

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077797.D
 Acq On : 18 Mar 2015 12:43
 Operator : TP/IZ
 Sample : G1457-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Manual Integrations
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Quant Time: Mar 18 13:48:21 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	43217	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	172381	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	83981	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	171863	20.00	ng	-0.01
75) Chrysene-d12	16.02	240	170053	20.00	ng	-0.11
86) Perylene-d12	17.73	264	169924	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	76624	30.95	ng	0.01
7) Phenol-d6	6.73	99	97645	31.92	ng	0.00
23) Nitrobenzene-d5	7.85	82	53242	20.25	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	24261	30.19	ng	-0.01
44) 2-Fluorobiphenyl	10.08	172	131239	22.97	ng	-0.01
78) Terphenyl-d14	14.74	244	157217m	22.58	ng	-0.02
Target Compounds						Qvalue
8) 2-Chlorophenol	6.89	128	26951	9.14	ng	98
10) Phenol	6.74	94	72427	20.03	ng	# 70
17) 2-Methylphenol	7.49	107	40261	16.78	ng	98
20) 3+4-Methylphenols	7.69	107	30476	9.68	ng	88
26) 2-Nitrophenol	8.27	139	36765	26.51	ng	93
27) 2,4-Dimethylphenol	8.34	122	20581	8.14	ng	96
29) 2,4-Dichlorophenol	8.57	162	26474	10.99	ng	99
36) 4-Chloro-3-methylphenol	9.45	107	47143	19.45	ng	97
42) 2,4,6-Trichlorophenol	9.97	196	28795	16.60	ng	98
43) 2,4,5-Trichlorophenol	10.02	196	53958	28.79	ng	97
53) 2,4-Dinitrophenol	11.00	184	4462	16.52	ng	# 87
55) 4-Nitrophenol	11.08	139	23475	21.13	ng	# 75
64) 4,6-Dinitro-2-methylphenol	11.65	198	12028	17.79	ng	92
69) Pentachlorophenol	12.51	266	28205	28.77	ng	97

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

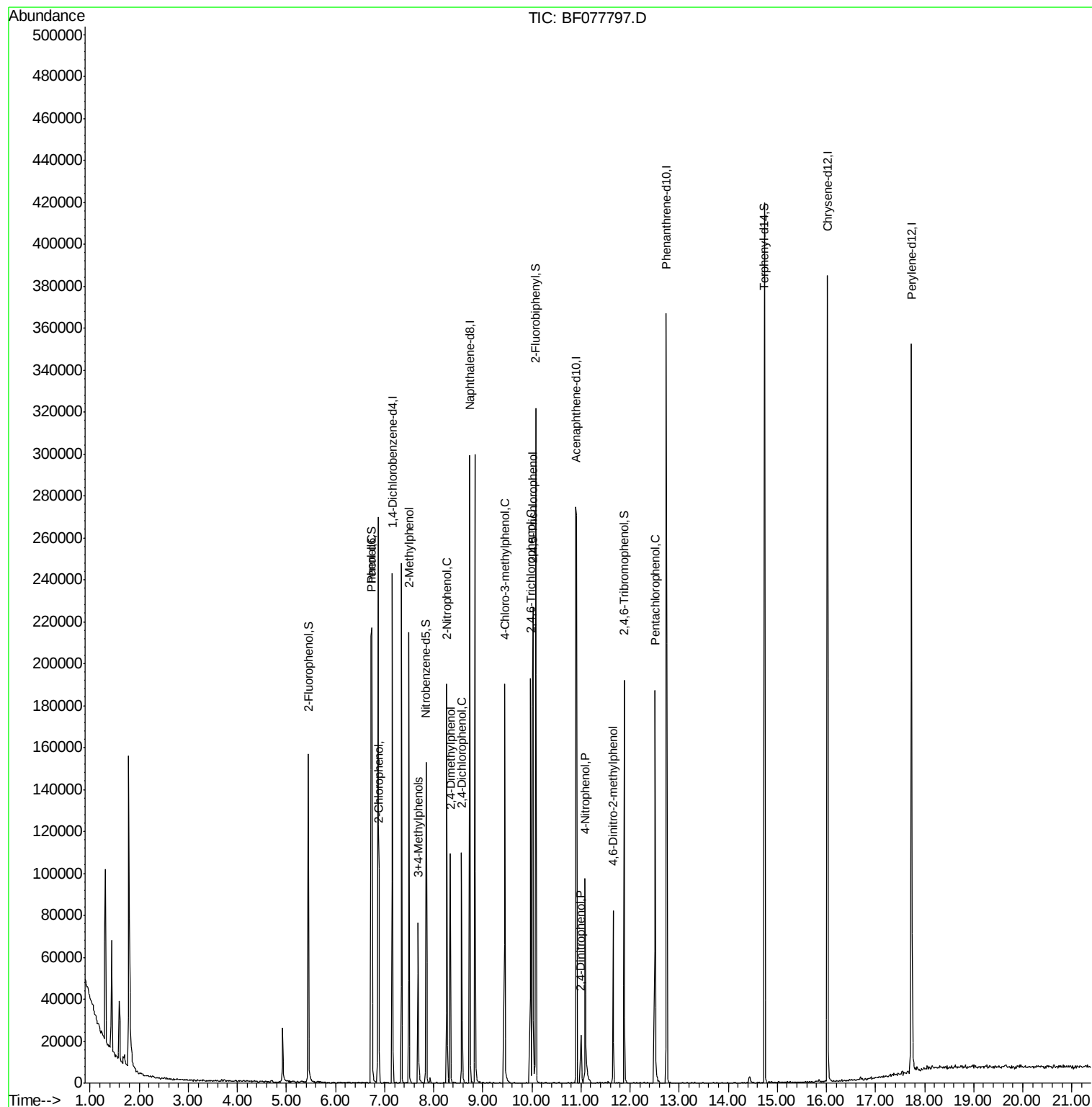
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
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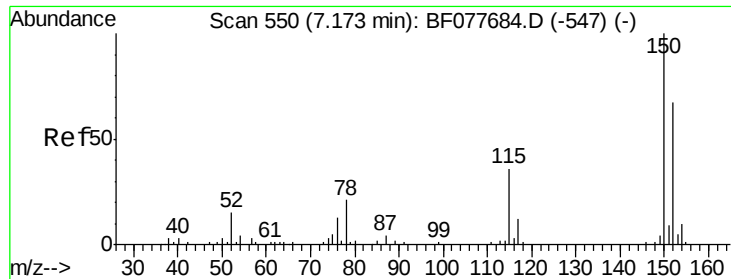
Instrument :
BNA_F
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Quant Time: Mar 18 13:48:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 13:16:00 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

