

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093722.D
 Acq On : 16 Mar 2017 22:35
 Operator : SJ/MA
 Sample : I2254-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EW-01

Manual Integrations
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Quant Time: Mar 20 16:00:54 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	137936	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	551670	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	179689	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	405501	20.00	ng	0.00
75) Chrysene-d12	13.92	240	327175	20.00	ng	0.03
86) Perylene-d12	15.31	264	242985	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	409672	49.43	ng	0.05
7) Phenol-d6	6.46	99	262871	25.15	ng	0.08
23) Nitrobenzene-d5	7.29	82	707203	71.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	140656	120.15	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	891584	92.29	ng	0.00
78) Terphenyl-d14	12.86	244	427042	33.94	ng	0.03
Target Compounds						
9) Benzaldehyde	6.25	77	134990	16.91	ng	Qvalue 89
10) Phenol	6.47	94	549861m	42.94	ng	
15) Benzyl Alcohol	7.06	79	22822927m	3063.44	ng	
20) 3+4-Methylphenols	7.24	107	1323081m	129.89	ng	
32) Benzoic acid	7.92	122	533823	123.86	ng	# 86
42) 2,4,6-Trichlorophenol	9.06	196	23565	7.69	ng	93
49) Dimethylphthalate	9.54	163	111196	9.33	ng	# 78
83) Bis(2-ethylhexyl)phthalate	13.87	149	175455	12.57	ng	# 98

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

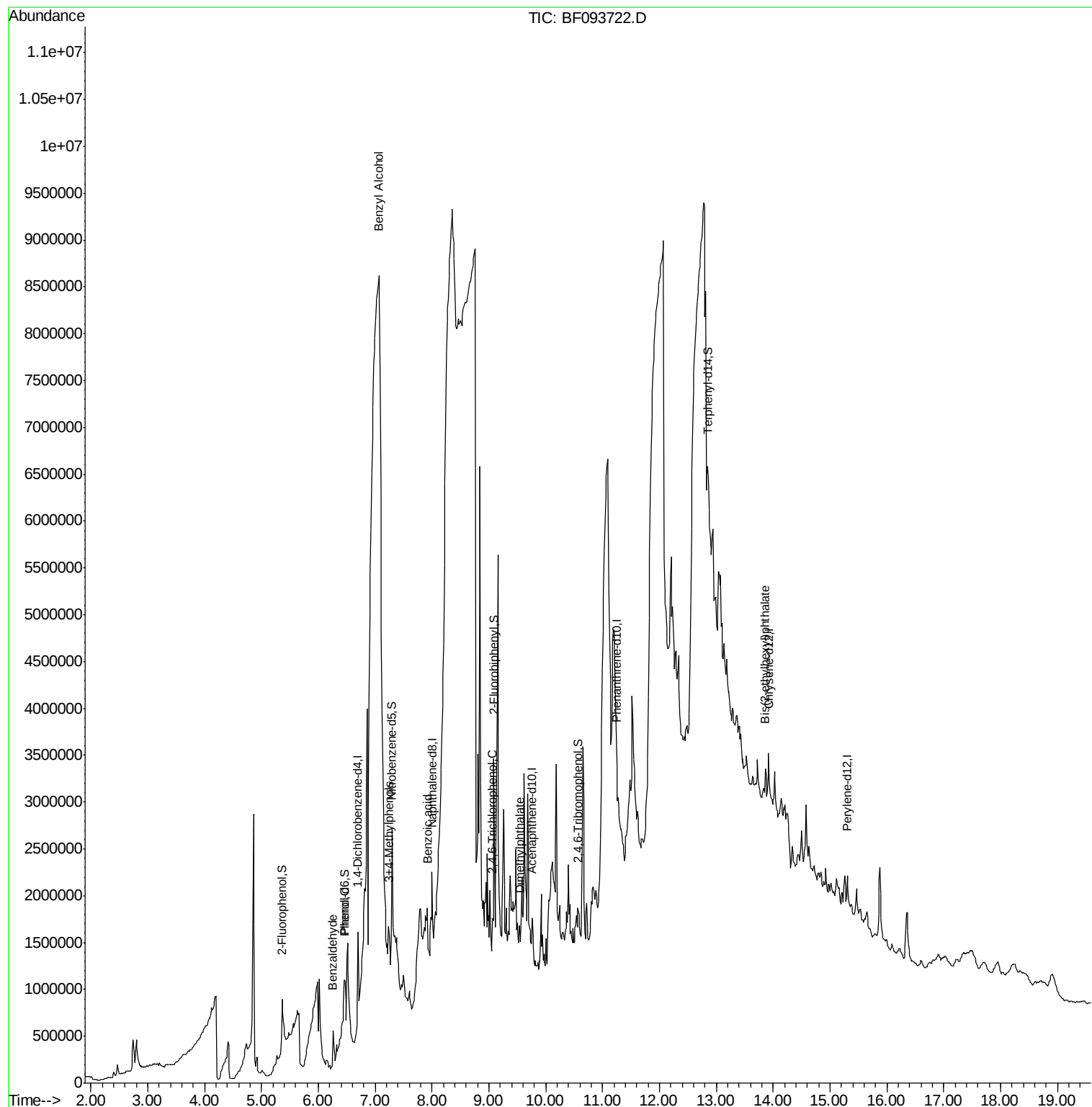
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
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ALS Vial : 21 Sample Multiplier: 1

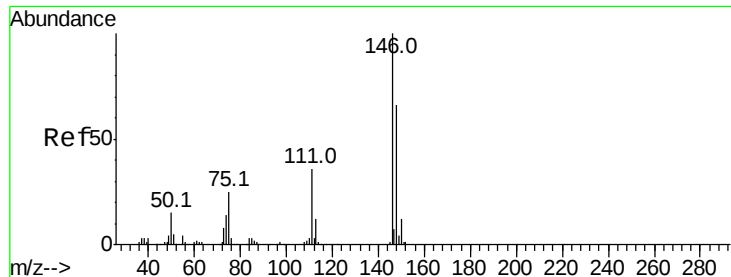
Instrument :
BNA_F
ClientSampleId :
EW-01

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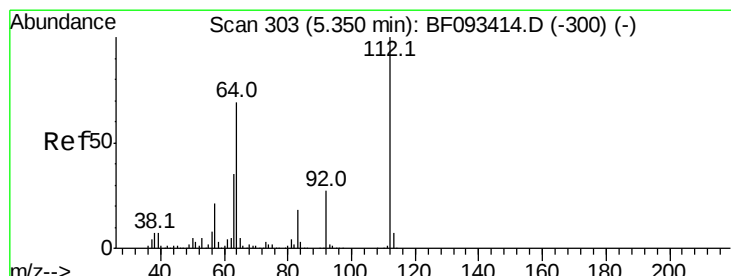
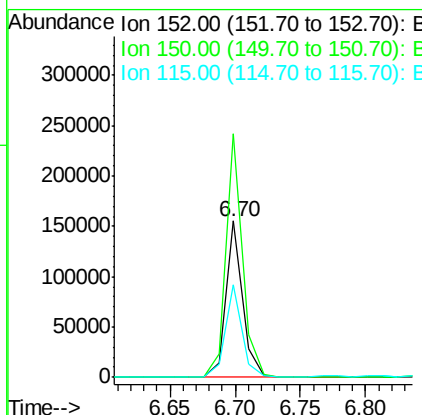
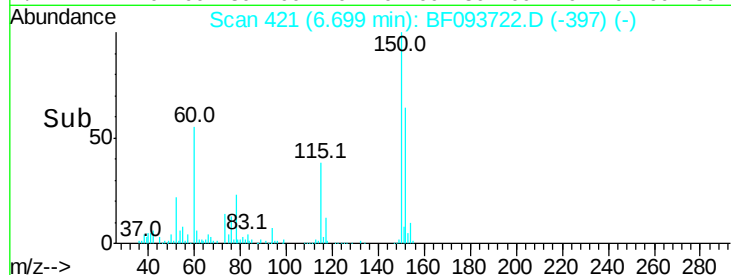
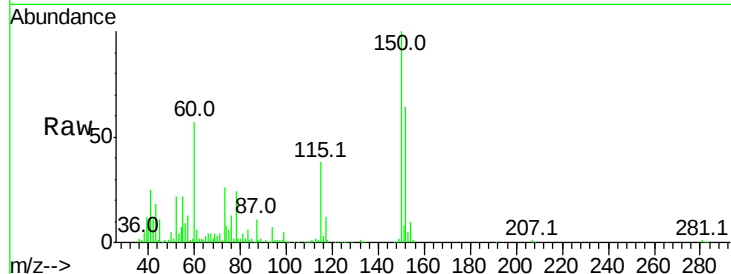
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF093722.D
 Acq: 16 Mar 2017 22:35

