

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077796.D
 Acq On : 18 Mar 2015 12:15
 Operator : TP/IZ
 Sample : G1457-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Manual Integrations
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Quant Time: Mar 18 13:44:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 13:16:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	42686	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	171597	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	82508	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	164148	20.00	ng	0.00
75) Chrysene-d12	16.03	240	169859	20.00	ng	-0.10
86) Perylene-d12	17.77	264	160587	20.00	ng	-0.33
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	424151	173.44	ng	0.01
7) Phenol-d6	6.73	99	531107	175.78	ng	0.00
23) Nitrobenzene-d5	7.86	82	309085	118.07	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	134686	170.61	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	679002	120.94	ng	0.00
78) Terphenyl-d14	14.74	244	762178m	109.61	ng	-0.02
Target Compounds						Qvalue
8) 2-Chlorophenol	6.89	128	146159	50.21	ng	97
10) Phenol	6.75	94	394046	110.33	ng	# 67
17) 2-Methylphenol	7.49	107	225403	95.12	ng	99
20) 3+4-Methylphenols	7.69	107	188606	60.65	ng	88
26) 2-Nitrophenol	8.27	139	207182	150.06	ng	# 85
27) 2,4-Dimethylphenol	8.34	122	127192	50.57	ng	98
29) 2,4-Dichlorophenol	8.57	162	155902	65.02	ng	99
36) 4-Chloro-3-methylphenol	9.45	107	281651	116.75	ng	95
42) 2,4,6-Trichlorophenol	9.97	196	164376	96.43	ng	99
43) 2,4,5-Trichlorophenol	10.02	196	314358	170.70	ng	95
53) 2,4-Dinitrophenol	11.00	184	64730	132.97	ng	# 76
55) 4-Nitrophenol	11.09	139	162390	148.81	ng	93
64) 4,6-Dinitro-2-methylphenol	11.67	198	116343	140.97	ng	# 67
69) Pentachlorophenol	12.51	266	187708	182.10	ng	97

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

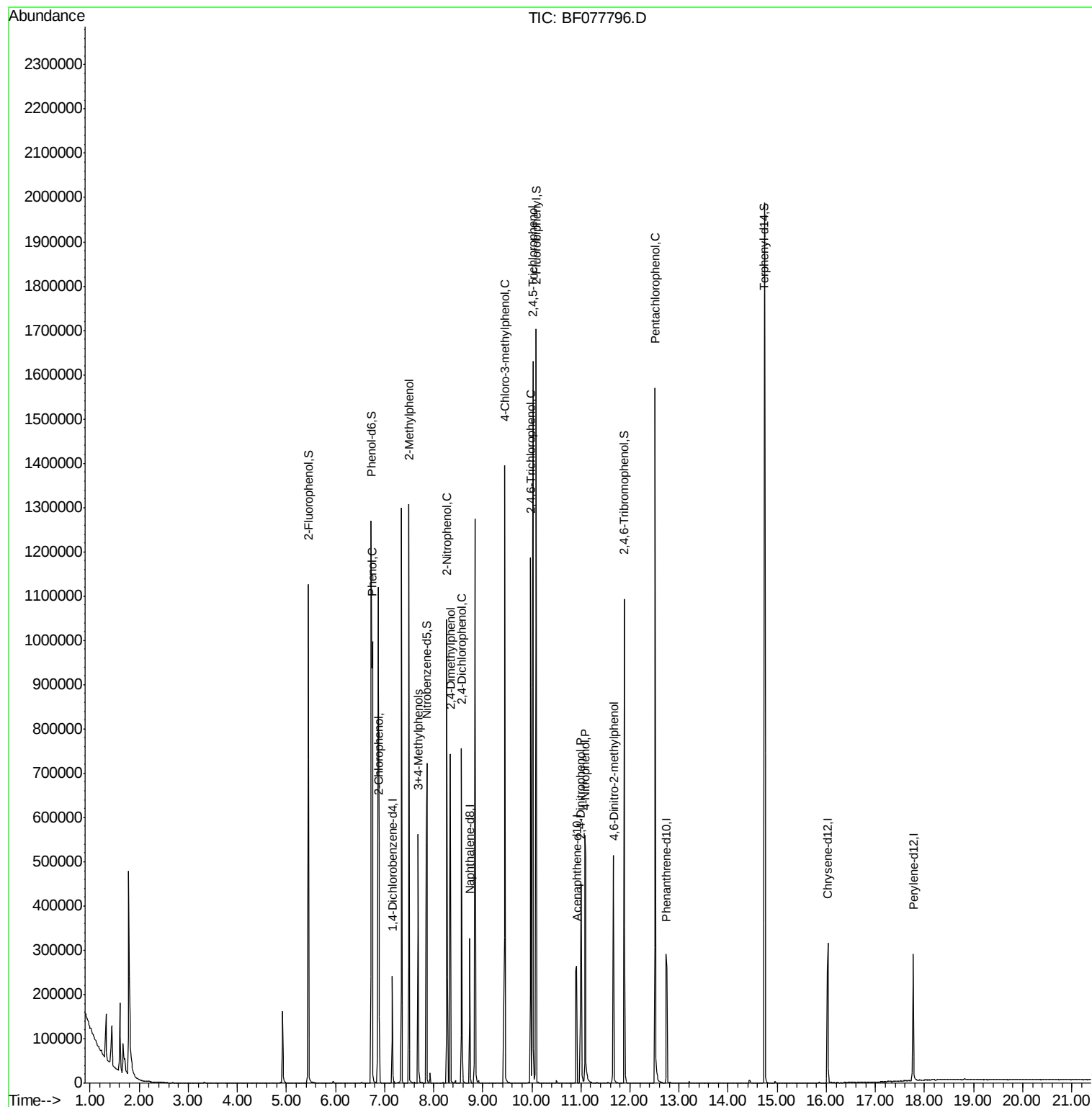
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
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#1

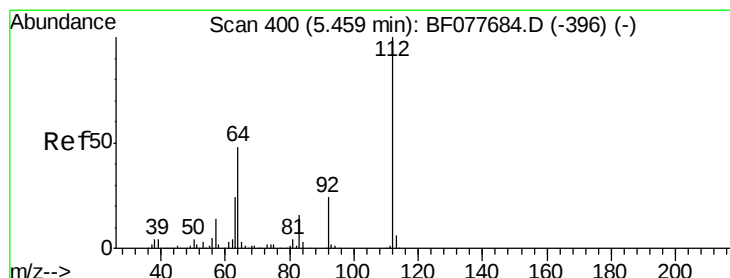
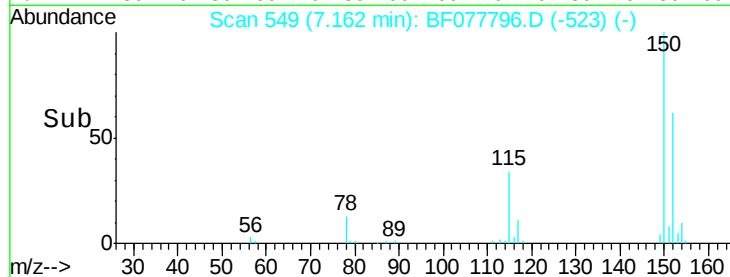
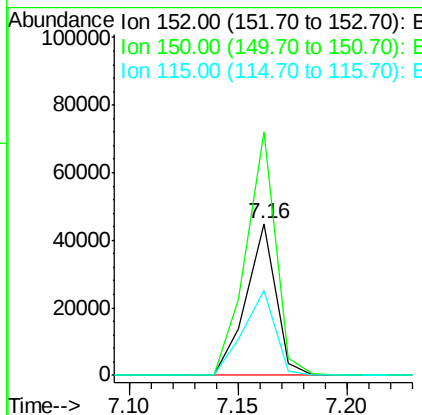
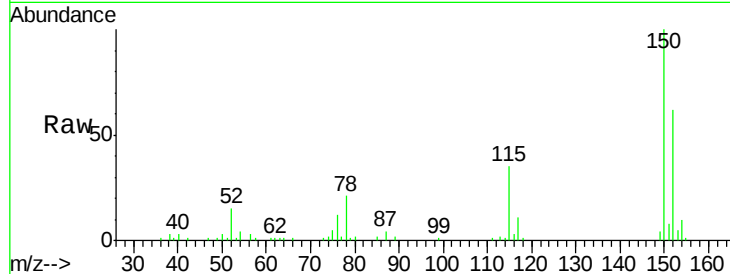
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tot Ion:	152	Resp:	42686
Ion Ratio	Lower	Upper	
152	100		
150	160.2	119.5	179.3
115	55.7	43.0	64.4

