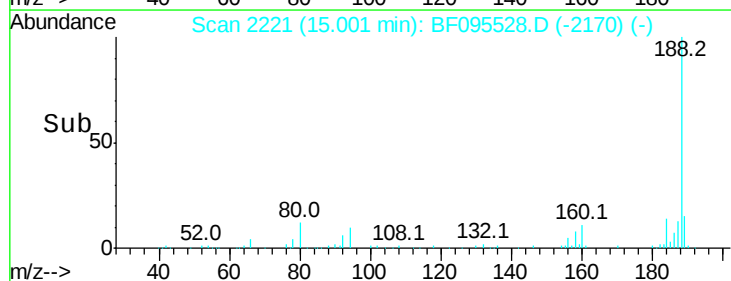
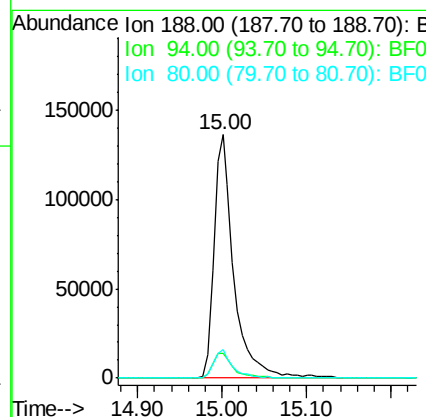
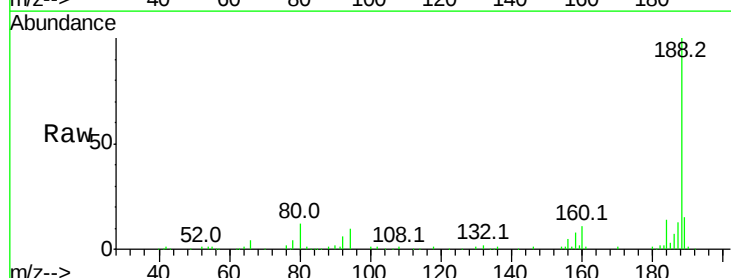
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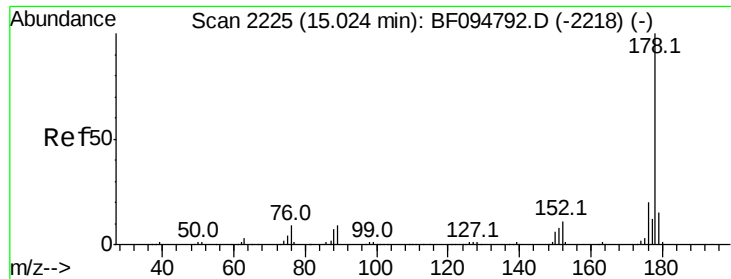
Delta R.T. 0.00 min

Lab File: BF095528.D

Acq: 28 May 2017 9:51

Tgt Ion:	188	Resp:	224844
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.4	14.2
80	11.8	10.2	15.2





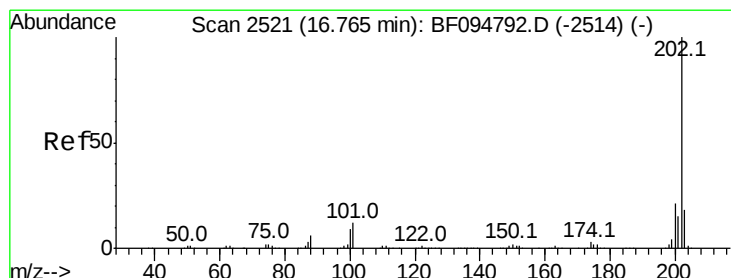
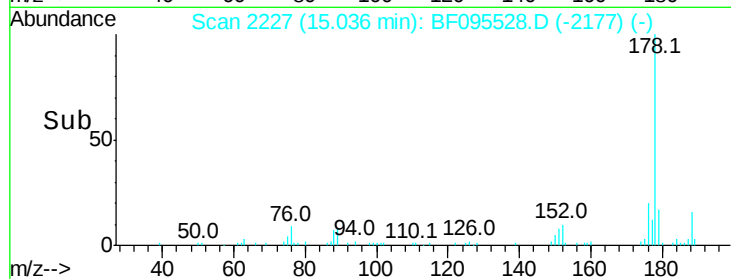
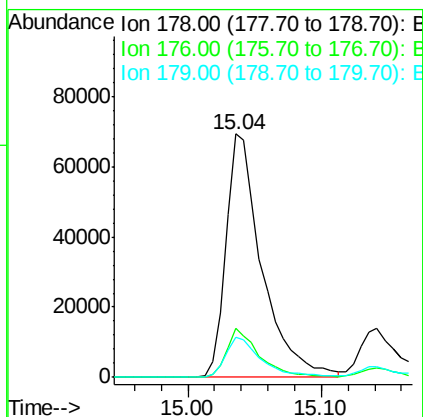
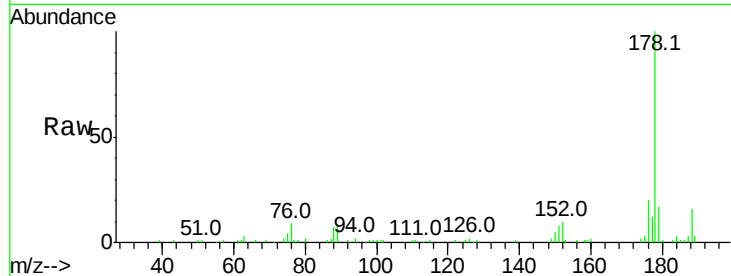
#70
Phenanthrene
Concen: 10.08 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF095528.D
Acq: 28 May 2017 9:51

