

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094381.D
 Acq On : 12 Apr 2017 6:58
 Operator : SJ/MA
 Sample : I2598-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-64-S1(0-2)

Manual Integrations
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Quant Time: Apr 12 07:58:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	137753	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	517506	20.00	ng	-0.04
38) Acenaphthene-d10	9.47	164	204618	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	331238	20.00	ng	-0.03
75) Chrysene-d12	14.54	240	293885	20.00	ng	-0.03
86) Perylene-d12	16.17	264	212992	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	981046	120.29	ng	0.00
7) Phenol-d6	5.46	99	1338710	132.68	ng	0.00
23) Nitrobenzene-d5	6.48	82	844845	93.17	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	142129	87.90	ng	-0.03
44) 2-Fluorobiphenyl	8.66	172	1324783	98.75	ng	-0.03
78) Terphenyl-d14	13.27	244	905520	69.06	ng	-0.02
Target Compounds						
10) Phenol	5.47	94	81584	7.11	ng	Qvalue 94
49) Dimethylphthalate	9.15	163	172416	11.85	ng	98
74) Fluoranthene	12.78	202	64238	3.40	ng	99
77) Pyrene	13.06	202	67075	3.14	ng	98
80) Benzo(a)anthracene	14.53	228	35113	2.05	ng	98
82) Chrysene	14.57	228	43438	2.73	ng	98
87) Benzo(b)fluoranthene	15.77	252	55293m	4.24	ng	
89) Benzo(a)pyrene	16.11	252	34324	2.85	ng	# 95
91) Benzo(g,h,i)perylene	17.87	276	20857	2.03	ng	97

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

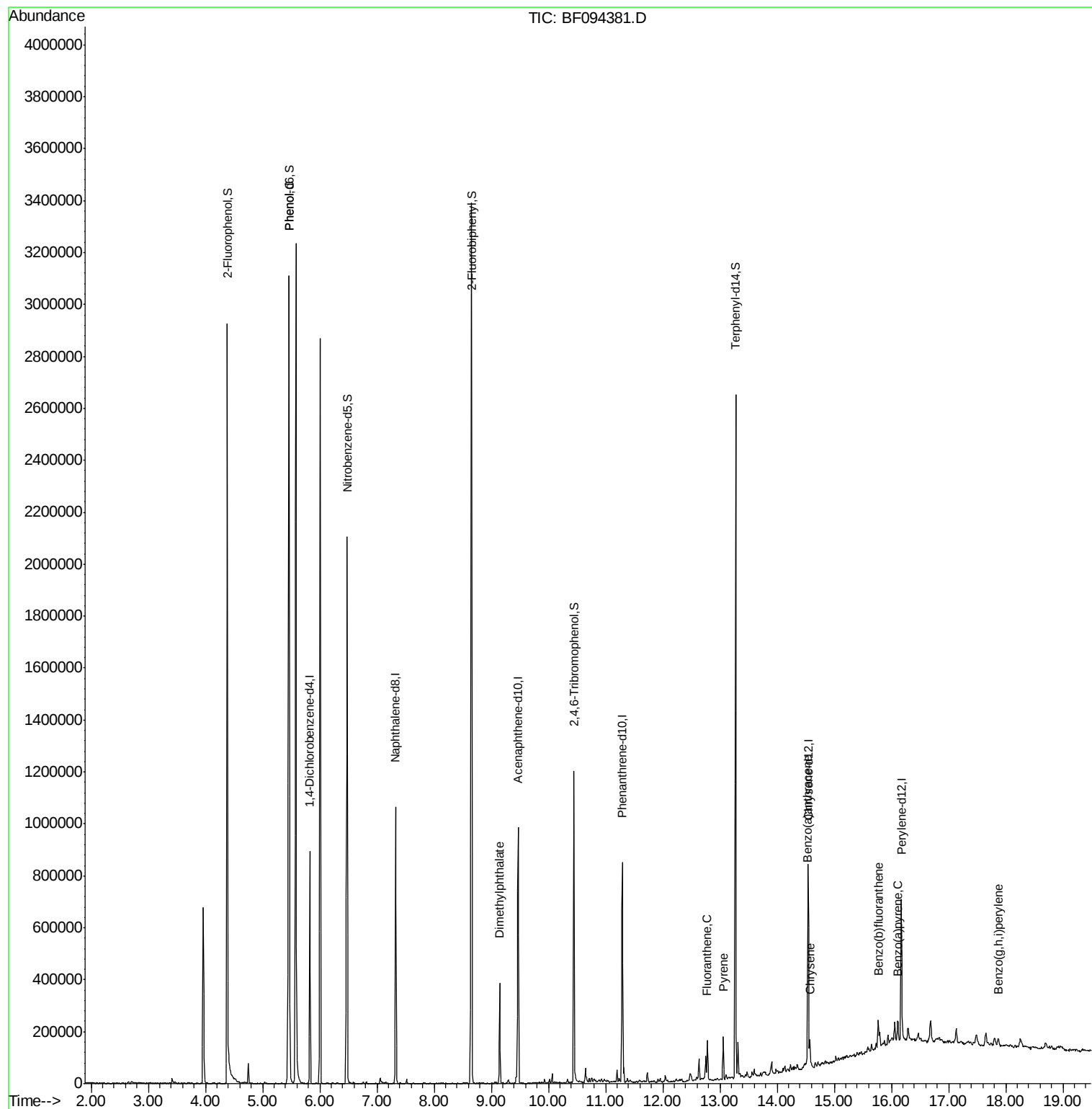
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
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Misc :
ALS Vial : 28 Sample Multiplier: 1

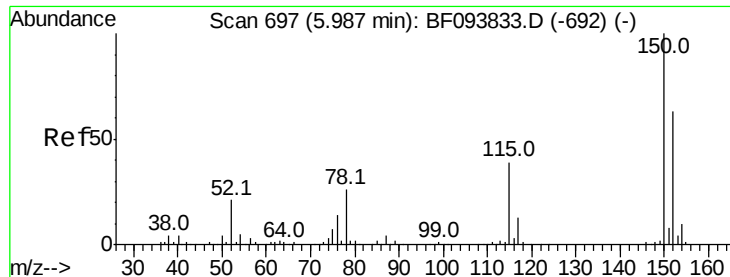
Instrument :
BNA_F
ClientSampleId :
B-64-S1(0-2)

Manual Integrations
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Quant Time: Apr 12 07:58:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
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QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.83 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF094381.D

Acq: 12 Apr 2017 6:58

Instrument :

