

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095520.D
 Acq On : 28 May 2017 3:42
 Operator : SJ/MA
 Sample : I3244-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM8-COMP-0-6

Manual Integrations
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Quant Time: May 29 03:57:14 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	100006	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	386650	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	154708	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	215550	20.00	ng	0.00
75) Chrysene-d12	18.67	240	218446	20.00	ng	0.00
86) Perylene-d12	20.35	264	167013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	589897	98.34	ng	0.00
7) Phenol-d6	7.28	99	722480	100.38	ng	-0.01
23) Nitrobenzene-d5	8.64	82	407896	66.52	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	102764	81.11	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	674469	62.75	ng	0.00
78) Terphenyl-d14	17.31	244	409424	41.28	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.25	163	92511	7.28	ng	99
70) Phenanthrene	15.04	178	65402	5.28	ng	98
74) Fluoranthene	16.78	202	141926	11.17	ng	99
77) Pyrene	17.09	202	134699	8.24	ng	96
80) Benzo(a)anthracene	18.66	228	64477	5.07	ng	98
82) Chrysene	18.71	228	69764	5.68	ng	96
85) Indeno(1,2,3-cd)pyrene	21.71	276	24375	2.44	ng	# 89
87) Benzo(b)fluoranthene	19.95	252	70081m	6.79	ng	
88) Benzo(k)fluoranthene	19.98	252	31273m	3.14	ng	
89) Benzo(a)pyrene	20.30	252	49482	5.20	ng	# 93
91) Benzo(g,h,i)perylene	22.10	276	25621	3.32	ng	# 91

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

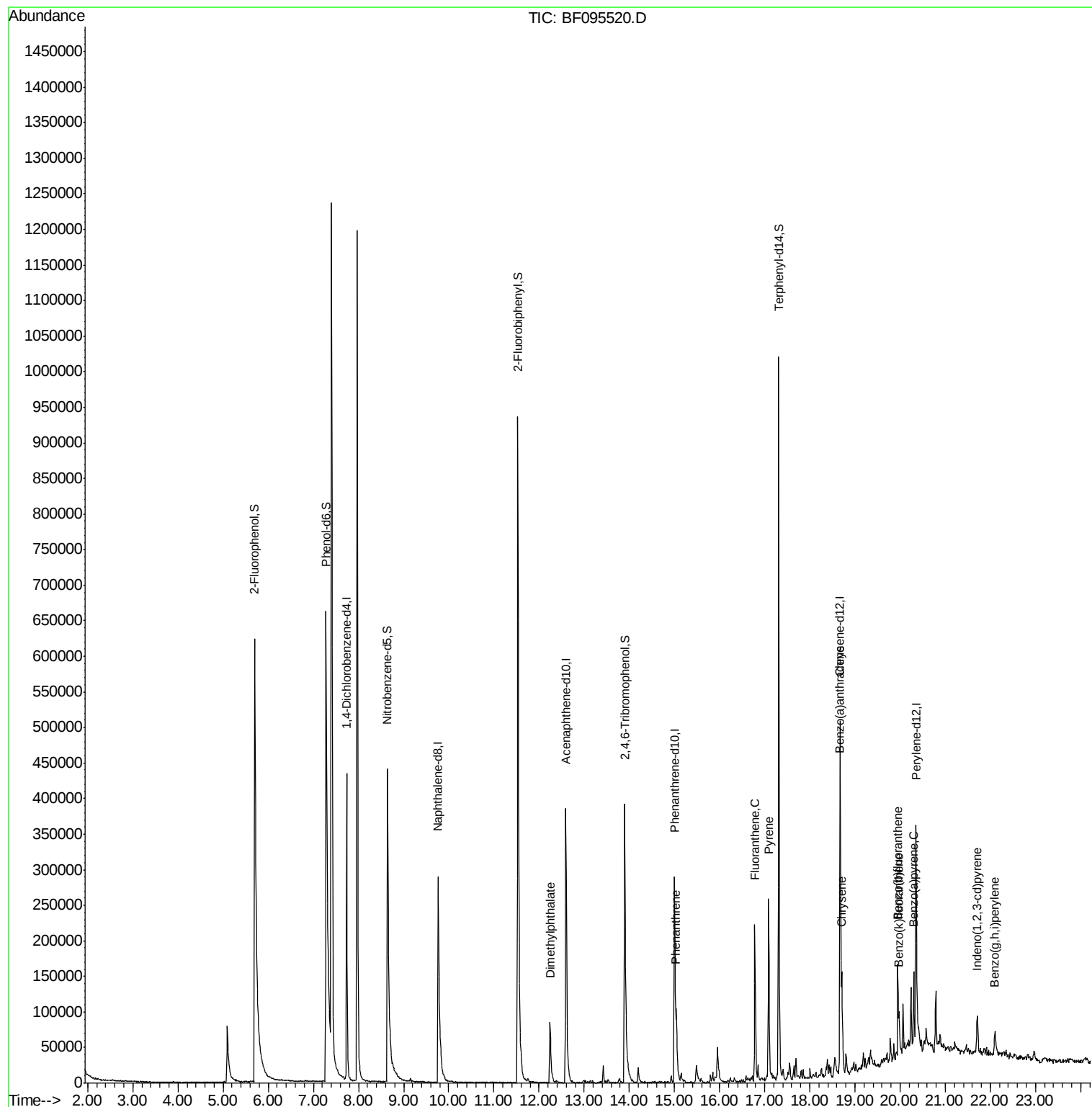
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095520.D
Acq On : 28 May 2017 3:42
Operator : SJ/MA
Sample : I3244-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

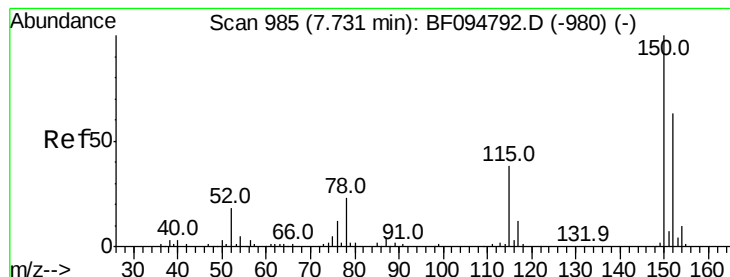
Instrument :
BNA_F
ClientSampleId :
NM8-COMP-0-6

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Quant Time: May 29 03:57:14 2017
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Response via : Initial Calibration





#1

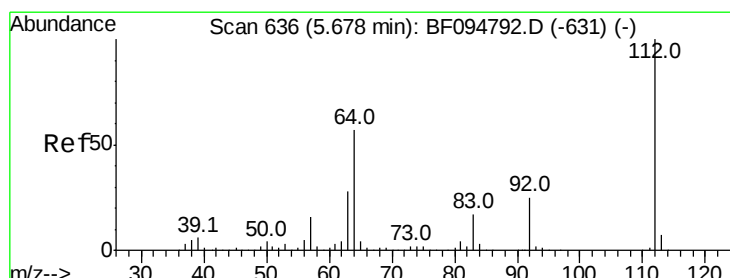
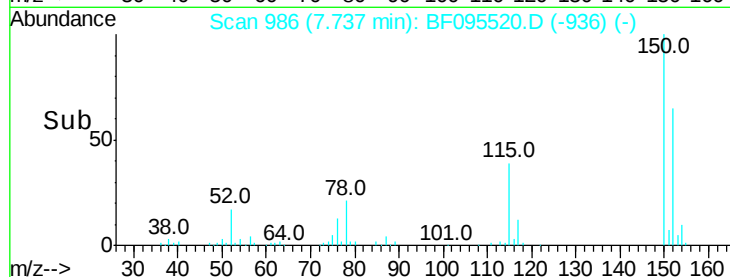
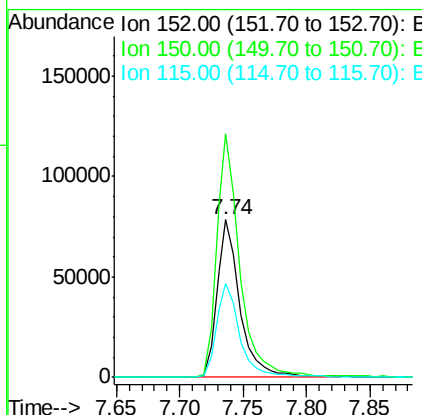
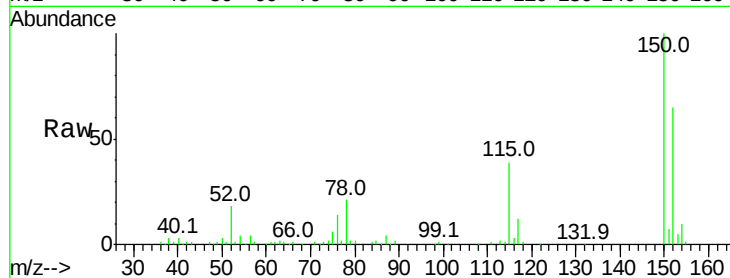
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :
NM8-COMP-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.2
115	59.7	52.2	78.2