Instrument :
 BNA_F
 ClientSampleId :
 EW-01

Tot Ion:	152	Resp:	137936
Ion Ratio	Lower	Upper	
152	100		
150	155.9	124.9	187.3
115	59.4	46.0	69.0

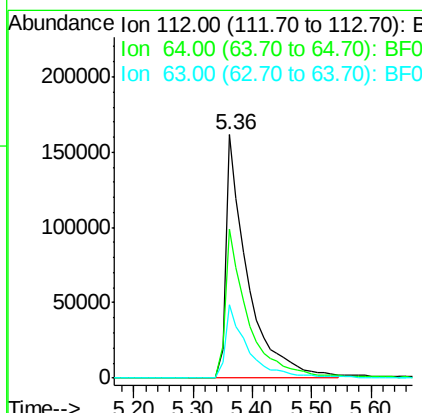
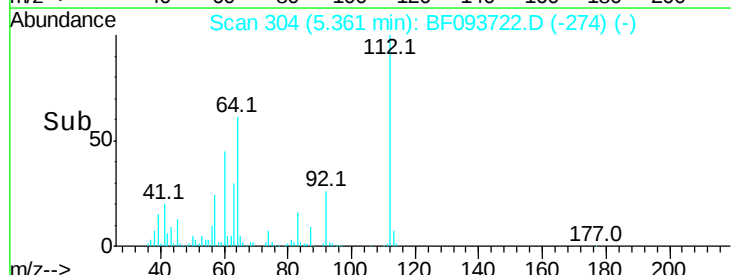
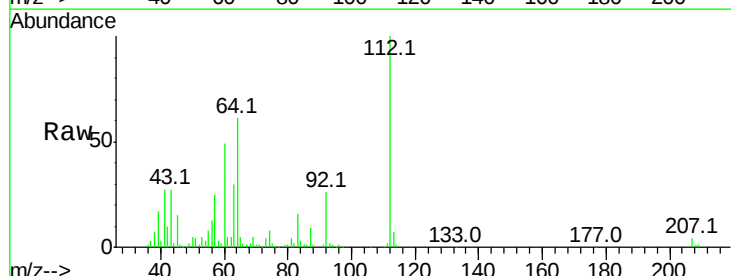
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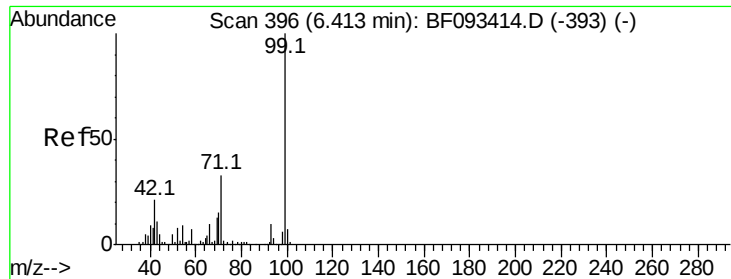
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#5
 2-Fluorophenol
 Concen: 49.43 ng
 RT: 5.36 min Scan# 304
 Delta R.T. 0.05 min
 Lab File: BF093722.D
 Acq: 16 Mar 2017 22:35

Tgt Ion:	112	Resp:	409672
Ion Ratio	Lower	Upper	
112	100		
64	61.1	46.1	69.1
63	30.1	23.8	35.6





#7

Phenol-d6

Concen: 25.15 ng

RT: 6.46 min Scan# 400

Delta R.T. 0.08 min

Lab File: BF093722.D

Acq: 16 Mar 2017 22:35

Instrument :

BNA_F

ClientSampled :

EW-01

Tot Ion: 99 Resp: 262871

Ion Ratio Lower Upper

99 100

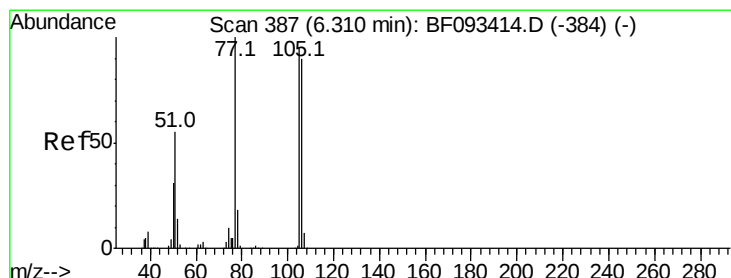
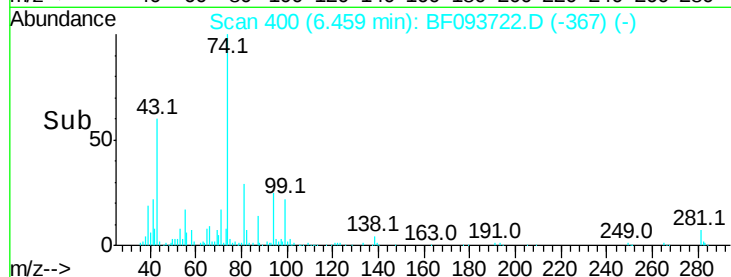
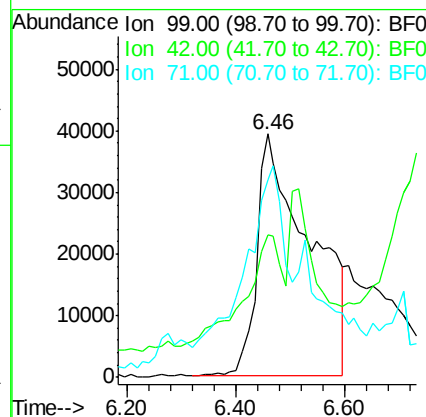
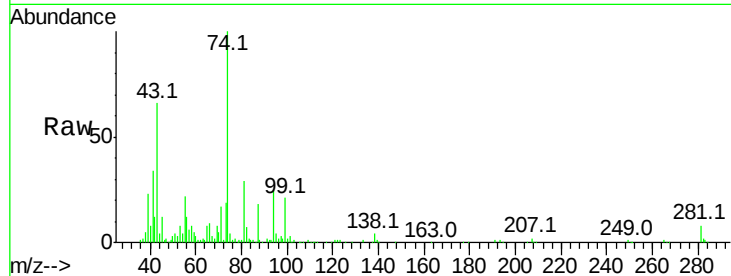
42 58.4 15.6 23.4#