Instrument :
BNA_F
ClientSampleId :
E2-Q3-BASE

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.5	12.6	19.0

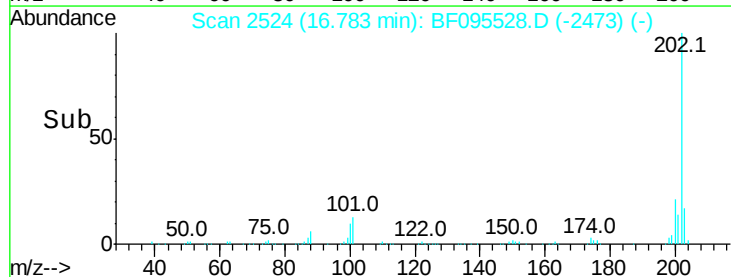
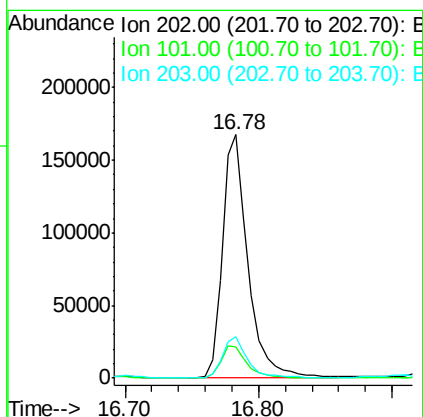
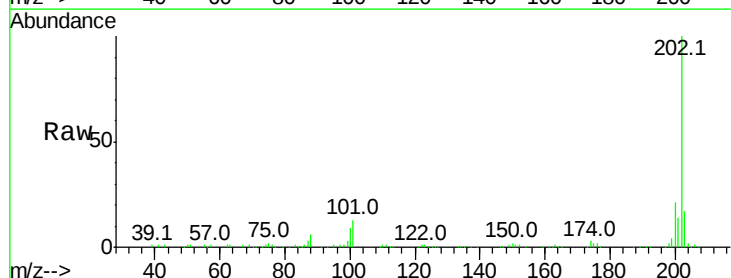
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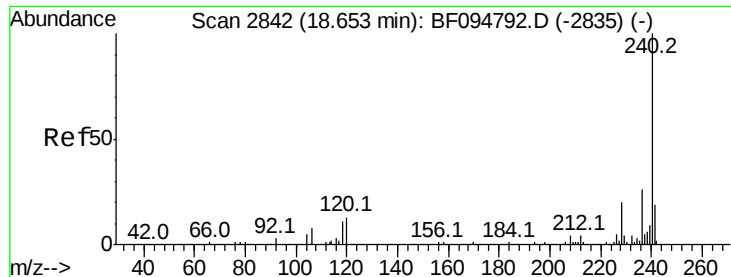
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#74
Fluoranthene
Concen: 16.97 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF095528.D
Acq: 28 May 2017 9:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095528.D

Acq: 28 May 2017 9:51

Instrument :

