

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093721.D
 Acq On : 16 Mar 2017 22:08
 Operator : SJ/MA
 Sample : I2254-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EW-03

Manual Integrations
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Quant Time: Mar 20 16:05:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	129337	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	421950	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	192857	20.00	ng	0.01
63) Phenanthrene-d10	11.26	188	647983	20.00	ng	0.01
75) Chrysene-d12	13.99	240	220820	20.00	ng	0.10
86) Perylene-d12	15.29	264	169385	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	139820	17.99	ng	0.03
7) Phenol-d6	6.42	99	24418m	2.49	ng	0.05
23) Nitrobenzene-d5	7.38	82	446000	58.65	ng	0.08
41) 2,4,6-Tribromophenol	10.60	330	82628	65.76	ng	0.05
44) 2-Fluorobiphenyl	9.06	172	567888	54.77	ng	-0.02
78) Terphenyl-d14	12.86	244	40942	4.82	ng	0.03
Target Compounds						
10) Phenol	6.46	94	55407	4.61	ng	Qvalue 85
15) Benzyl Alcohol	7.26	79	42901043m	6141.31	ng	
20) 3+4-Methylphenols	7.32	107	303195m	31.74	ng	
32) Benzoic acid	8.01	122	3983786	1208.53	ng	97
37) 2-Methylnaphthalene	8.71	142	32158	2.39	ng	# 55
49) Dimethylphthalate	9.53	163	50577	3.96	ng	# 41
83) Bis(2-ethylhexyl)phthalate	13.91	149	226351	24.02	ng	# 96

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

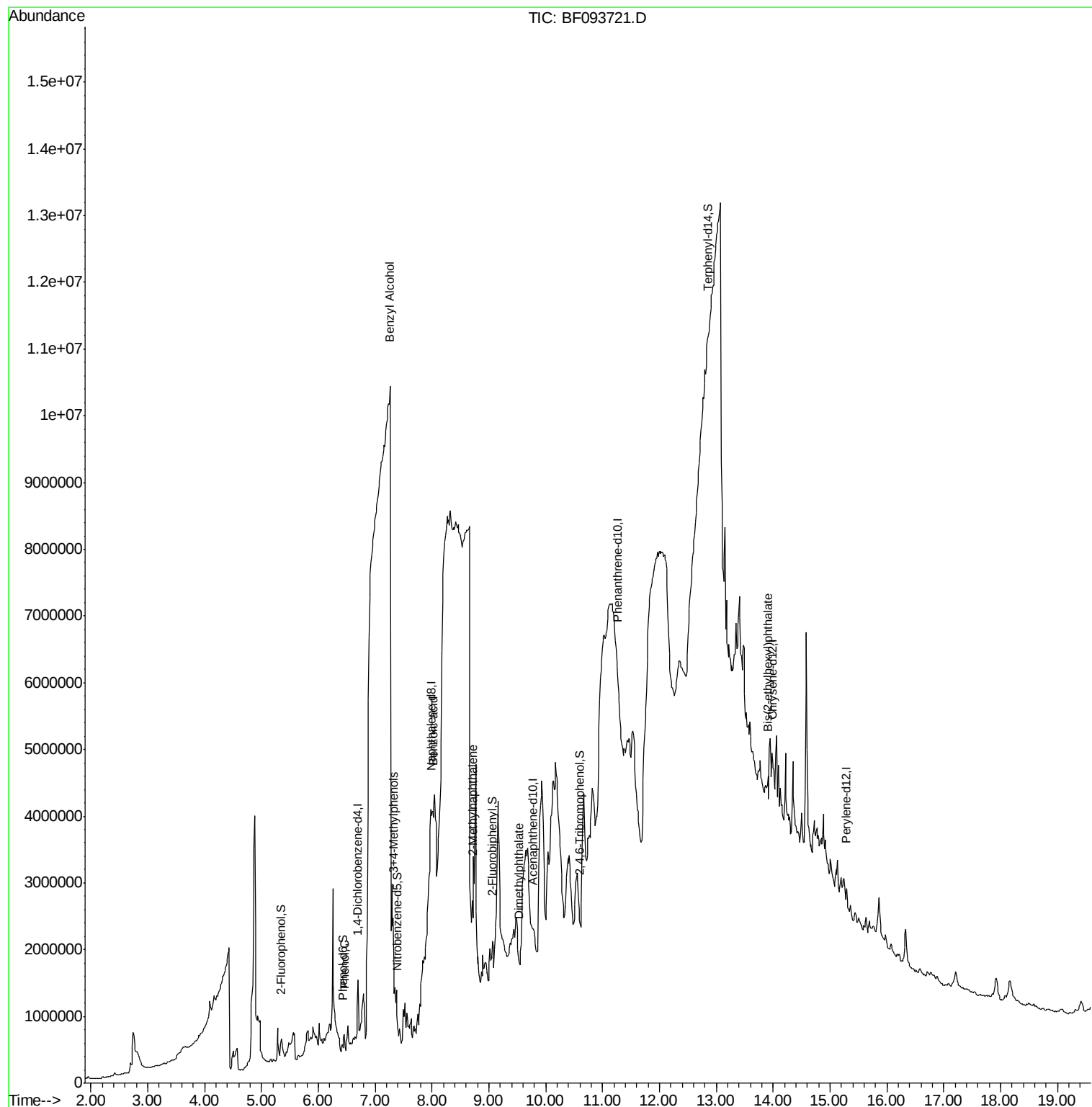
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
Data File : BF093721.D
Acq On : 16 Mar 2017 22:08
Operator : SJ/MA
Sample : I2254-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

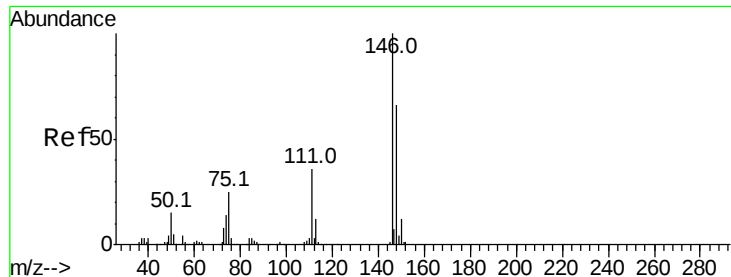
Instrument :
BNA_F
ClientSampleId :
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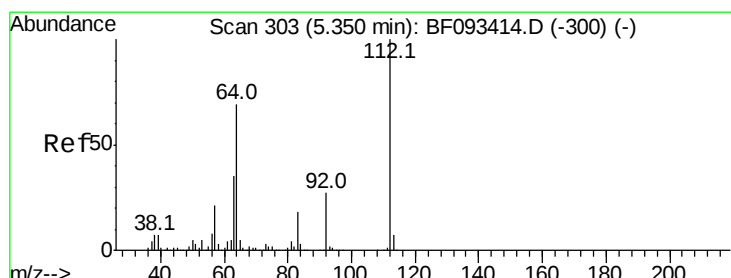
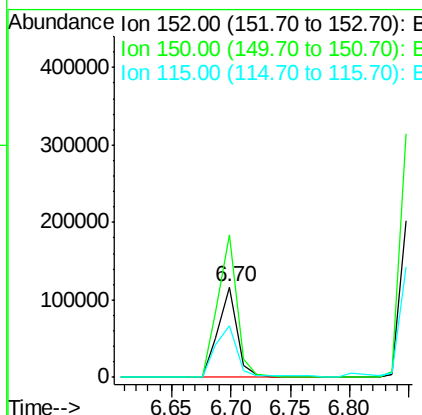
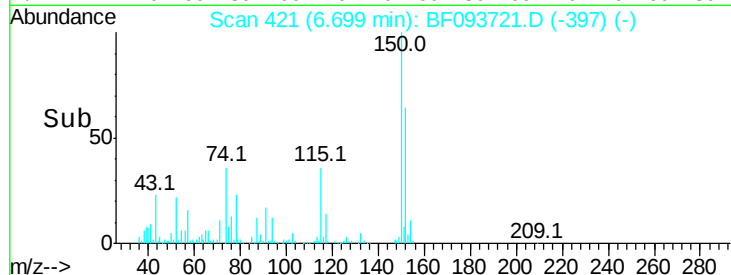
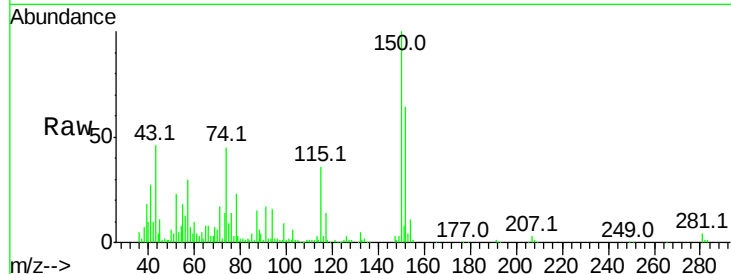
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF093721.D
Acq: 16 Mar 2017 22:08