71 81.1 27.5 41.3#

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#9

Benzaldehyde

Concen: 16.91 ng

RT: 6.25 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF093722.D

Acq: 16 Mar 2017 22:35

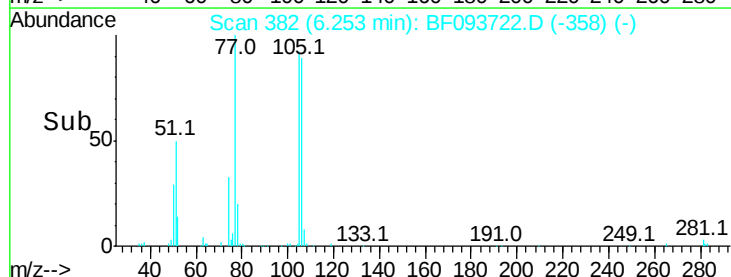
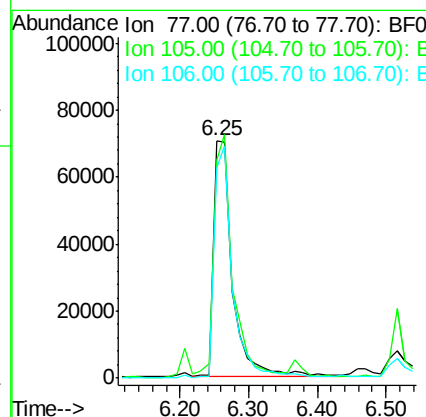
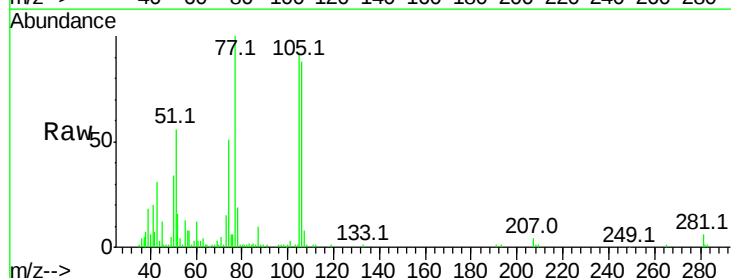
Tgt Ion: 77 Resp: 134990

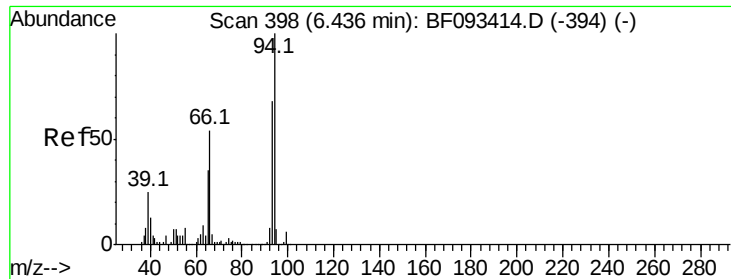
Ion Ratio Lower Upper

77 100

105 91.8 83.9 123.9

106 88.5 77.6 117.6





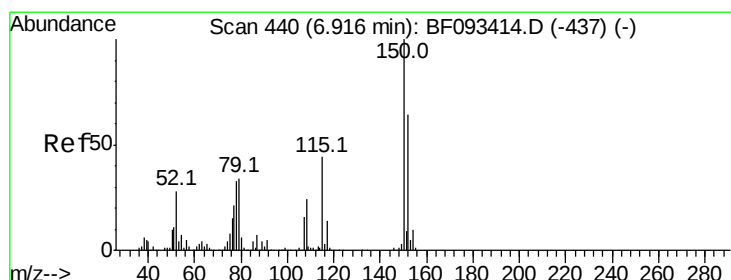
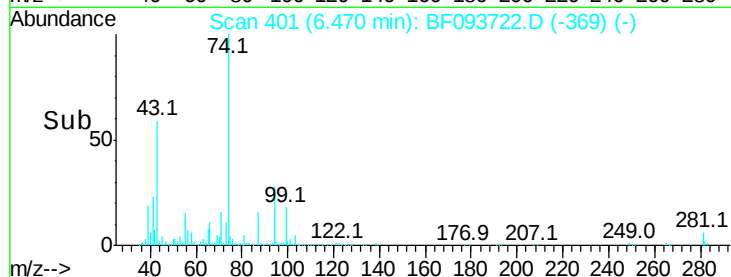
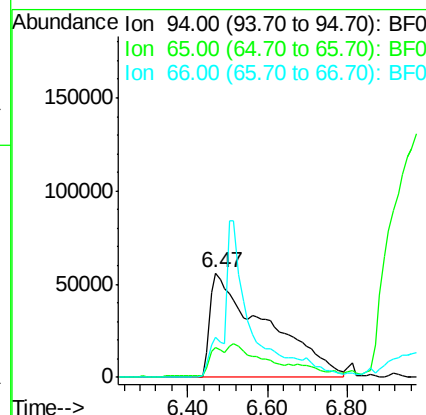
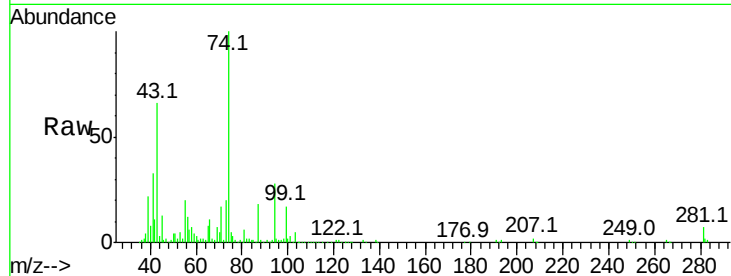
#10
Phenol
Concen: 42.94 ng m
RT: 6.47 min Scan# 401
Delta R.T. 0.07 min
Lab File: BF093722.D
Acq: 16 Mar 2017 22:35

Instrument :
BNA_F
ClientSampled :
EW-01

Tot Ion	Ion	Ratio	Lower	Upper
94	100			
65	28.0	21.4	61.4	
66	38.7	44.0	84.0	

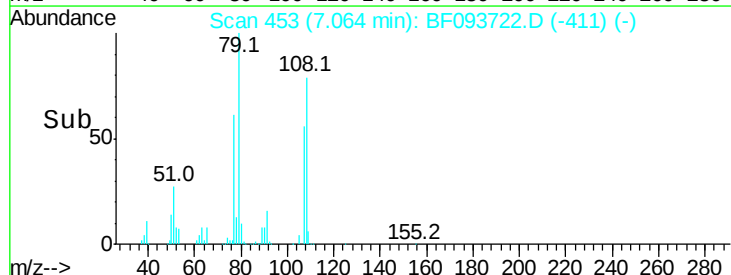
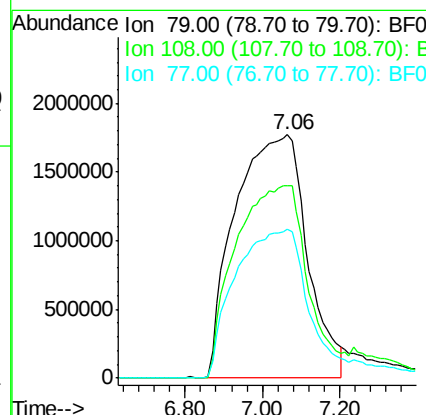
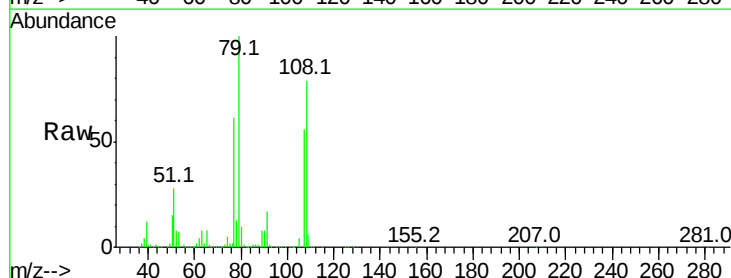
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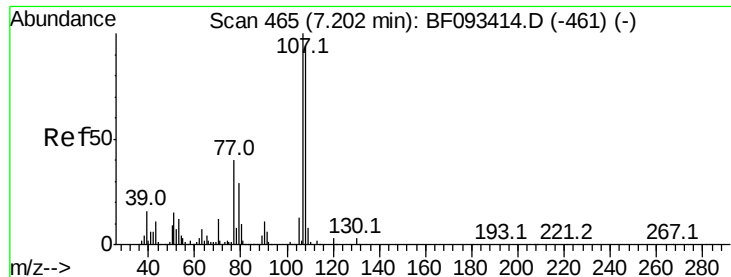
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#15
Benzyl Alcohol
Concen: 3063.44 ng m
RT: 7.06 min Scan# 453
Delta R.T. 0.18 min
Lab File: BF093722.D
Acq: 16 Mar 2017 22:35