BNA_F

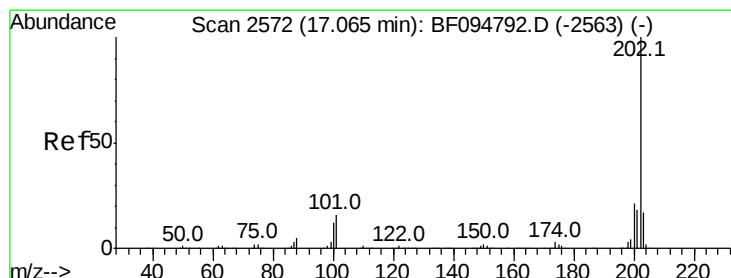
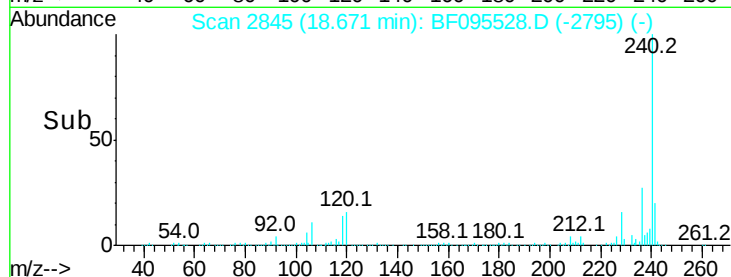
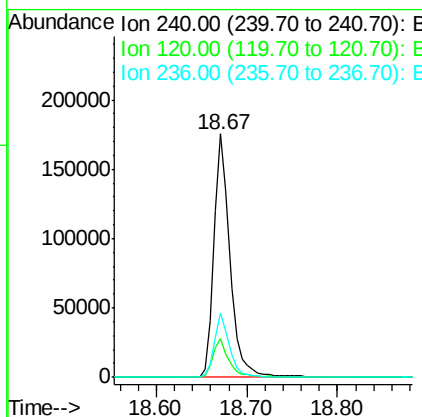
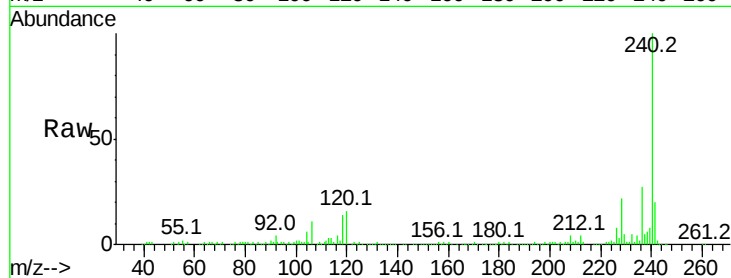
ClientSampleId :

E2-Q3-BASE

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	26.6	20.5	30.7

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#77

Pyrene

Concen: 13.79 ng

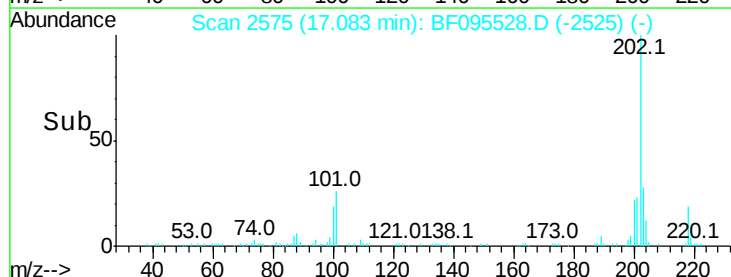
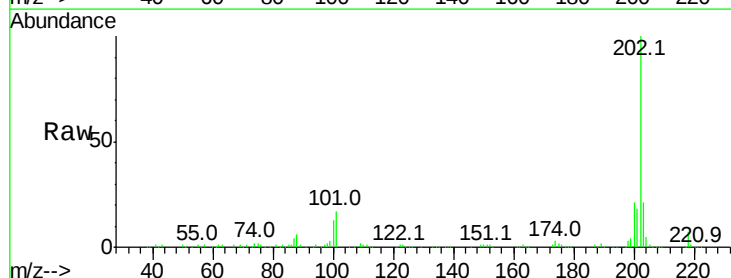
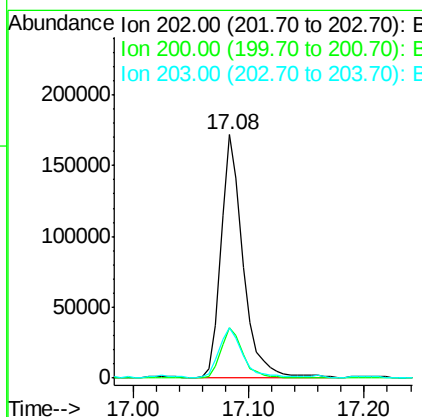
RT: 17.08 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF095528.D

Acq: 28 May 2017 9:51

Tgt Ion	Ratio	Lower	Upper
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200	20.7	17.6	26.4
203	20.7	14.4	21.6