Instrument :
BNA_F
ClientSampleId :
EW-03

Tot Ion:	152	Resp:	129337
Ion Ratio	Lower	Upper	
152	100		
150	157.4	124.9	187.3
115	57.0	46.0	69.0

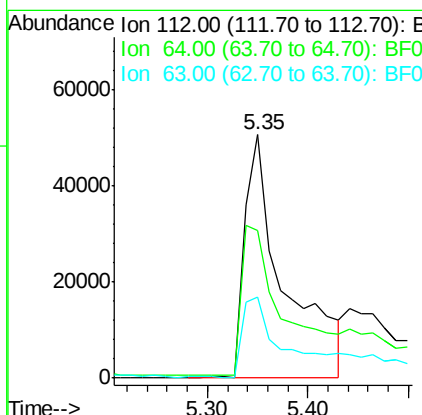
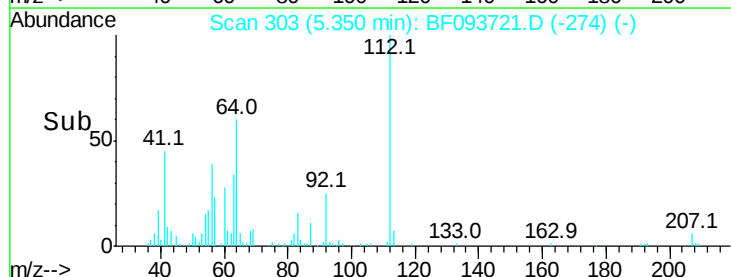
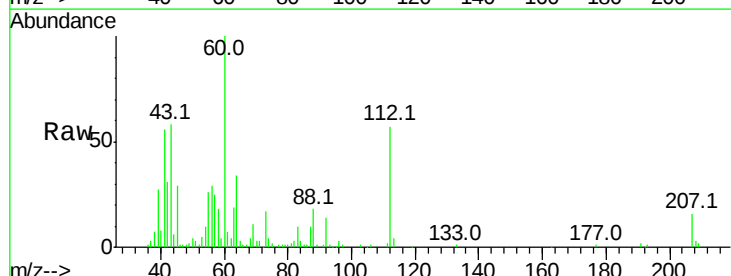
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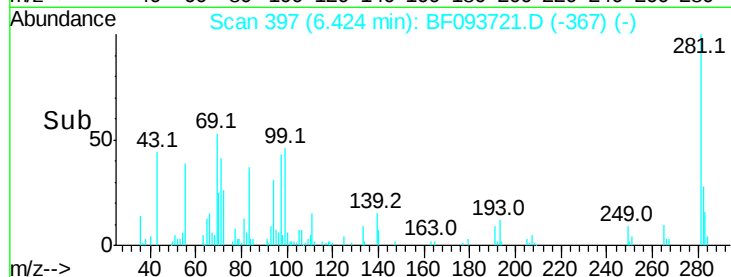
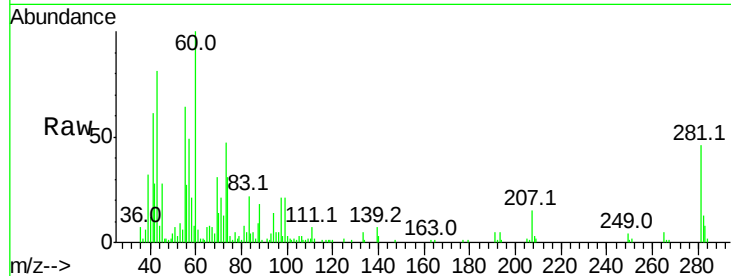
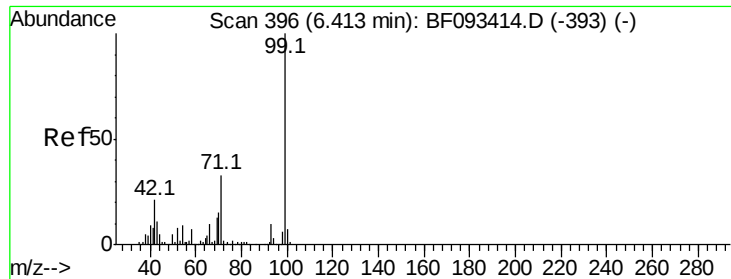
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#5
2-Fluorophenol
Concen: 17.99 ng
RT: 5.35 min Scan# 303
Delta R.T. 0.03 min
Lab File: BF093721.D
Acq: 16 Mar 2017 22:08

Tgt Ion:	112	Resp:	139820
Ion Ratio	Lower	Upper	
112	100		
64	60.9	46.1	69.1
63	33.5	23.8	35.6





#7

Phenol-d6

Concen: 2.49 ng/mL

RT: 6.42 min Scan# 397

Delta R.T. 0.05 min

Lab File: BF093721.D

Acq: 16 Mar 2017 22:08

Tot Ion:	99	Resp:	24418
Ion Ratio	Lower	Upper	
99	100		
42	132.2	15.6	23.4#
71	98.7	27.5	41.3#

Instrument :

