

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095139.D
 Acq On : 15 May 2017 22:28
 Operator : SJ/MA
 Sample : I3140-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-7.5

Manual Integrations
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Quant Time: May 16 08:32:37 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	91335	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	354906	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	154129	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	233757	20.00	ng	0.05
75) Chrysene-d12	18.70	240	185652	20.00	ng	0.05
86) Perylene-d12	20.37	264	169745	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	400703	73.14	ng	0.08
7) Phenol-d6	7.32	99	539885	82.14	ng	0.04
23) Nitrobenzene-d5	8.68	82	394817	70.15	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	105954	83.94	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	810725	75.71	ng	0.04
78) Terphenyl-d14	17.35	244	463520	54.99	ng	0.04
Target Compounds						
31) Naphthalene	9.83	128	40128	2.25	ng	Qvalue # 96
37) 2-Methylnaphthalene	10.96	142	30685	2.62	ng	93
49) Dimethylphthalate	12.26	163	101812	8.05	ng	99
74) Fluoranthene	16.81	202	29163	2.12	ng	94
87) Benzo(b)fluoranthene	19.98	252	23345m	2.23	ng	

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

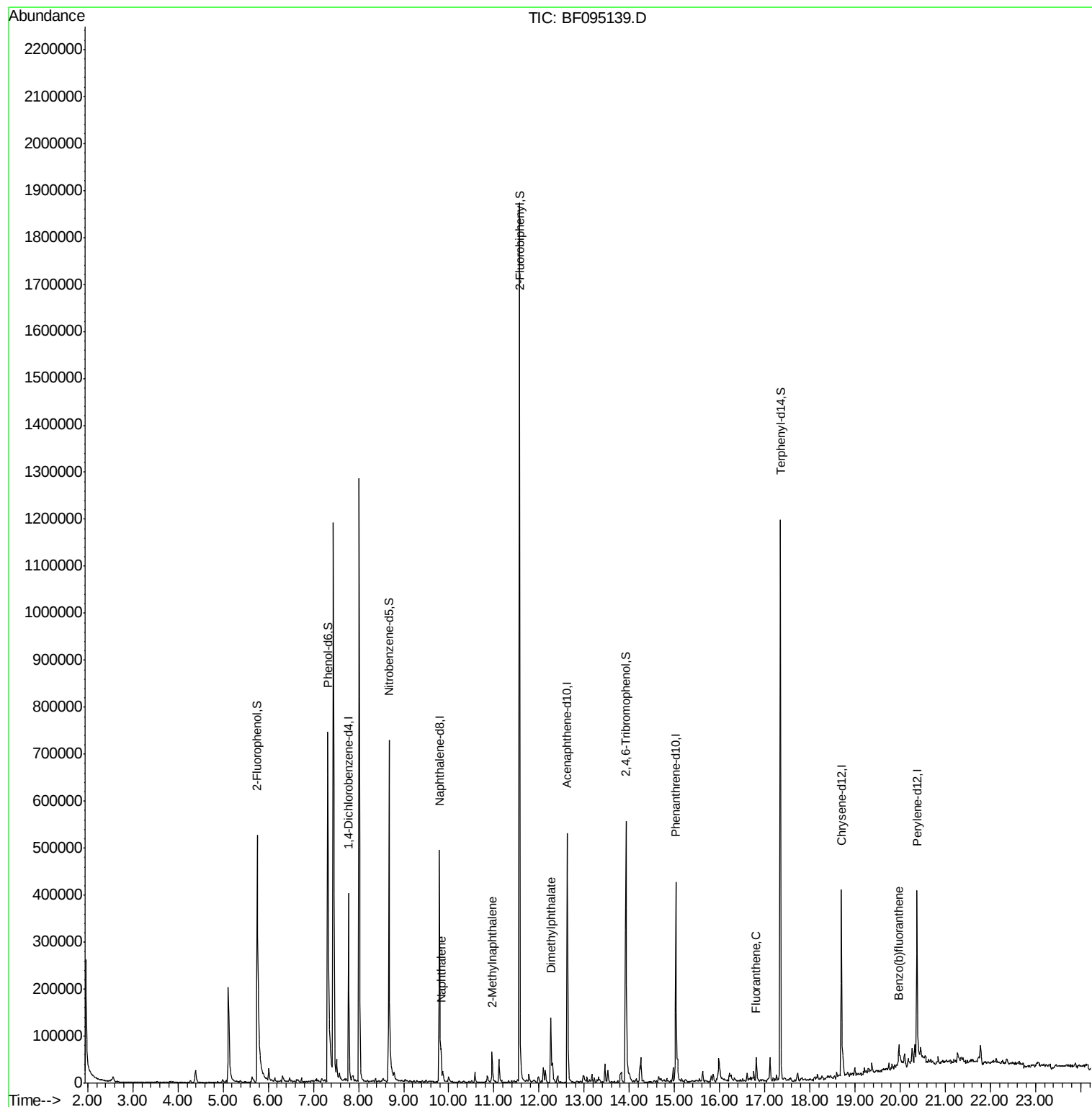
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095139.D
Acq On : 15 May 2017 22:28
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Sample : I3140-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

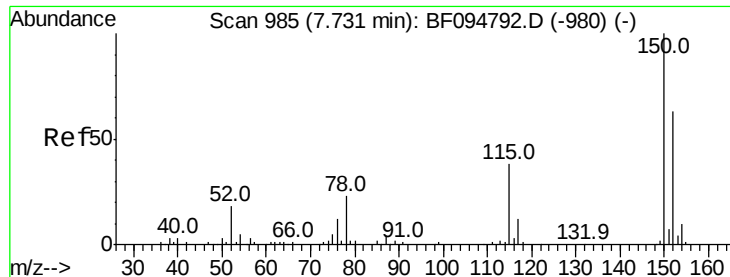
Instrument :
BNA_F
ClientSampleId :
TP-7-7.5

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Quant Time: May 16 08:32:37 2017
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Response via : Initial Calibration