BNA_F

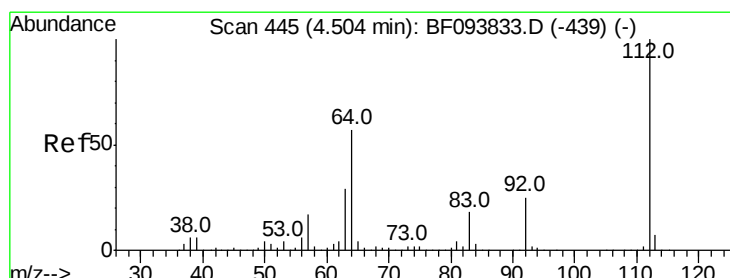
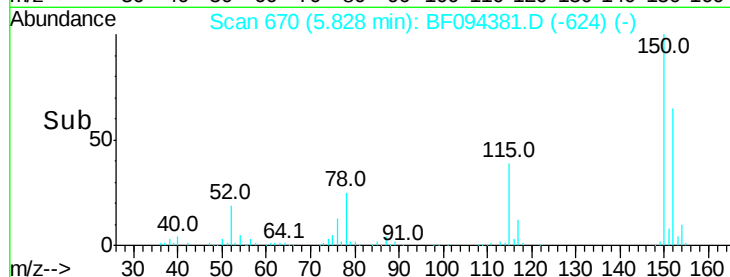
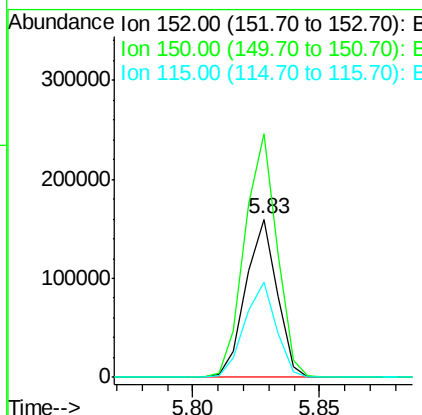
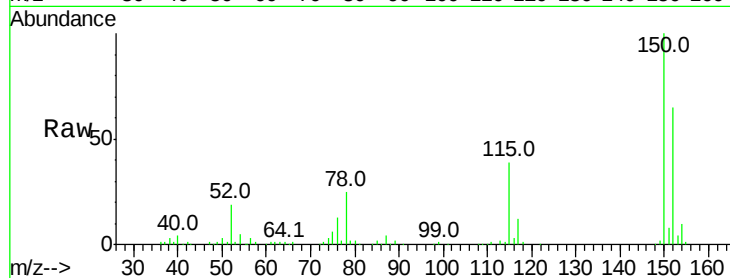
ClientSampleId :

B-64-S1(0-2)

Tot Ion:	152	Resp:	137753
Ion Ratio	Lower	Upper	
152	100		
150	154.2	126.2	189.2
115	60.4	52.2	78.2

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#5

2-Fluorophenol

Concen: 120.29 ng

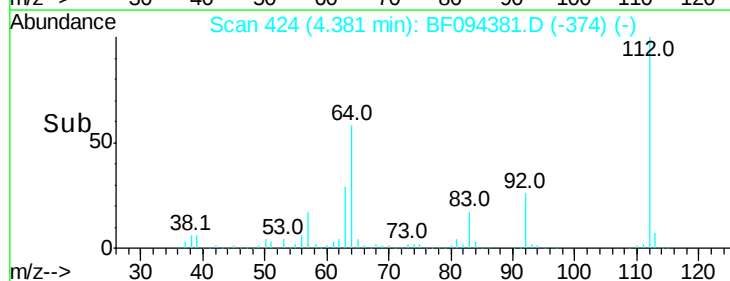
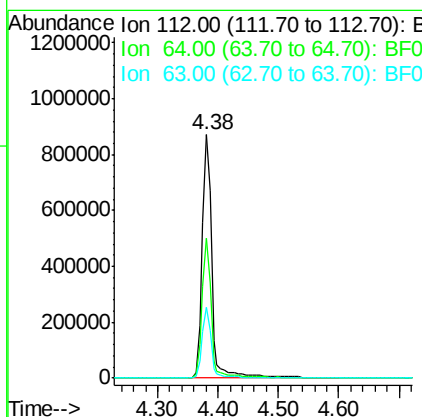
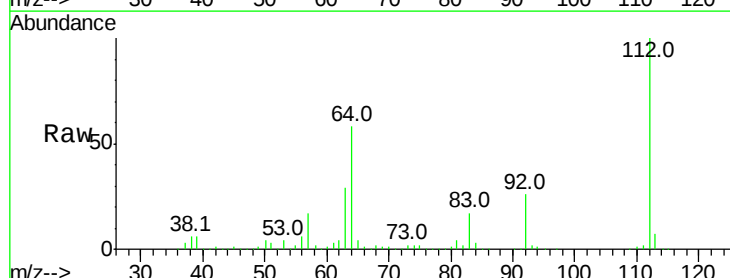
RT: 4.38 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF094381.D

Acq: 12 Apr 2017 6:58

Tgt Ion:	112	Resp:	981046
Ion Ratio	Lower	Upper	
112	100		
64	57.7	46.0	69.0
63	29.0	23.4	35.0





#7

Phenol-d6

Concen: 132.68 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094381.D

Acq: 12 Apr 2017 6:58

Instrument :

BNA_F

ClientSampleId :

B-64-S1(0-2)

Tot Ion: 99 Resp: 1338710

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

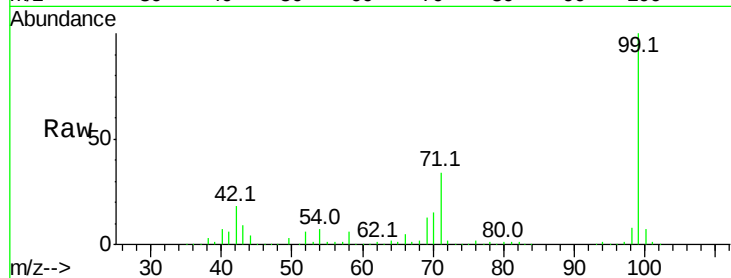
71 33.7 24.5 36.7

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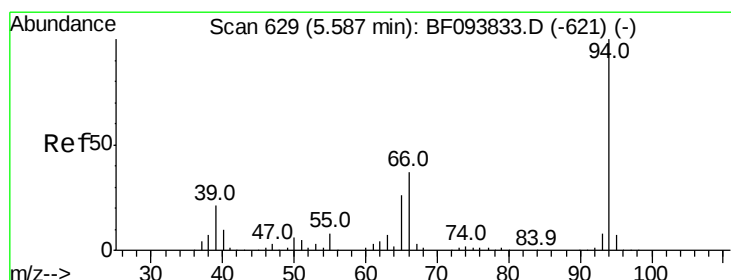
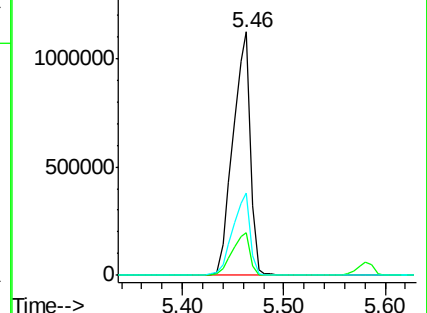
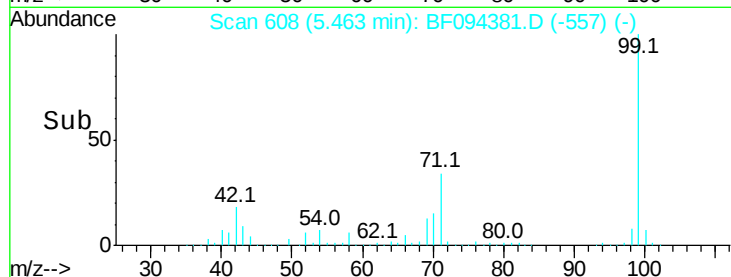
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 7.11 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF094381.D