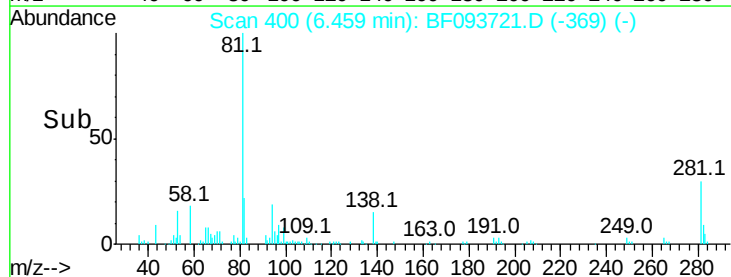
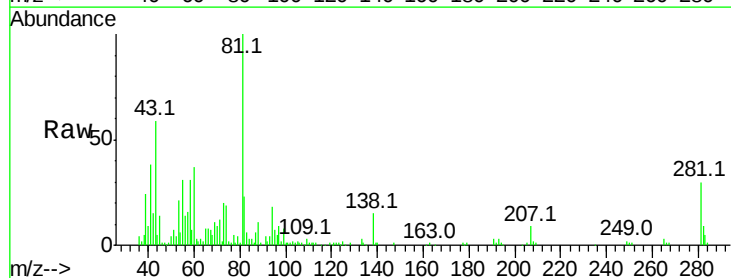
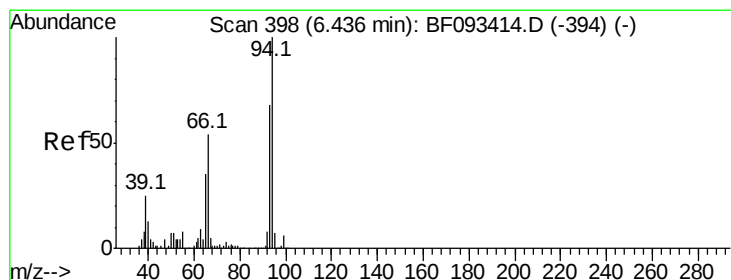
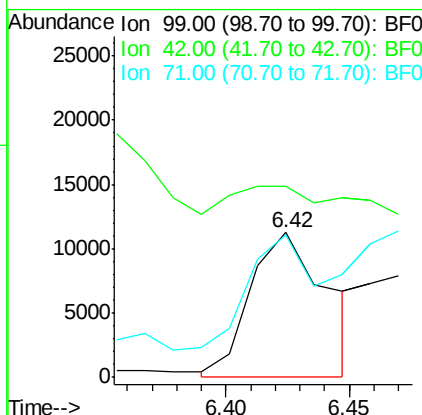
BNA_F

ClientSampled :

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#10

Phenol

Concen: 4.61 ng/mL

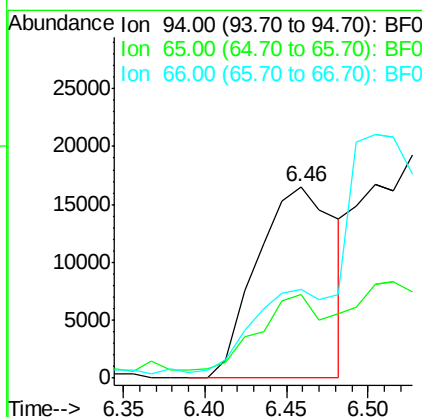
RT: 6.46 min Scan# 400

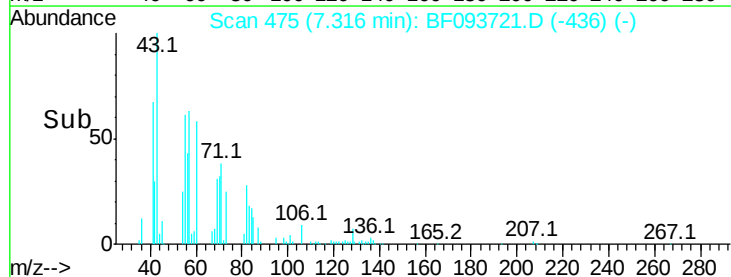
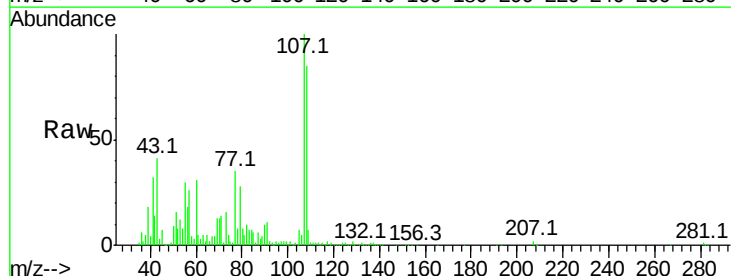
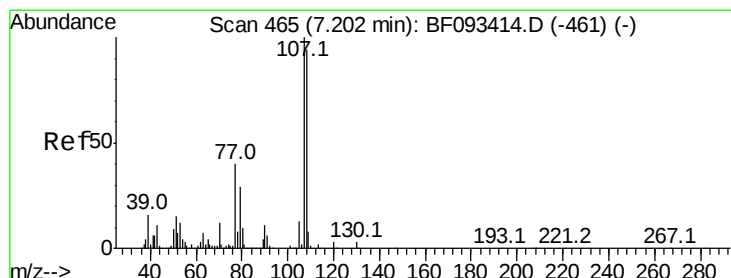
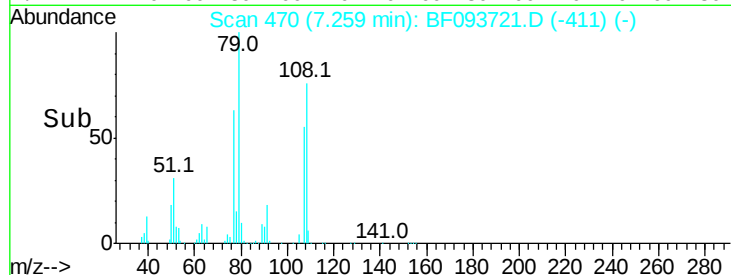
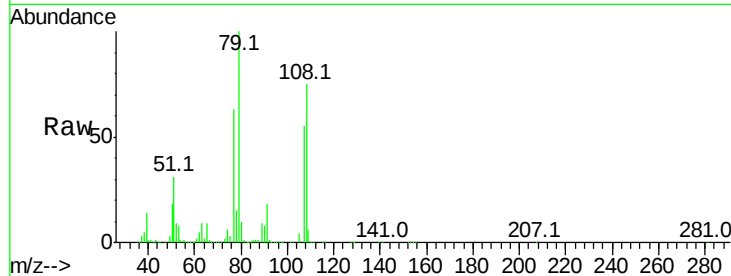
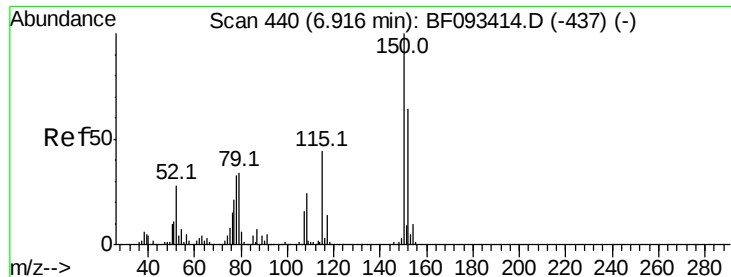
Delta R.T. 0.06 min

Lab File: BF093721.D

Acq: 16 Mar 2017 22:08

Tgt Ion:	94	Resp:	55407
Ion Ratio	Lower	Upper	
94	100		
65	43.7	21.4	61.4
66	46.1	44.0	84.0





#15

Benzyl Alcohol

Concen: 6141.31 ng/mL

RT: 7.26 min Scan# 470

Delta R.T. 0.38 min

Lab File: BF093721.D

Acq: 16 Mar 2017 22:08

Tot Ion: 79 Resp: 42901043

Ion Ratio Lower Upper

79 100

108 75.5 61.4 92.0

77 62.9 50.9 76.3

Instrument :

BNA_F

ClientSampled :

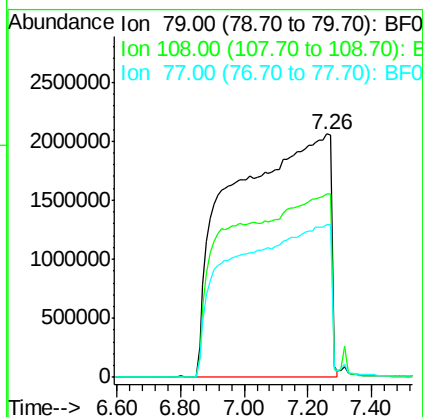
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#20