#1

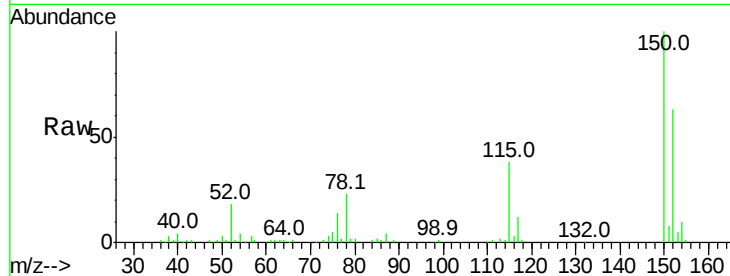
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095139.D
Acq: 15 May 2017 22:28

Instrument :
BNA_F
ClientSampleId :
TP-7-7.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	61.0	52.2	78.2

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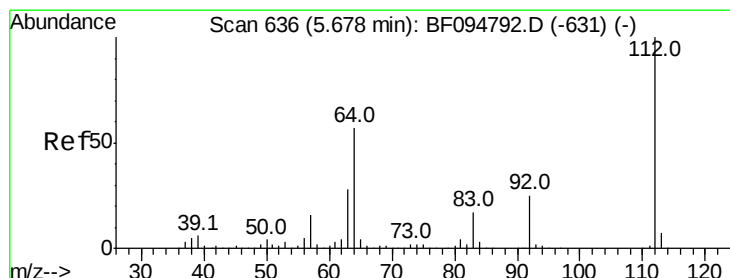
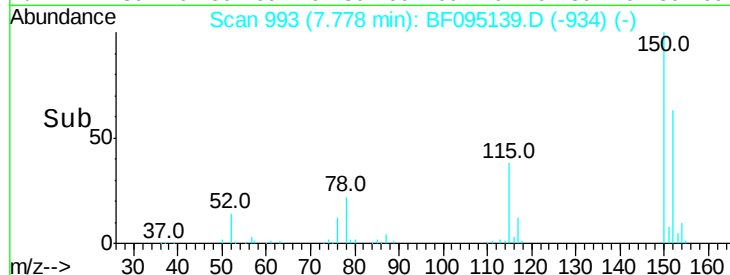
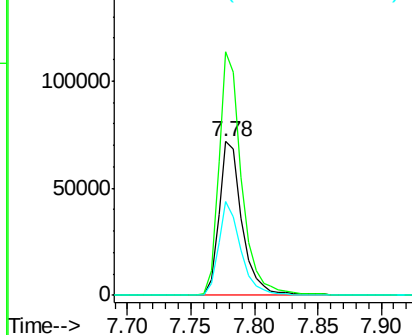


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

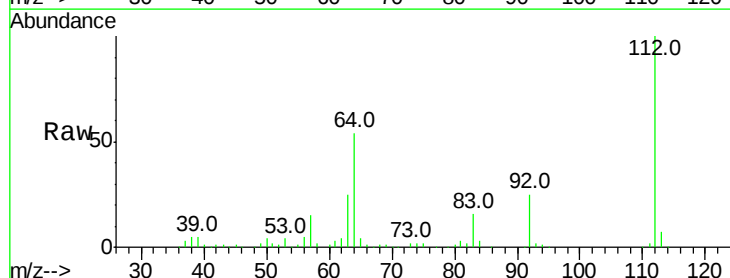
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.14 ng
RT: 5.75 min Scan# 649
Delta R.T. 0.08 min
Lab File: BF095139.D
Acq: 15 May 2017 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.0	69.0
63	24.9	23.4	35.0

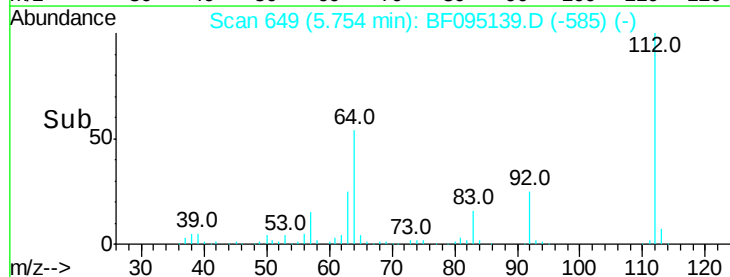
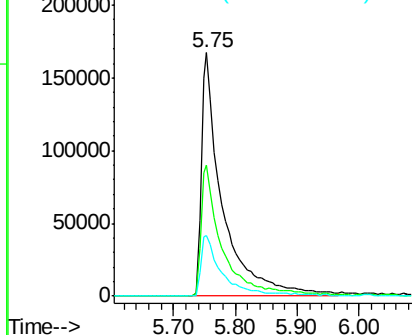


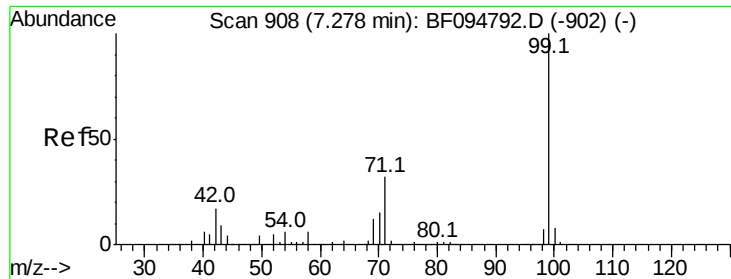
Abundance

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: 82.14 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095139.D

Acq: 15 May 2017 22:28

Instrument :