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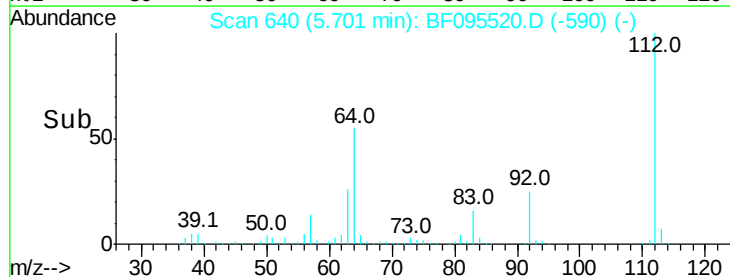
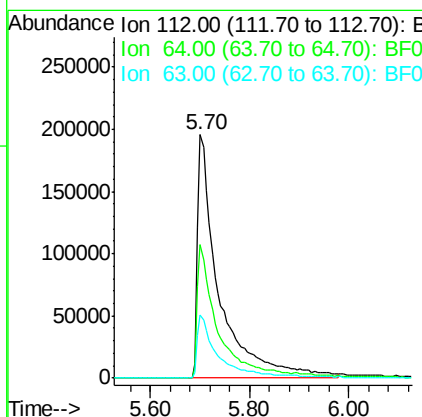
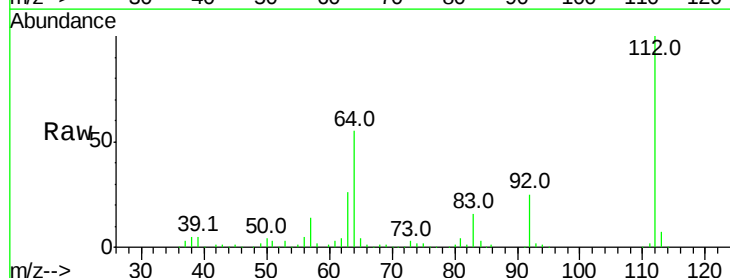
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#5

2-Fluorophenol
Concen: 98.34 ng
RT: 5.70 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	26.2	23.4	35.0





#7

Phenol-d6

Concen: 100.38 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095520.D

Acq: 28 May 2017 3:42

Instrument :

BNA_F

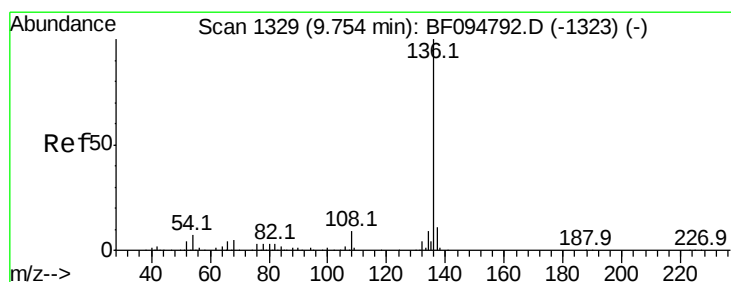
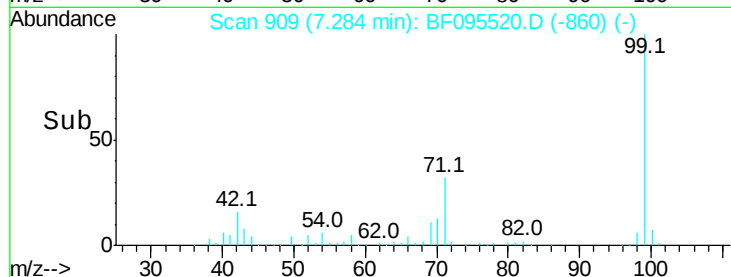
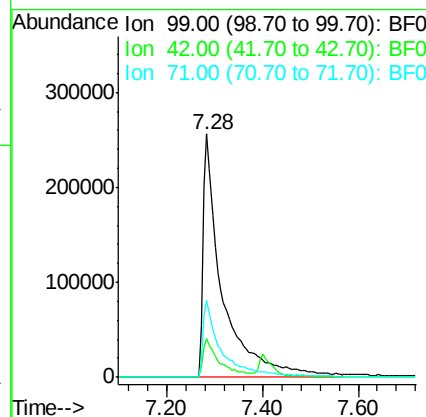
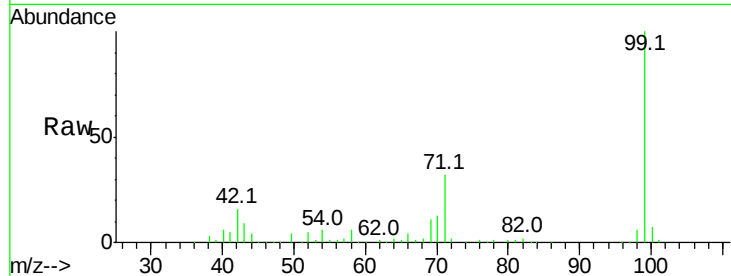
ClientSampleId :

NM8-COMP-0-6

Tot Ion:	99	Resp:	722480
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	31.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

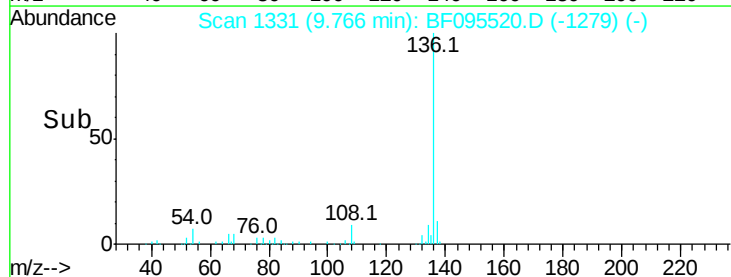
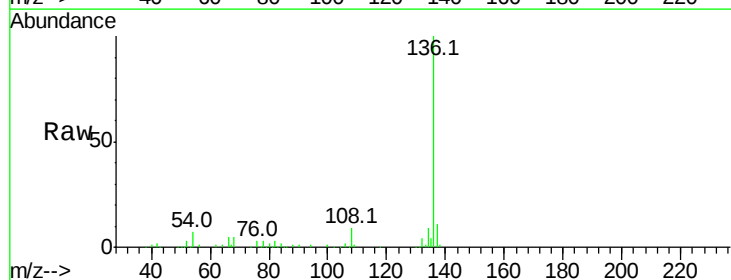
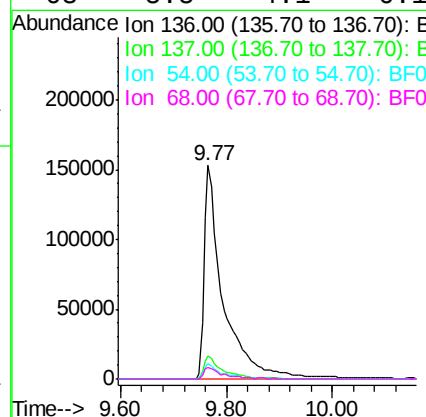
RT: 9.77 min Scan# 1331