3+4-Methylphenols

Concen: 31.74 ng/mL

RT: 7.32 min Scan# 475

Delta R.T. 0.15 min

Lab File: BF093721.D

Acq: 16 Mar 2017 22:08

Tgt Ion: 107 Resp: 303195

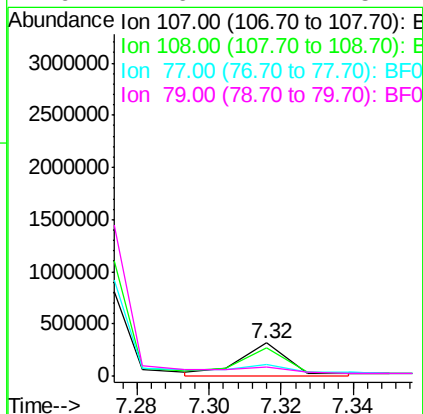
Ion Ratio Lower Upper

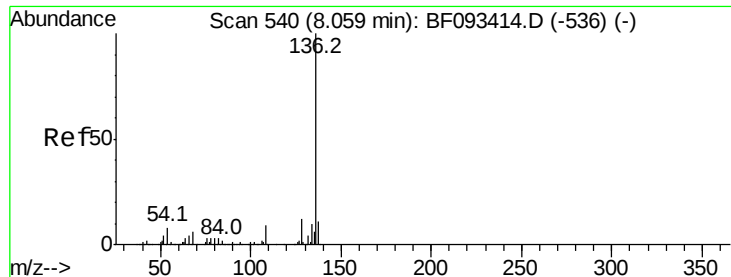
107 100

108 84.9 73.0 113.0

77 34.7 71.3 111.3#

79 27.6 11.1 51.1





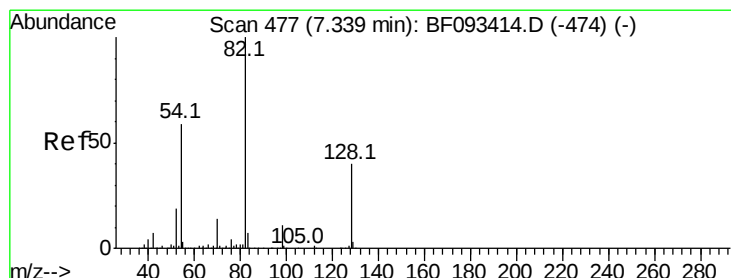
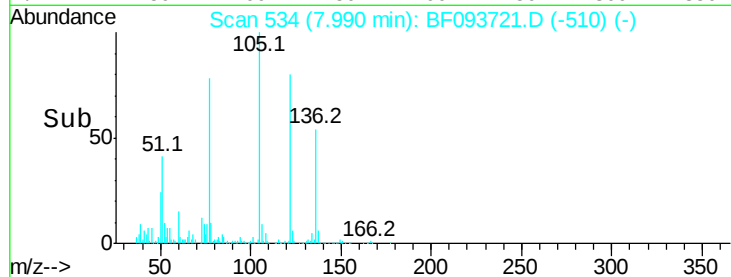
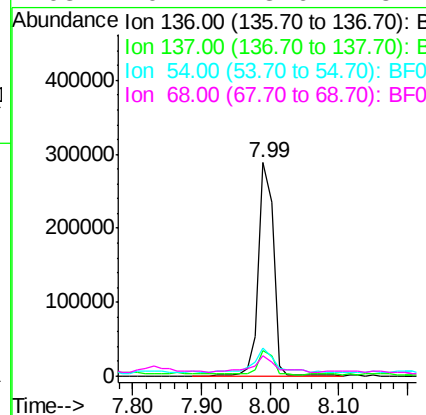
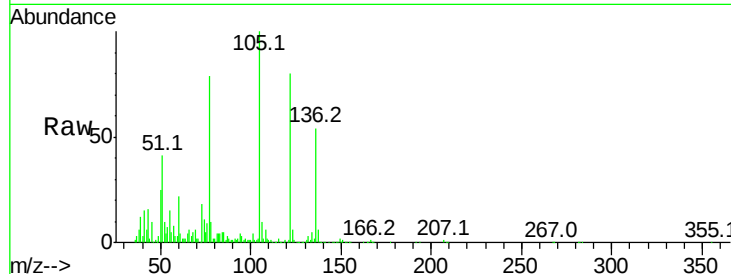
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF093721.D
Acq: 16 Mar 2017 22:08

Instrument :
BNA_F
ClientSampled :
EW-03

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	8.4	12.6	
54	13.5	4.5	6.7	
68	9.7	3.6	5.4	

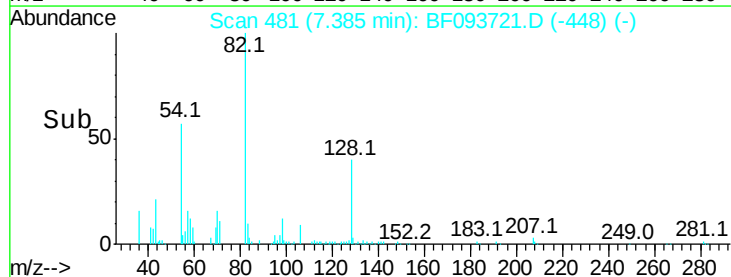
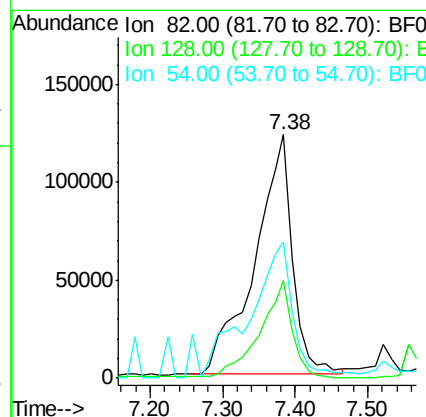
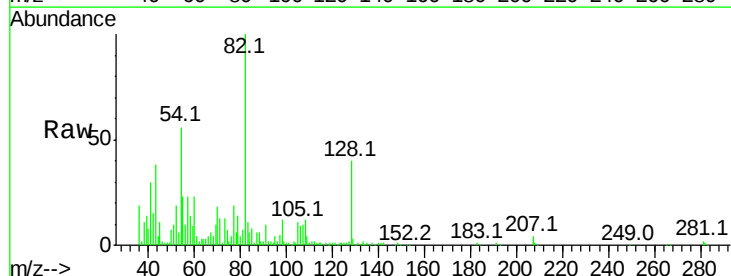
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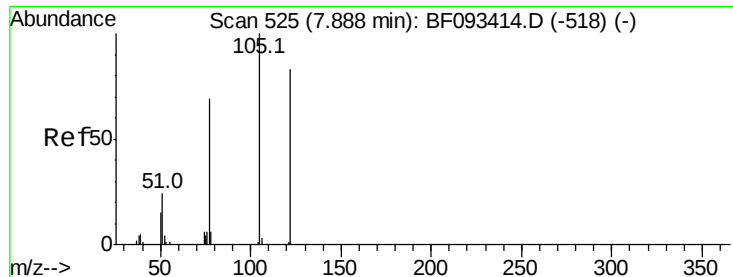
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#23
Nitrobenzene-d5
Concen: 58.65 ng
RT: 7.38 min Scan# 481
Delta R.T. 0.08 min
Lab File: BF093721.D
Acq: 16 Mar 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.2	34.6	52.0	
54	55.9	39.5	59.3	