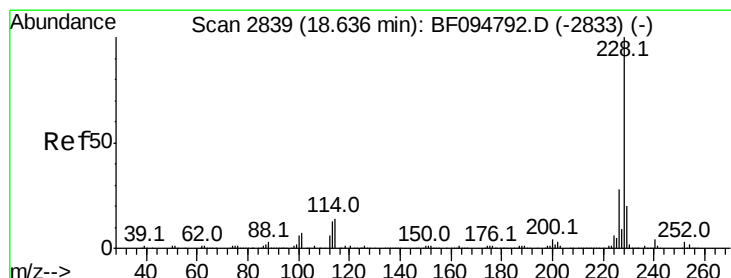
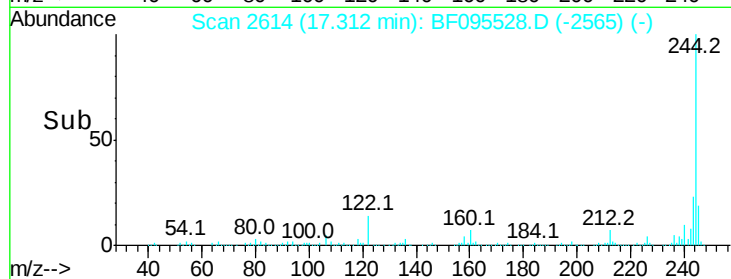
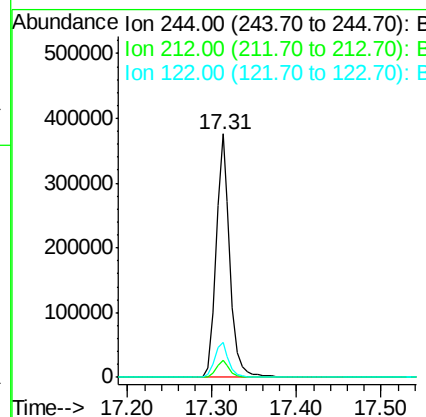
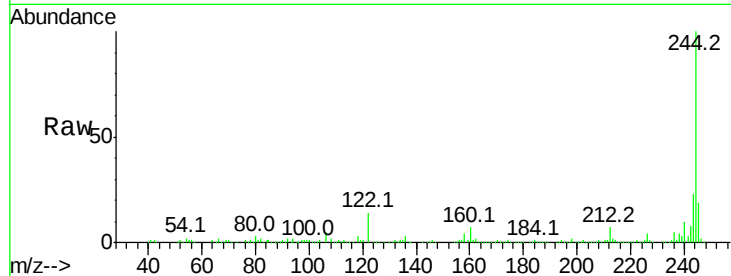
#78
 Terphenyl-d14
 Concen: 43.83 ng
 RT: 17.31 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BF095528.D
 Acq: 28 May 2017 9:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q3-BASE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.1	10.3	15.5

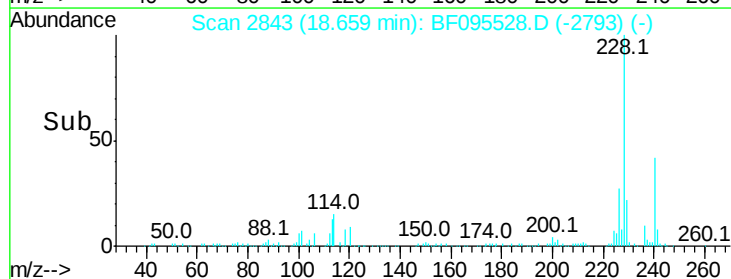
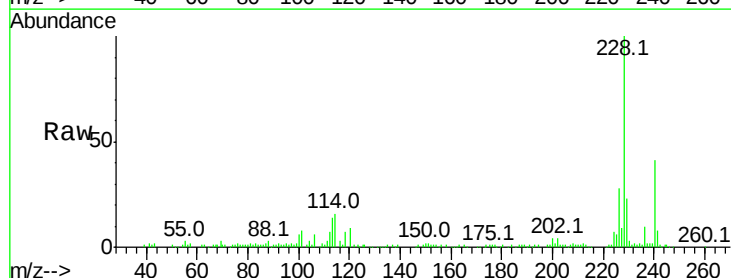
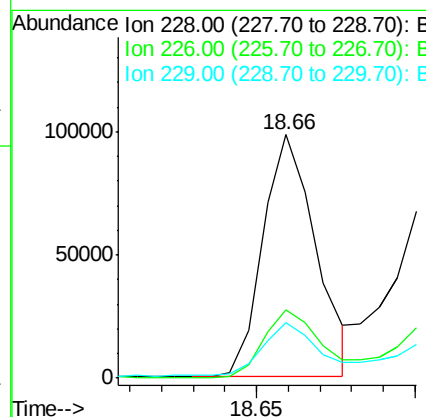
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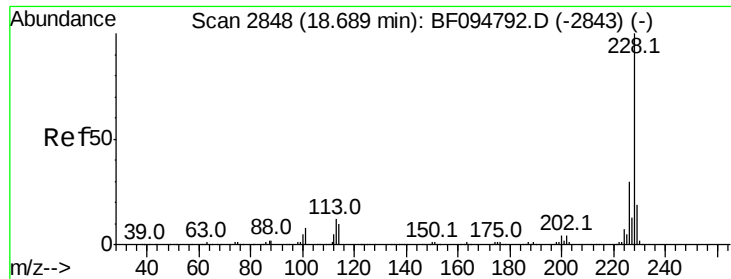
mohammad
 5/31/2017 1:05:18 PM