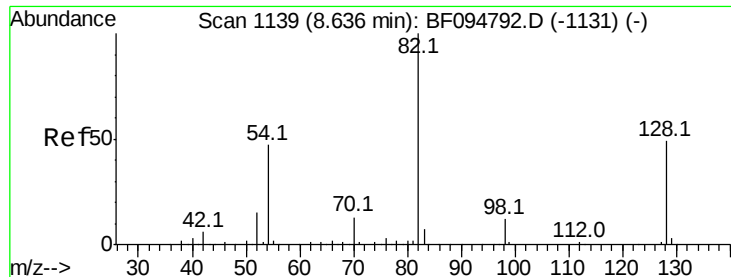
Delta R.T. 0.01 min

Lab File: BF095520.D

Acq: 28 May 2017 3:42

Tgt Ion:	136	Resp:	386650
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	7.1	4.9	7.3
68	5.5	4.1	6.1





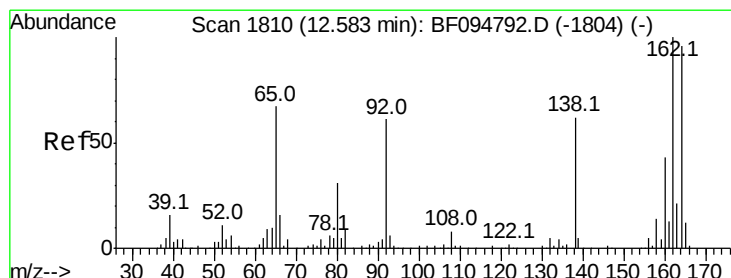
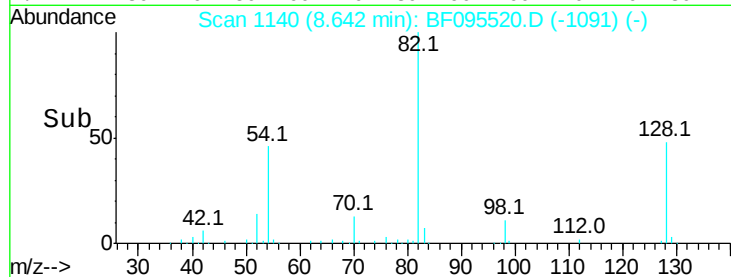
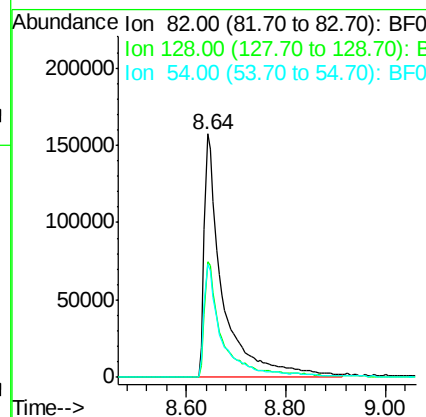
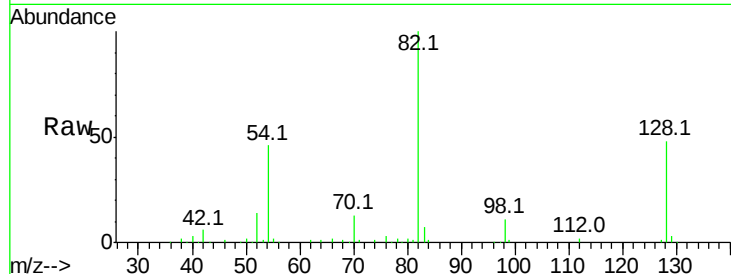
#23
 Nitrobenzene-d5
 Concen: 66.52 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095520.D
 Acq: 28 May 2017 3:42

Instrument :
 BNA_F
 ClientSampleId :
 NM8-COMP-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	46.4	42.2	63.2

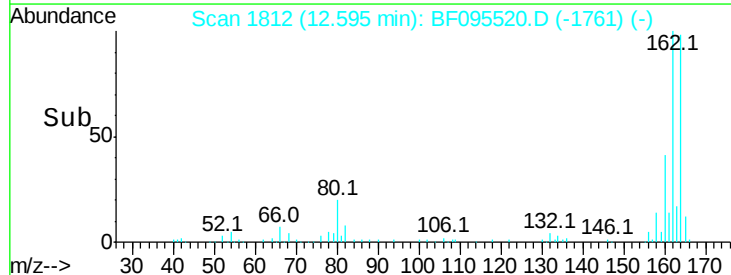
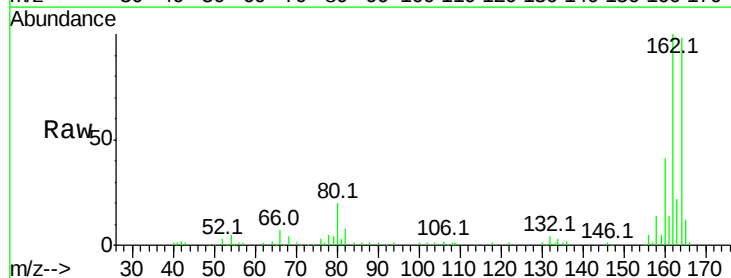
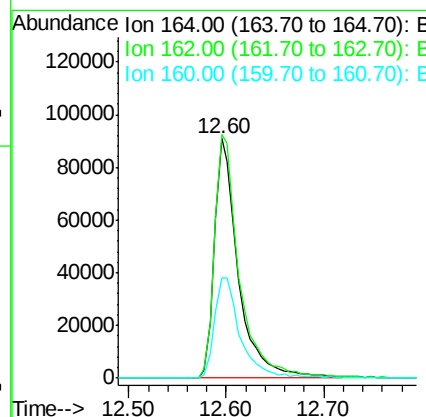
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BF095520.D
 Acq: 28 May 2017 3:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	42.0	36.2	54.2





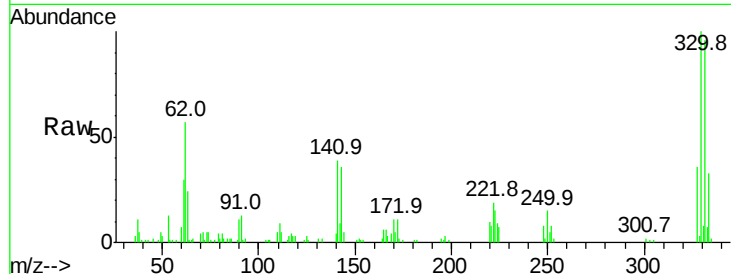
#41
 2,4,6-Tribromophenol
 Concen: 81.11 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF095520.D
 Acq: 28 May 2017 3:42

Instrument :
 BNA_F
 ClientSampleId :
 NM8-COMP-0-6

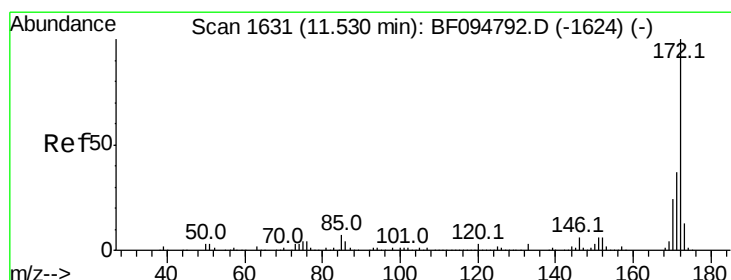
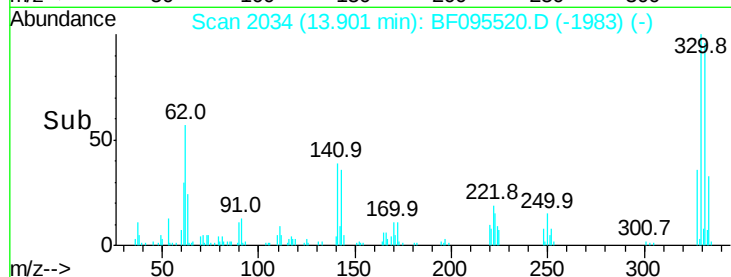
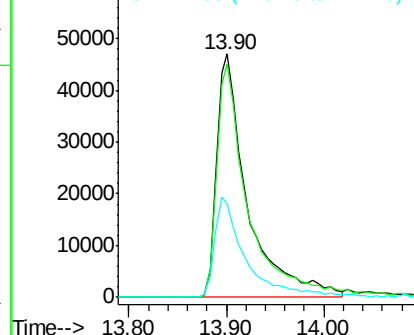
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.5	76.6	115.0	
141	41.8	31.4	47.2	