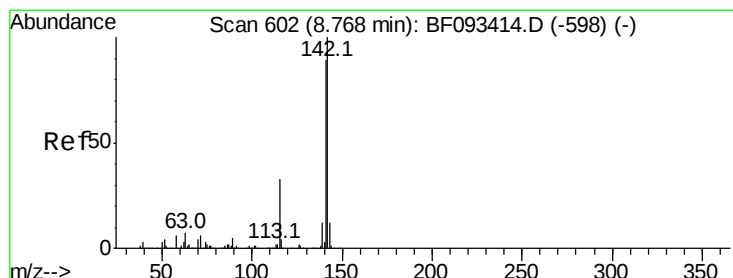
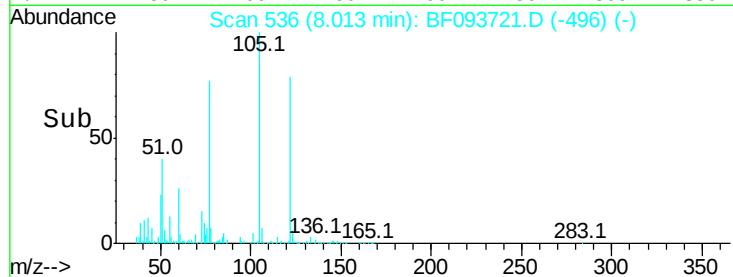
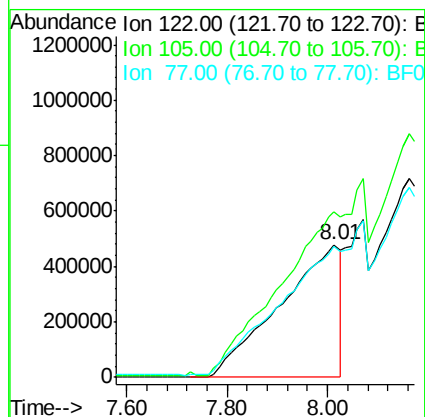
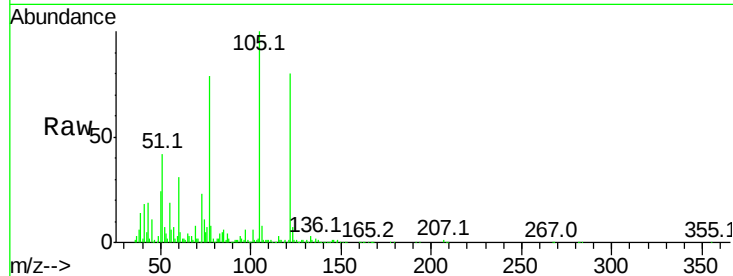
#32
Benzoic acid
Concen: 1208.53 ng
RT: 8.01 min Scan# 536
Delta R.T. 0.16 min
Lab File: BF093721.D
Acq: 16 Mar 2017 22:08

Instrument :
BNA_F
ClientSampleId :
EW-03

Tot Ion:122 Resp: 3983786
Ion Ratio Lower Upper
122 100
105 125.3 107.2 147.2
77 98.9 74.5 114.5

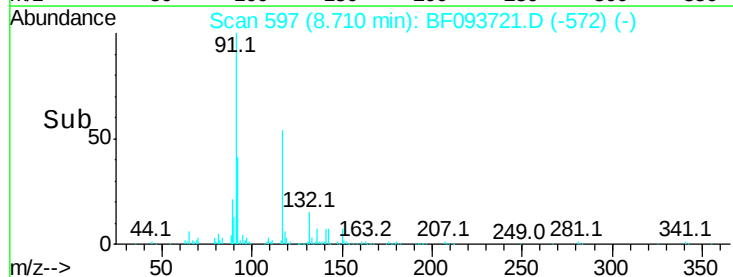
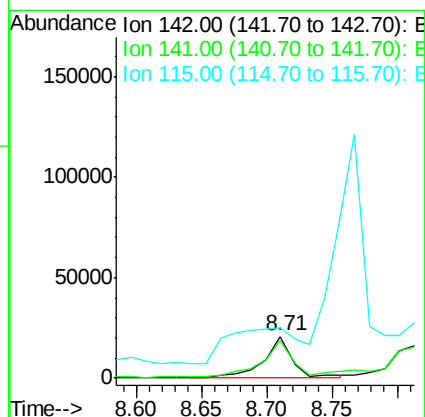
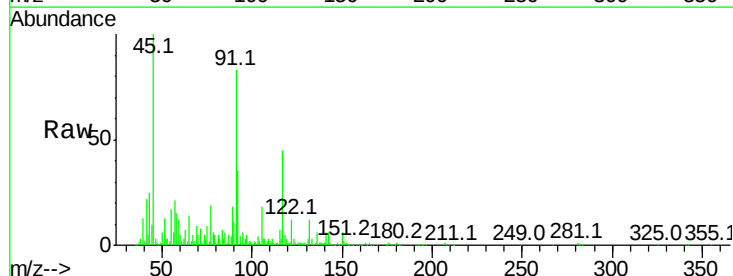
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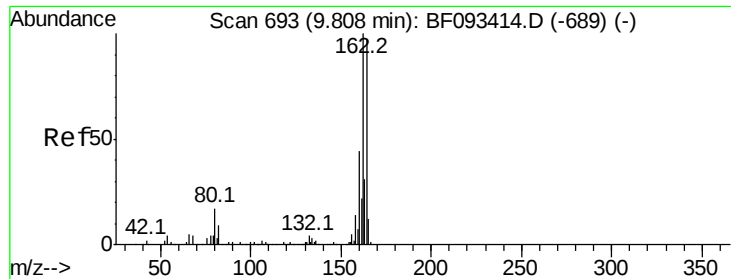
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#37
2-Methylnaphthalene
Concen: 2.39 ng
RT: 8.71 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF093721.D
Acq: 16 Mar 2017 22:08

Tgt Ion:142 Resp: 32158
Ion Ratio Lower Upper
142 100
141 92.0 71.0 106.6
115 121.9 28.3 42.5#





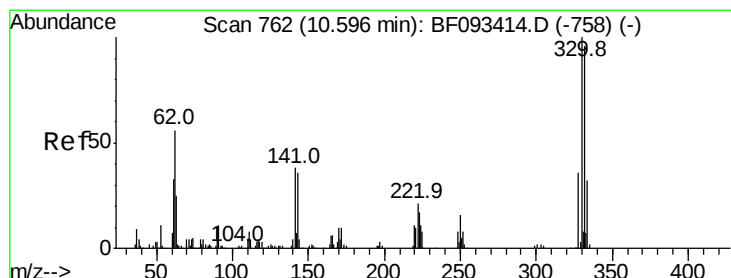
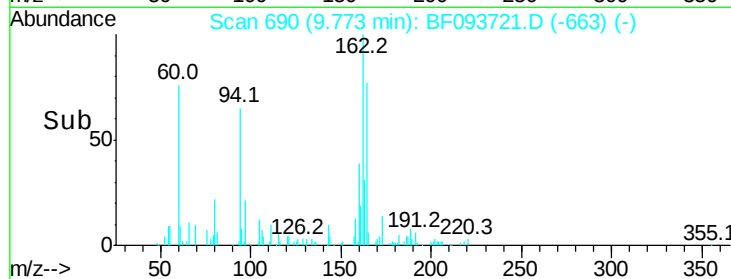
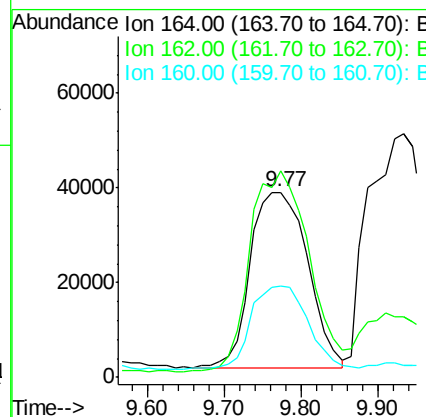
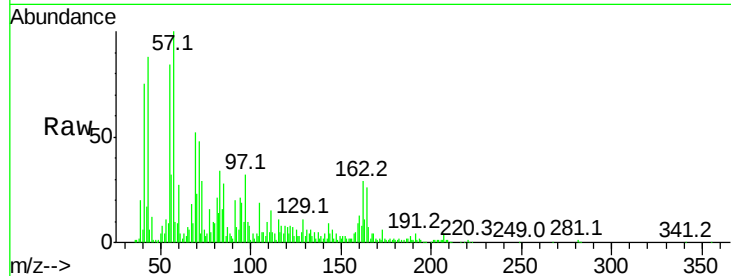
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF093721.D
Acq: 16 Mar 2017 22:08