BNA_F

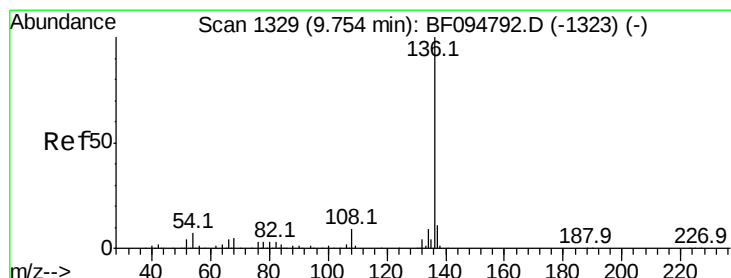
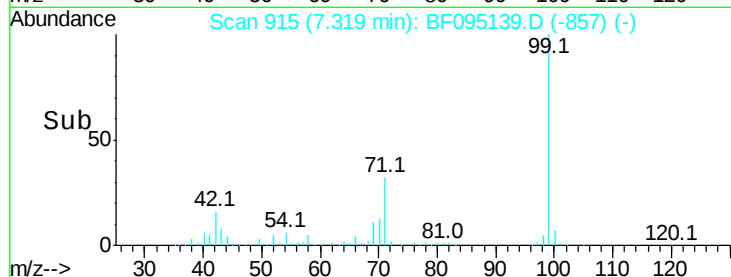
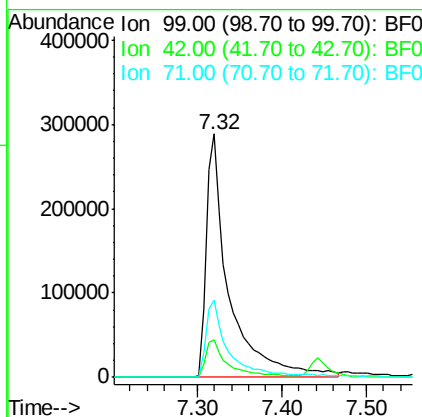
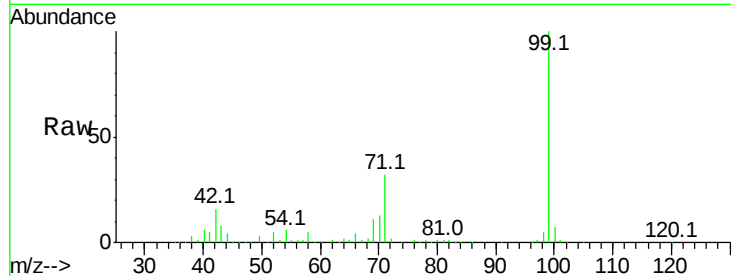
ClientSampleId :

TP-7-7.5

Tot Ion:	99	Resp:	539885
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.5	20.3
71	31.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

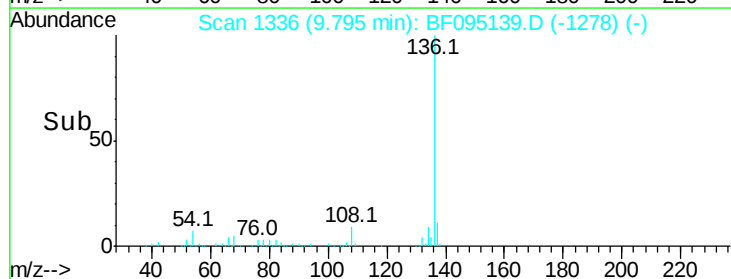
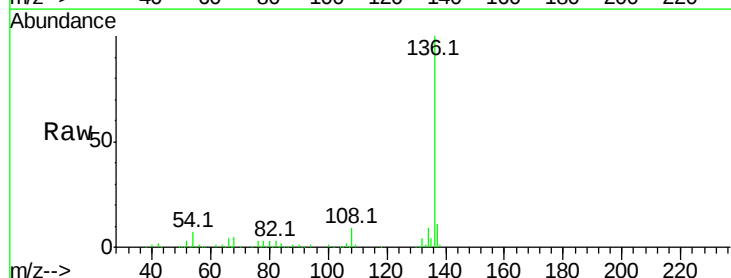
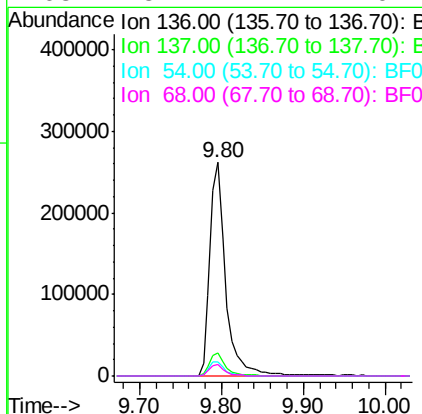
RT: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095139.D

Acq: 15 May 2017 22:28

Tgt Ion:	136	Resp:	354906
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	6.5	4.9	7.3
68	5.2	4.1	6.1





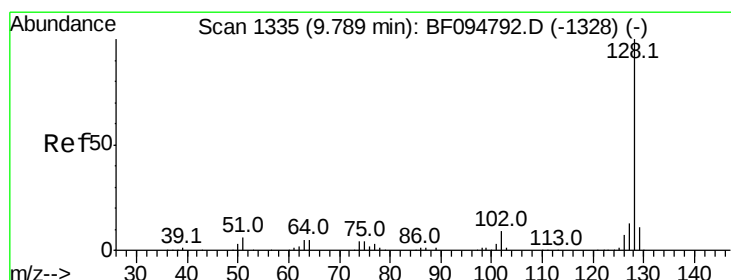
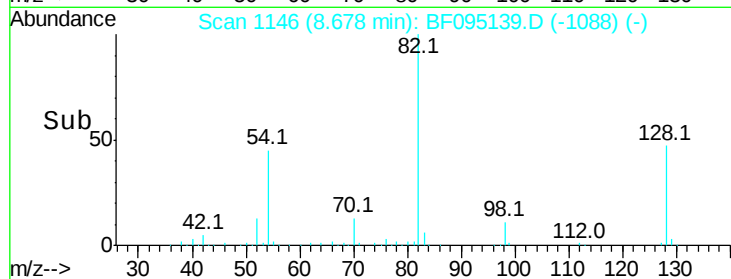
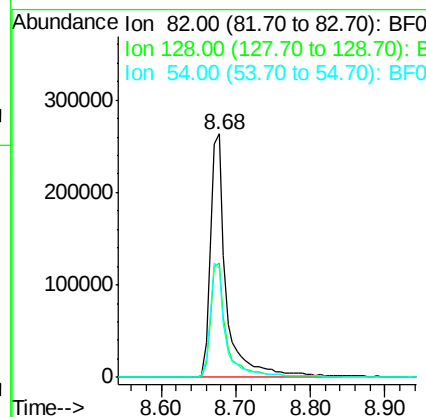
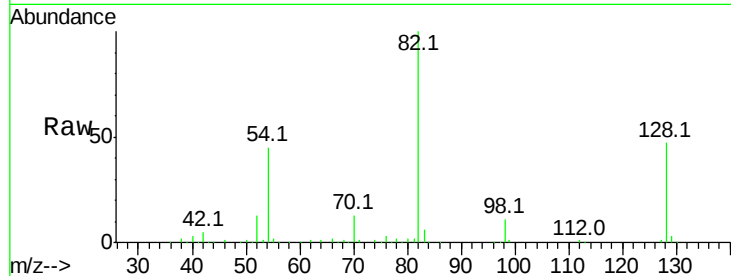
#23
Nitrobenzene-d5
Concen: 70.15 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.04 min
Lab File: BF095139.D
Acq: 15 May 2017 22:28