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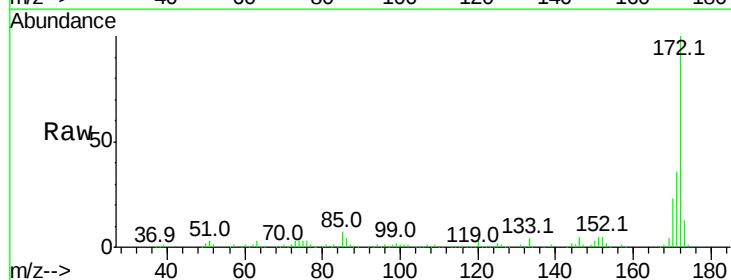


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

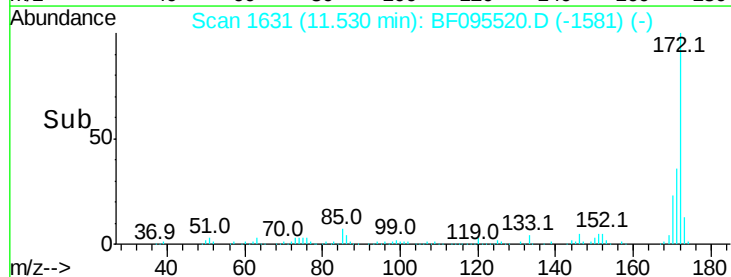
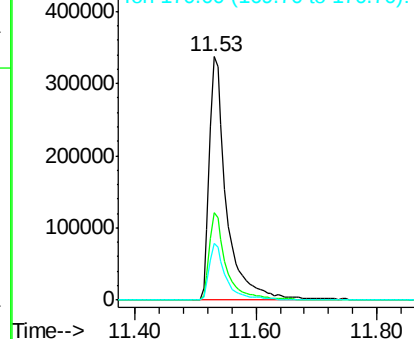


#44
 2-Fluorobiphenyl
 Concen: 62.75 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095520.D
 Acq: 28 May 2017 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	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





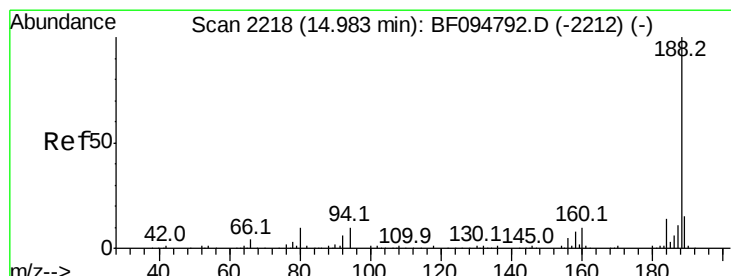
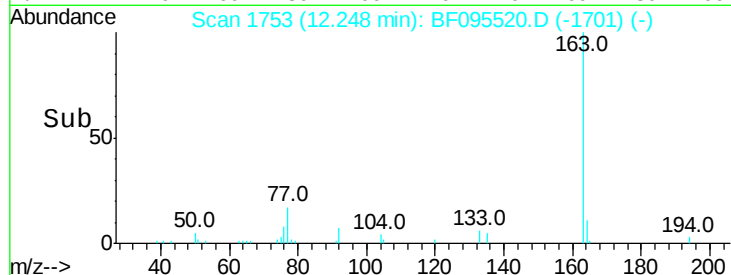
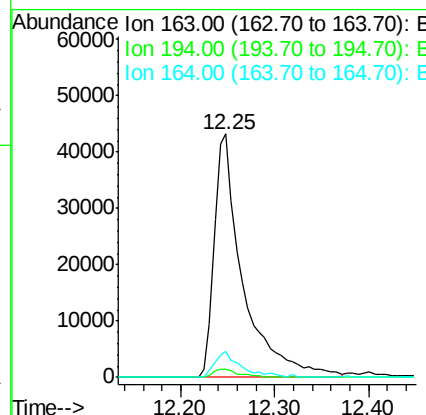
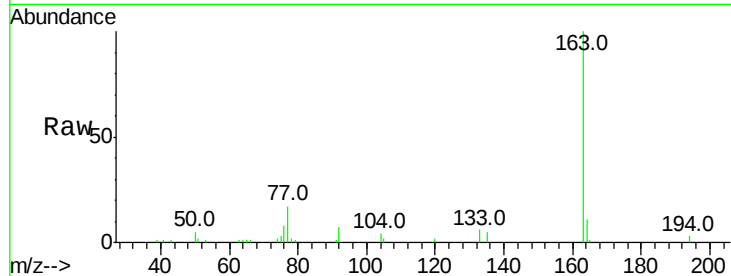
#49
 Dimethylphthalate
 Concen: 7.28 ng
 RT: 12.25 min Scan# 1753
 Delta R.T. 0.01 min
 Lab File: BF095520.D
 Acq: 28 May 2017 3:42

Instrument :
 BNA_F
 ClientSampleId :
 NM8-COMP-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	92511		
194	3.3		2.6	4.0
164	10.8		8.4	12.6

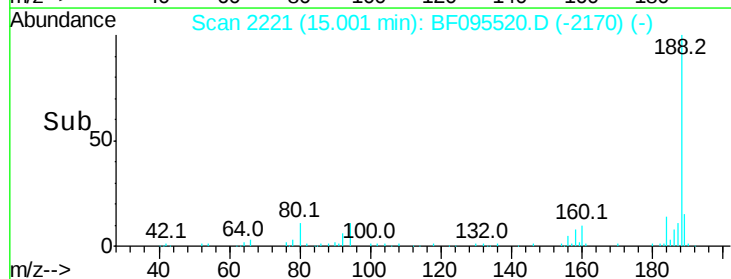
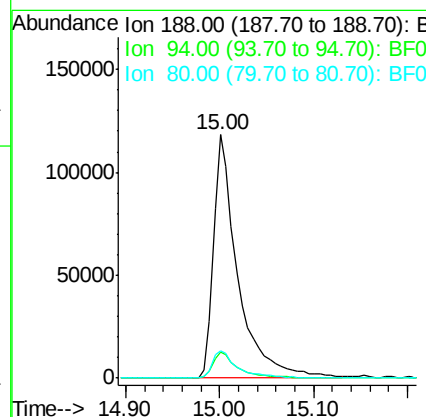
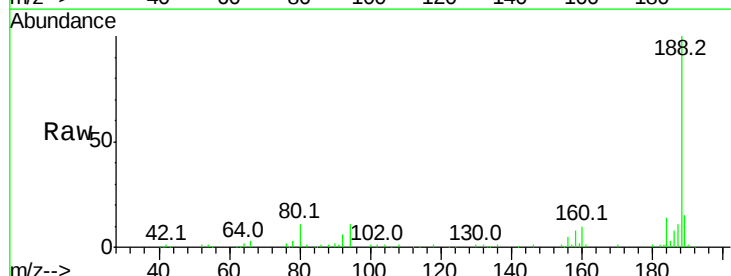
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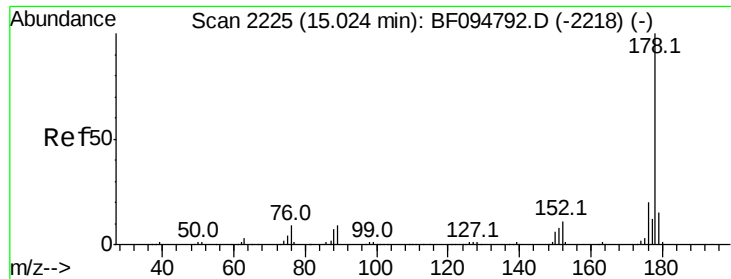
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BF095520.D
 Acq: 28 May 2017 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	215550		
94	10.7		9.4	14.2
80	11.1		10.2	15.2