Tgt Ion	Ion	Ratio	Lower	Upper
79	100			
108	78.8	61.4	92.0	
77	61.1	50.9	76.3	





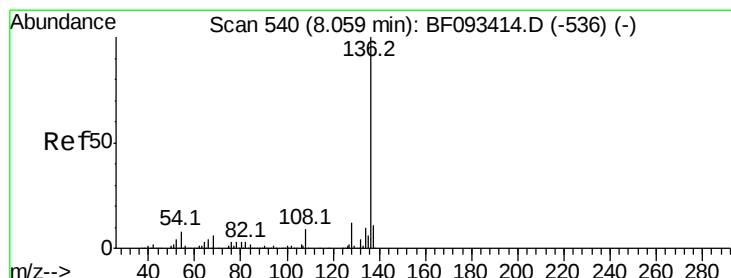
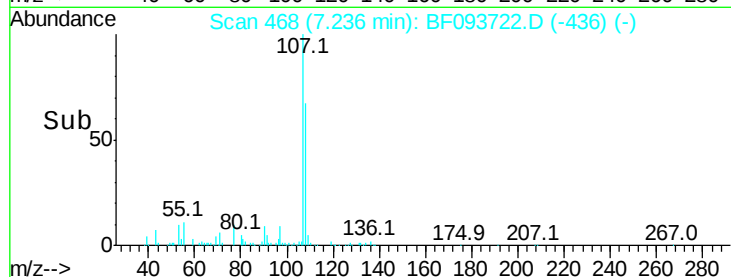
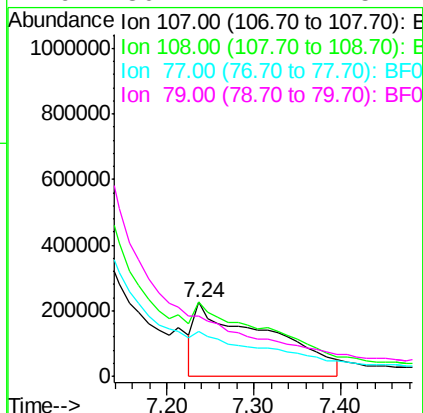
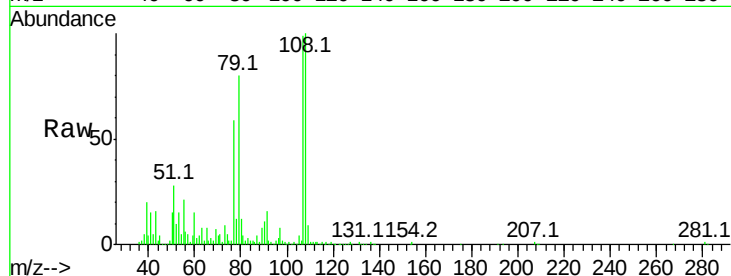
#20
3+4-Methylphenols
Concen: 129.89 ng/mL
RT: 7.24 min Scan# 468
Delta R.T. 0.07 min
Lab File: BF093722.D
Acq: 16 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
EW-01

Tot Ion	Ratio	Lower	Upper
107	100		
108	100.9	73.0	113.0
77	59.8	71.3	111.3#
79	80.7	11.1	51.1#

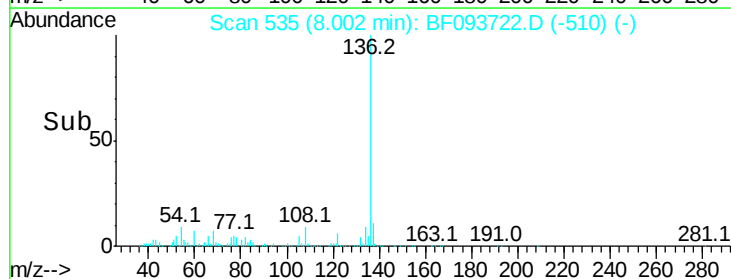
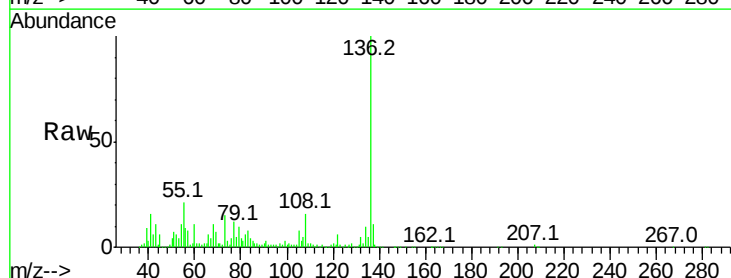
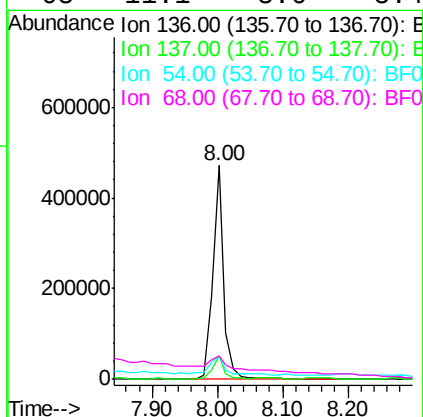
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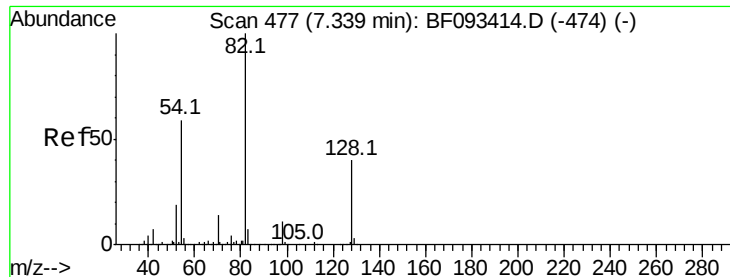
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093722.D
Acq: 16 Mar 2017 22:35

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	11.1	4.5	6.7#
68	11.1	3.6	5.4#