Acq: 12 Apr 2017 6:58

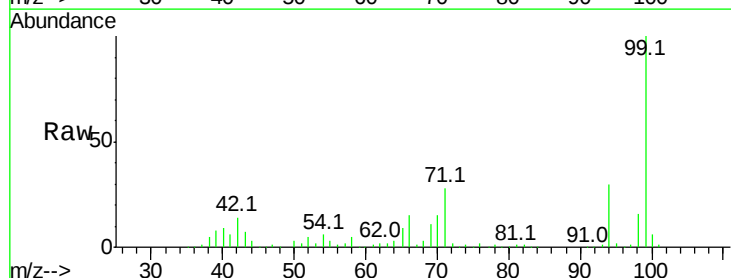
Tgt Ion: 94 Resp: 81584

Ion Ratio Lower Upper

94 100

65 30.9 9.9 49.9

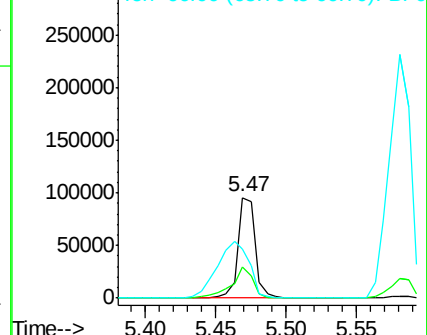
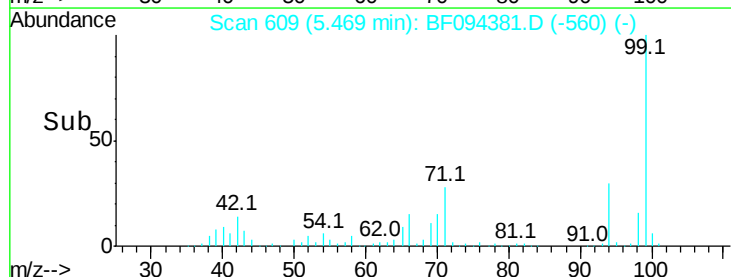
66 49.2 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.33 min Scan# 925

Delta R.T. -0.04 min

Lab File: BF094381.D

Acq: 12 Apr 2017 6:58

Instrument :

BNA_F

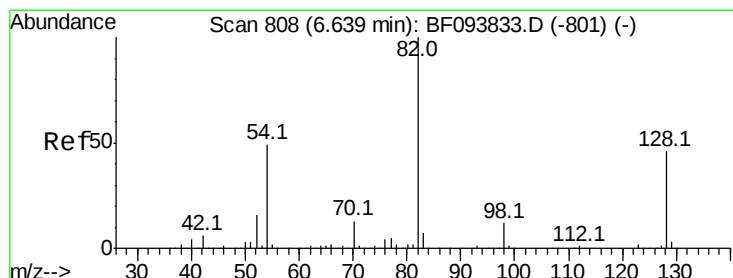
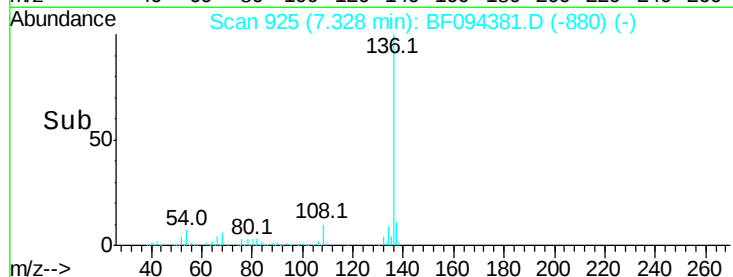
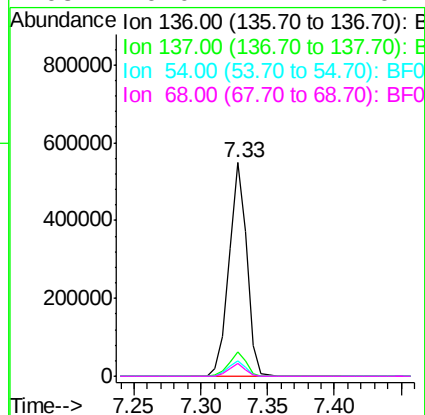
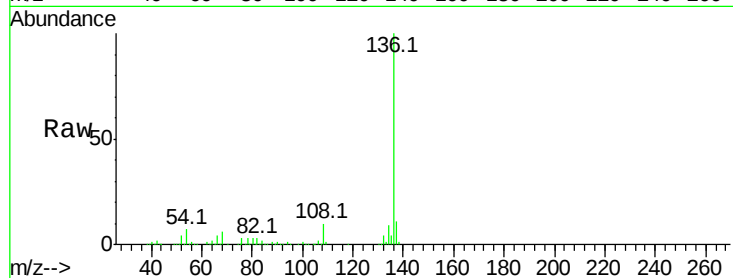
ClientSampleId :

B-64-S1(0-2)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.1	4.9	7.3
68	6.0	4.1	6.1

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#23

Nitrobenzene-d5

Concen: 93.17 ng

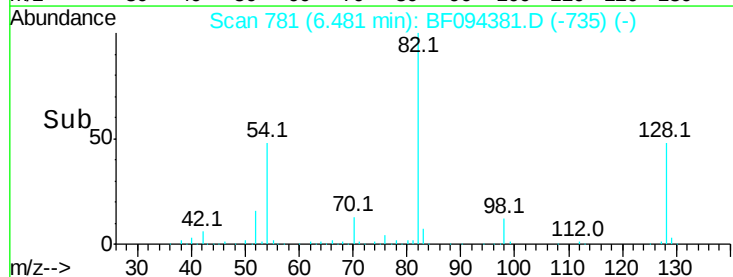
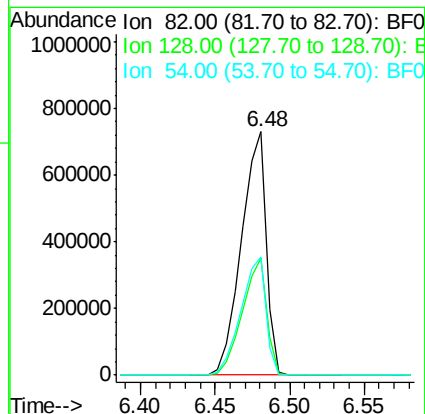
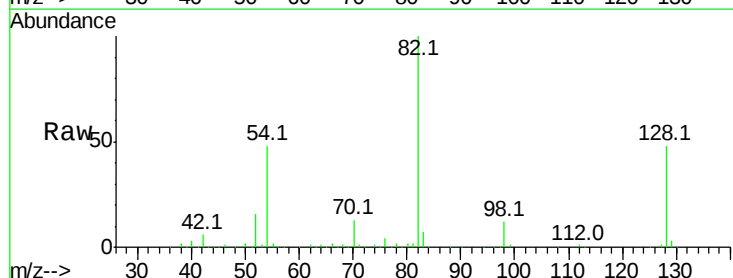
RT: 6.48 min Scan# 781

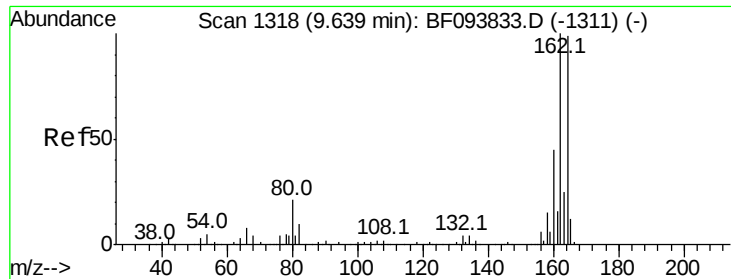
Delta R.T. -0.03 min

Lab File: BF094381.D

Acq: 12 Apr 2017 6:58

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	48.2	34.0	51.0
54	48.4	42.2	63.2