Instrument :
BNA_F
ClientSampleId :
TP-7-7.5

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.0	34.0	51.0	
54	44.8	42.2	63.2	

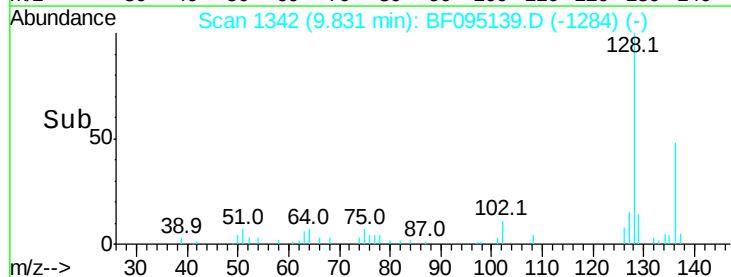
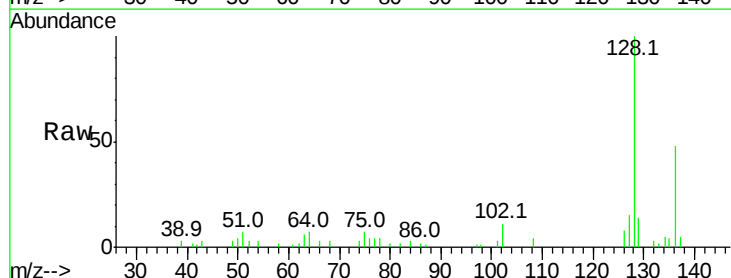
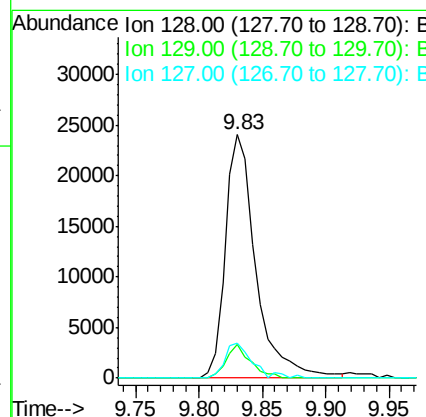
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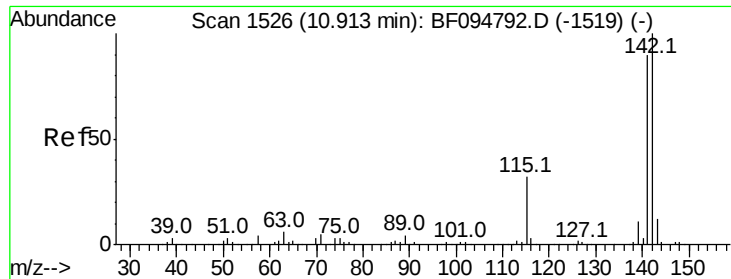
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#31
Naphthalene
Concen: 2.25 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.04 min
Lab File: BF095139.D
Acq: 15 May 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	13.6	9.0	13.6#	
127	14.6	10.8	16.2	





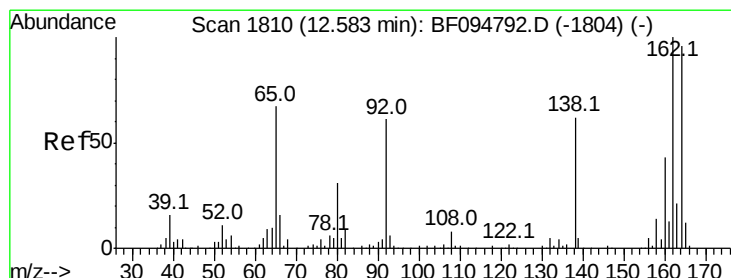
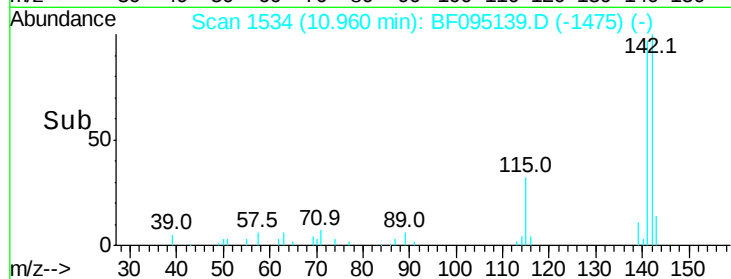
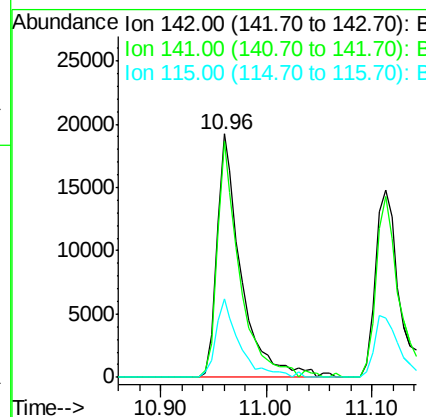
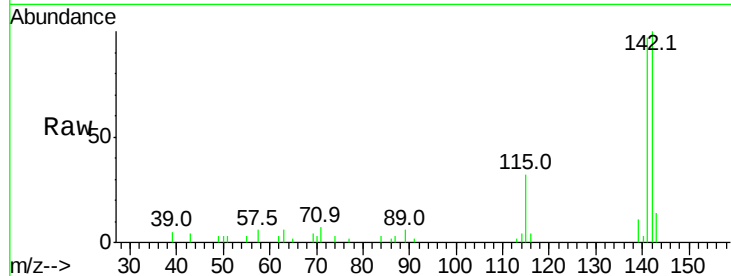
#37
2-Methylnaphthalene
Concen: 2.62 ng
RT: 10.96 min Scan# 1534
Delta R.T. 0.05 min
Lab File: BF095139.D
Acq: 15 May 2017 22:28