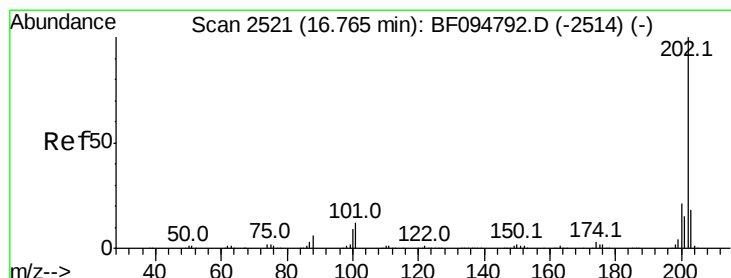
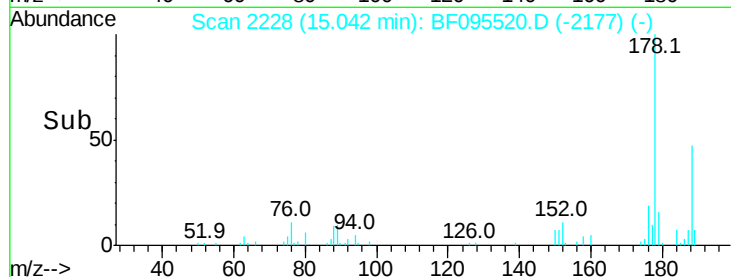
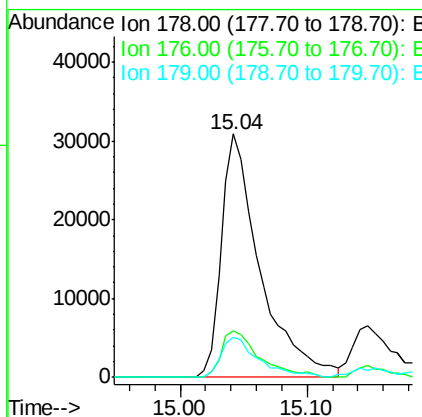
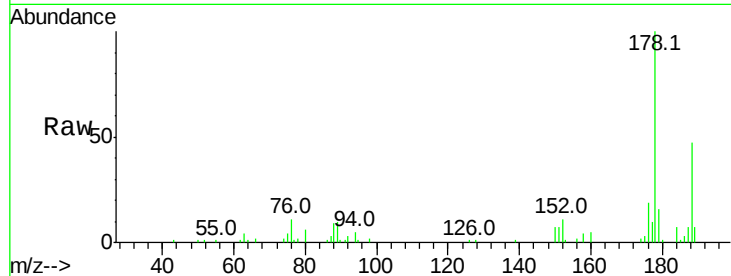
#70
 Phenanthrene
 Concen: 5.28 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BF095520.D
 Acq: 28 May 2017 3:42

Instrument :
 BNA_F
 ClientSampleId :
 NM8-COMP-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	16.2	12.6	19.0

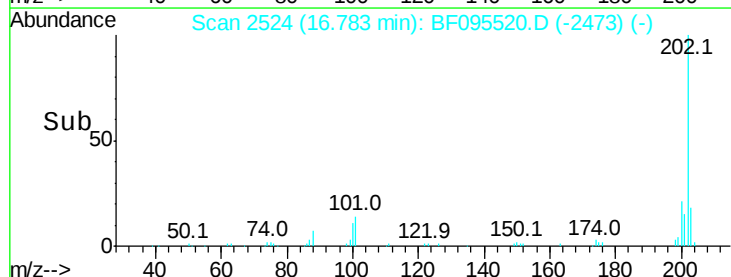
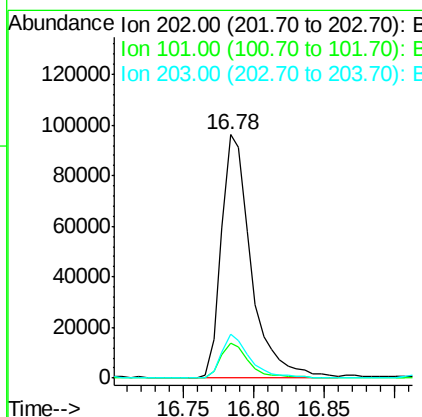
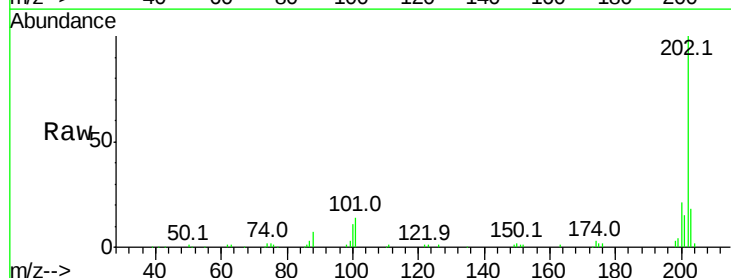
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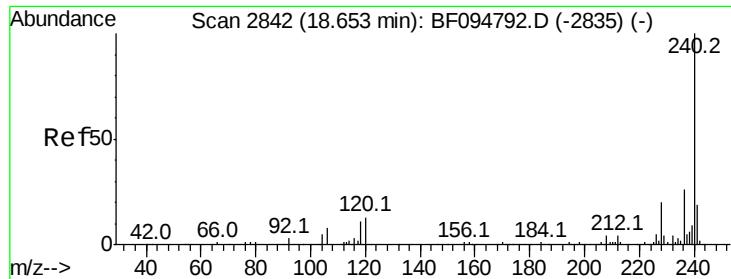
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#74
 Fluoranthene
 Concen: 11.17 ng
 RT: 16.78 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BF095520.D
 Acq: 28 May 2017 3:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	18.2	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: BF095520.D

Acq: 28 May 2017 3:42

Instrument :

BNA_F

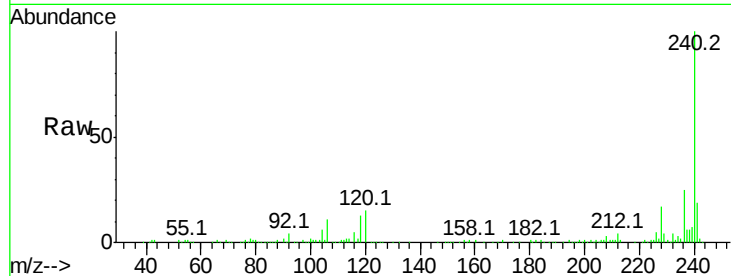
ClientSampleId :

NM8-COMP-0-6

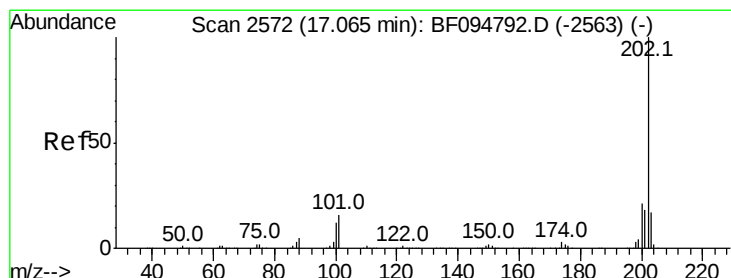
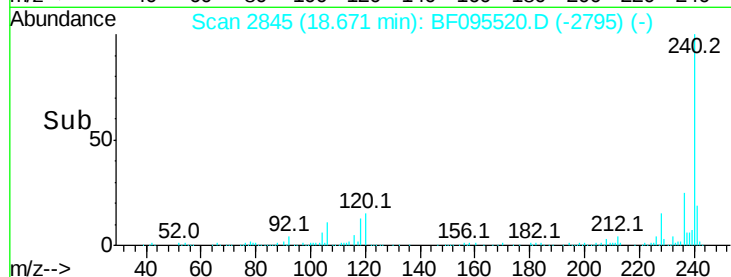
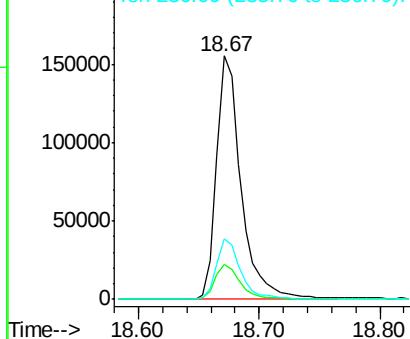
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.0	20.5	30.7

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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: 8.24 ng