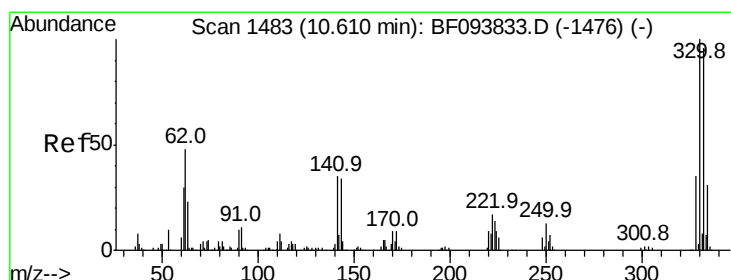
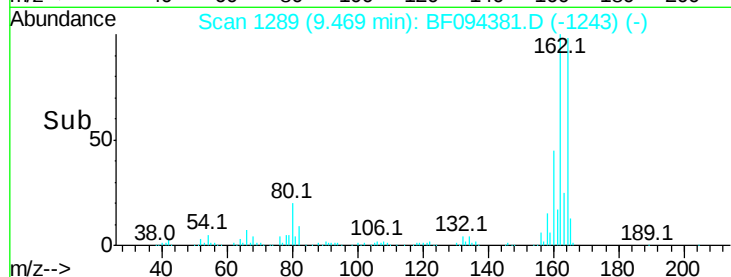
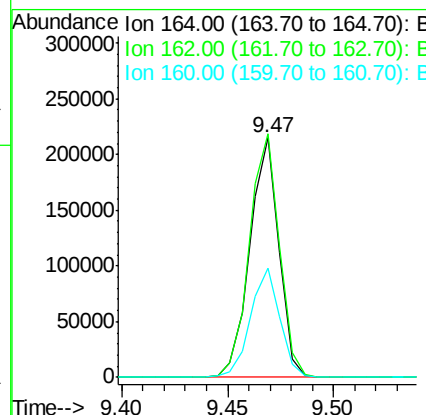
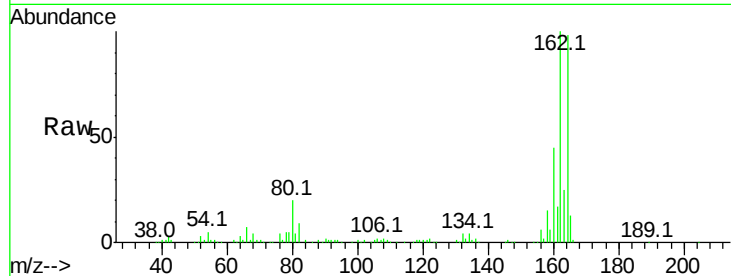
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BF094381.D
 Acq: 12 Apr 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :
 B-64-S1(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	204618		
162	101.8	82.6	123.8	
160	45.5	36.2	54.2	

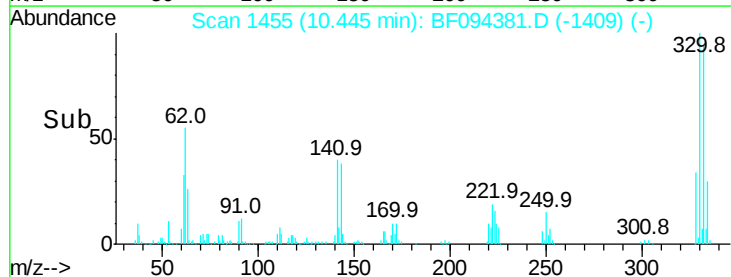
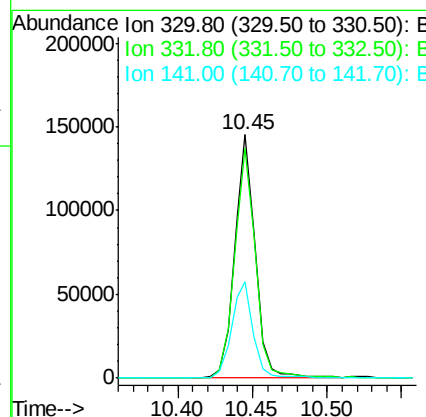
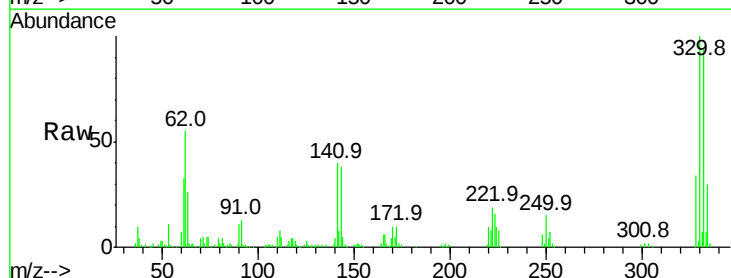
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#41
 2,4,6-Tribromophenol
 Concen: 87.90 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF094381.D
 Acq: 12 Apr 2017 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	142129		
332	96.5	76.6	115.0	
141	41.5	31.4	47.2	





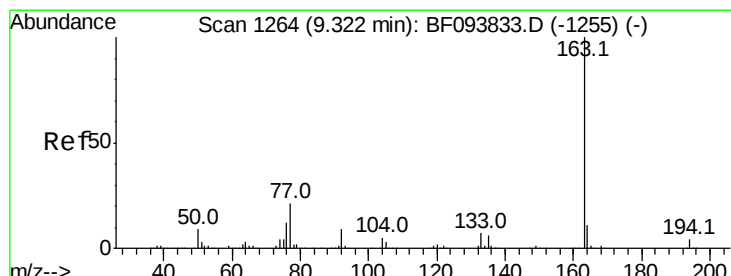
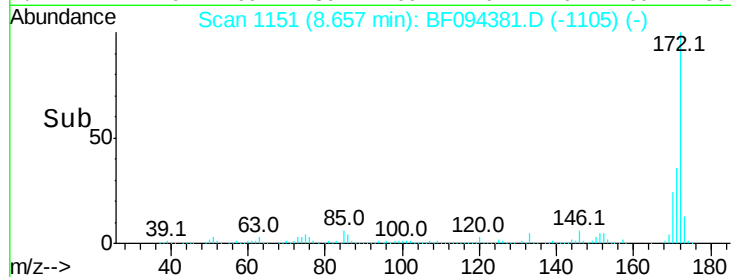
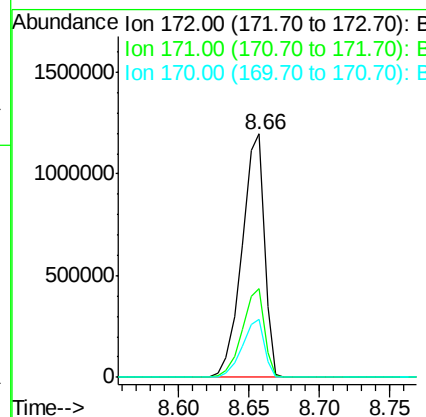
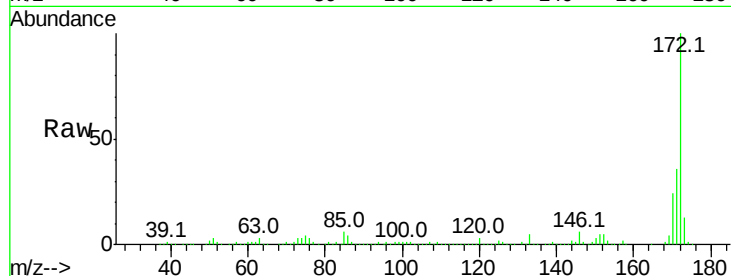
#44
2-Fluorobiphenyl
Concen: 98.75 ng
RT: 8.66 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF094381.D
Acq: 12 Apr 2017 6:58

Instrument :
BNA_F
ClientSampleId :
B-64-S1(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.9	19.8	29.8