Instrument :
BNA_F
ClientSampleId :
TP-7-7.5

Tot Ion	Ratio	Lower	Upper
142	100		
141	96.7	71.3	106.9
115	32.4	27.1	40.7

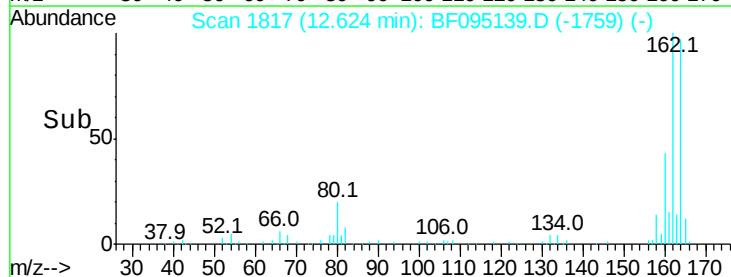
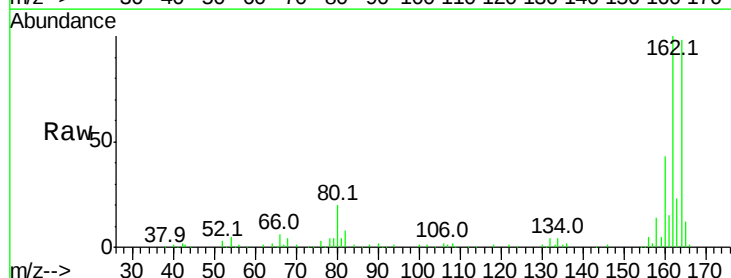
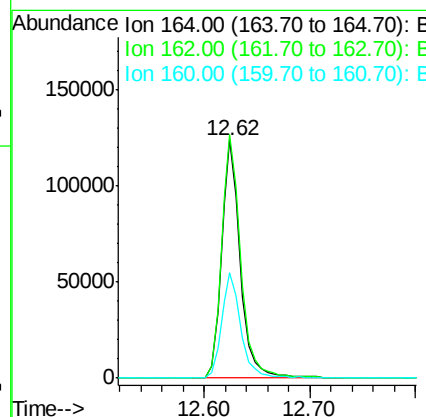
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095139.D
Acq: 15 May 2017 22:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	44.3	36.2	54.2





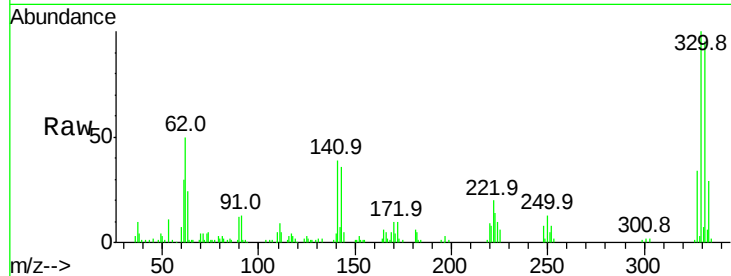
#41
 2,4,6-Tribromophenol
 Concen: 83.94 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095139.D
 Acq: 15 May 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-7.5

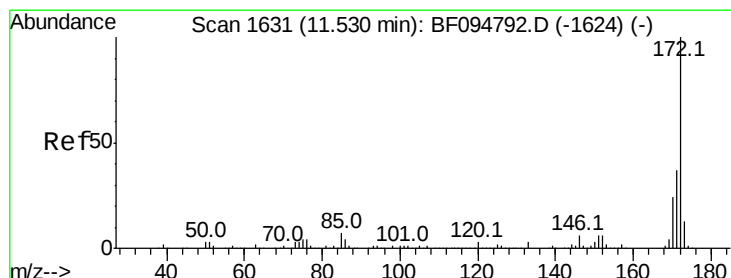
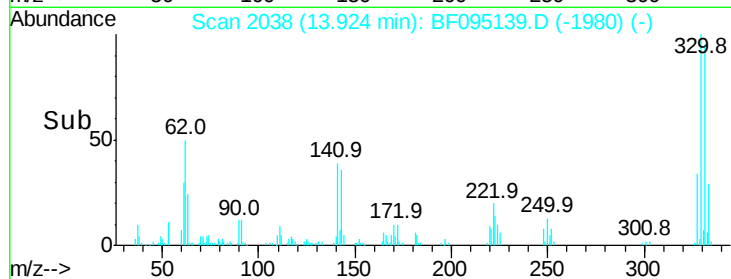
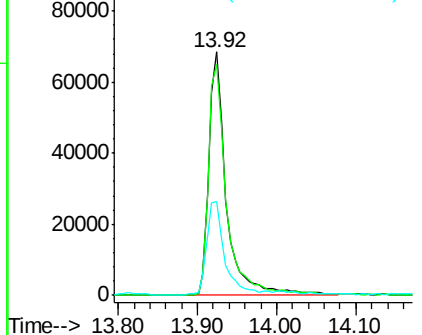
Tot Ion	Ratio	Resp	Lower	Upper
330	100	105954		
332	95.9	76.6	115.0	
141	39.4	31.4	47.2	

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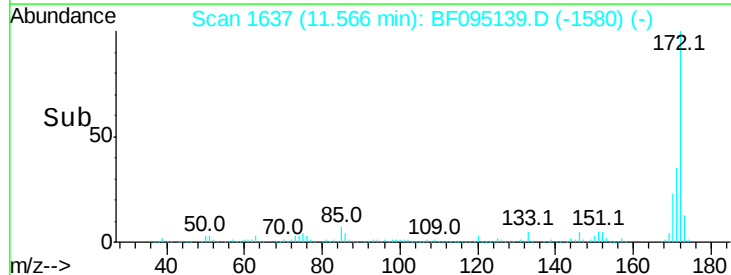
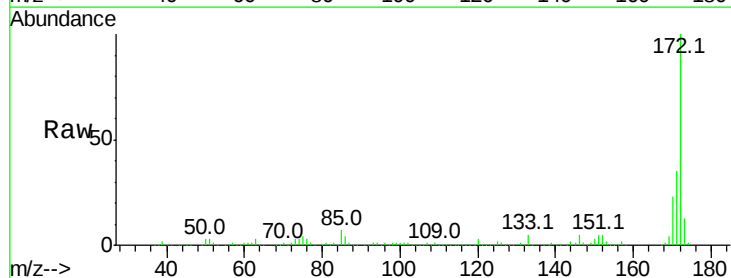
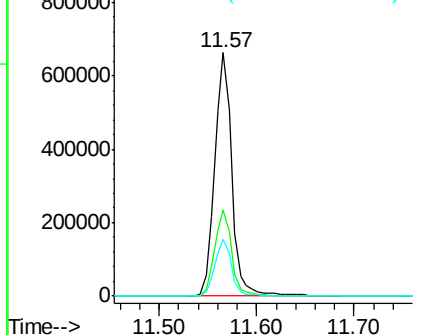
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