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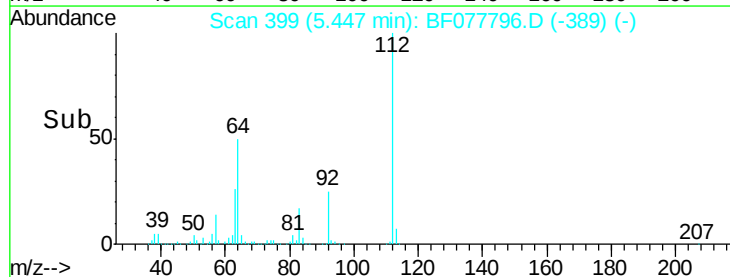
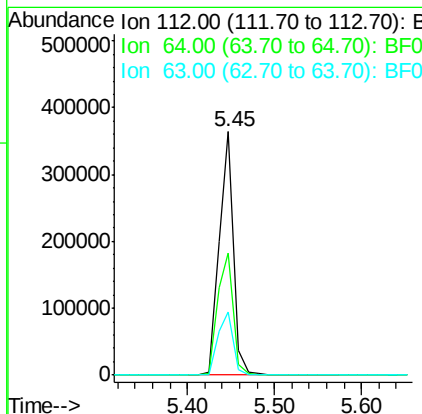
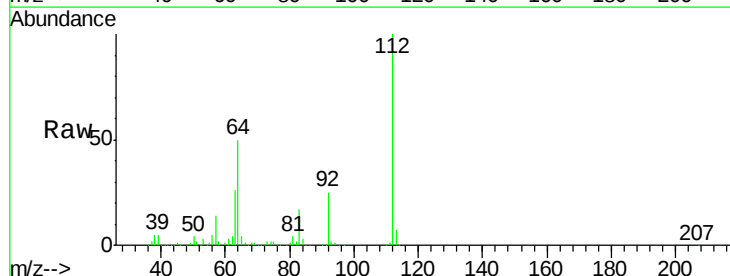
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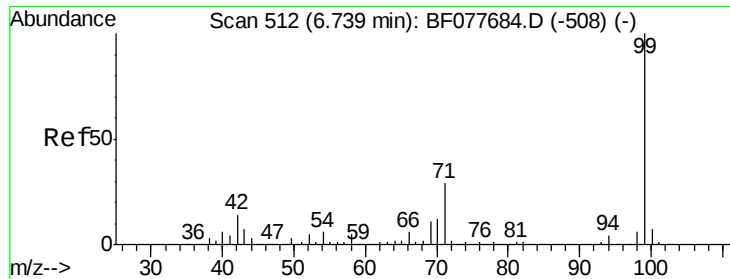


#5

2-Fluorophenol
Concen: 173.44 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion:	112	Resp:	424151
Ion Ratio	Lower	Upper	
112	100		
64	50.1	38.6	57.8
63	25.7	19.3	28.9





#7

Phenol-d6

Concen: 175.78 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077796.D

Acq: 18 Mar 2015 12:15

Instrument :

BNA_F

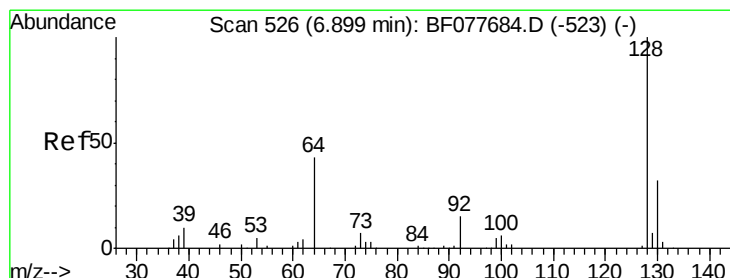
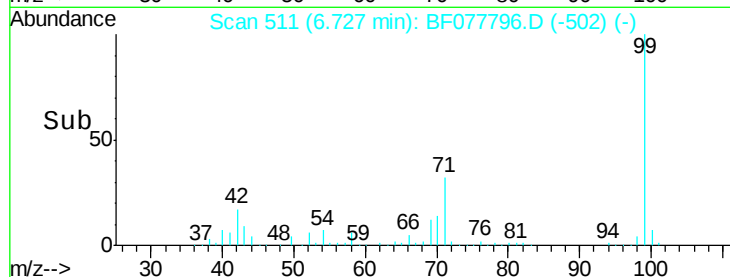
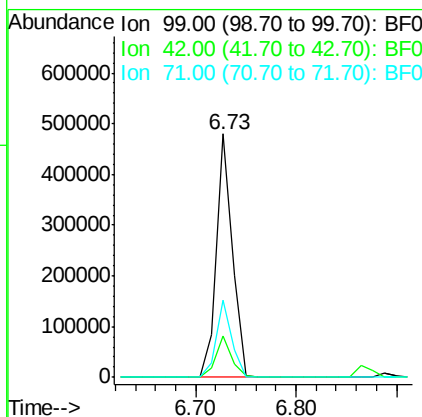
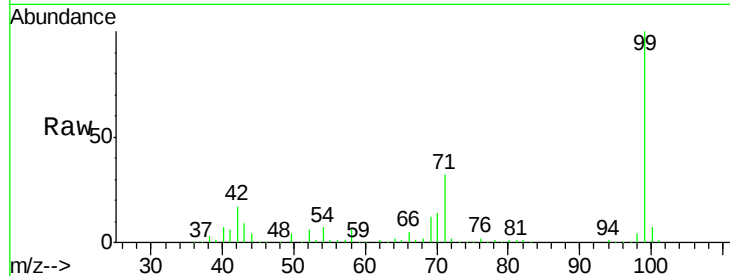
ClientSampleId :

PT-ACIDS-WP

Tot Ion:	99	Resp:	531107
Ion Ratio	Lower	Upper	
99	100		
42	17.0	11.0	16.4#
71	32.0	23.4	35.2

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#8

2-Chlorophenol

Concen: 50.21 ng

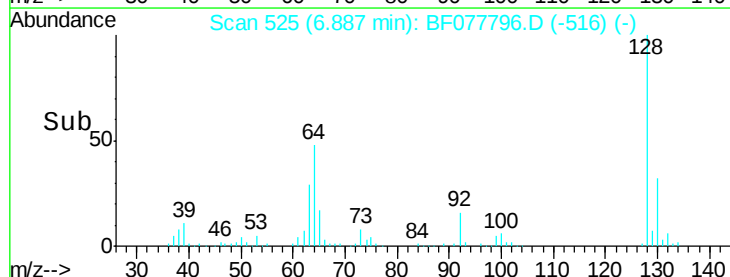
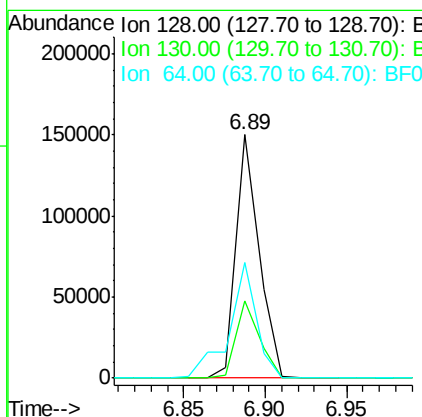
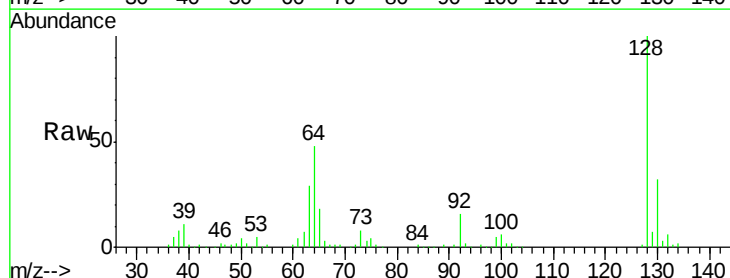
RT: 6.89 min Scan# 525

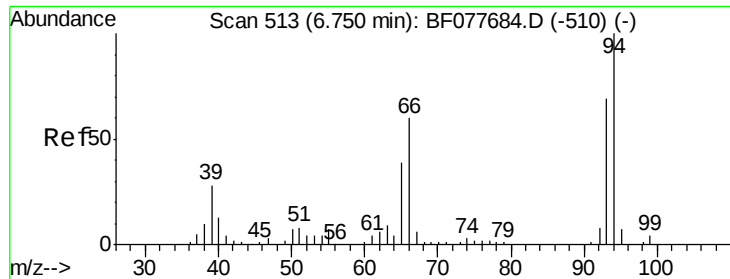
Delta R.T. -0.00 min

Lab File: BF077796.D

Acq: 18 Mar 2015 12:15

Tgt Ion:	128	Resp:	146159
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.0	52.0
64	47.5	24.9	64.9





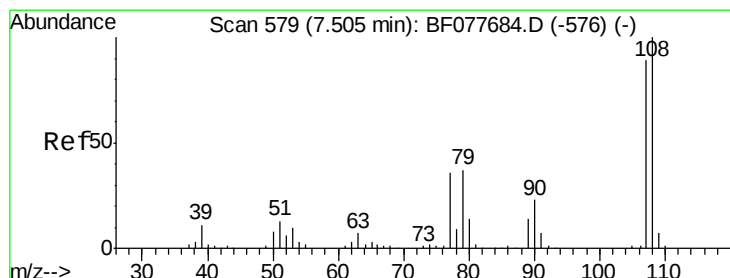
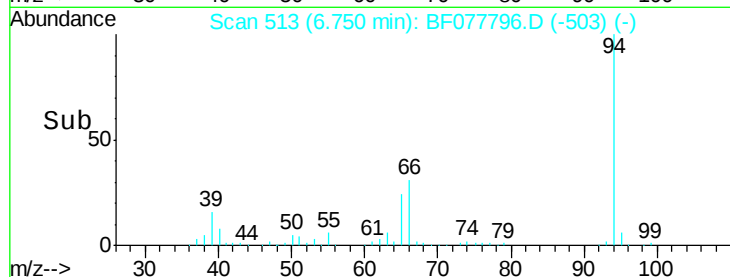
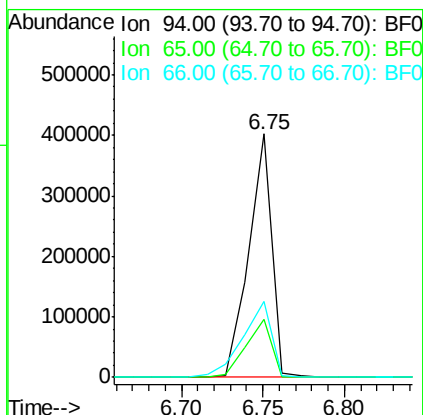
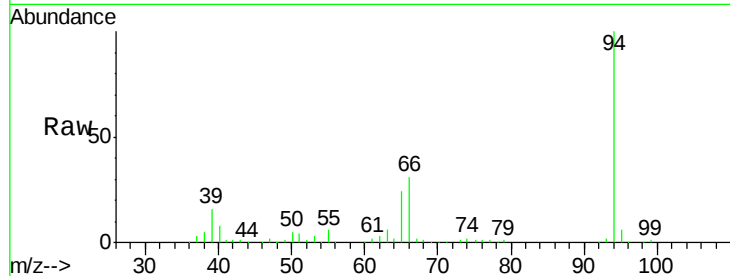
#10
Phenol
Concen: 110.33 ng
RT: 6.75 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tot Ion	Ratio	Lower	Upper
94	100		
65	23.8	18.8	58.8
66	31.3	39.9	79.9