RT: 17.09 min Scan# 2576

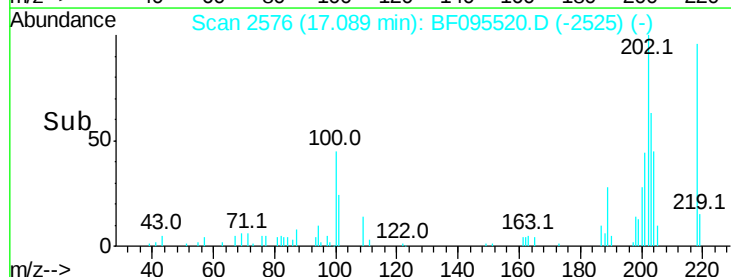
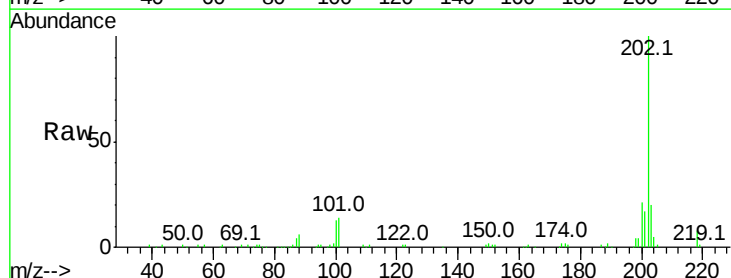
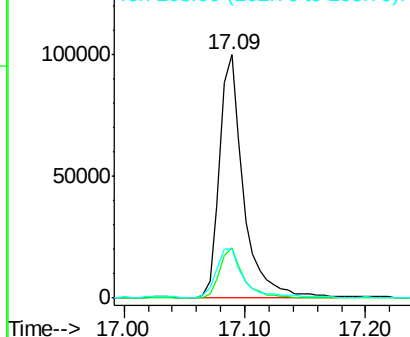
Delta R.T. 0.00 min

Lab File: BF095520.D

Acq: 28 May 2017 3:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	20.4	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





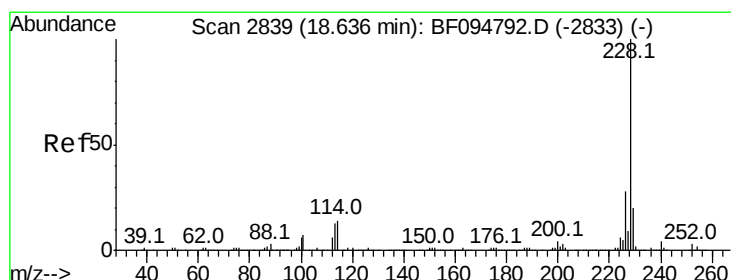
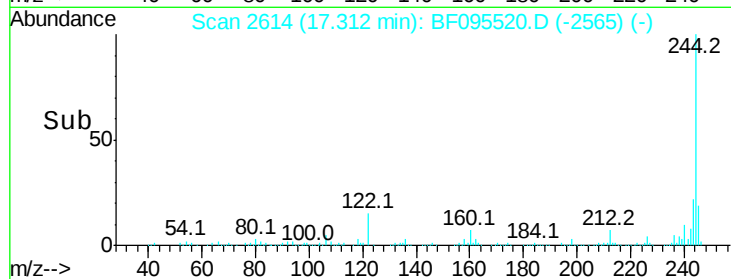
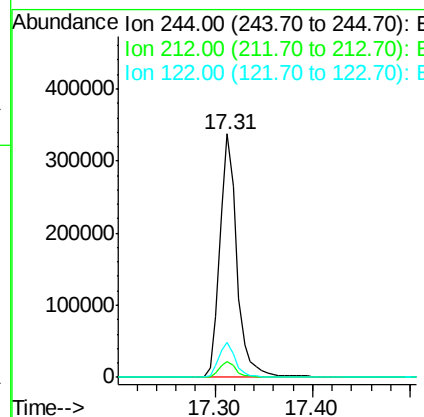
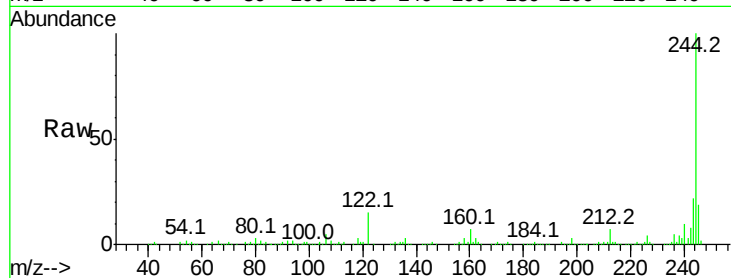
#78
 Terphenyl-d14
 Concen: 41.28 ng
 RT: 17.31 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BF095520.D
 Acq: 28 May 2017 3:42

Instrument :
 BNA_F
 ClientSampleId :
 NM8-COMP-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	14.5	10.3	15.5

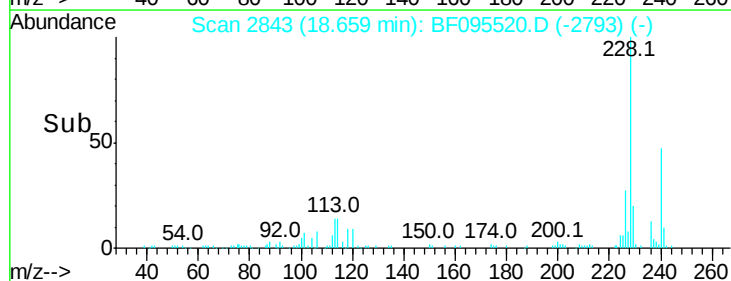
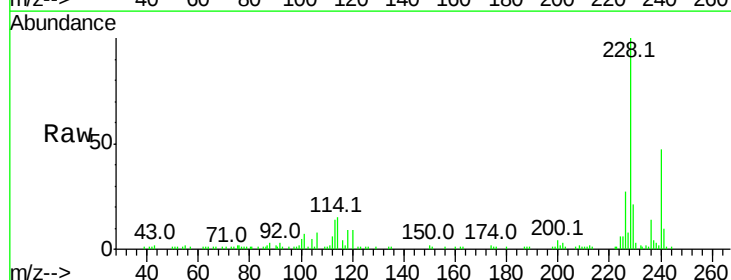
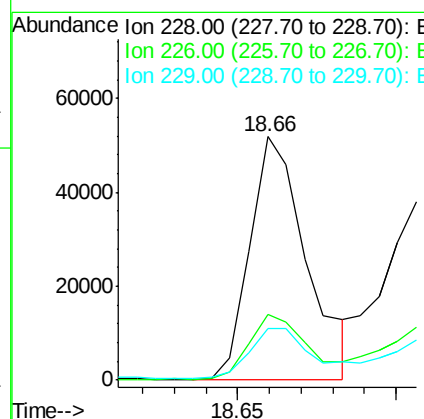
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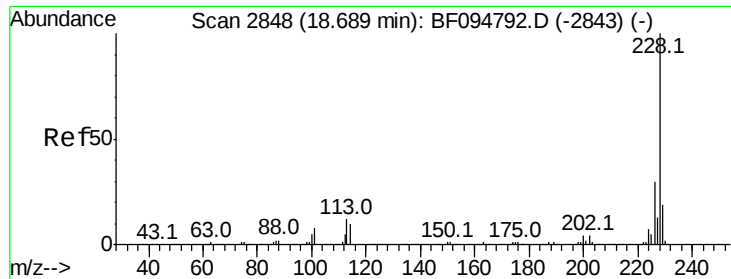
mohammad
 5/31/2017 1:05:02 PM



#80
 Benzo(a)anthracene
 Concen: 5.07 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BF095520.D
 Acq: 28 May 2017 3:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	21.0	16.3	24.5