Instrument :
BNA_F
ClientSampleId :
EW-03

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	111.9	80.2	120.2	
160	49.6	36.9	55.3	

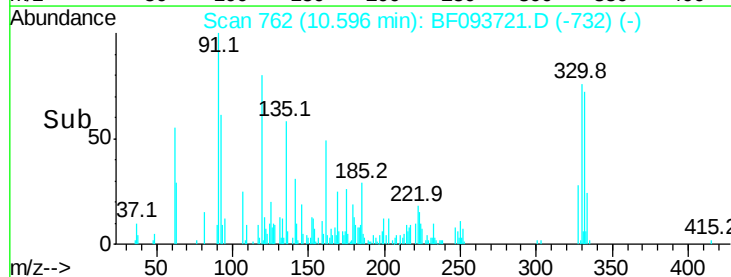
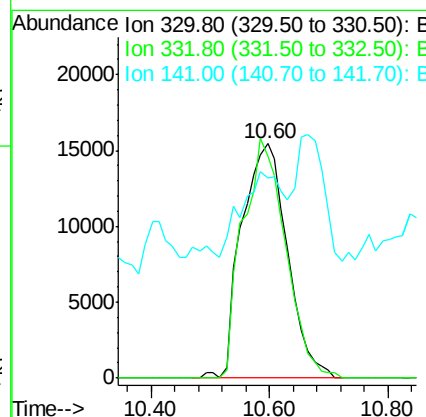
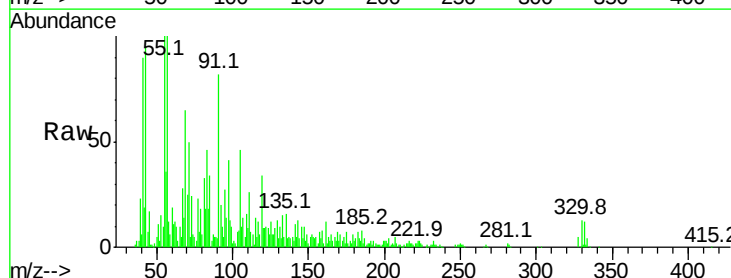
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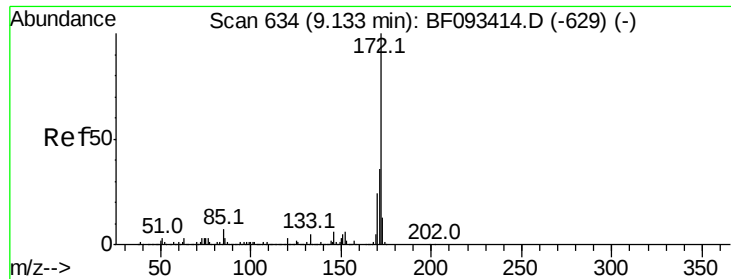
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#41
2,4,6-Tribromophenol
Concen: 65.76 ng
RT: 10.60 min Scan# 762
Delta R.T. 0.05 min
Lab File: BF093721.D
Acq: 16 Mar 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.4	116.2	
141	35.3	34.1	51.1	





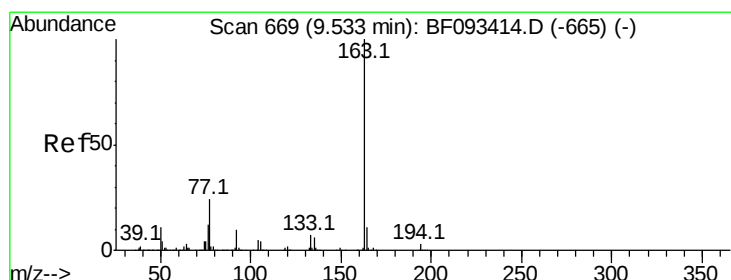
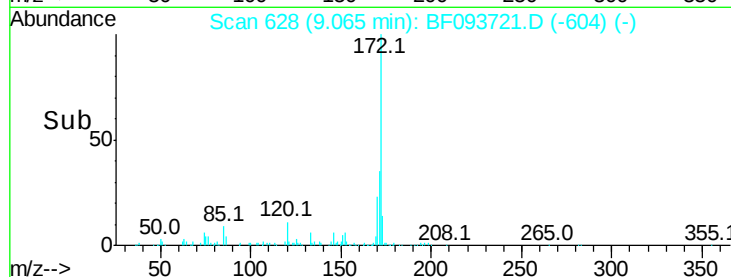
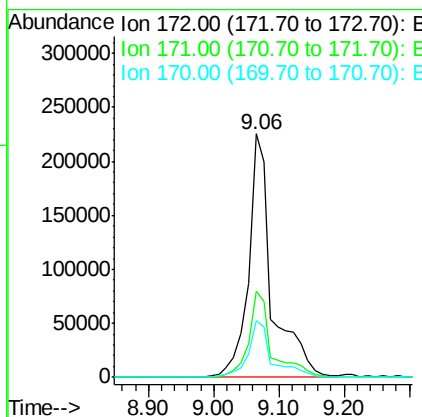
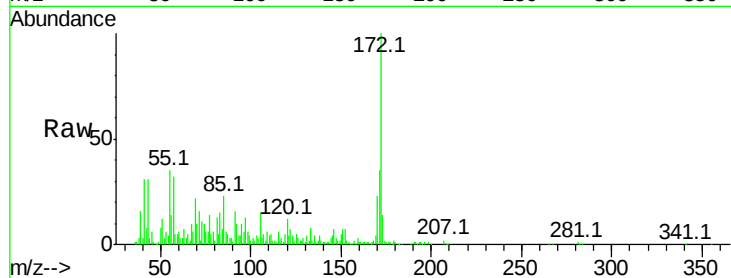
#44
2-Fluorobiphenyl
Concen: 54.77 ng
RT: 9.06 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF093721.D
Acq: 16 Mar 2017 22:08