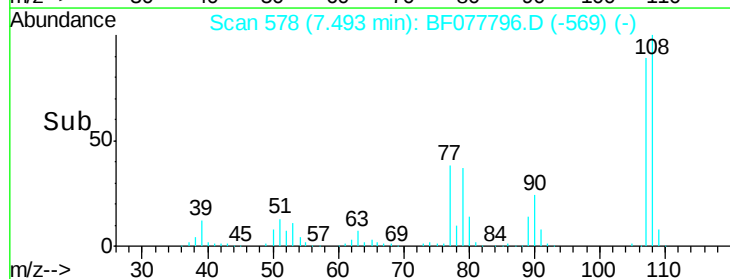
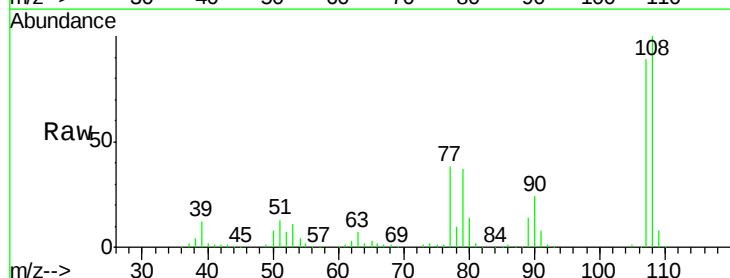
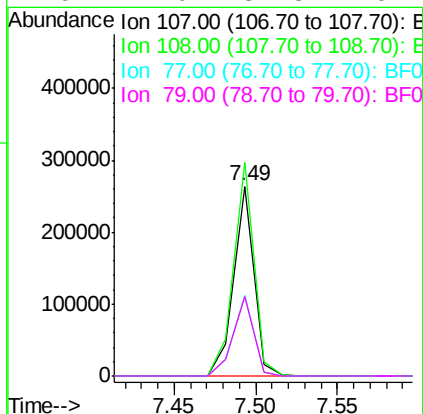
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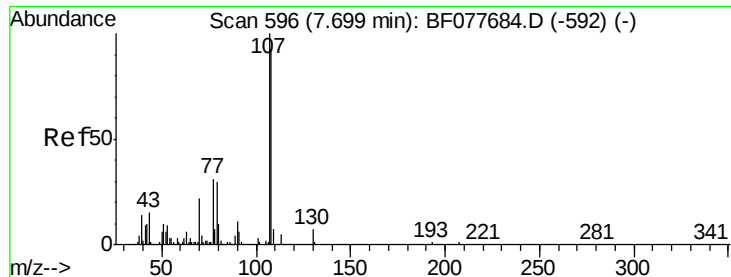
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#17
2-Methylphenol
Concen: 95.12 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.8	134.8
77	42.4	32.6	48.8
79	42.0	32.8	49.2





#20

3+4-Methylphenols

Concen: 60.65 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF077796.D

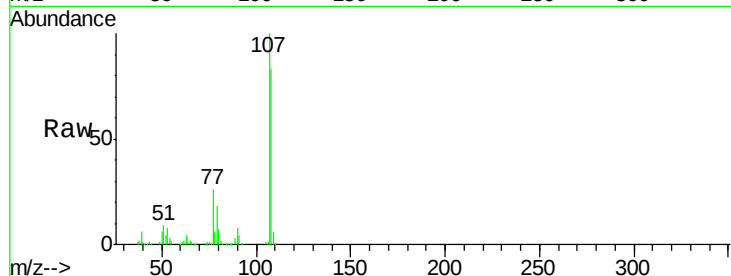
Acq: 18 Mar 2015 12:15

Instrument :

BNA_F

ClientSampleId :

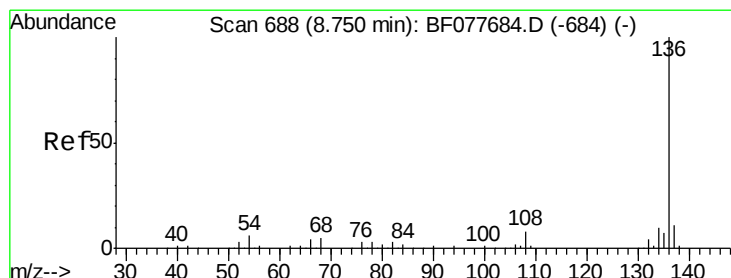
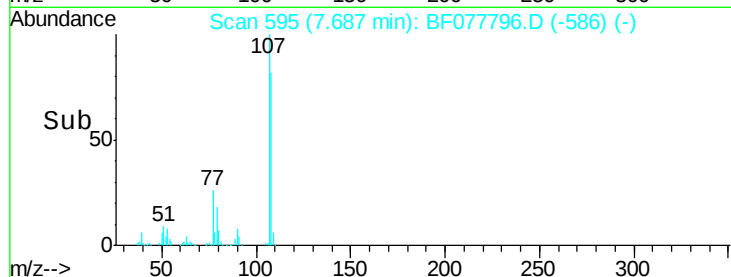
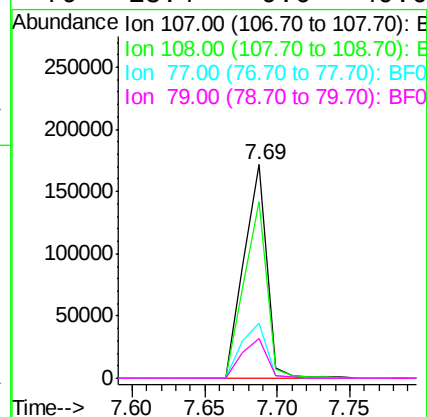
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
188606	107	100			
	108	82.6		73.2	113.2
	77	26.0		10.7	50.7
	79	18.4		9.6	49.6

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#21

Naphthalene-d8

Concen: 20.00 ng

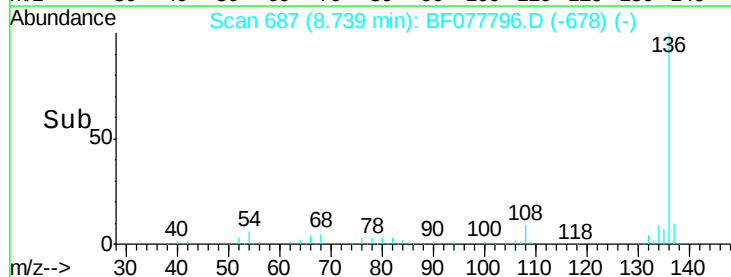
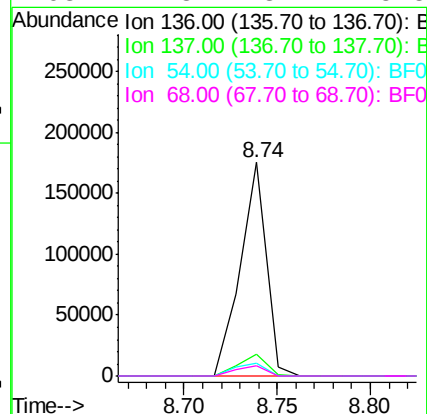
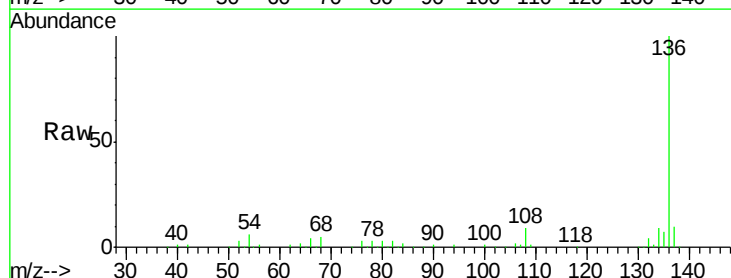
RT: 8.74 min Scan# 687

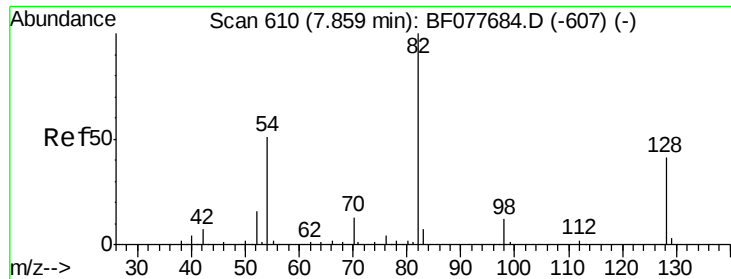
Delta R.T. -0.00 min

Lab File: BF077796.D

Acq: 18 Mar 2015 12:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
171597	136	100			
	137	10.5		8.7	13.1
	54	5.8		4.6	6.8
	68	4.8		3.7	5.5