#80
 Benzo(a)anthracene
 Concen: 9.02 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BF095528.D
 Acq: 28 May 2017 9:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	22.8	16.3	24.5





#82

Chrysene

Concen: 10.53 ng

RT: 18.71 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF095528.D

Acq: 28 May 2017 9:51

Instrument :

BNA_F

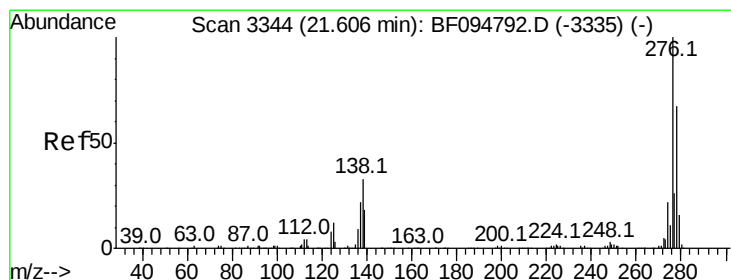
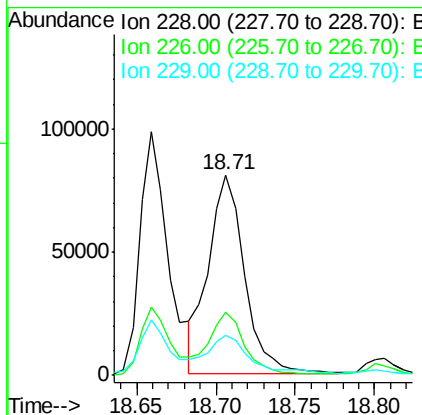
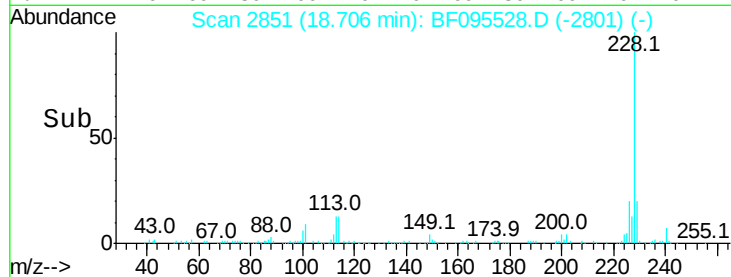
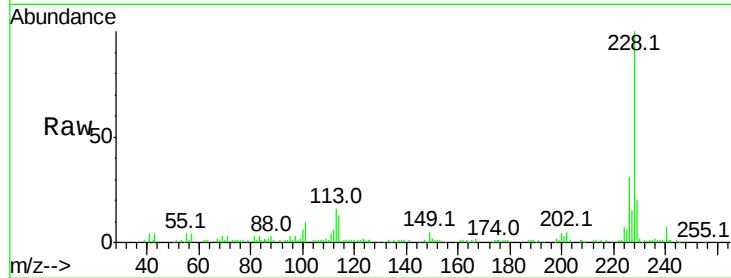
ClientSampled :

E2-Q3-BASE

Tot Ion:	228	Resp:	129039
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.9	37.3
229	20.1	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 4.20 ng