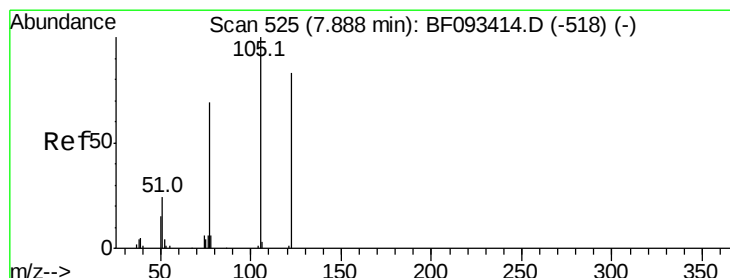
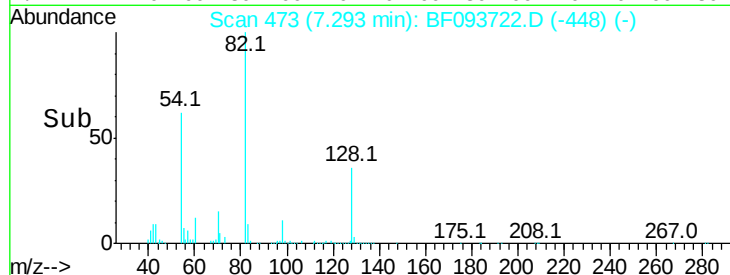
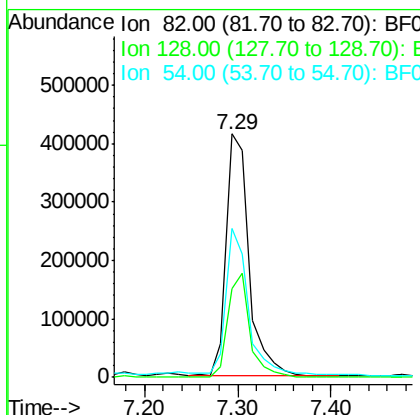
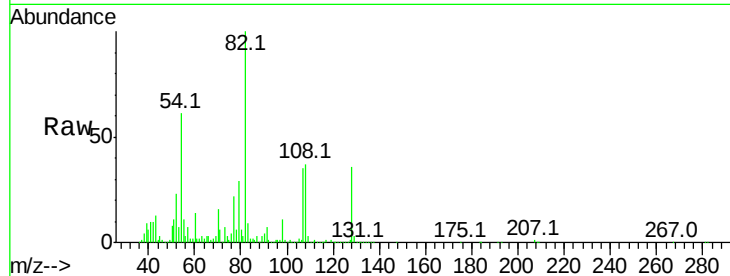
#23
Nitrobenzene-d5
Concen: 71.13 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093722.D
Acq: 16 Mar 2017 22:35

Instrument :
BNA_F
ClientSampled :
EW-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.4	34.6	52.0
54	61.4	39.5	59.3

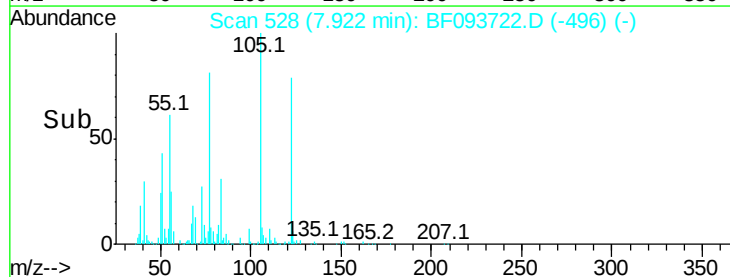
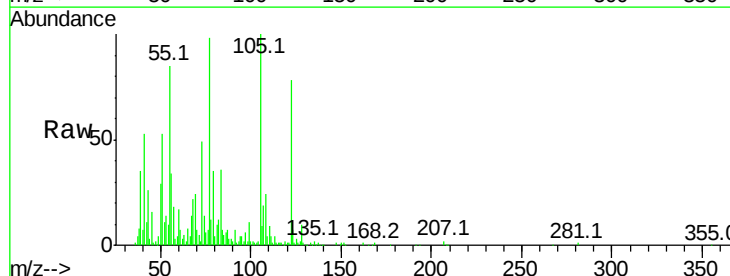
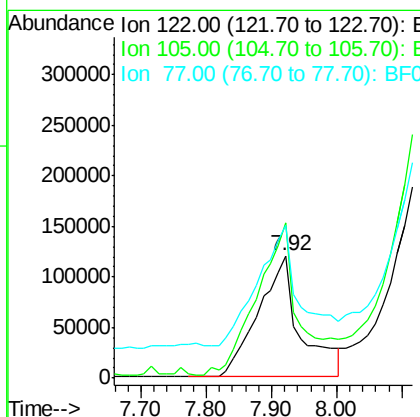
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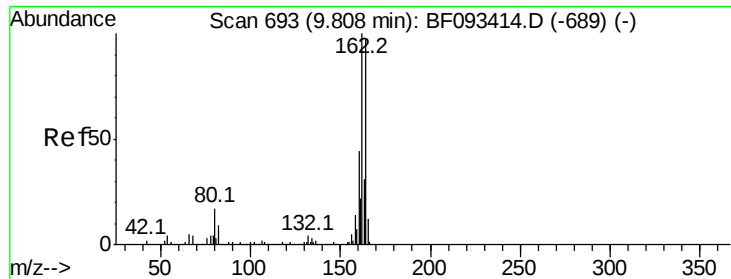
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#32
Benzoic acid
Concen: 123.86 ng
RT: 7.92 min Scan# 528
Delta R.T. 0.07 min
Lab File: BF093722.D
Acq: 16 Mar 2017 22:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.4	107.2	147.2
77	125.4	74.5	114.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093722.D

Acq: 16 Mar 2017 22:35

Instrument :

BNA_F

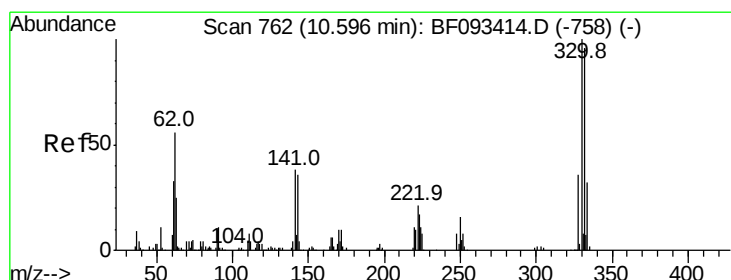
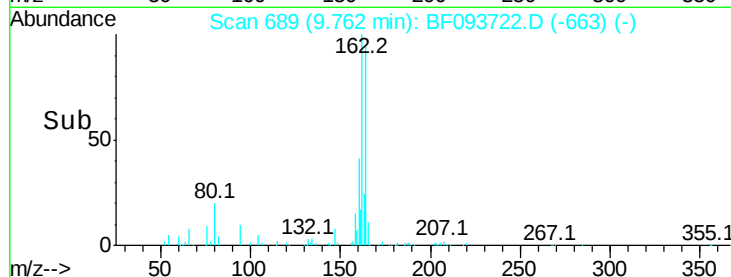
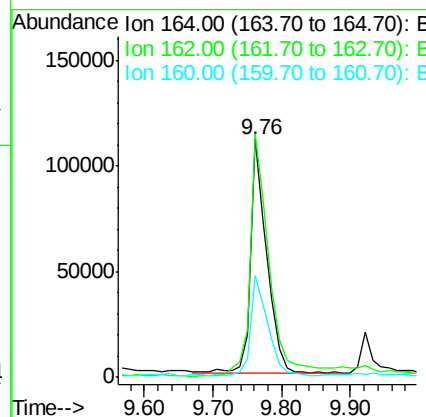
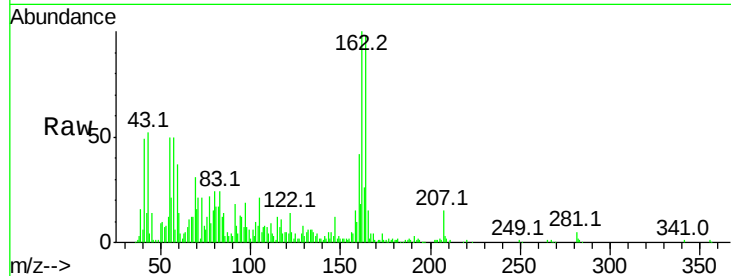
ClientSampleId :

EW-01

Tot Ion:	164	Resp:	179689
Ion Ratio	Lower	Upper	
164	100		
162	102.2	80.2	120.2
160	42.5	36.9	55.3