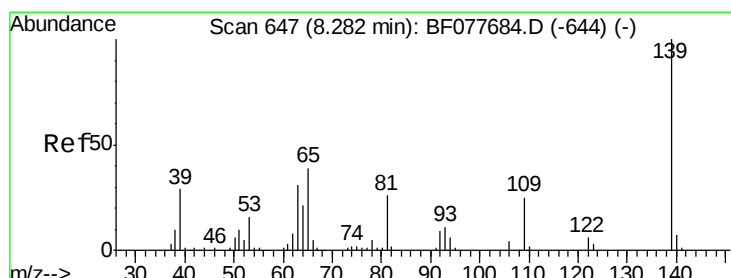
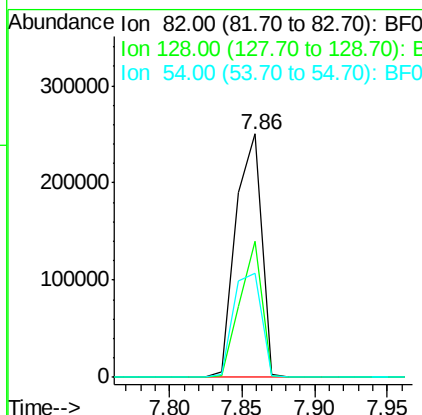
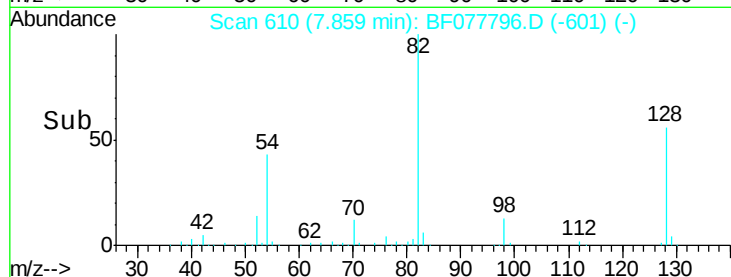
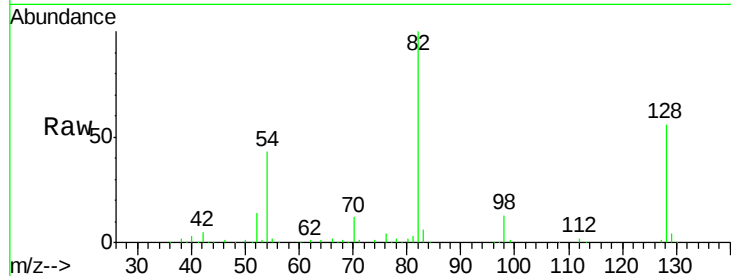
#23
Nitrobenzene-d5
Concen: 118.07 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	55.9	32.8	49.2#
54	42.9	40.6	60.8

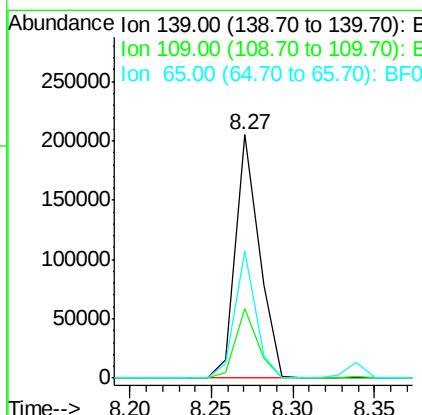
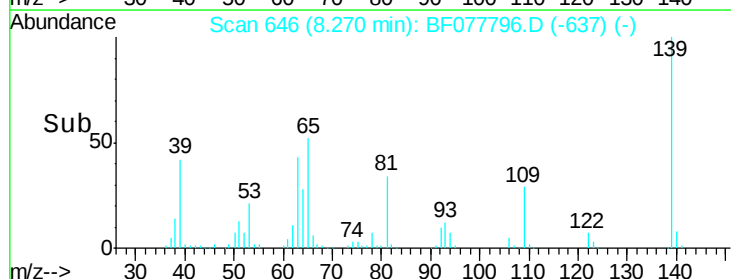
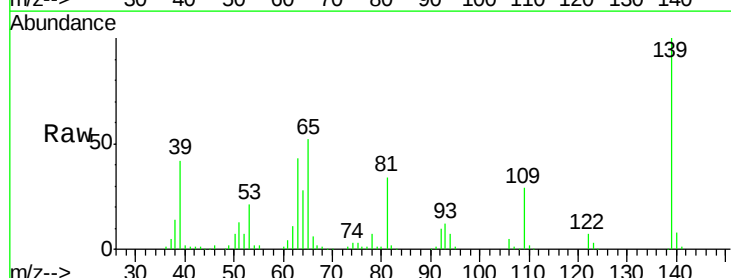
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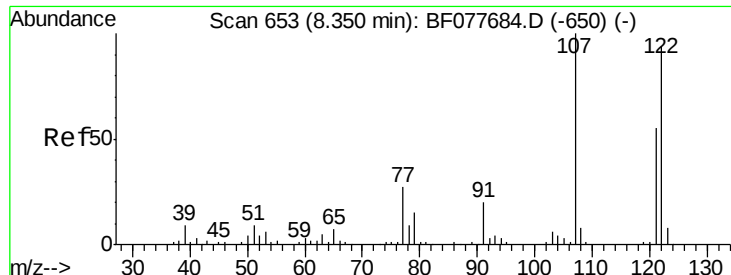
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#26
2-Nitrophenol
Concen: 150.06 ng
RT: 8.27 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	28.7	20.1	30.1
65	52.0	31.5	47.3#





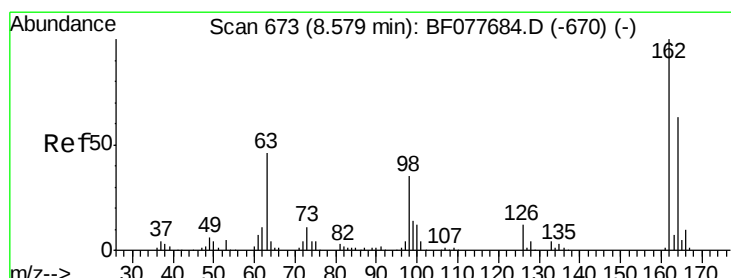
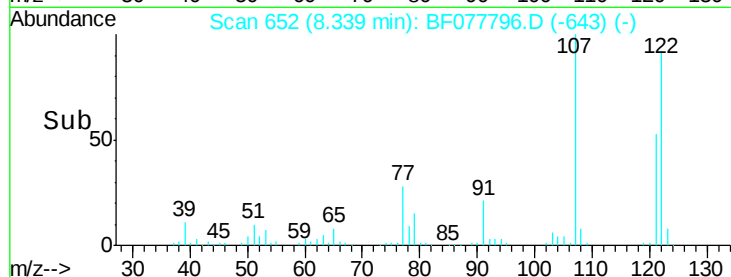
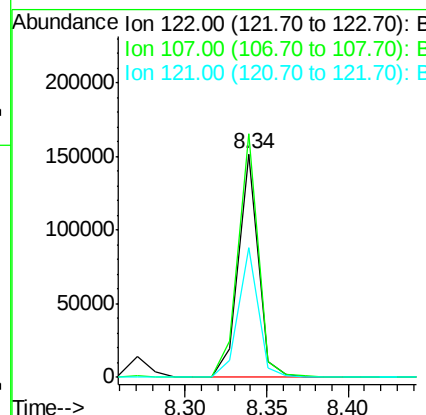
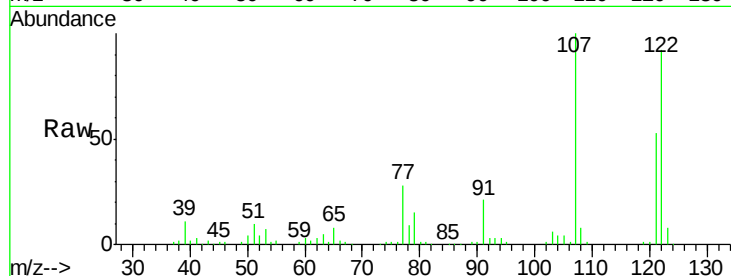
#27
2,4-Dimethylphenol
Concen: 50.57 ng
RT: 8.34 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tot Ion	Ratio	Resp Lower	Resp Upper
122	100		
107	109.0	84.7	127.1
121	58.2	46.6	69.8