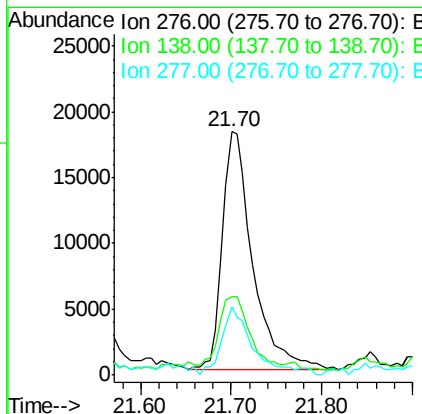
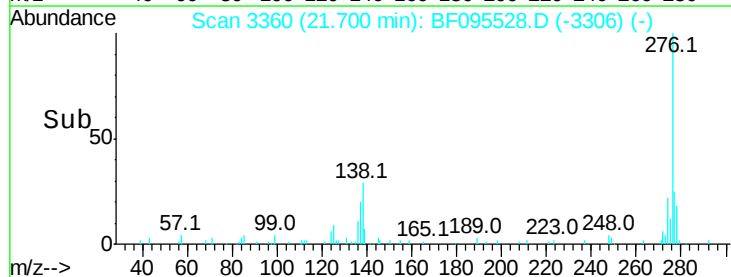
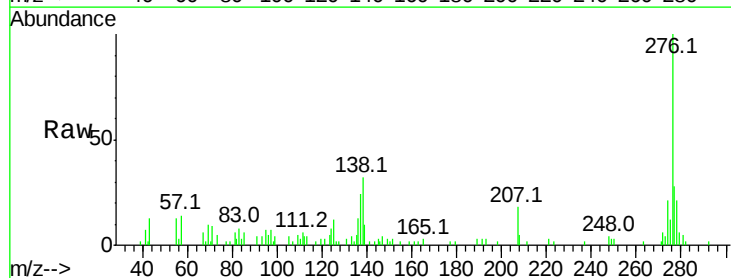
RT: 21.70 min Scan# 3360

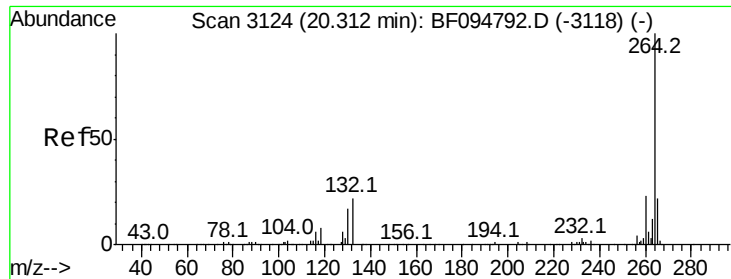
Delta R.T. 0.02 min

Lab File: BF095528.D

Acq: 28 May 2017 9:51

Tgt Ion:	276	Resp:	41786
Ion Ratio	Lower	Upper	
276	100		
138	34.8	27.8	41.6
277	29.8	20.2	30.4





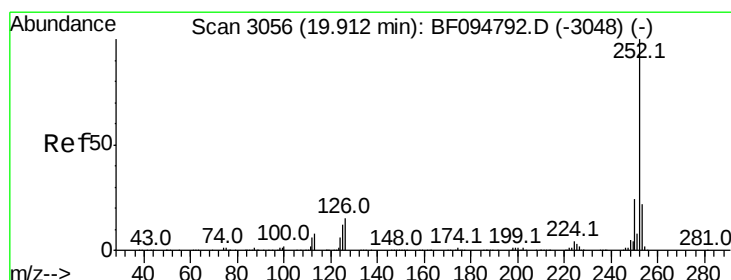
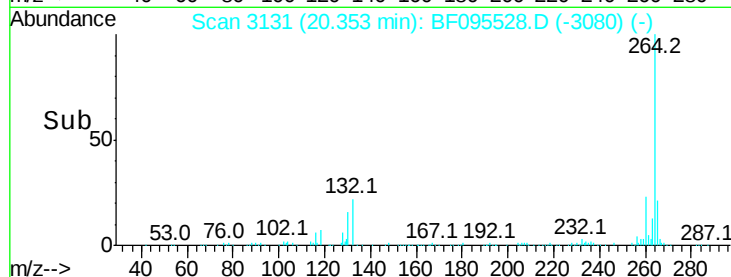
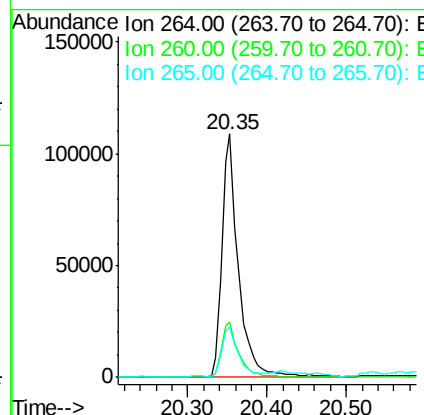
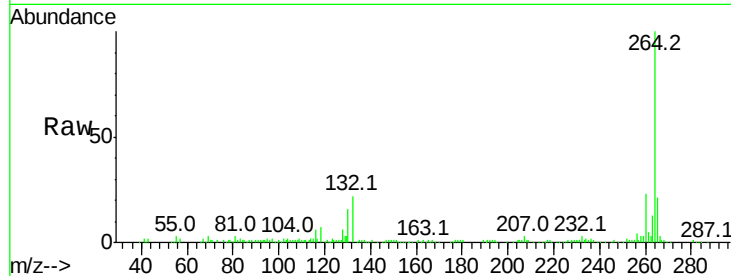
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095528.D
Acq: 28 May 2017 9:51