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#41

2,4,6-Tribromophenol

Concen: 120.15 ng

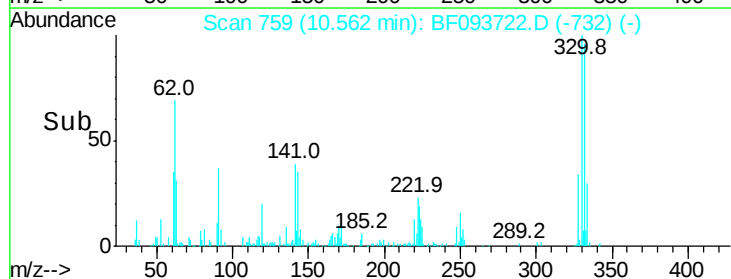
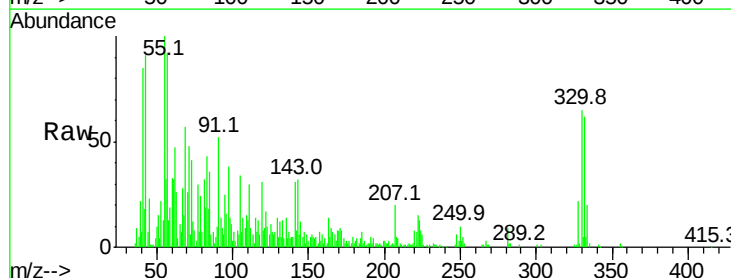
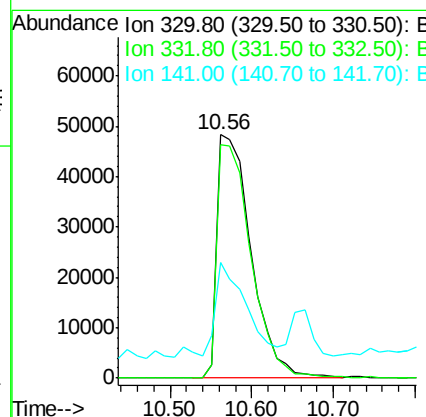
RT: 10.56 min Scan# 759

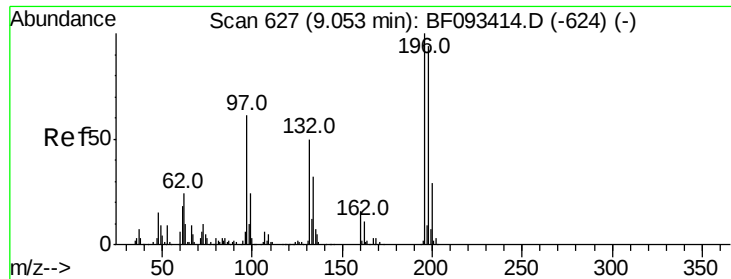
Delta R.T. 0.01 min

Lab File: BF093722.D

Acq: 16 Mar 2017 22:35

Tgt Ion:	330	Resp:	140656
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.4	116.2
141	36.5	34.1	51.1





#42

2,4,6-Trichlorophenol

Concen: 7.69 ng

RT: 9.06 min Scan# 628

Delta R.T. 0.05 min

Lab File: BF093722.D

Acq: 16 Mar 2017 22:35

Instrument :

BNA_F

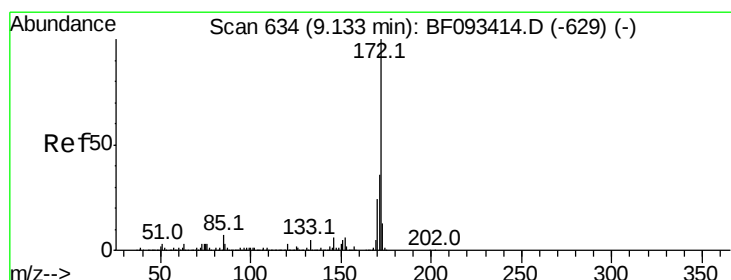
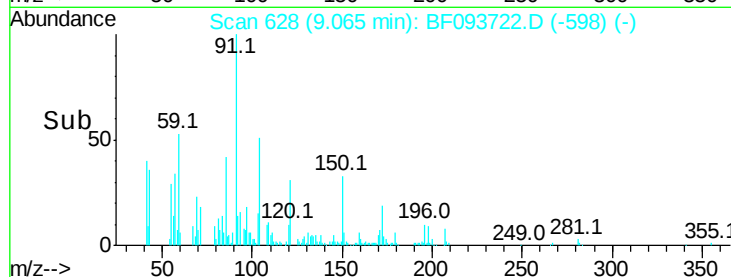
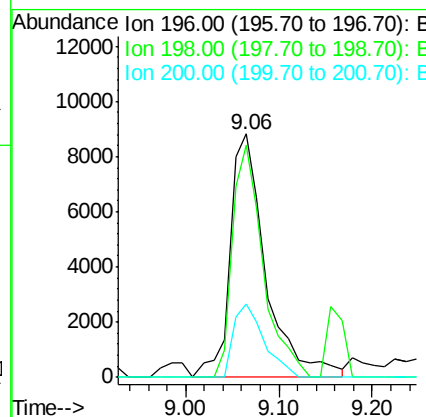
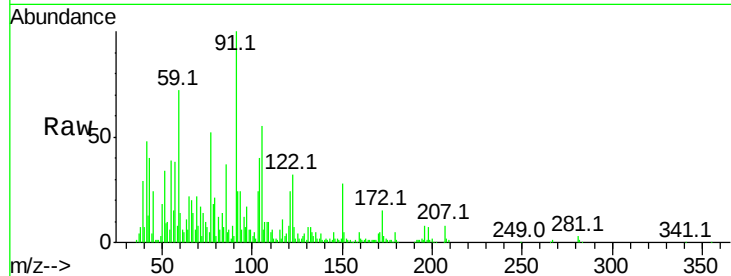
ClientSampleId :

EW-01

Tot Ion:	196	Resp:	23565
Ion Ratio	Lower	Upper	
196	100		
198	95.1	82.1	123.1
200	30.2	27.0	40.4

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#44

2-Fluorobiphenyl

Concen: 92.29 ng

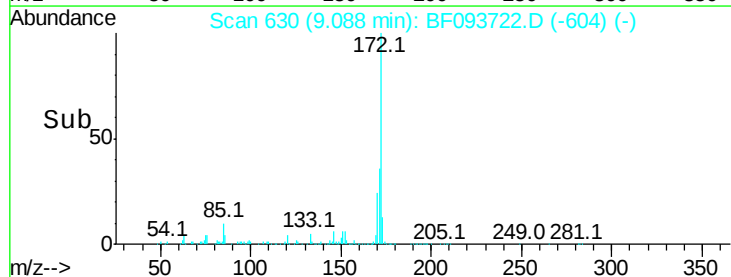
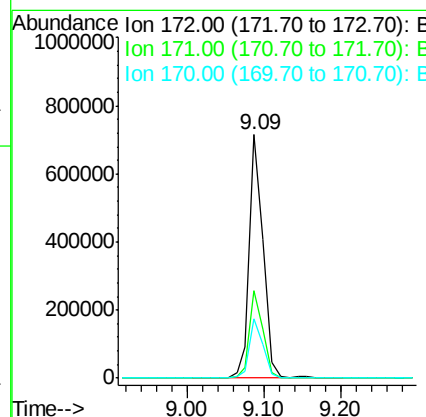
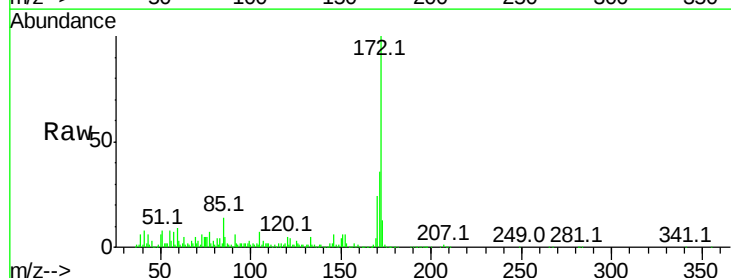
RT: 9.09 min Scan# 630