Instrument :

BNA_F

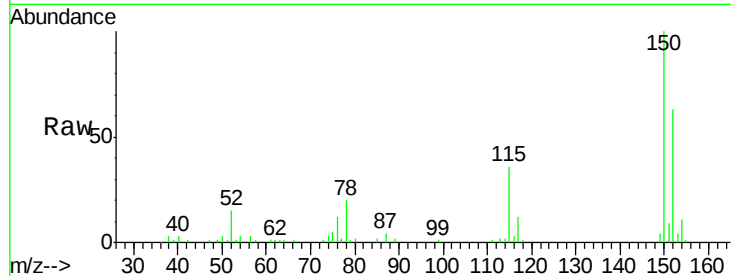
ClientSampleId :

PT-ACIDS-WPDL

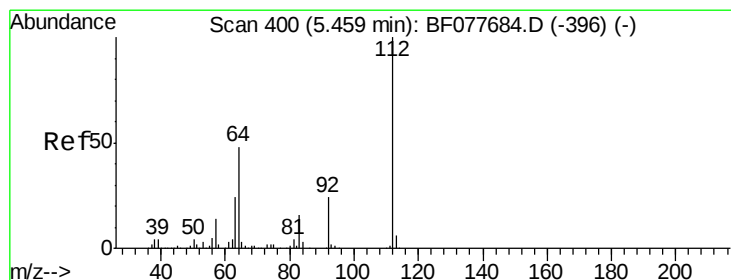
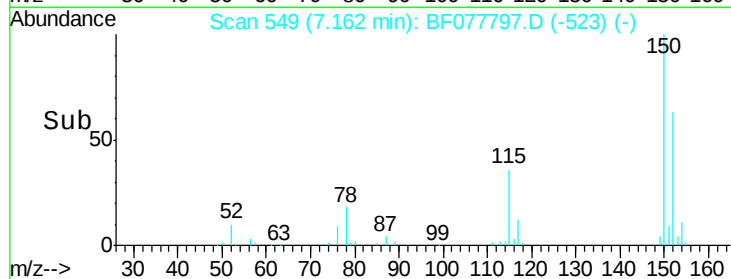
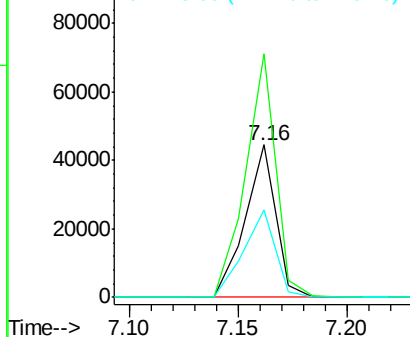
Tot Ion:	152	Resp:	43217
Ion Ratio	Lower	Upper	
152	100		
150	159.5	119.5	179.3
115	57.6	43.0	64.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 30.95 ng

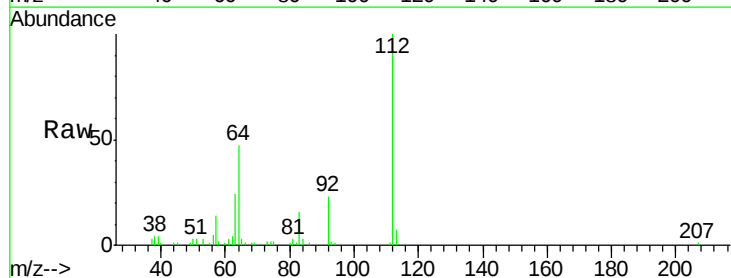
RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