Instrument :
BNA_F
ClientSampled :
E2-Q3-BASE

Tot Ion	Ratio	Resp	Lower	Upper
264	100	156943		
260	22.6		19.5	29.3
265	20.8		17.2	25.8

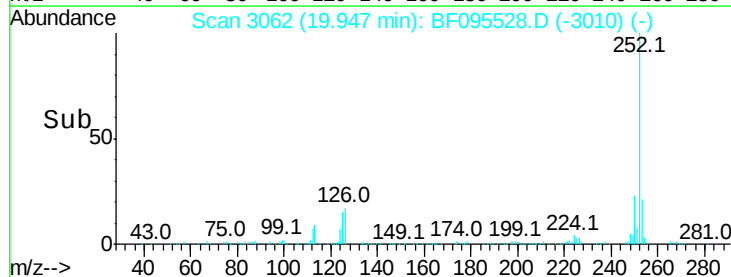
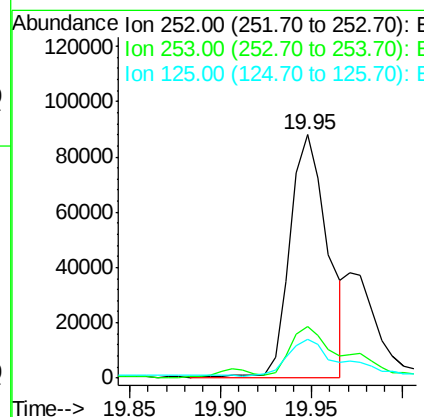
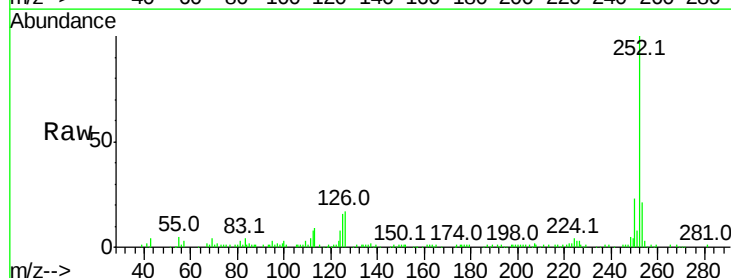
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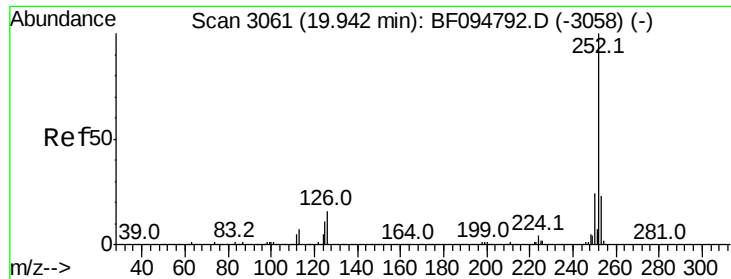
mohammad
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#87
Benzo(b)fluoranthene
Concen: 13.20 ng m
RT: 19.95 min Scan# 3062
Delta R.T. 0.01 min
Lab File: BF095528.D
Acq: 28 May 2017 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	128043		
253	21.1		18.1	27.1
125	16.2		9.8	14.8#