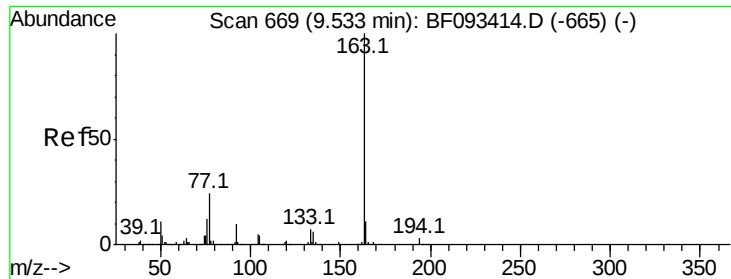
Delta R.T. -0.00 min

Lab File: BF093722.D

Acq: 16 Mar 2017 22:35

Tgt Ion:	172	Resp:	891584
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.4	44.0
170	24.1	20.2	30.4





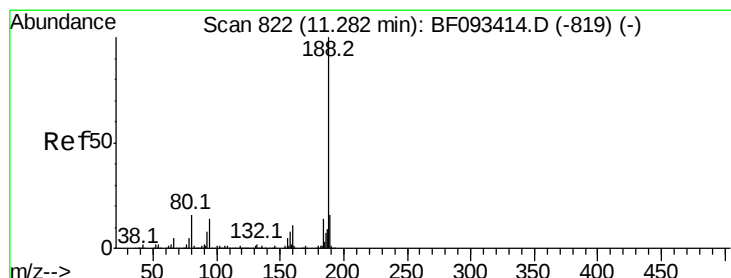
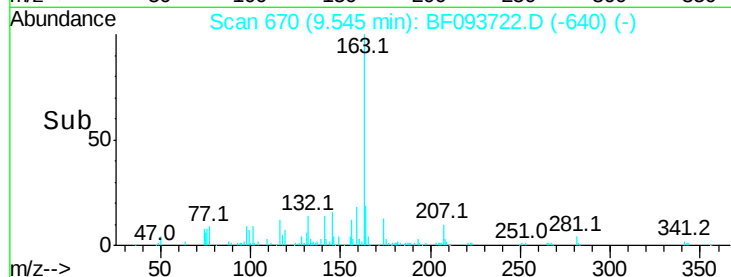
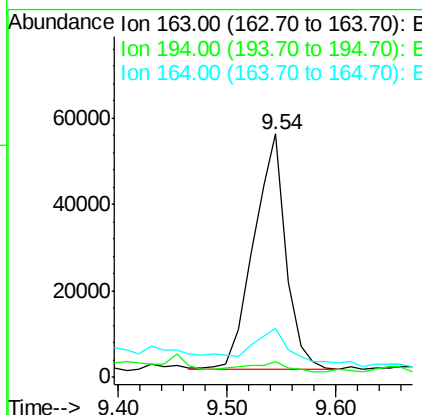
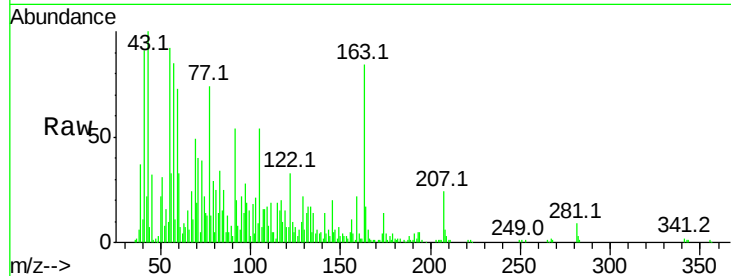
#49
Dimethylphthalate
Concen: 9.33 ng
RT: 9.54 min Scan# 670
Delta R.T. 0.05 min
Lab File: BF093722.D
Acq: 16 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
EW-01

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	6.4	3.0	4.4#	
164	20.0	8.0	12.0#	

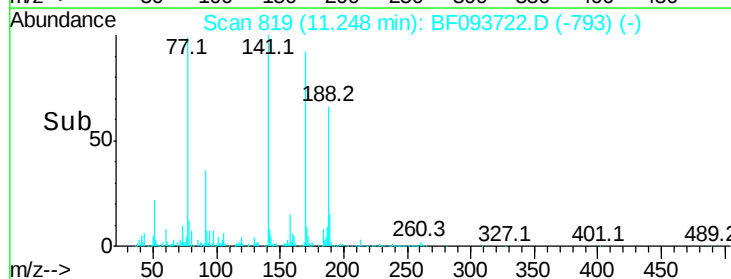
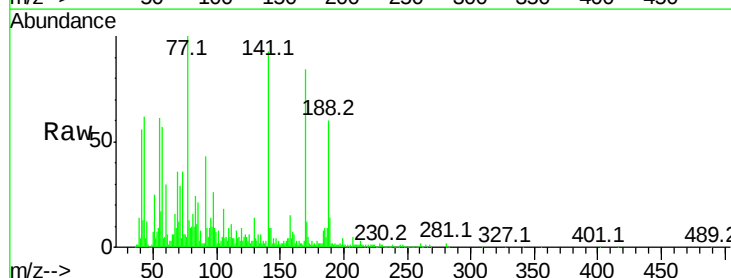
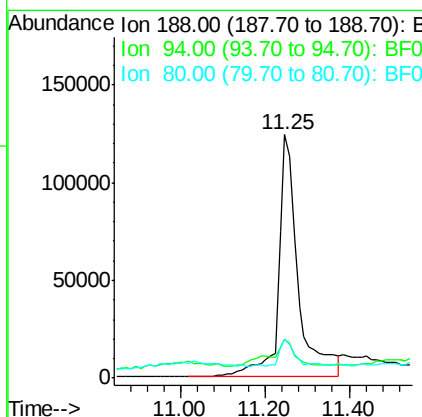
Manual Integrations
APPROVED

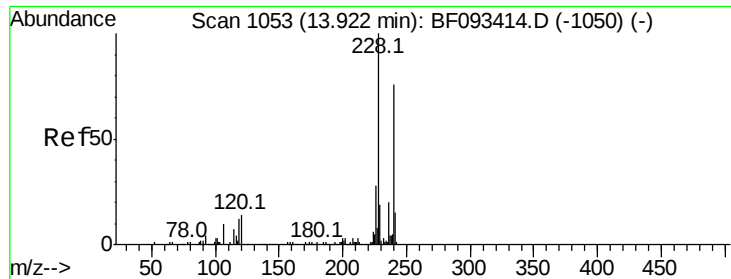
mohammad
3/27/2017 1:18:54 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093722.D
Acq: 16 Mar 2017 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	15.8	10.0	15.0#	
80	16.2	11.2	16.8	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.03 min

Lab File: BF093722.D

Acq: 16 Mar 2017 22:35

Instrument :