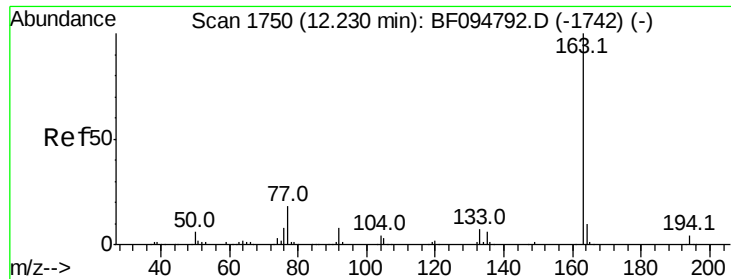


#44
 2-Fluorobiphenyl
 Concen: 75.71 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095139.D
 Acq: 15 May 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	810725		
171	35.3	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





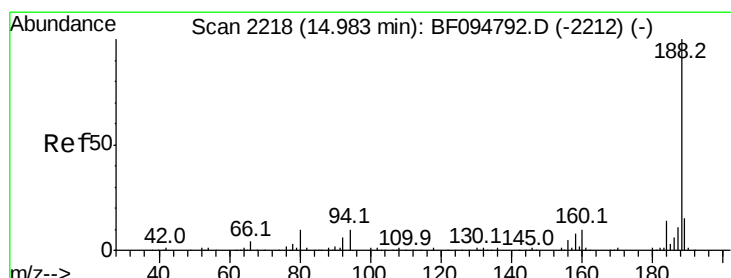
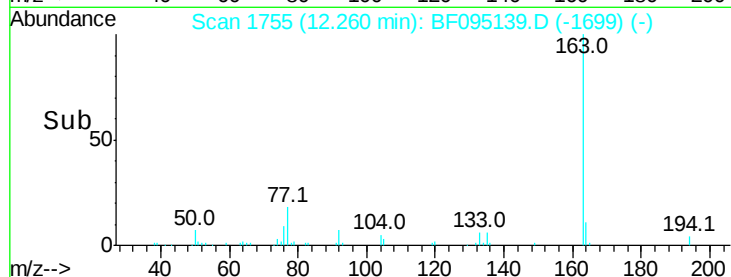
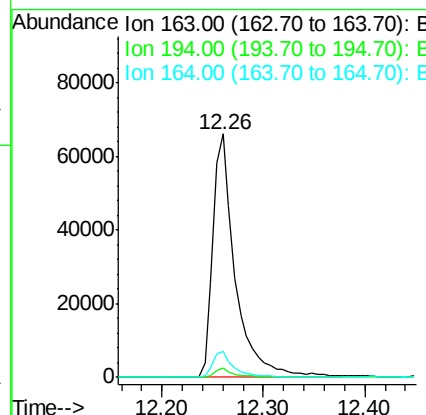
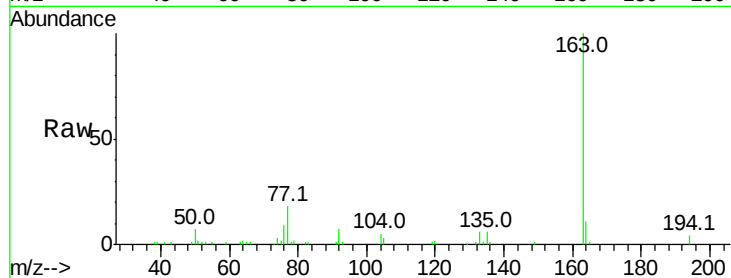
#49
Dimethylphthalate
Concen: 8.05 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.03 min
Lab File: BF095139.D
Acq: 15 May 2017 22:28

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	101812		
194	3.7	2.6	4.0	
164	10.7	8.4	12.6	

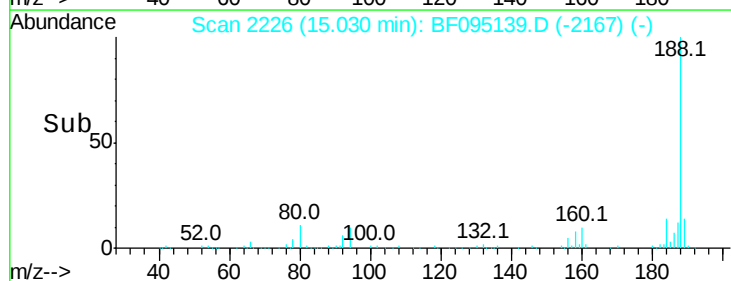
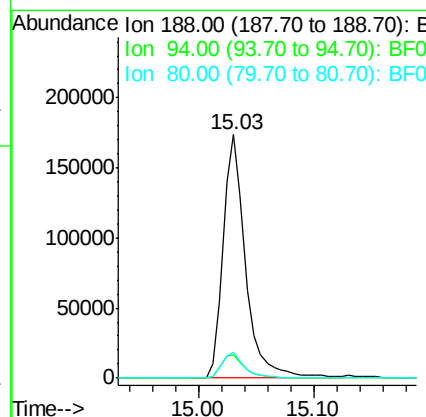
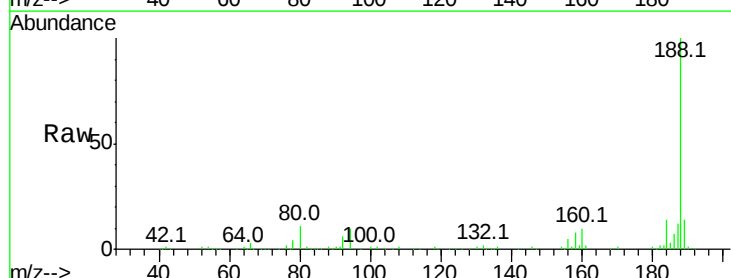
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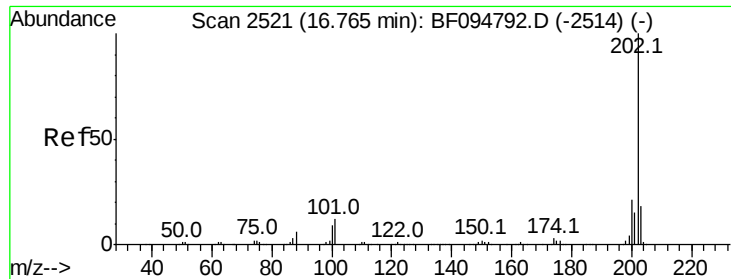
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095139.D
Acq: 15 May 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	233757		
94	9.9	9.4	14.2	
80	10.6	10.2	15.2	