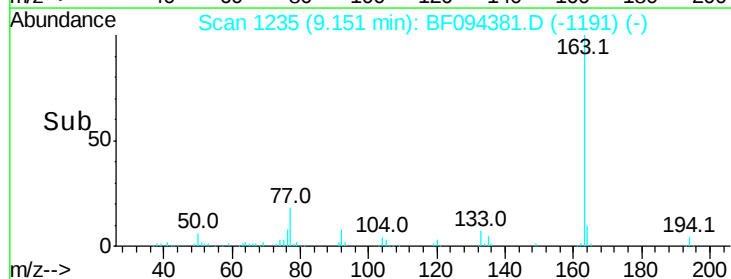
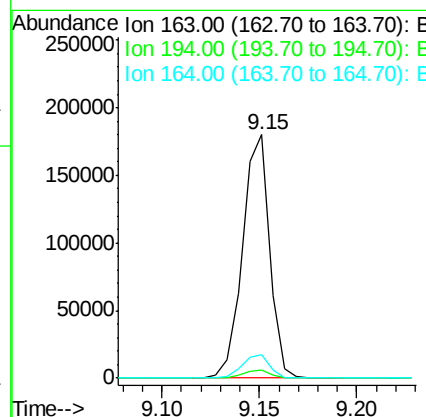
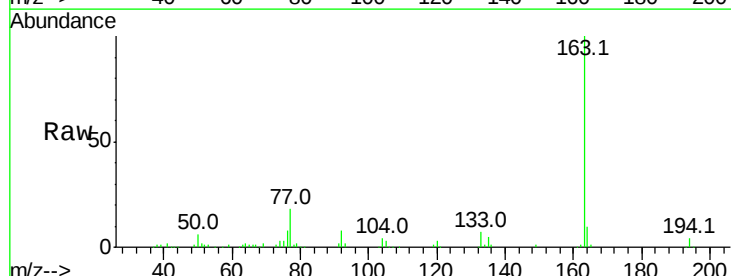
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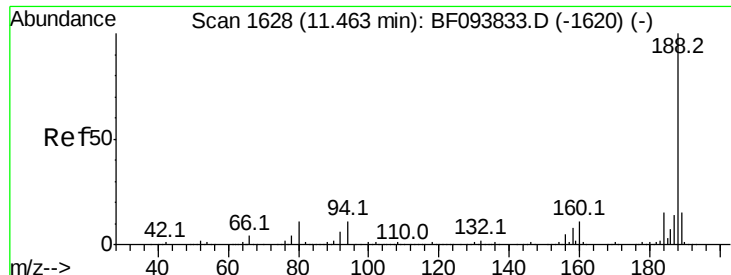
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#49
Dimethylphthalate
Concen: 11.85 ng
RT: 9.15 min Scan# 1235
Delta R.T. -0.04 min
Lab File: BF094381.D
Acq: 12 Apr 2017 6:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.7	8.4	12.6





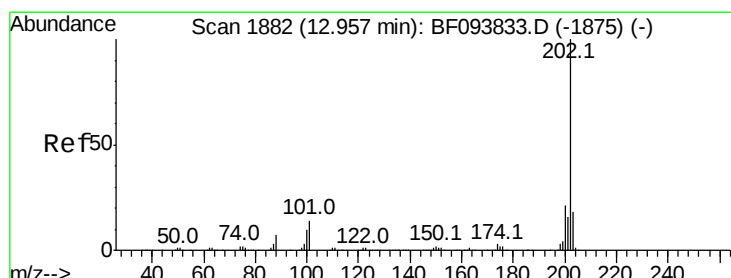
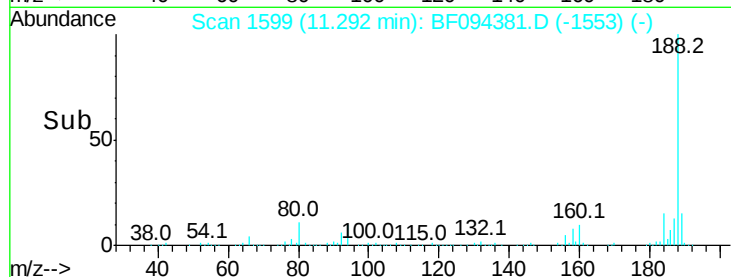
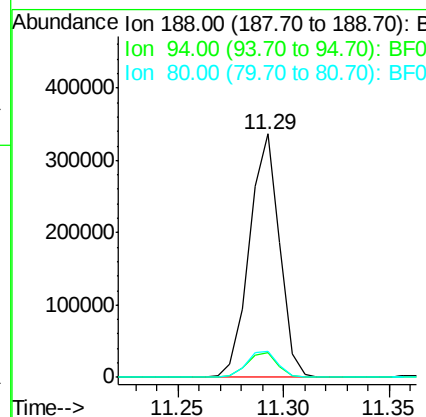
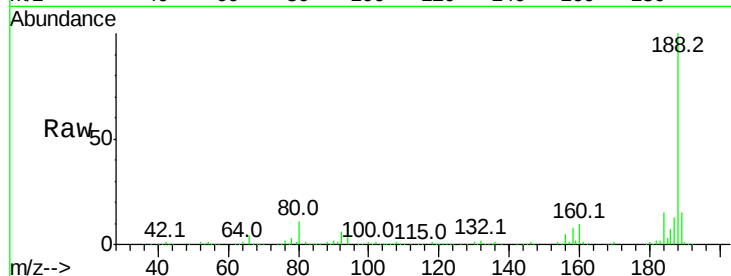
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF094381.D
Acq: 12 Apr 2017 6:58

Instrument :
BNA_F
ClientSampleId :
B-64-S1(0-2)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.9	10.2	15.2

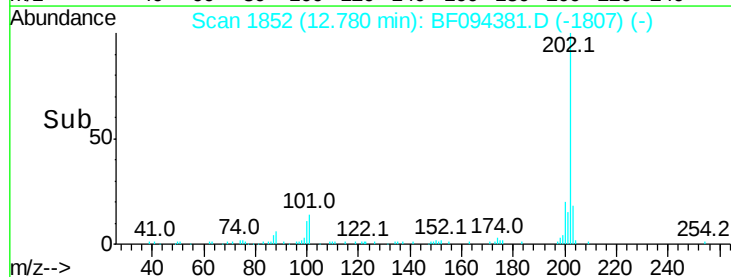
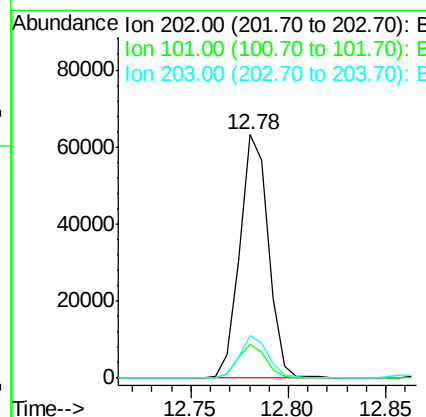
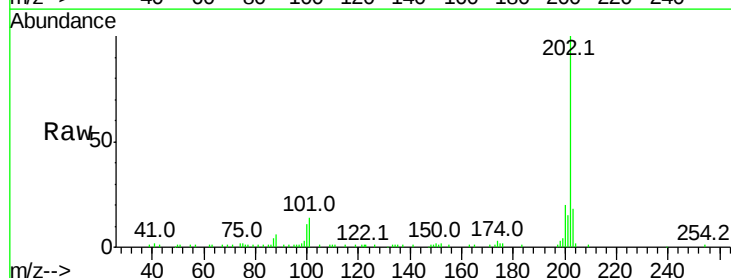
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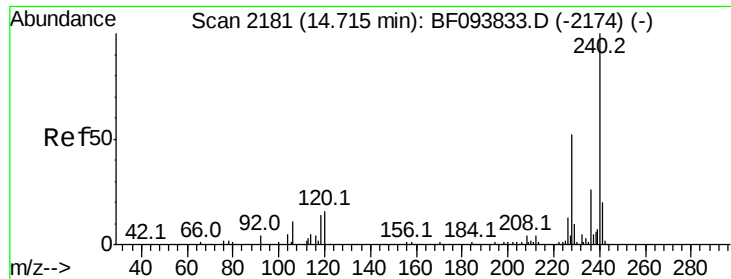
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#74
Fluoranthene
Concen: 3.40 ng
RT: 12.78 min Scan# 1852
Delta R.T. -0.04 min
Lab File: BF094381.D
Acq: 12 Apr 2017 6:58