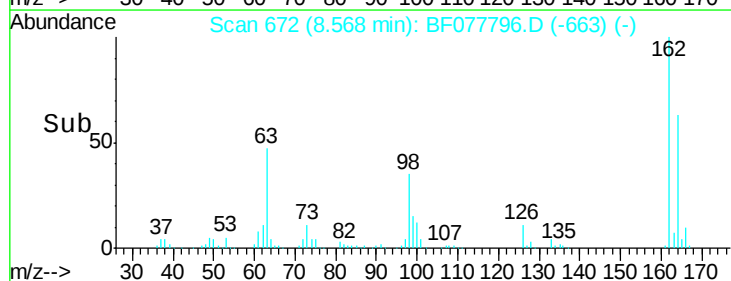
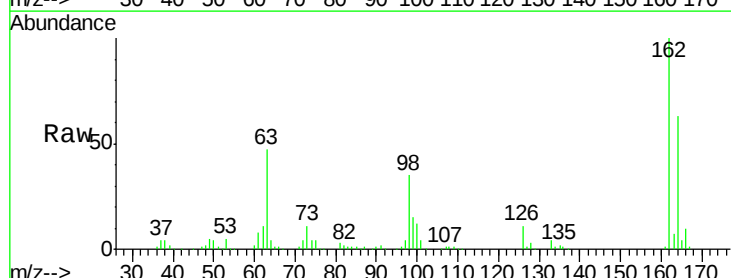
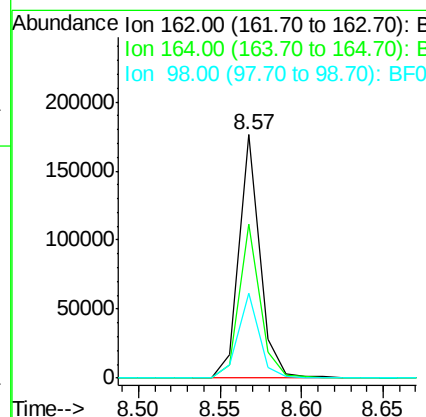
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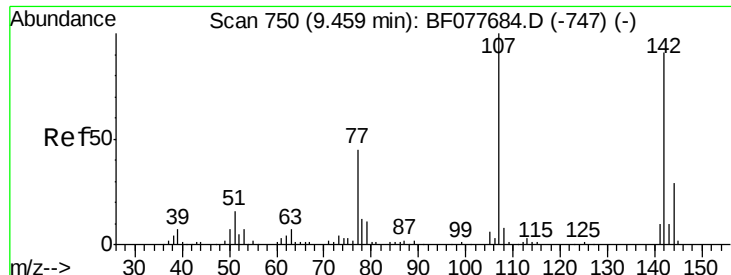
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#29
2,4-Dichlorophenol
Concen: 65.02 ng
RT: 8.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	42.8	82.8
98	35.0	14.5	54.5





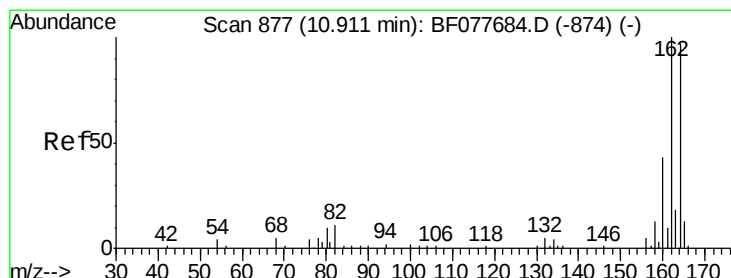
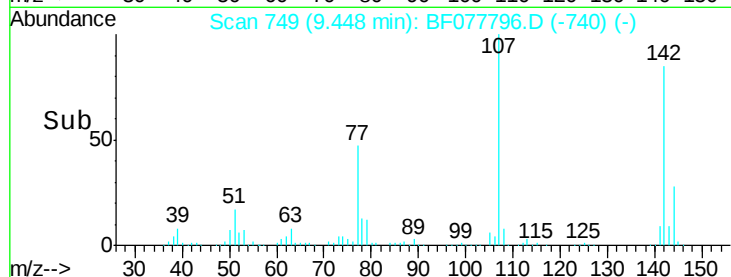
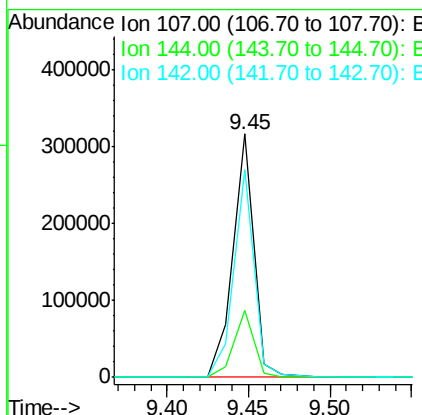
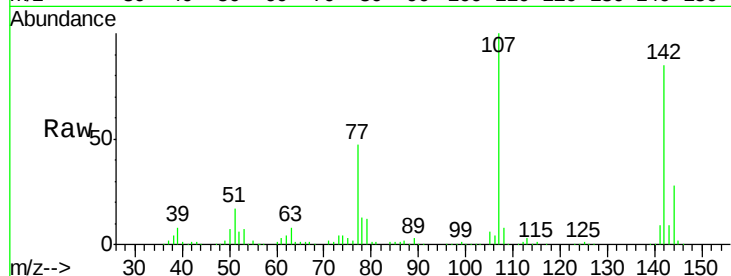
#36
 4-Chloro-3-methylphenol
 Concen: 116.75 ng
 RT: 9.45 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF077796.D
 Acq: 18 Mar 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Tot Ion	Ratio	Resp	Lower	Upper
107	100	281651		
144	27.7	23.3	34.9	
142	85.4	72.6	109.0	

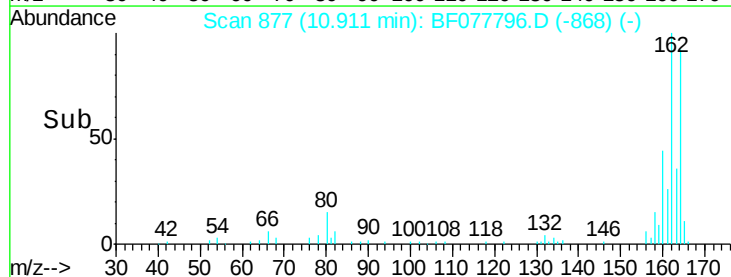
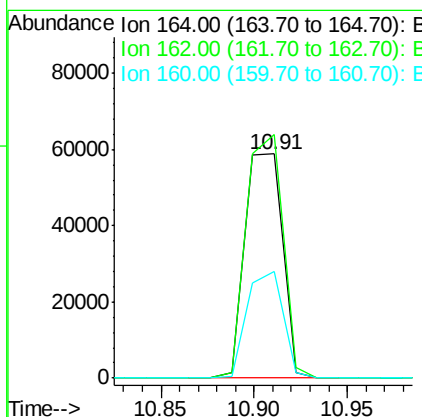
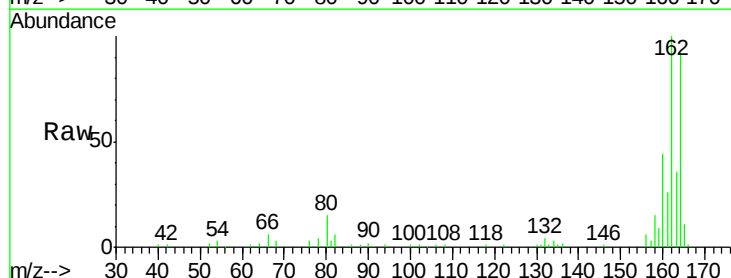
Manual Integrations
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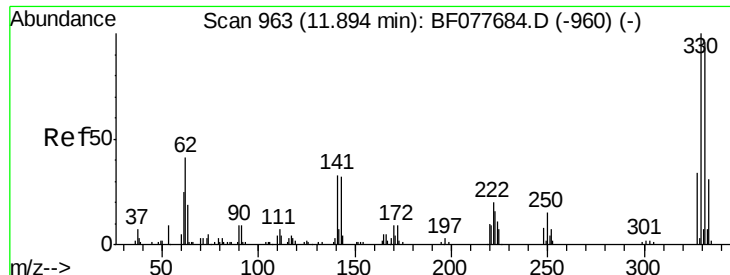
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077796.D
 Acq: 18 Mar 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	82508		
162	108.6	82.4	123.6	
160	47.4	35.8	53.6	





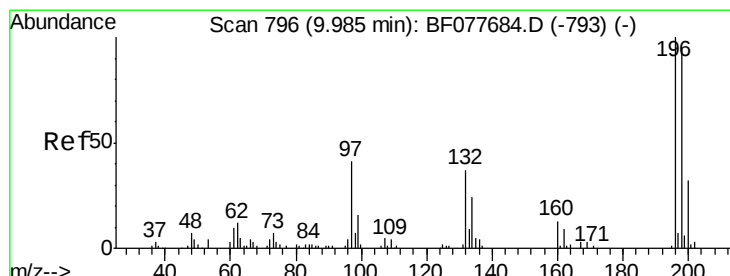
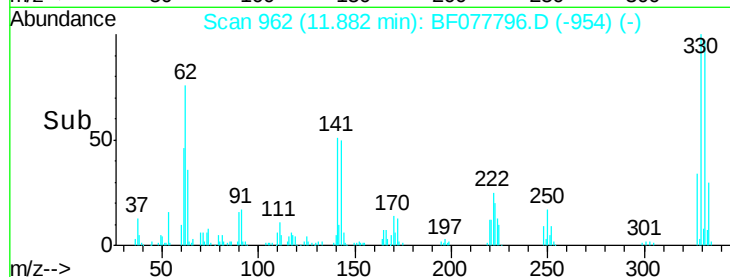
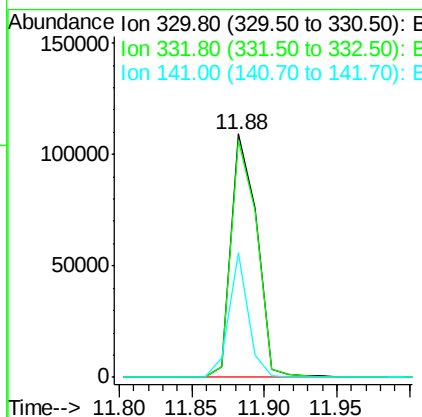
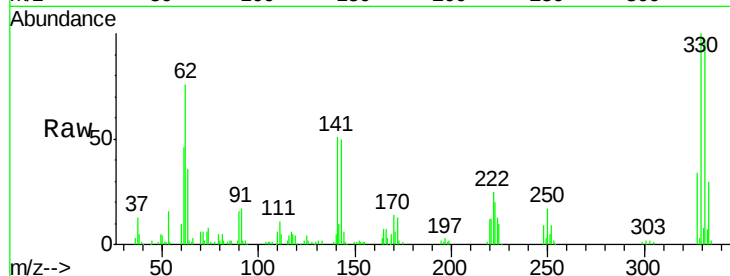
#41
 2,4,6-Tribromophenol
 Concen: 170.61 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077796.D
 Acq: 18 Mar 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	38.6	0.0	0.0#