Instrument :
BNA_F
ClientSampleId :
EW-03

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.4	44.0	
170	23.1	20.2	30.4	

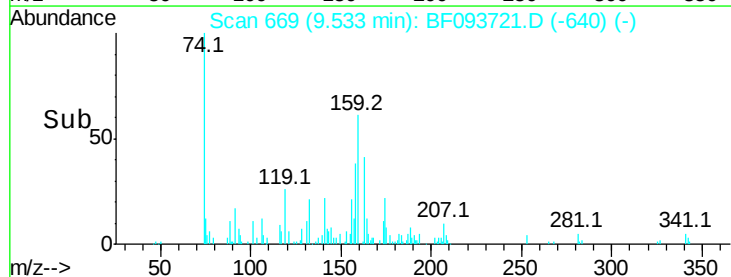
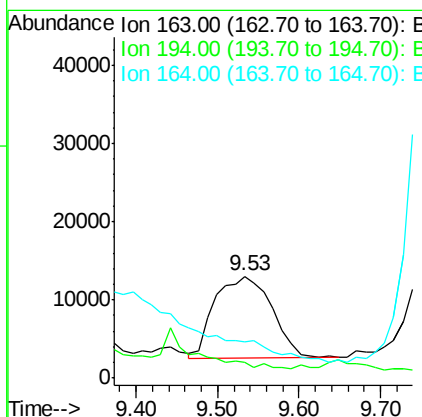
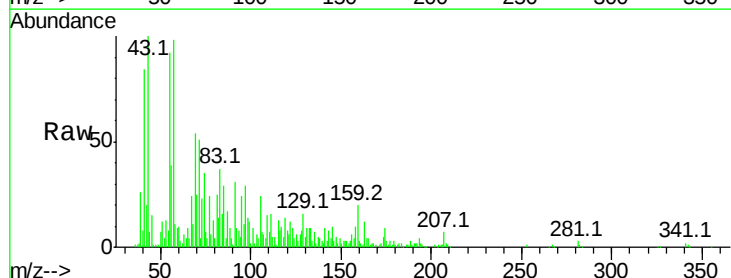
Manual Integrations
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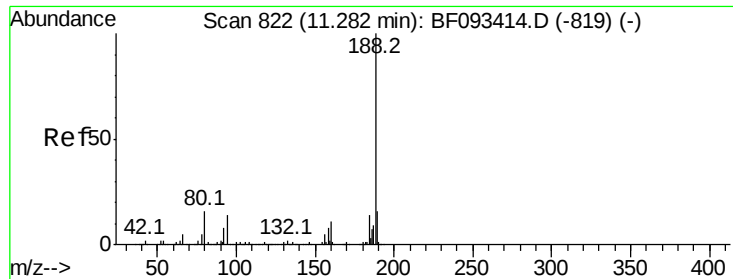
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#49
Dimethylphthalate
Concen: 3.96 ng
RT: 9.53 min Scan# 669
Delta R.T. 0.03 min
Lab File: BF093721.D
Acq: 16 Mar 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	15.6	3.0	4.4#	
164	35.1	8.0	12.0#	





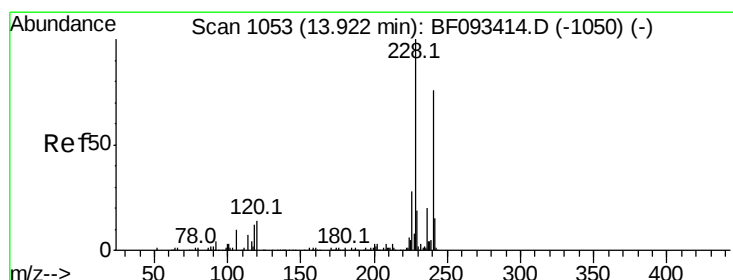
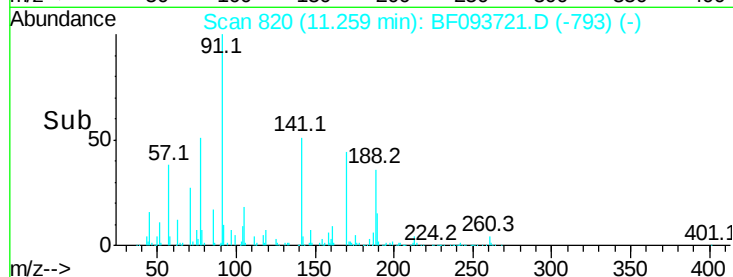
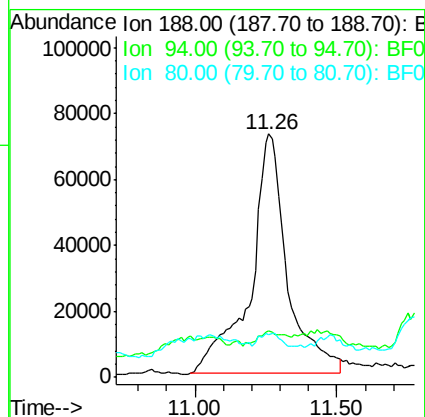
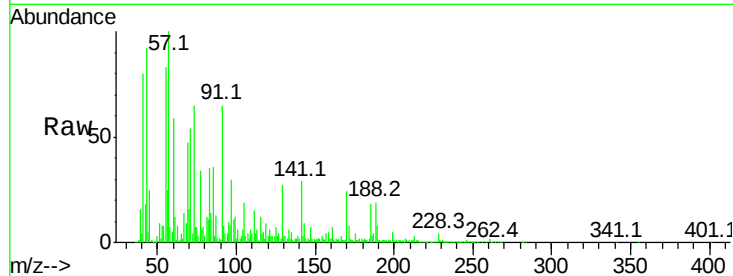
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF093721.D
Acq: 16 Mar 2017 22:08

Instrument :
BNA_F
ClientSampled :
EW-03

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	18.9	10.0	15.0#	
80	17.6	11.2	16.8#	

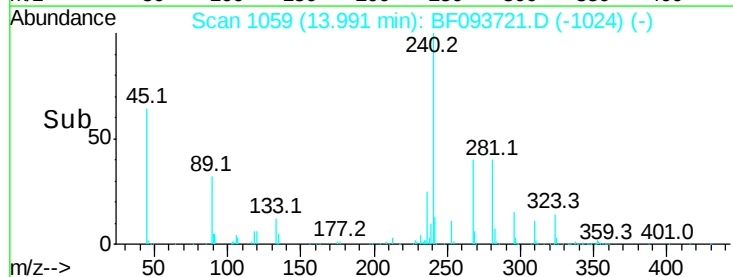
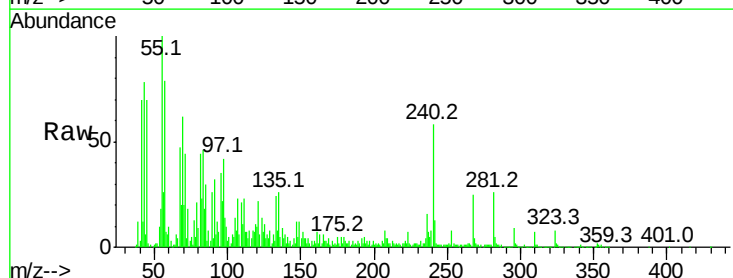
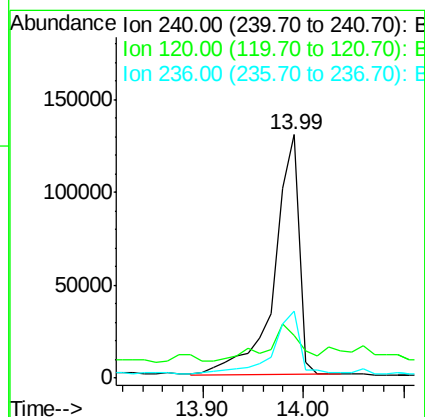
Manual Integrations
APPROVED

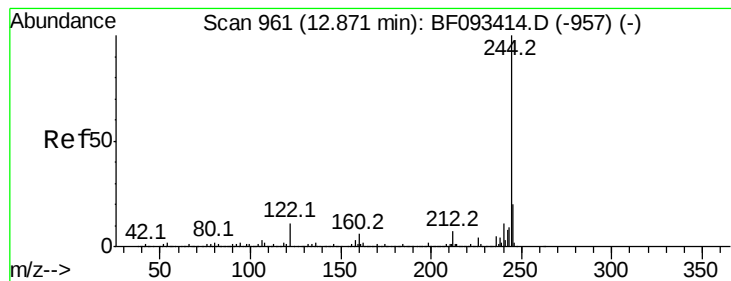
mohammad
3/27/2017 1:18:52 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1059
Delta R.T. 0.10 min
Lab File: BF093721.D
Acq: 16 Mar 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	17.7	12.9	19.3	
236	27.6	20.9	31.3	