BNA_F

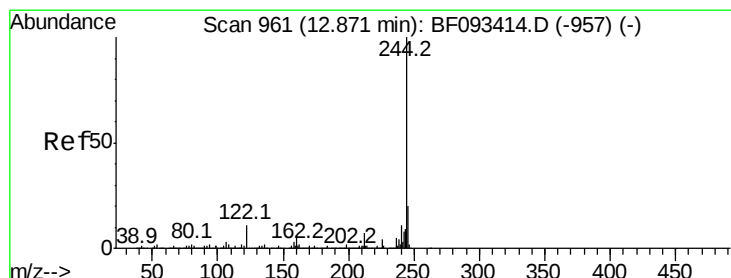
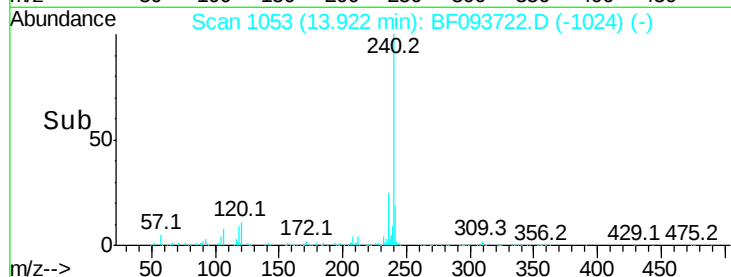
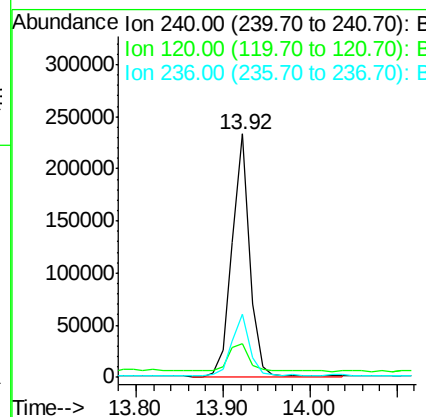
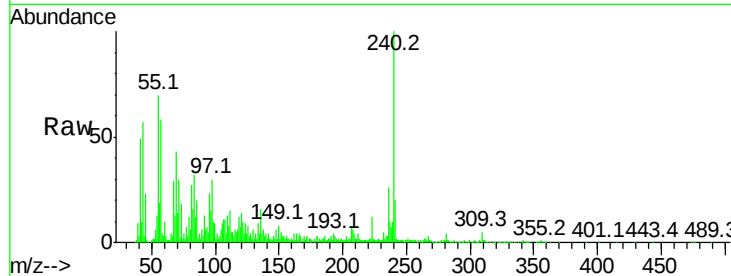
ClientSampleId :

EW-01

Tot Ion:	240	Resp:	327175
Ion Ratio	Lower	Upper	
240	100		
120	13.9	12.9	19.3
236	25.8	20.9	31.3

Manual Integrations
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#78

Terphenyl-d14

Concen: 33.94 ng

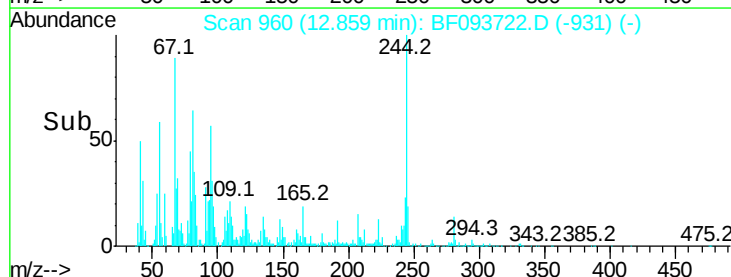
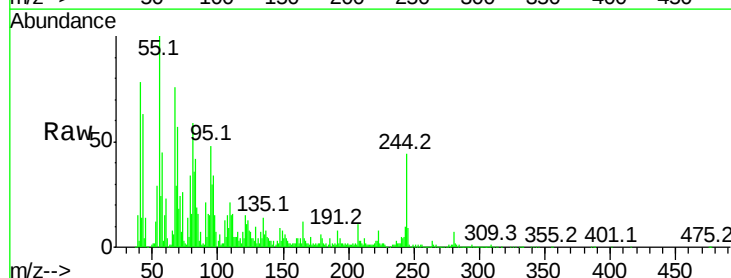
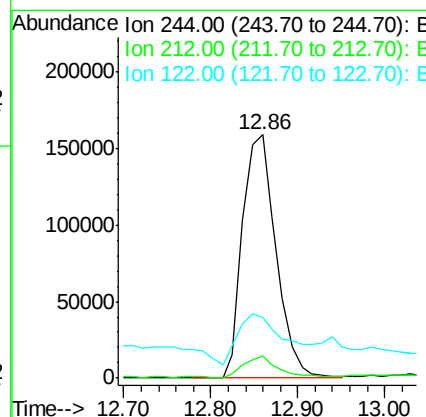
RT: 12.86 min Scan# 960

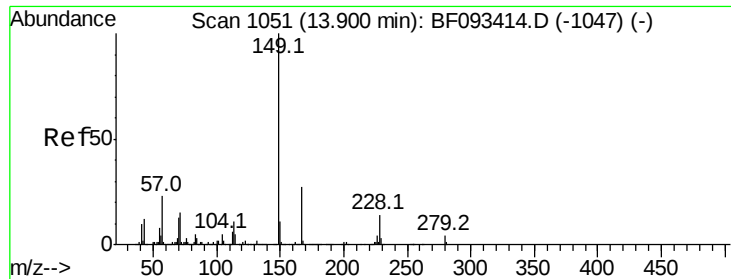
Delta R.T. 0.03 min

Lab File: BF093722.D

Acq: 16 Mar 2017 22:35

Tgt Ion:	244	Resp:	427042
Ion Ratio	Lower	Upper	
244	100		
212	9.1	6.2	9.2
122	24.9	11.4	17.2#





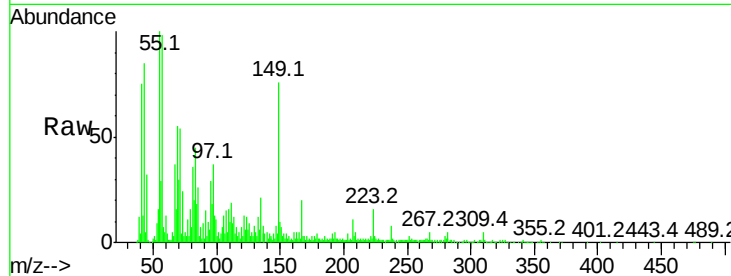
#83
Bis(2-ethylhexyl)phthalate
Concen: 12.57 ng
RT: 13.87 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF093722.D
Acq: 16 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
EW-01

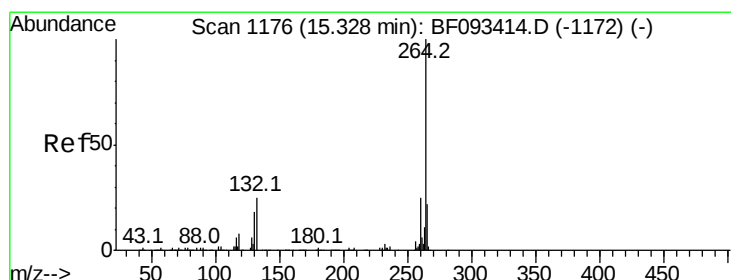
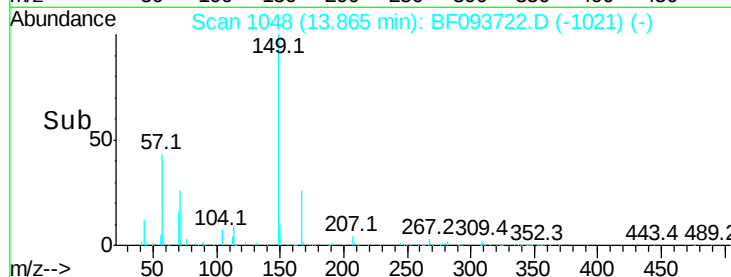
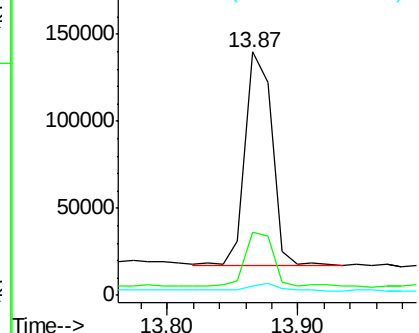
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.2	30.4
279	4.0	1.8	2.8

Manual Integrations
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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
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093722.D
Acq: 16 Mar 2017 22:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	23.6	17.4	26.0

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