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	0.0	33.2
203	17.6	0.0	38.1





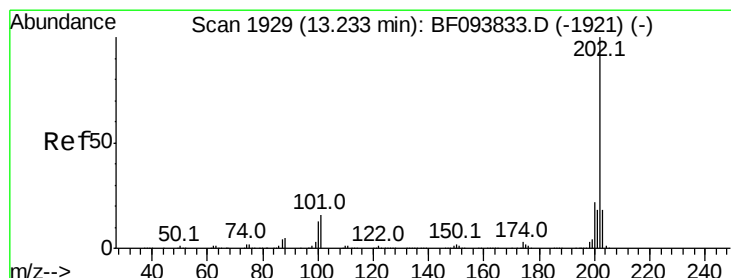
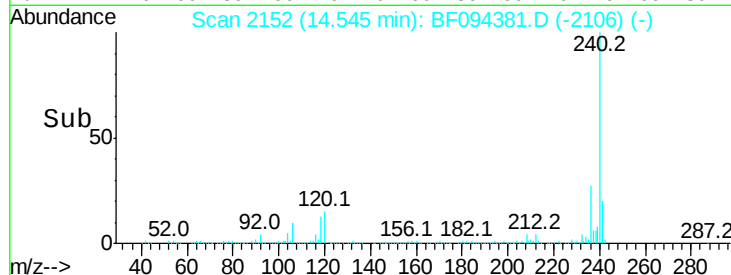
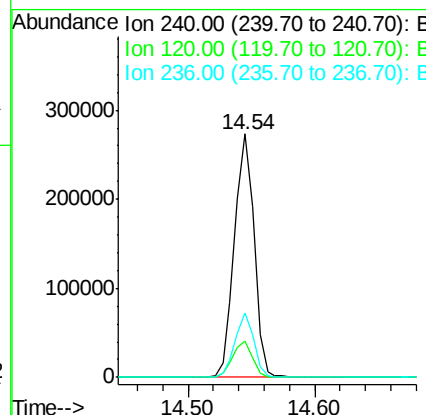
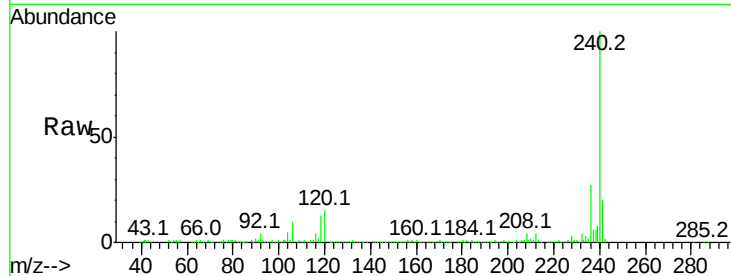
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.54 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BF094381.D
Acq: 12 Apr 2017 6:58

Instrument :
BNA_F
ClientSampleId :
B-64-S1(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	293885		
120	14.9	5.8	8.8#	
236	26.5	20.5	30.7	

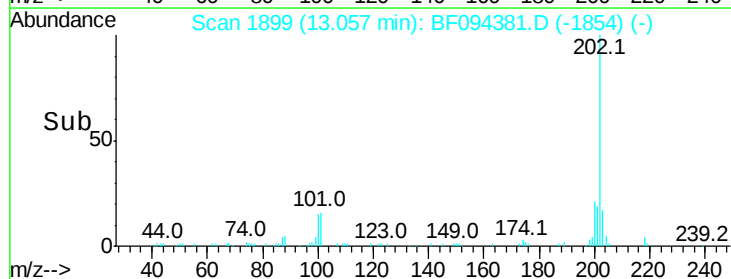
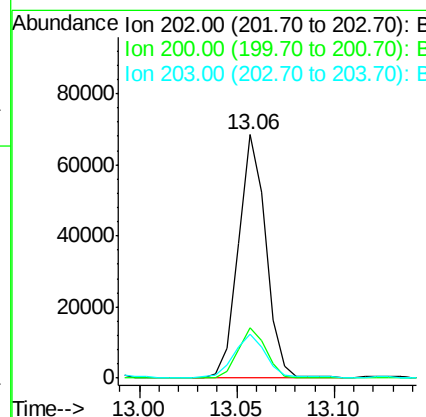
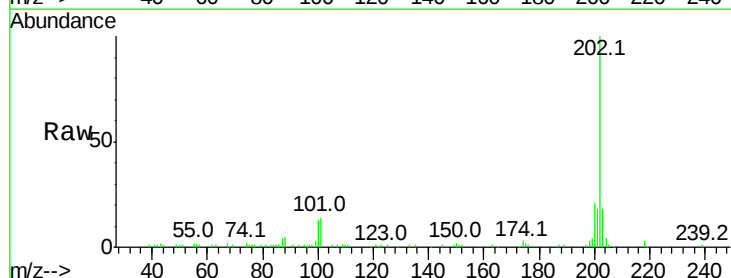
Manual Integrations
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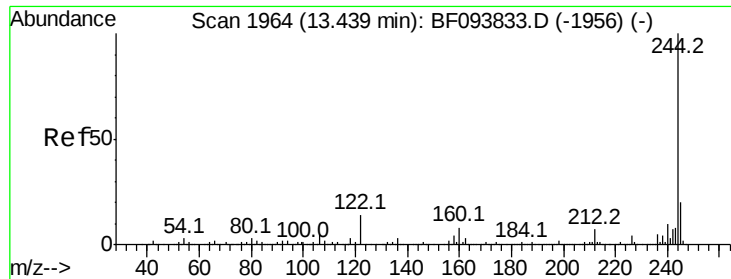
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#77
Pyrene
Concen: 3.14 ng
RT: 13.06 min Scan# 1899
Delta R.T. -0.04 min
Lab File: BF094381.D
Acq: 12 Apr 2017 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	67075		
200	20.7	17.6	26.4	
203	17.9	14.4	21.6	





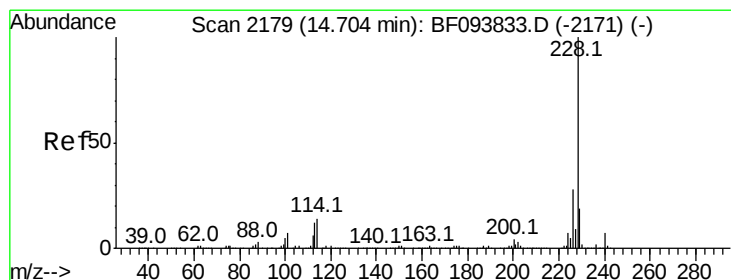
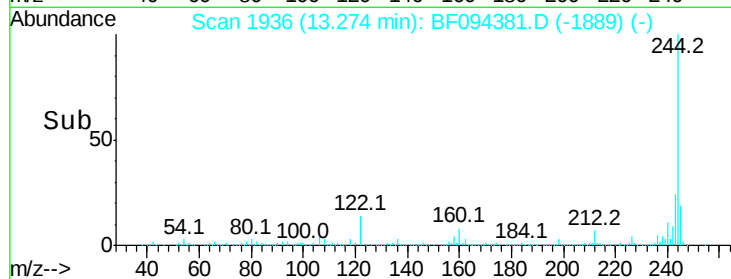
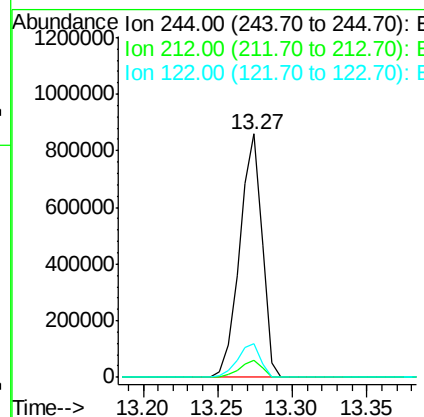
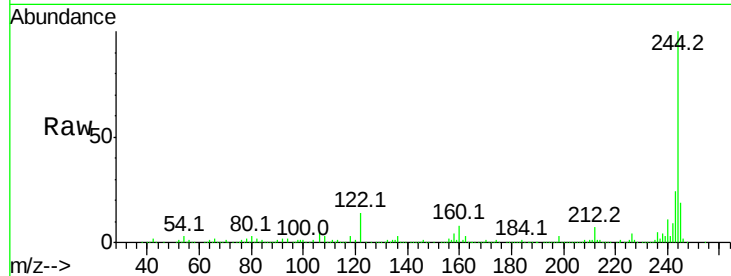
#78
 Terphenyl-d14
 Concen: 69.06 ng
 RT: 13.27 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BF094381.D
 Acq: 12 Apr 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :
 B-64-S1(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.7	10.3	15.5