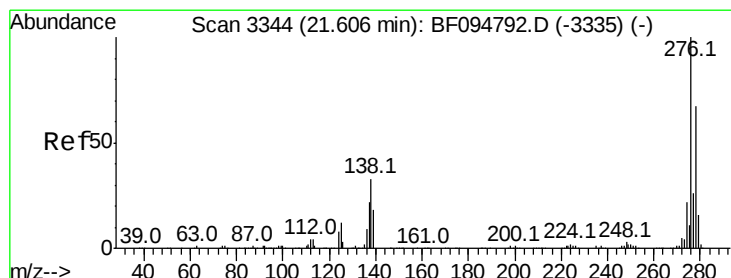
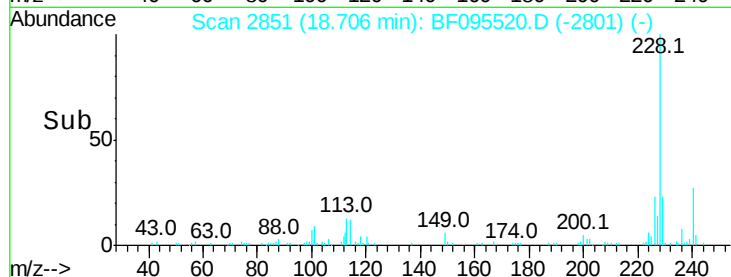
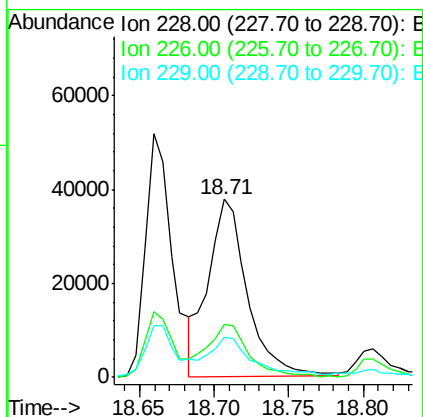
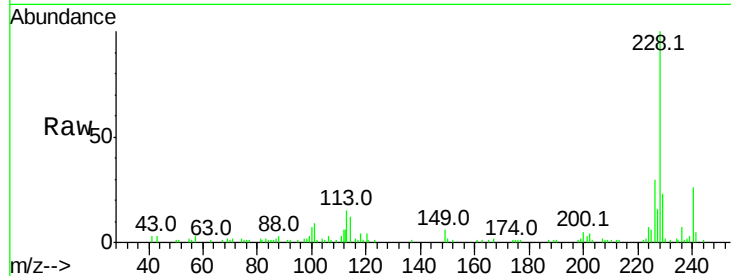
#82
Chrysene
Concen: 5.68 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :
NM8-COMP-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	22.9	15.8	23.6

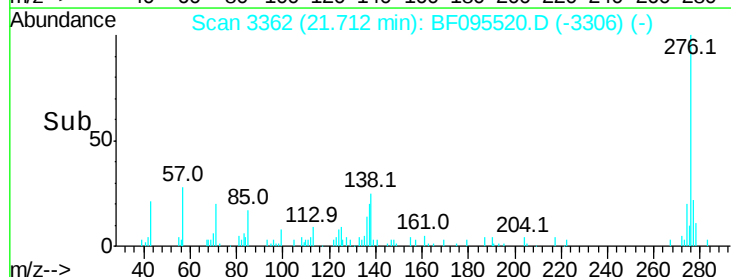
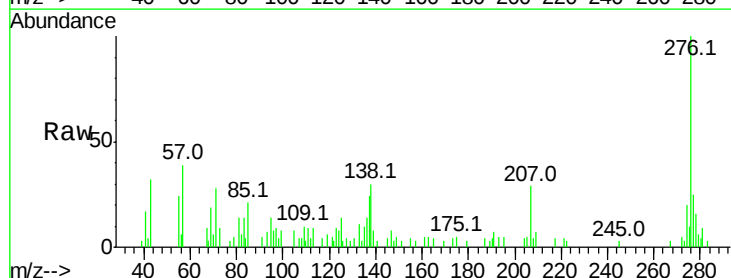
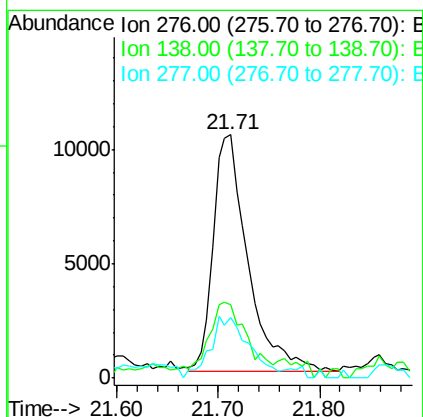
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APPROVED

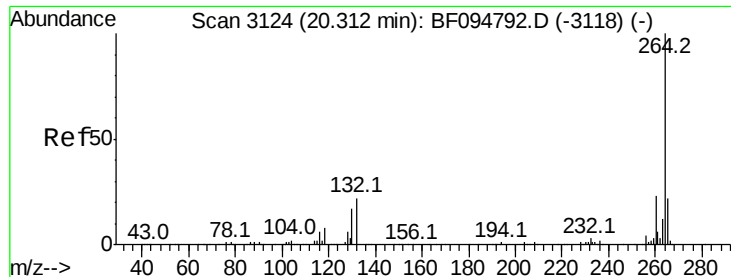
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.44 ng
RT: 21.71 min Scan# 3362
Delta R.T. 0.03 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	27.8	41.6#
277	29.2	20.2	30.4





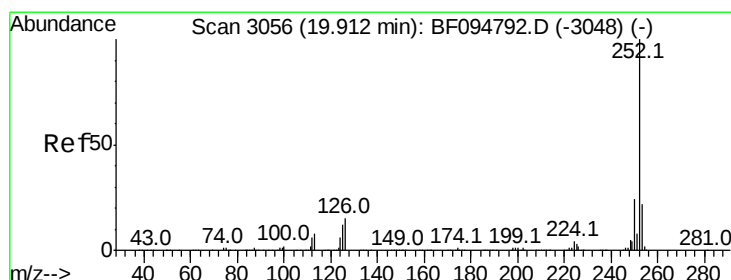
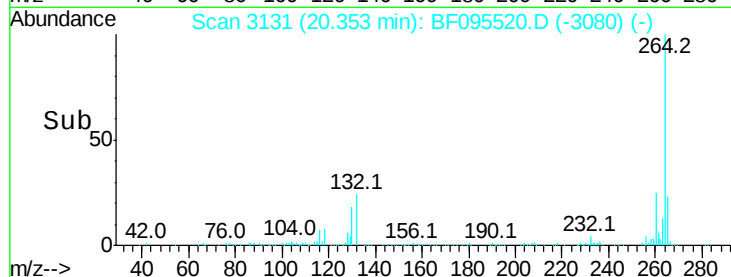
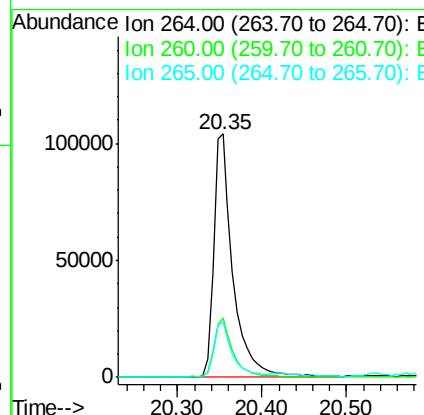
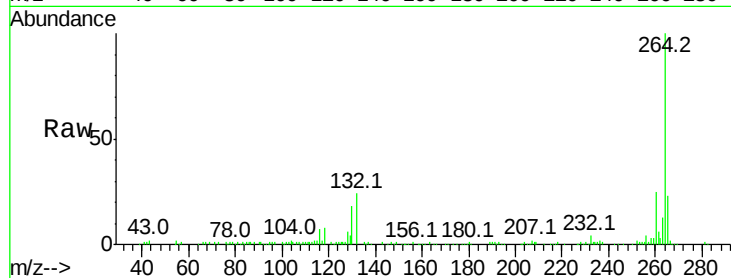
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :
NM8-COMP-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.9	17.2	25.8