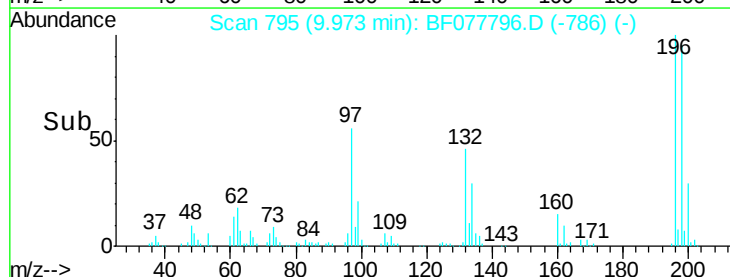
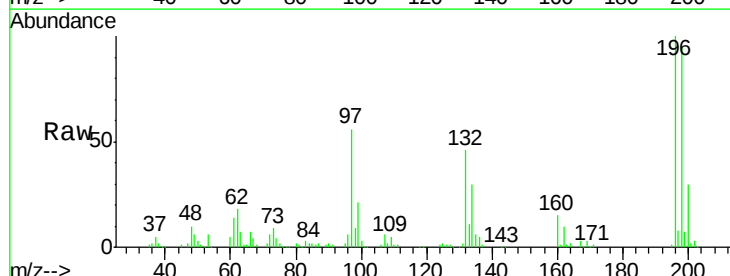
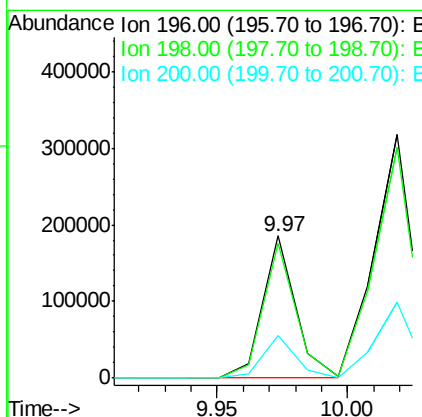
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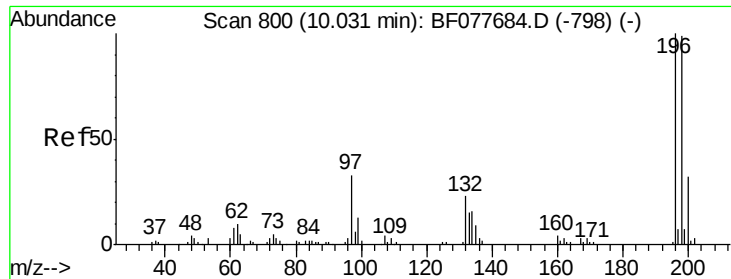
mohammad
 3/20/2015 1:48:03 PM



#42
 2,4,6-Trichlorophenol
 Concen: 96.43 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF077796.D
 Acq: 18 Mar 2015 12:15

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.7	76.3	114.5
200	29.9	25.6	38.4





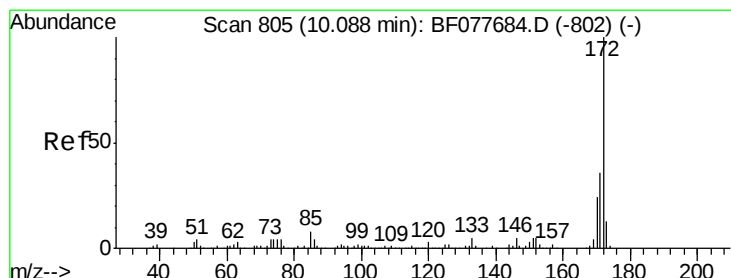
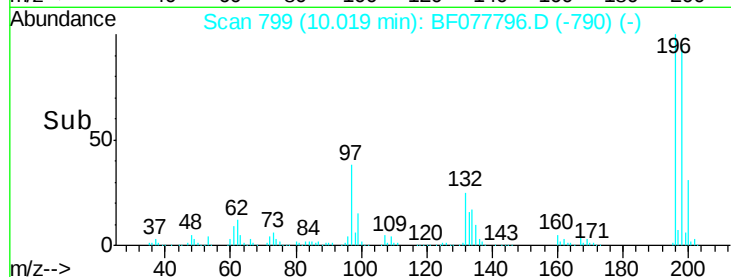
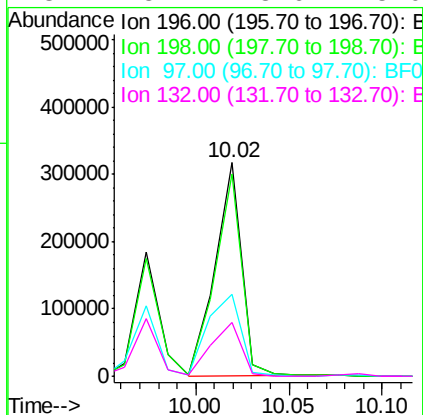
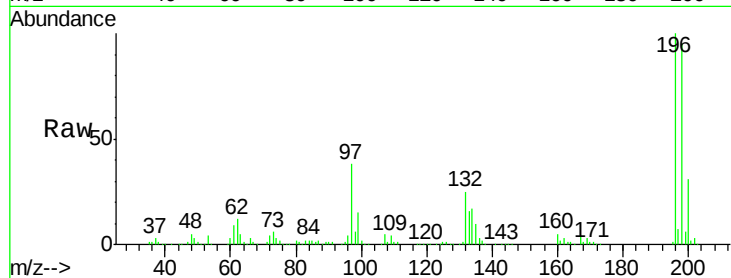
#43
 2,4,5-Trichlorophenol
 Concen: 170.70 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077796.D
 Acq: 18 Mar 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		314358		
198	94.9	79.4	119.0		
97	38.3	26.8	40.2		
132	25.2	18.6	28.0		

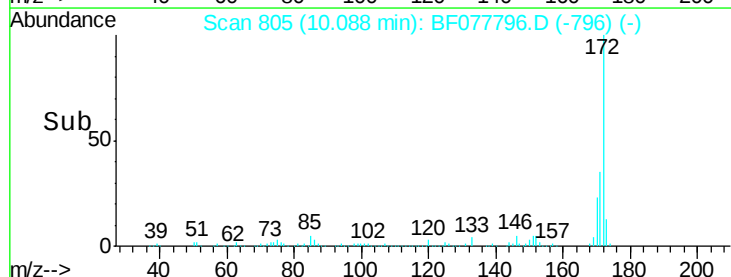
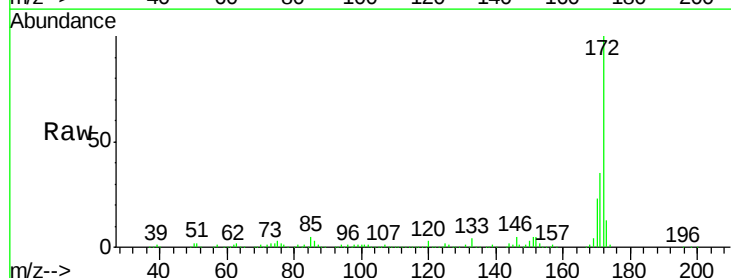
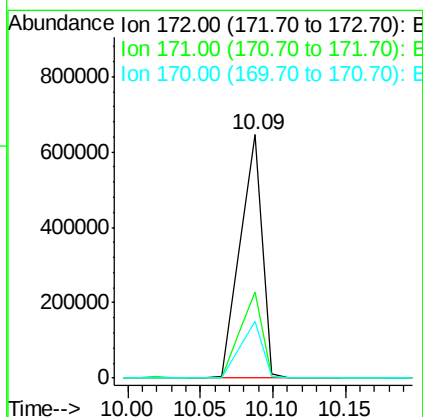
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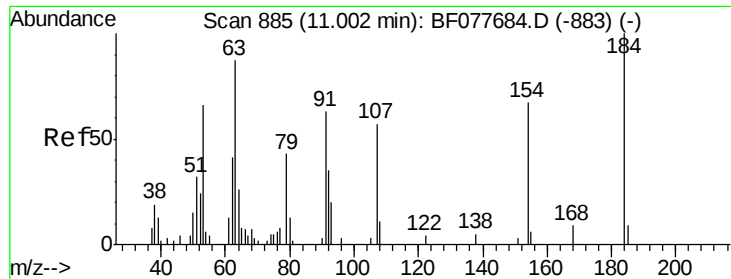
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 120.94 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077796.D
 Acq: 18 Mar 2015 12:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		679002		
171	35.3	28.5	42.7		
170	23.3	18.8	28.2		