#74

Fluoranthene

Concen: 2.12 ng

RT: 16.81 min Scan# 2529

Delta R.T. 0.05 min

Lab File: BF095139.D

Acq: 15 May 2017 22:28

Instrument :

BNA_F

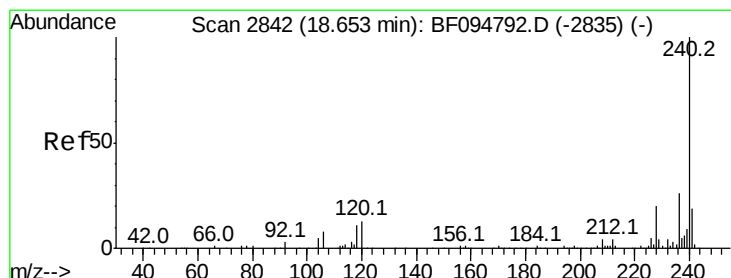
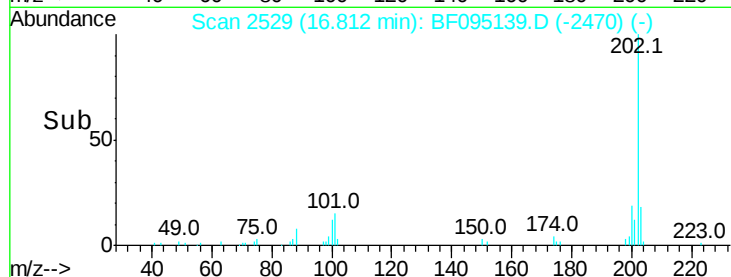
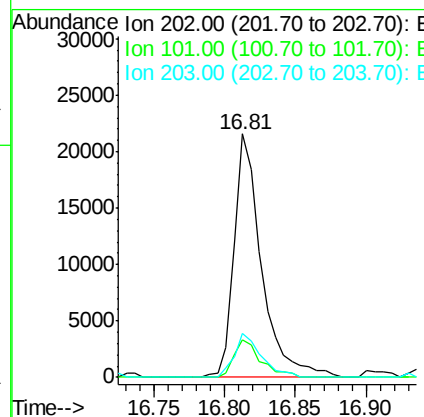
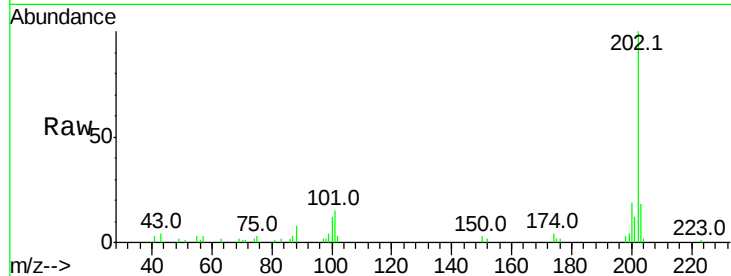
ClientSampleId :

TP-7-7.5

Tot Ion:	202	Resp:	29163
Ion Ratio	Lower	Upper	
202	100		
101	18.3	0.0	33.2
203	17.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

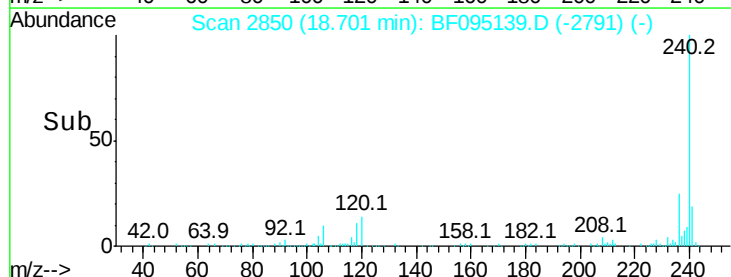
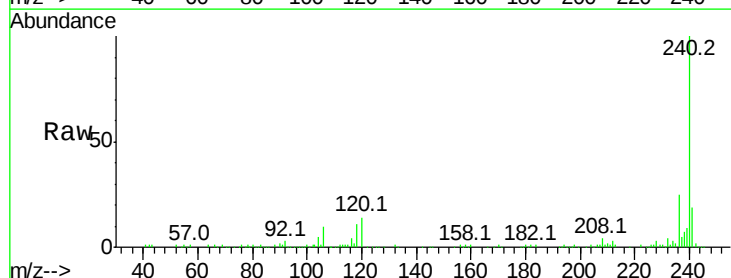
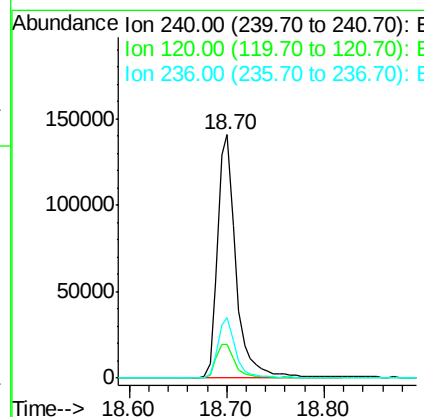
RT: 18.70 min Scan# 2850