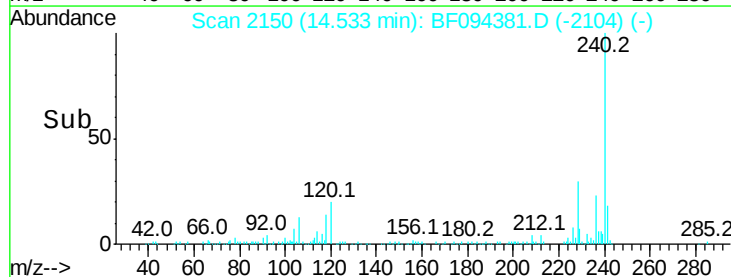
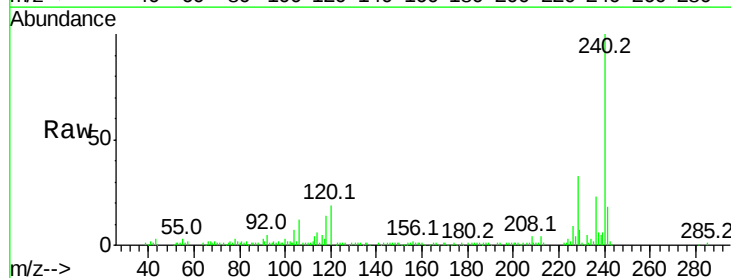
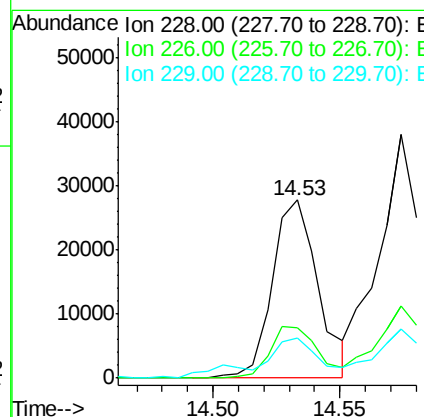
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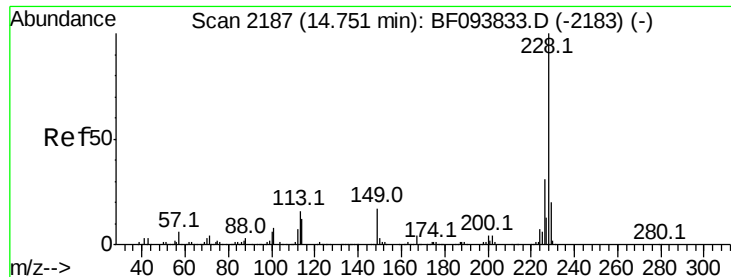
mohammad
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#80
 Benzo(a)anthracene
 Concen: 2.05 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. -0.03 min
 Lab File: BF094381.D
 Acq: 12 Apr 2017 6:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	22.4	16.3	24.5





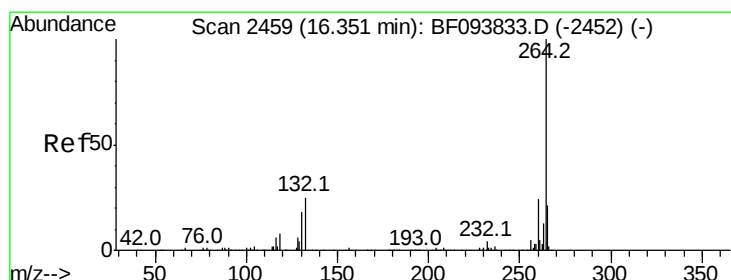
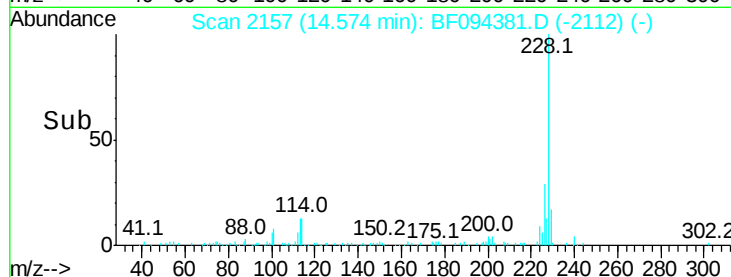
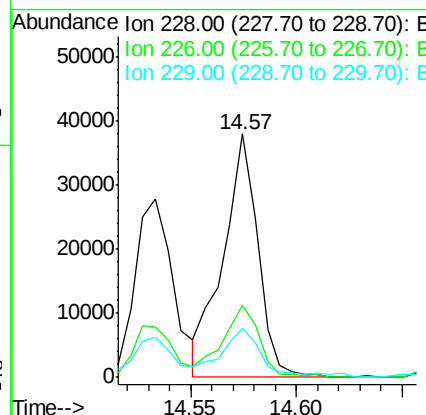
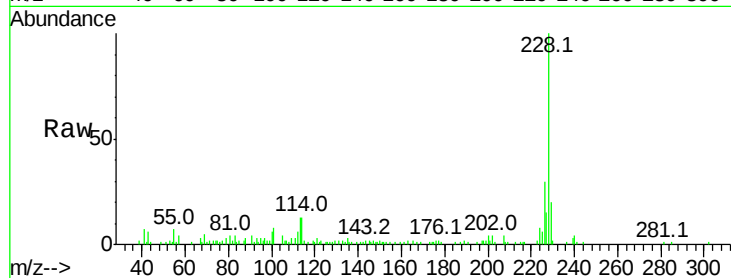
#82
Chrysene
Concen: 2.73 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.04 min
Lab File: BF094381.D
Acq: 12 Apr 2017 6:58

Instrument :
BNA_F
ClientSampleId :
B-64-S1(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	19.9	15.8	23.6