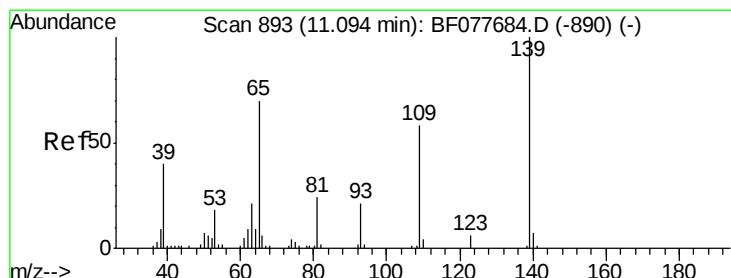
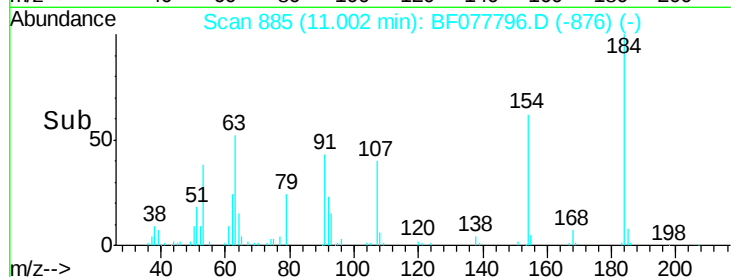
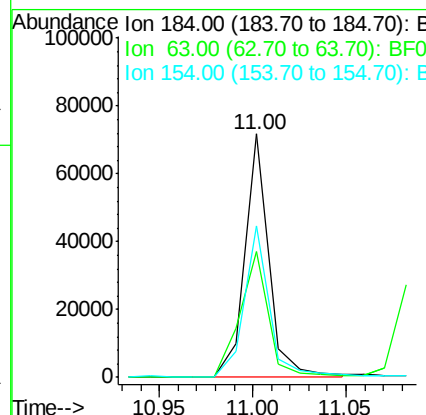
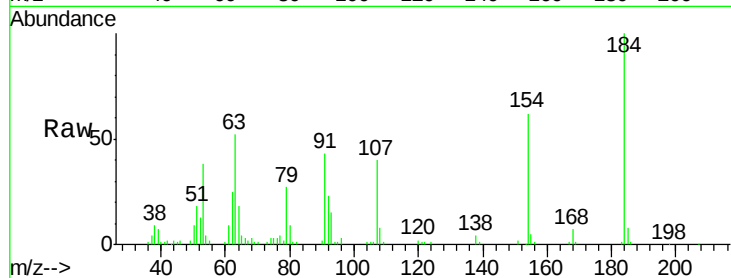
#53
2,4-Dinitrophenol
Concen: 132.97 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.8	69.2	103.8#
154	62.5	53.3	79.9

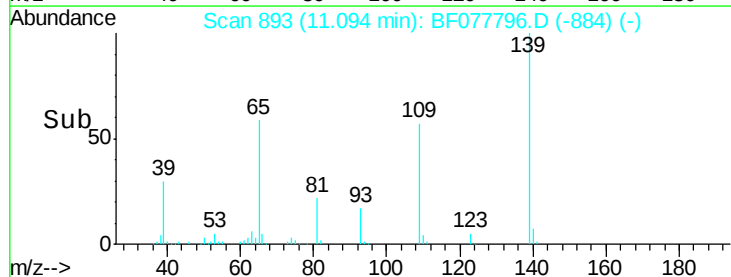
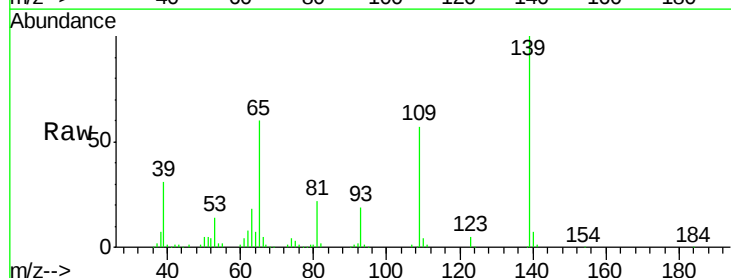
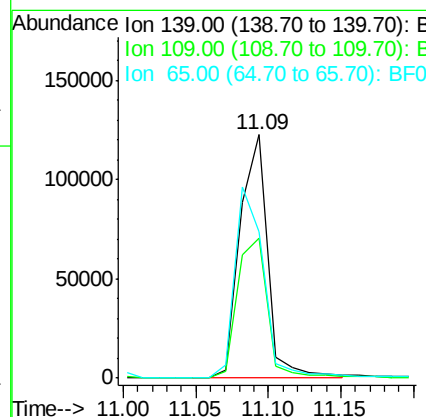
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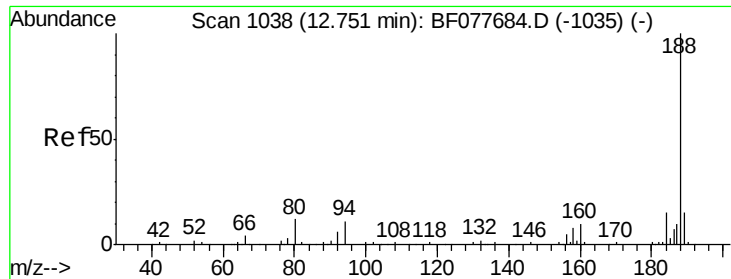
mohammad
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#55
4-Nitrophenol
Concen: 148.81 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077796.D
Acq: 18 Mar 2015 12:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	57.4	37.7	77.7
65	60.1	49.9	89.9





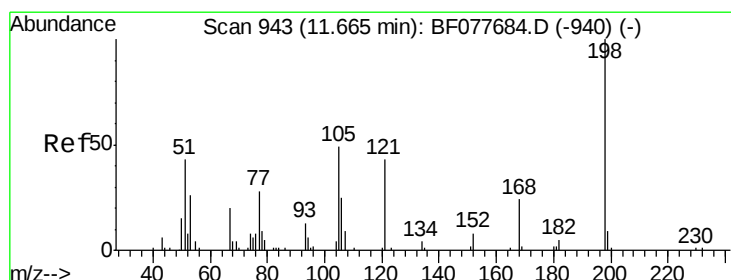
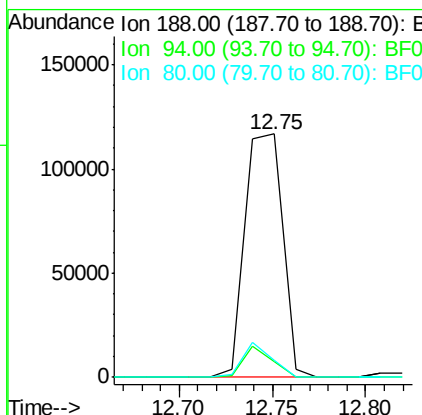
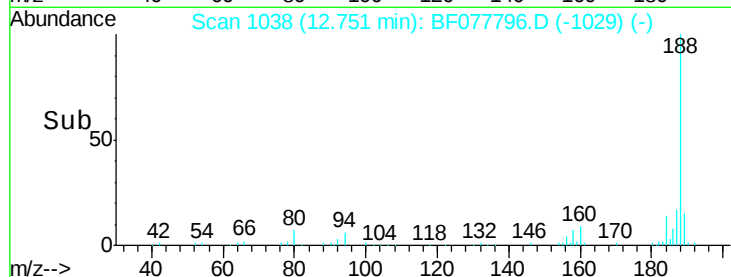
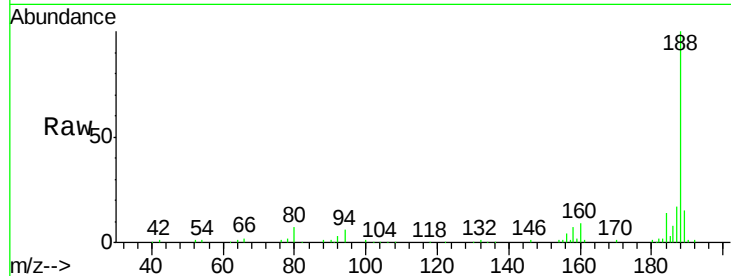
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF077796.D
 Acq: 18 Mar 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.4	8.7	13.1#
80	7.1	9.3	13.9#

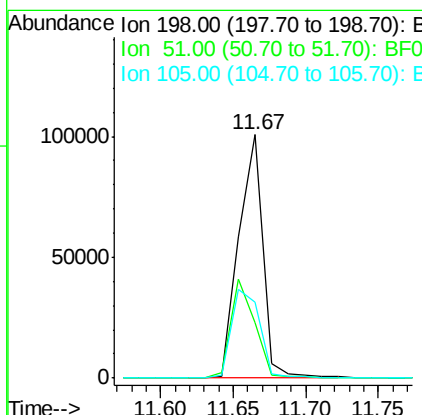
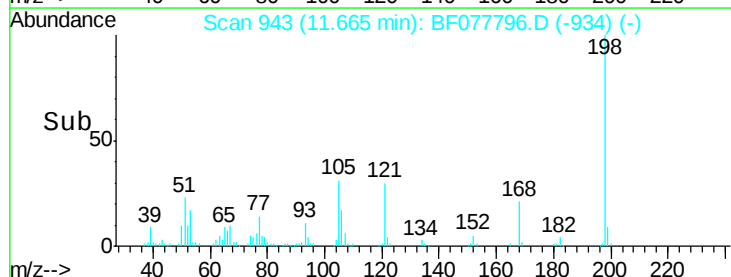
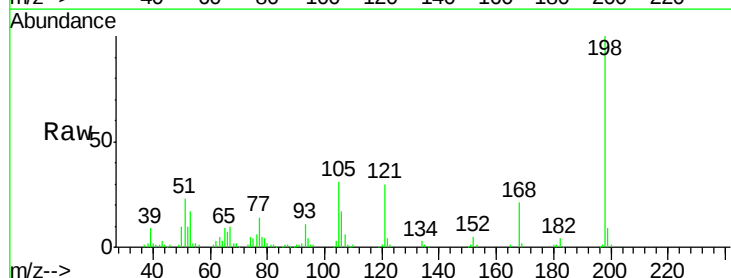
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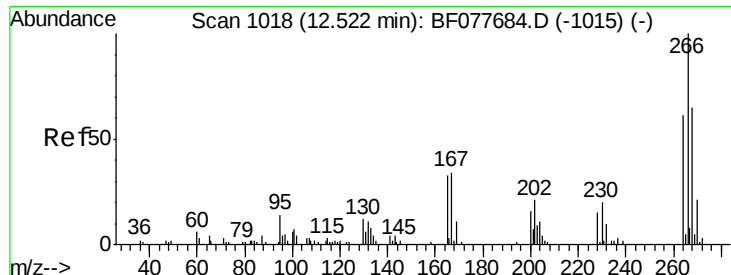
mohammad
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 140.97 ng
 RT: 11.67 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF077796.D
 Acq: 18 Mar 2015 12:15