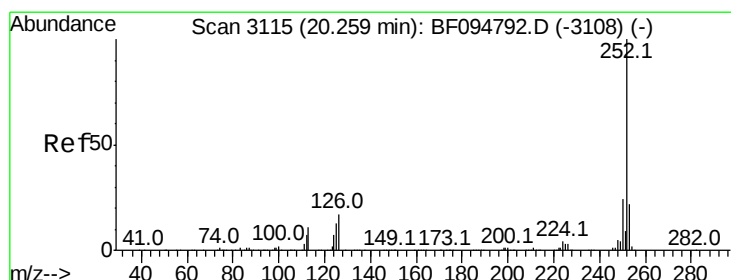
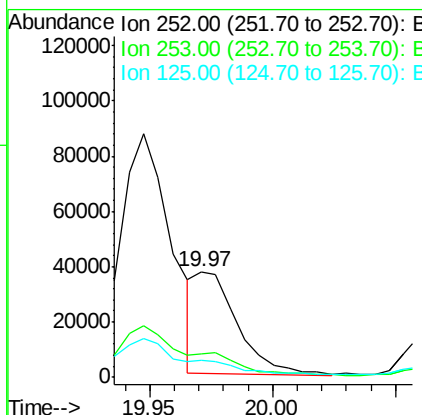
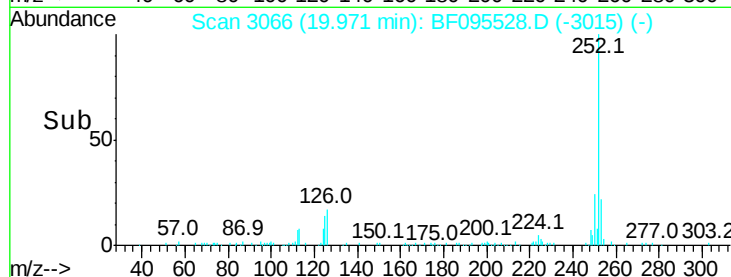
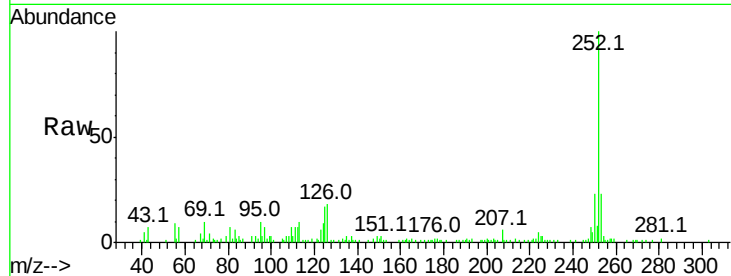
#88
Benzo(k)fluoranthene
Concen: 4.63 ng m
RT: 19.97 min Scan# 3066
Delta R.T. 0.00 min
Lab File: BF095528.D
Acq: 28 May 2017 9:51

Instrument :
BNA_F
ClientSampled :
E2-Q3-BASE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	16.5	13.1	19.7

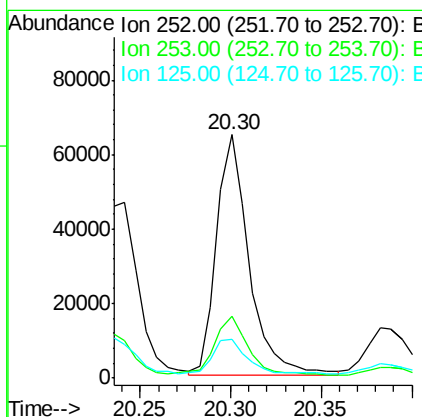
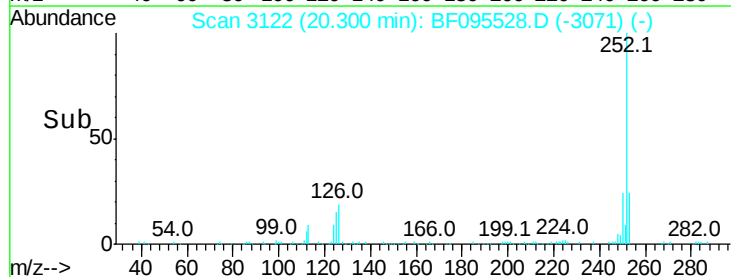
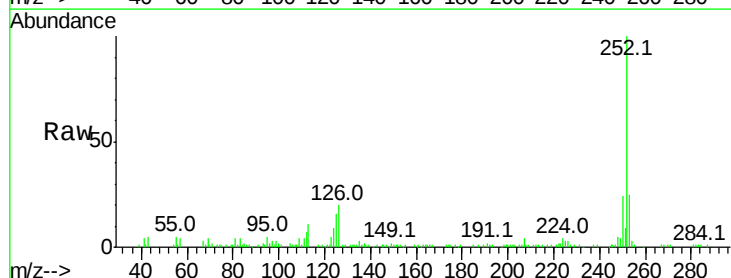
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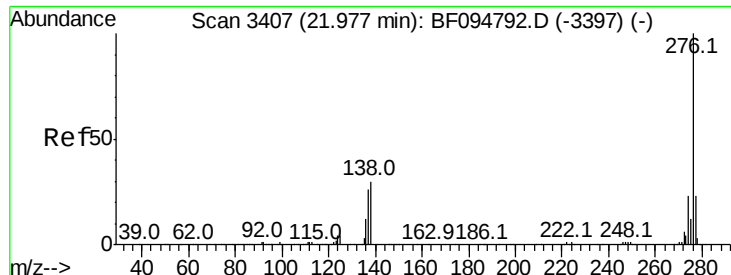
mohammad
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#89
Benzo(a)pyrene
Concen: 9.06 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095528.D
Acq: 28 May 2017 9:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.5	26.3
125	16.1	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 6.18 ng
 RT: 22.09 min Scan# 3426
 Delta R.T. 0.02 min
 Lab File: BF095528.D
 Acq: 28 May 2017 9:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q3-BASE

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	33.1	25.4	38.0

Manual Integrations
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