Delta R.T. 0.05 min

Lab File: BF095139.D

Acq: 15 May 2017 22:28

Tgt Ion:	240	Resp:	185652
Ion Ratio	Lower	Upper	
240	100		
120	14.0	5.8	8.8#
236	24.9	20.5	30.7





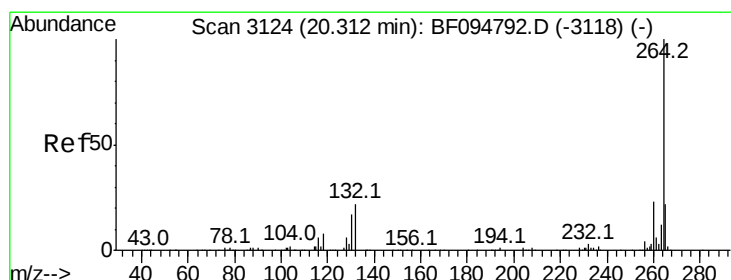
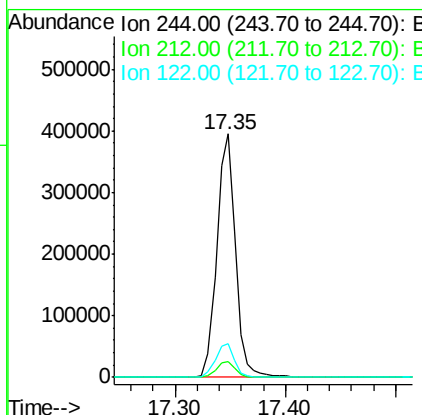
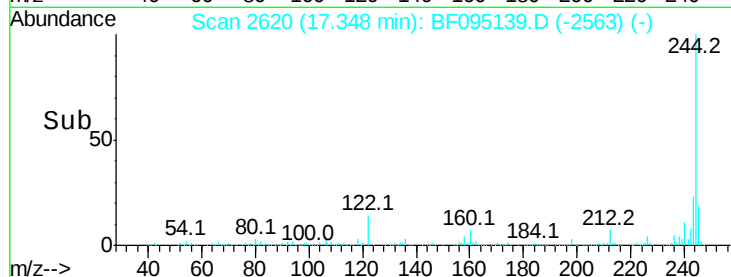
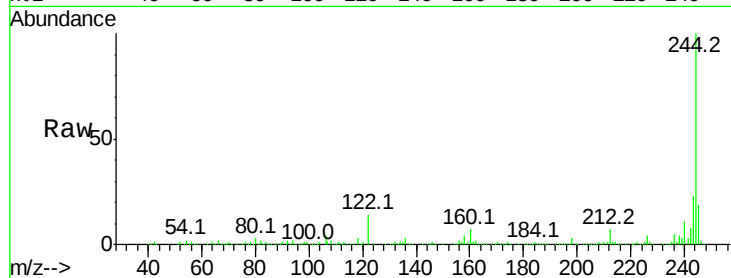
#78
 Terphenyl-d14
 Concen: 54.99 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095139.D
 Acq: 15 May 2017 22:28

Instrument :
 BNA_F
 ClientSampled :
 TP-7-7.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.7	10.3	15.5

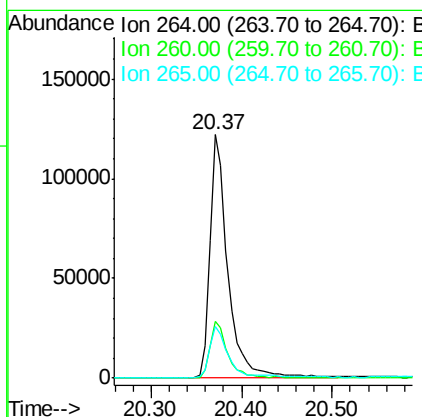
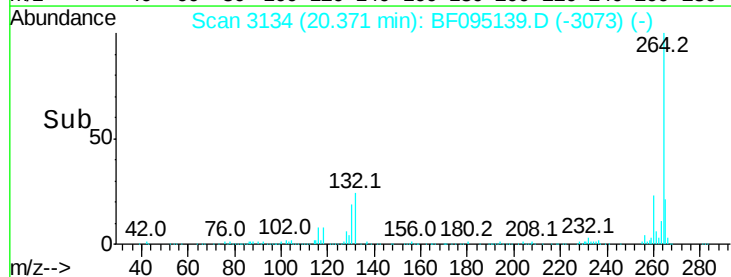
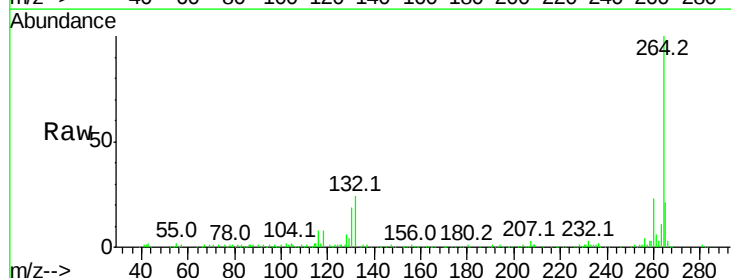
Manual Integrations
 APPROVED

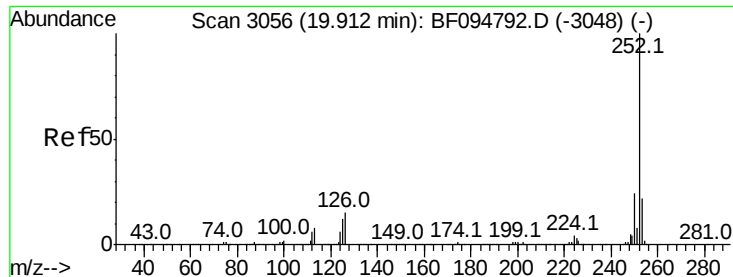
mohammad
 5/17/2017 2:20:23 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095139.D
 Acq: 15 May 2017 22:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.0	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.23 ng m
 RT: 19.98 min Scan# 3067
 Delta R.T. 0.06 min
 Lab File: BF095139.D
 Acq: 15 May 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-7.5

Tot Ion:	252	Resp:	23345
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.1	27.1
125	14.6	9.8	14.8

Manual Integrations
 APPROVED

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