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	22.8	28.8	68.8#
105	30.9	30.5	70.5





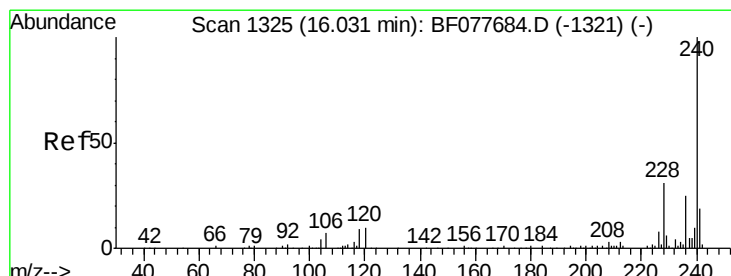
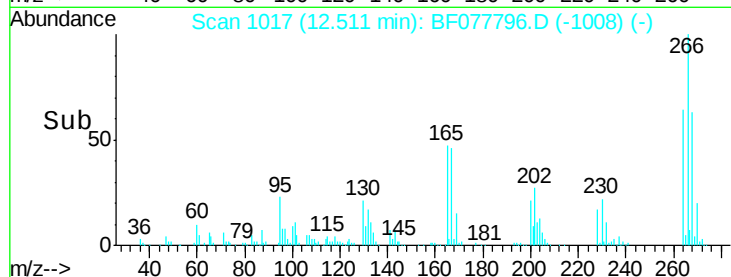
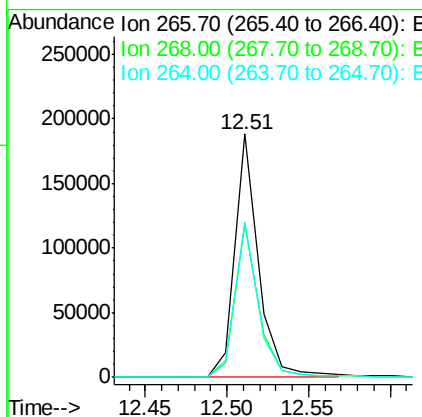
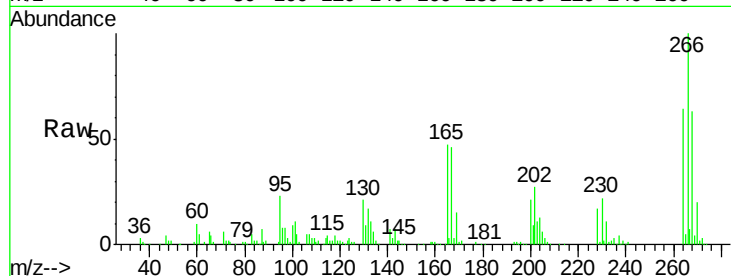
#69
 Pentachlorophenol
 Concen: 182.10 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF077796.D
 Acq: 18 Mar 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Tot Ion	Ratio	Resp	Lower	Upper
266	100	187708		
268	62.8	52.0	78.0	
264	63.5	49.0	73.4	

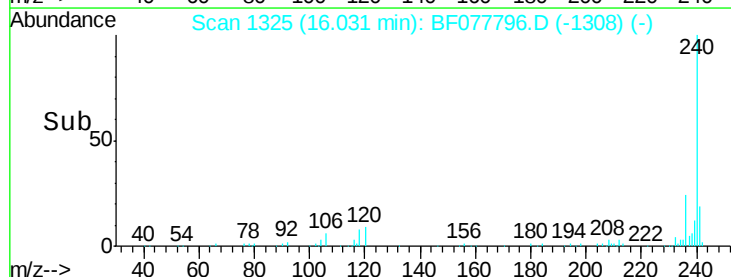
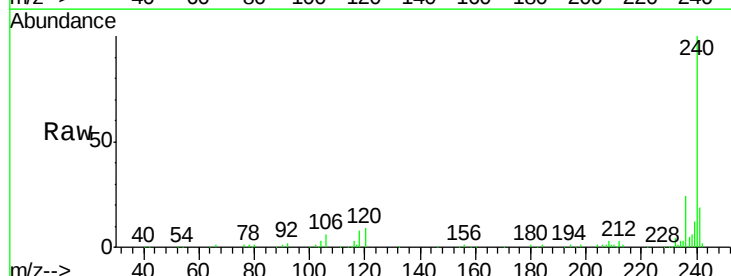
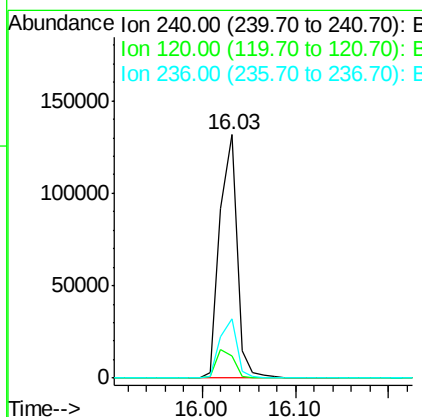
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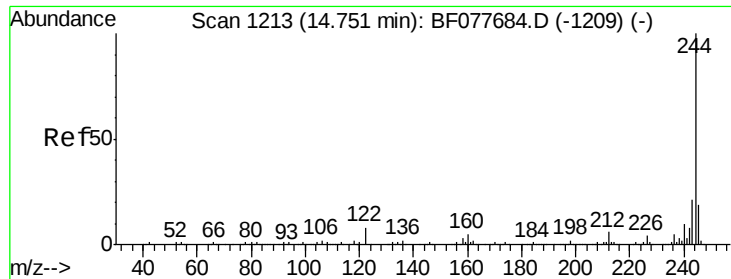
mohammad
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. -0.10 min
 Lab File: BF077796.D
 Acq: 18 Mar 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	169859		
120	9.1	8.2	12.2	
236	24.4	20.0	30.0	





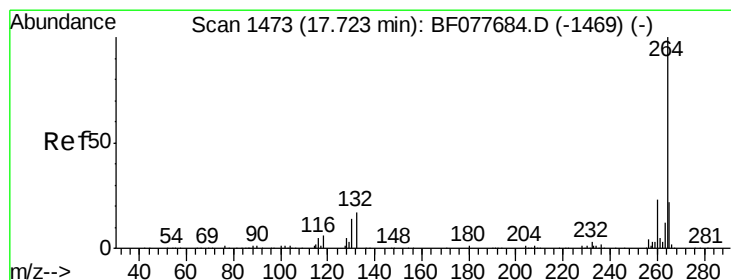
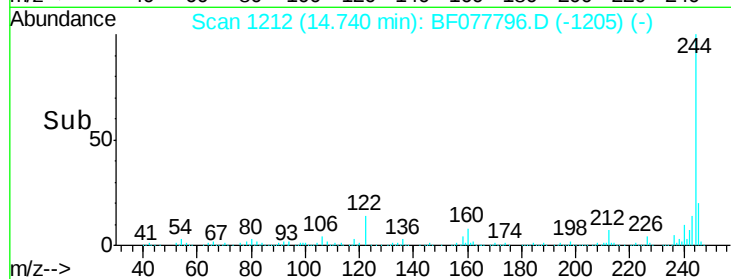
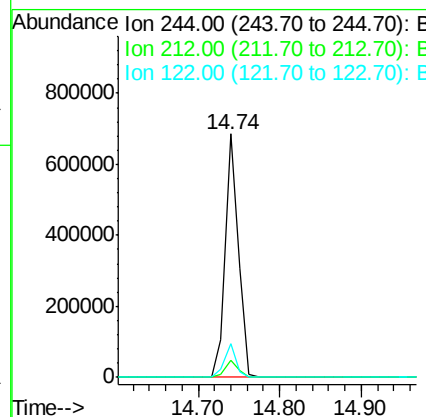
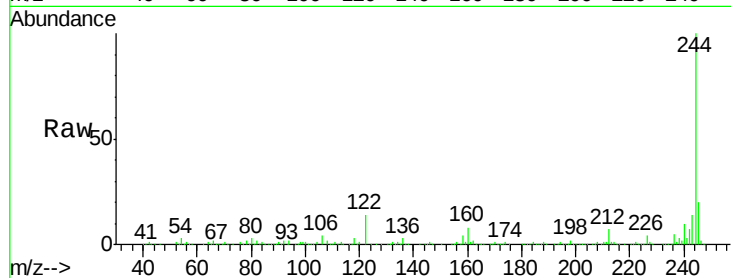
#78
 Terphenyl-d14
 Concen: 109.61 ng/ml
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF077796.D
 Acq: 18 Mar 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	13.7	6.2	9.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1477
 Delta R.T. -0.33 min
 Lab File: BF077796.D
 Acq: 18 Mar 2015 12:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.3	17.3	25.9