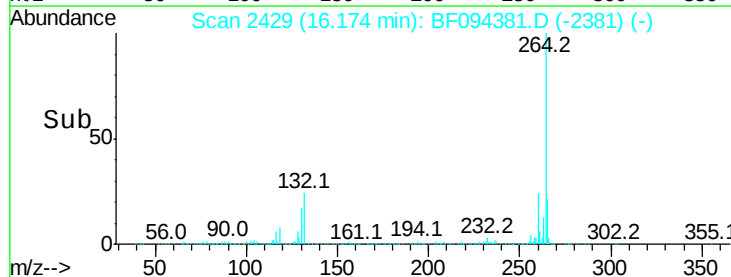
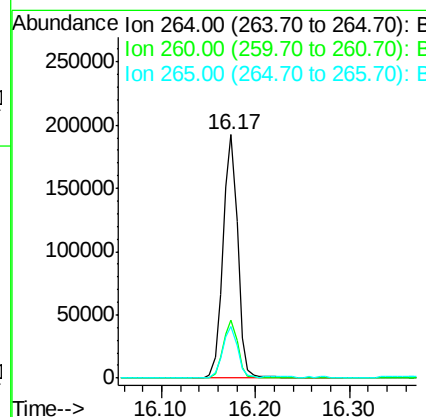
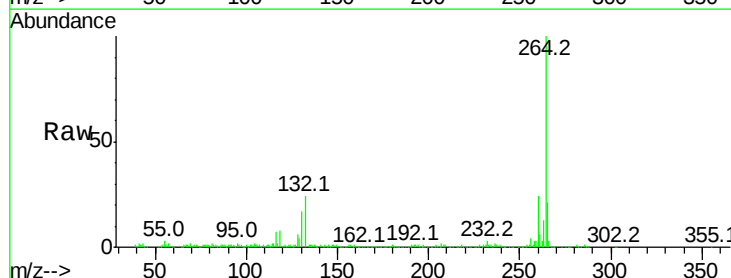
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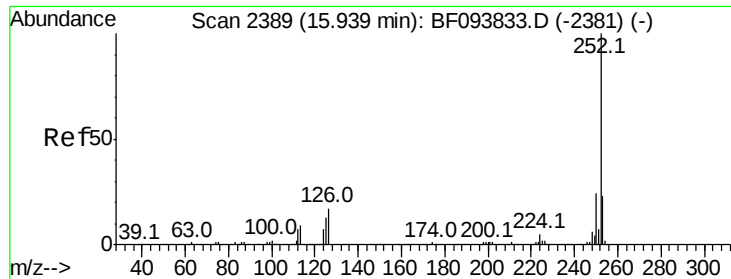
mohammad
4/12/2017 5:12:23 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BF094381.D
Acq: 12 Apr 2017 6:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.24 ng

RT: 15.77 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BF094381.D

Acq: 12 Apr 2017 6:58

Instrument :

BNA_F

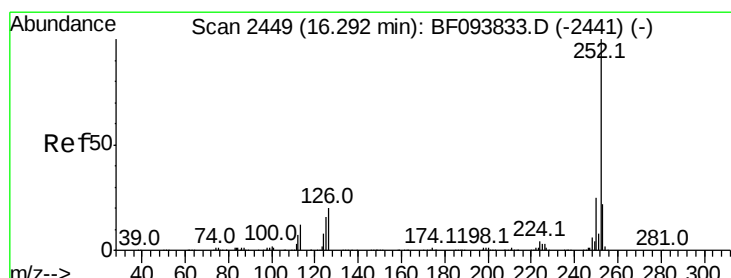
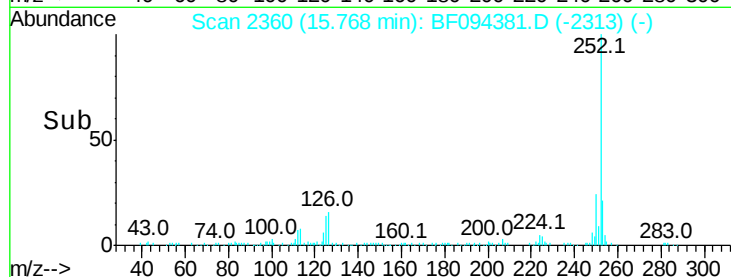
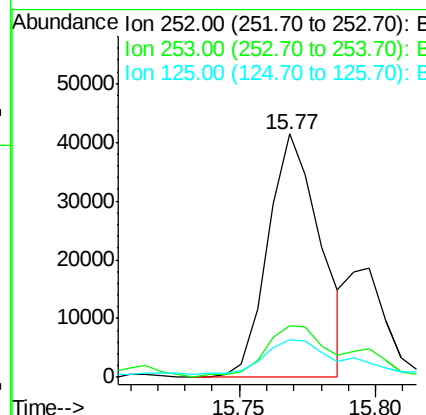
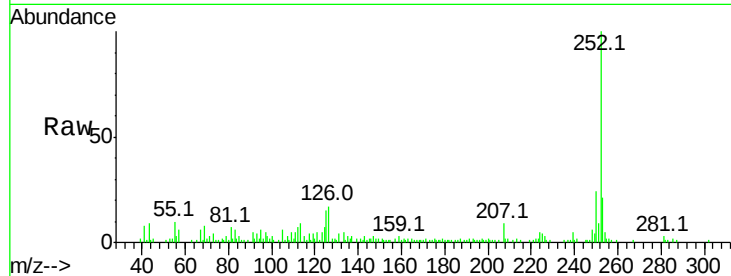
ClientSampleId :

B-64-S1(0-2)

Tot Ion:	252	Resp:	55293
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.1	27.1
125	15.3	9.8	14.8#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.85 ng

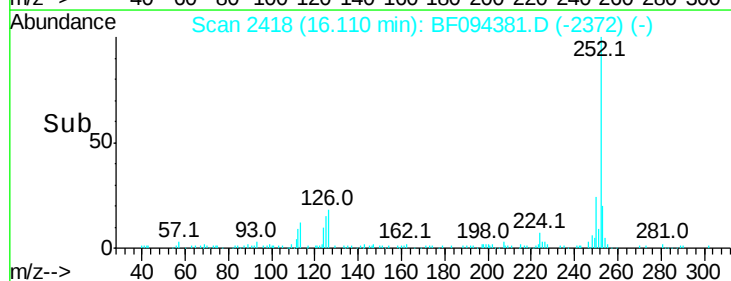
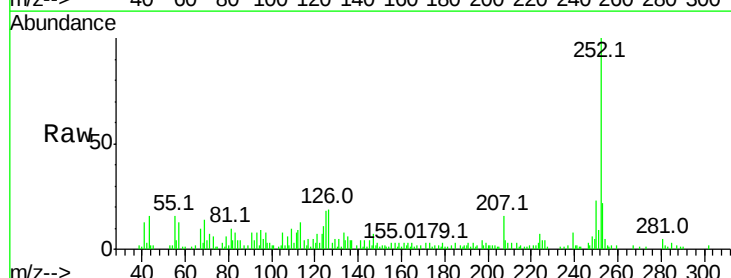
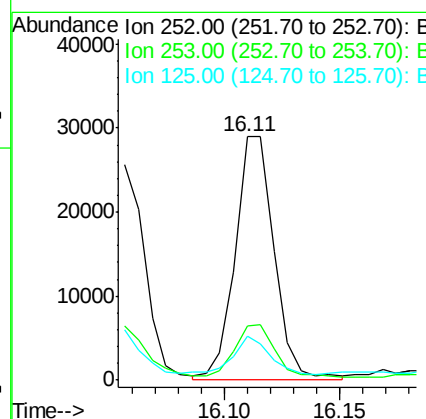
RT: 16.11 min Scan# 2418

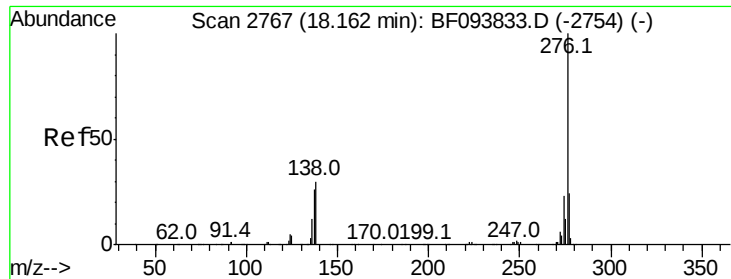
Delta R.T. -0.03 min

Lab File: BF094381.D

Acq: 12 Apr 2017 6:58

Tgt Ion:	252	Resp:	34324
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	18.1	11.0	16.4#





#91
 Benzo(a,h,i)perylene
 Concen: 2.03 ng
 RT: 17.87 min Scan# 2717
 Delta R.T. -0.04 min
 Lab File: BF094381.D
 Acq: 12 Apr 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :
 B-64-S1(0-2)

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	34.7	25.4	38.0

Manual Integrations
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mohammad
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