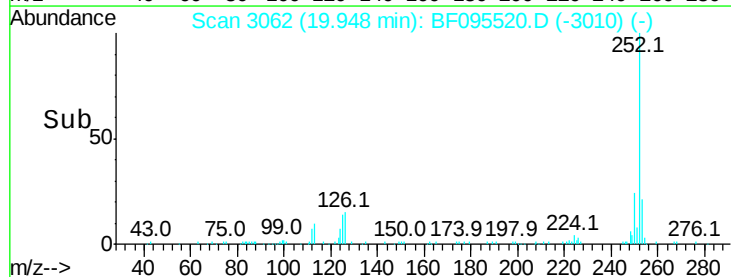
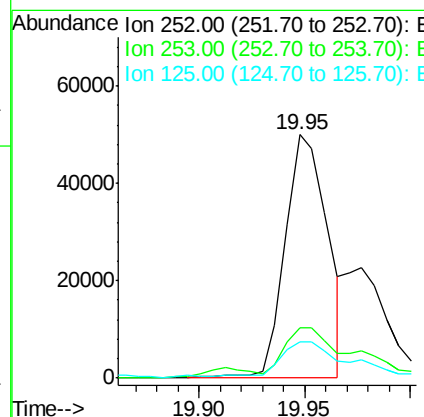
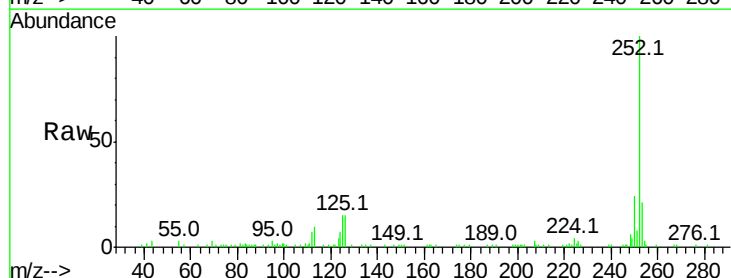
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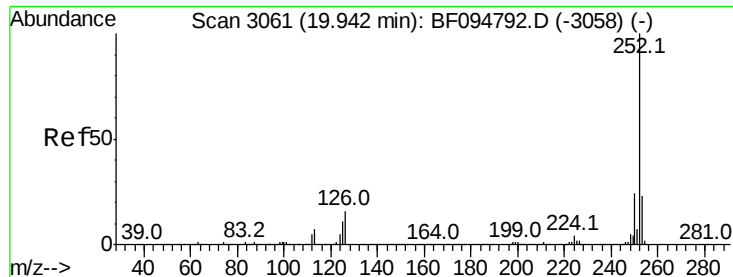
mohammad
5/31/2017 1:05:02 PM



#87
Benzo(b)fluoranthene
Concen: 6.79 ng m
RT: 19.95 min Scan# 3062
Delta R.T. 0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.1	27.1
125	14.7	9.8	14.8





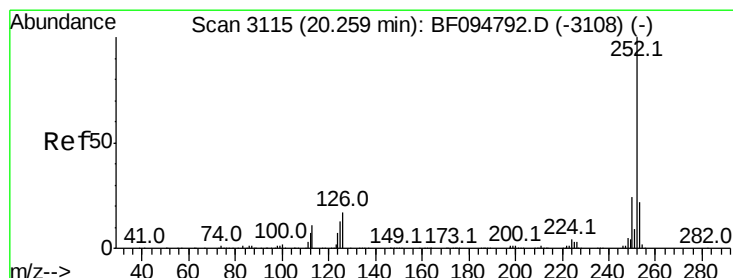
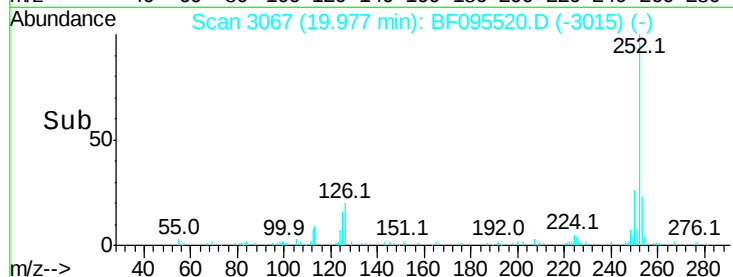
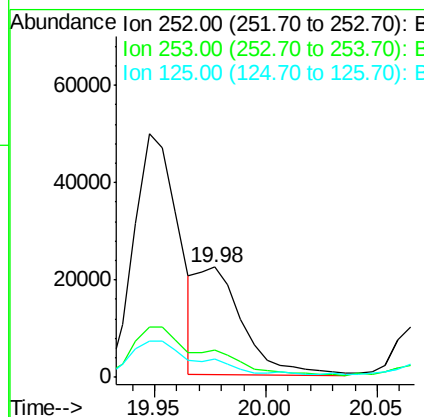
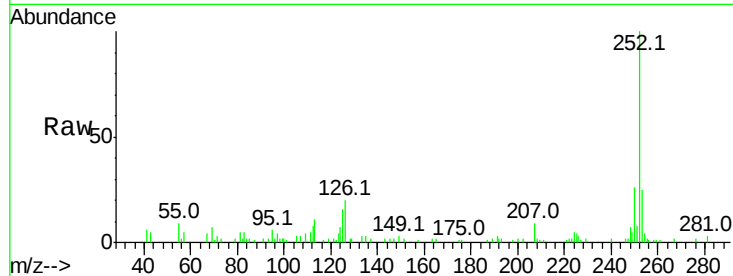
#88
Benzo(k)fluoranthene
Concen: 3.14 ng m
RT: 19.98 min Scan# 3067
Delta R.T. 0.01 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Instrument :
BNA_F
ClientSampleId :
NM8-COMP-0-6

Tot Ion:	252	Resp:	31273
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.4	27.6
125	16.1	13.1	19.7

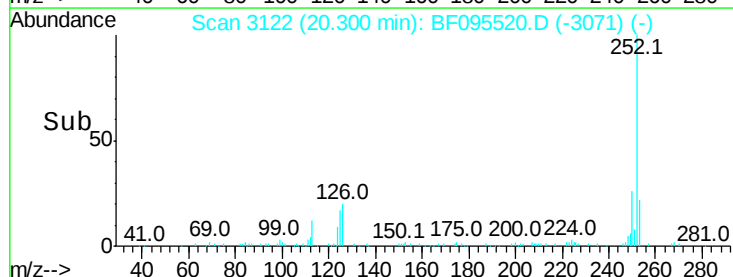
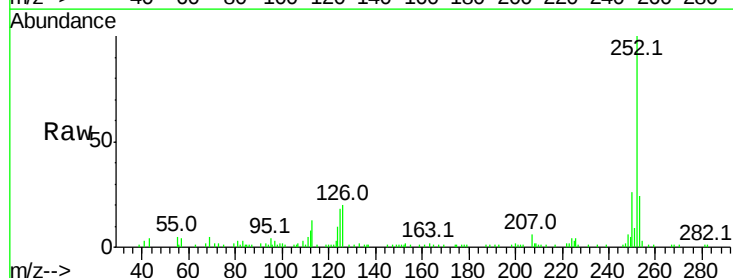
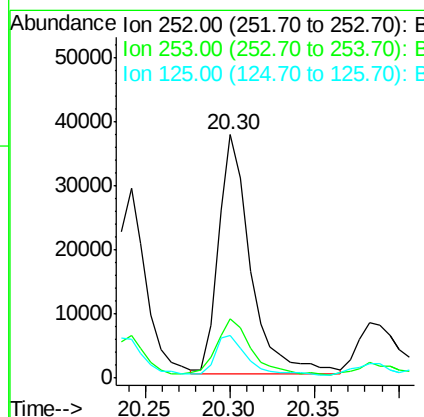
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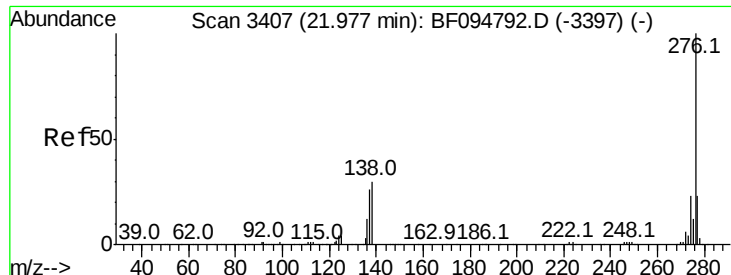
mohammad
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#89
Benzo(a)pyrene
Concen: 5.20 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095520.D
Acq: 28 May 2017 3:42

Tgt Ion:	252	Resp:	49482
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.5	26.3
125	17.7	11.0	16.4#





#91
 Benzo(a,h,i)perylene
 Concen: 3.32 ng
 RT: 22.10 min Scan# 3428
 Delta R.T. 0.03 min
 Lab File: BF095520.D
 Acq: 28 May 2017 3:42

Instrument :
 BNA_F
 ClientSampleId :
 NM8-COMP-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.0	18.6	28.0#
138	34.6	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 5/31/2017 1:05:02 PM