#78

Terphenyl-d14

Concen: 4.82 ng

RT: 12.86 min Scan# 960

Delta R.T. 0.03 min

Lab File: BF093721.D

Acq: 16 Mar 2017 22:08

Instrument :

BNA_F

ClientSampleId :

EW-03

Tot Ion:244 Resp: 40942

Ion Ratio Lower Upper

244 100

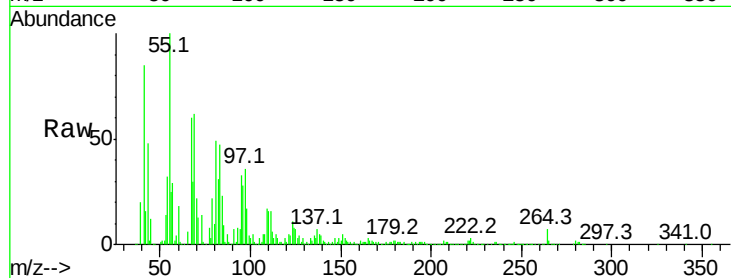
212 20.7 6.2 9.2#

122 795.3 11.4 17.2#

Manual Integrations
APPROVED

mohammad

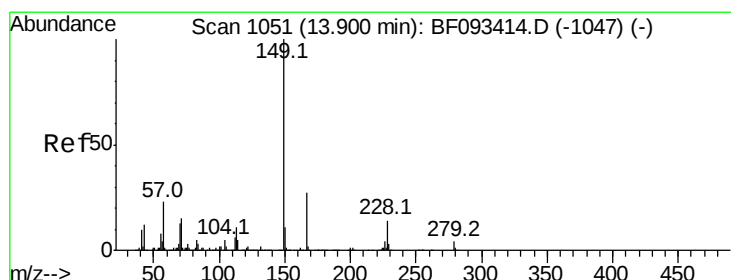
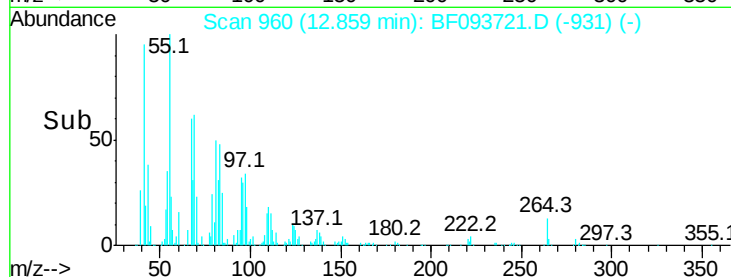
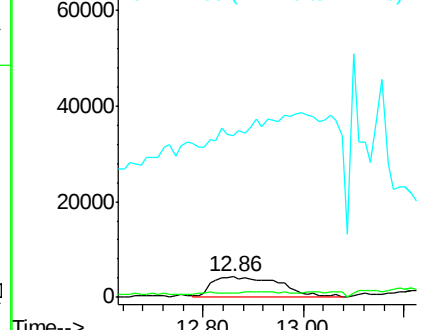
3/27/2017 1:18:52 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 24.02 ng

RT: 13.91 min Scan# 1052

Delta R.T. 0.06 min

Lab File: BF093721.D

Acq: 16 Mar 2017 22:08

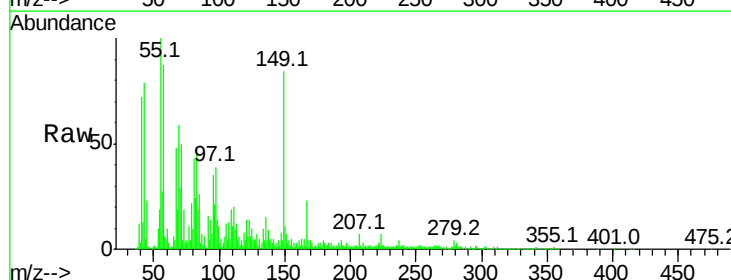
Tgt Ion:149 Resp: 226351

Ion Ratio Lower Upper

149 100

167 27.2 20.2 30.4

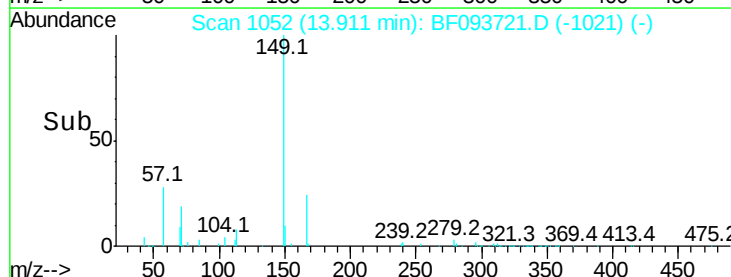
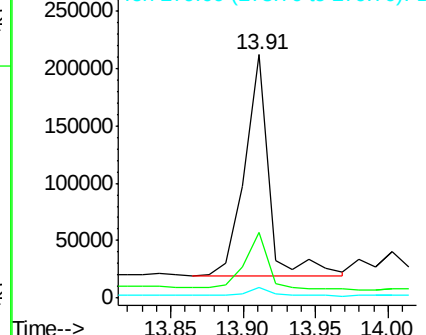
279 4.5 1.8 2.8#

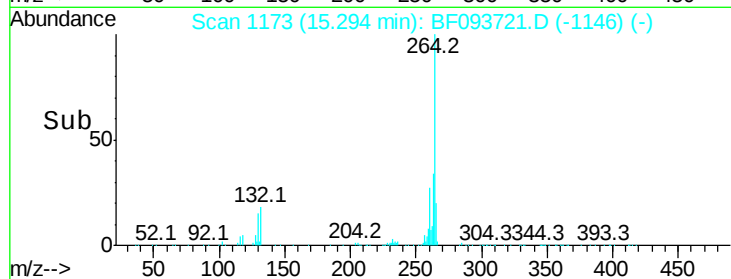
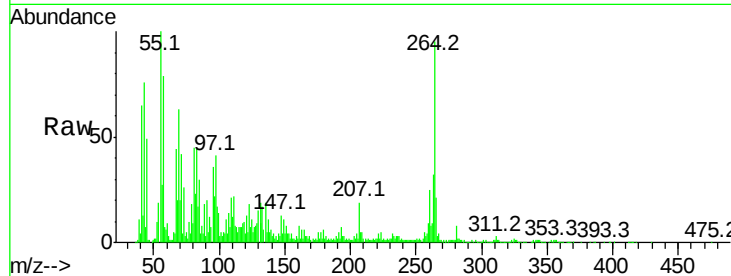
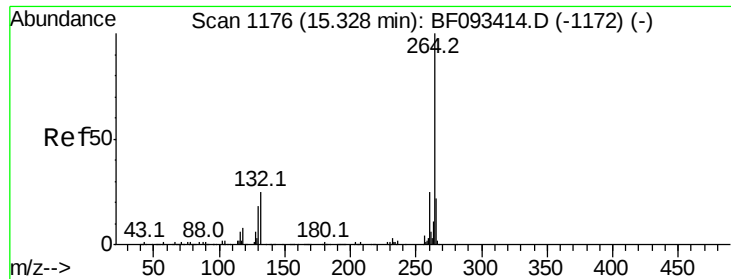


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093721.D
Acq: 16 Mar 2017 22:08

Instrument :
BNA_F
ClientSampleId :
EW-03

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	26.5	19.2	28.8
265	22.6	17.4	26.0

Manual Integrations
APPROVED

mohammad
3/27/2017 1:18:52 PM