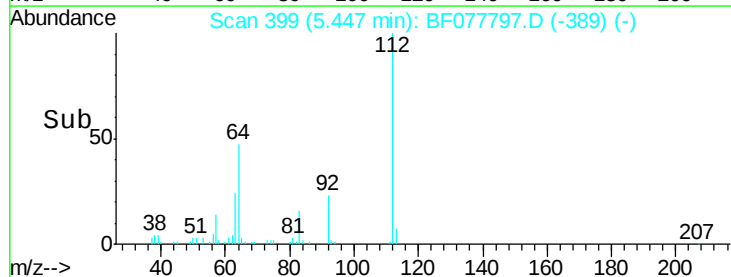
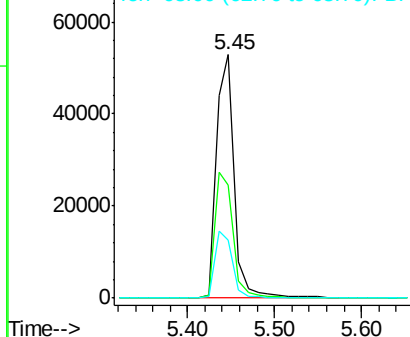
Lab File: BF077797.D

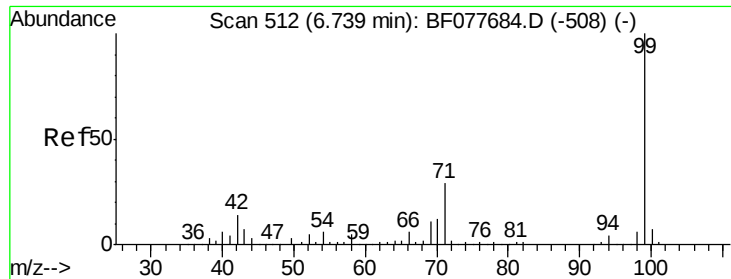
Acq: 18 Mar 2015 12:43

Tgt Ion:	112	Resp:	76624
Ion Ratio	Lower	Upper	
112	100		
64	46.7	38.6	57.8
63	23.9	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.92 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

Instrument :

BNA_F

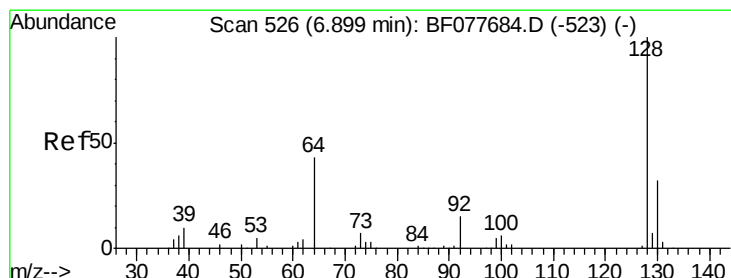
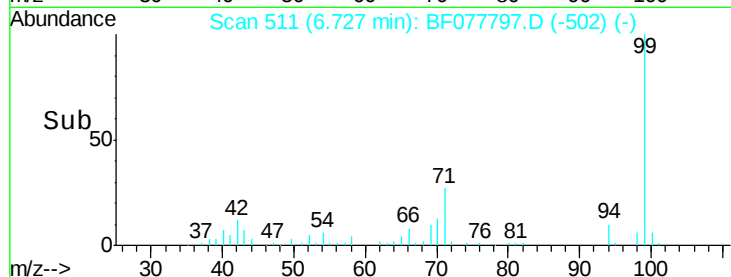
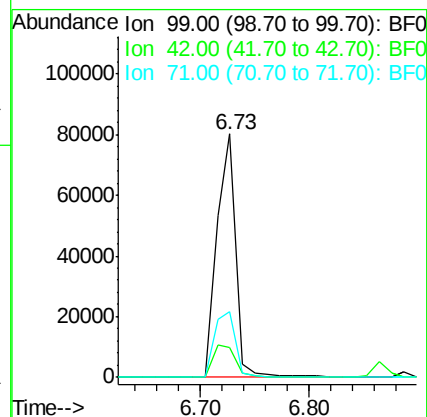
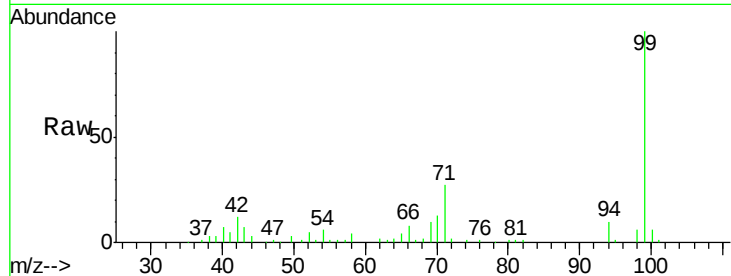
ClientSampleId :

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Tot Ion:	99	Resp:	97645
Ion Ratio	Lower	Upper	
99	100		
42	12.4	11.0	16.4
71	26.8	23.4	35.2

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#8

2-Chlorophenol

Concen: 9.14 ng

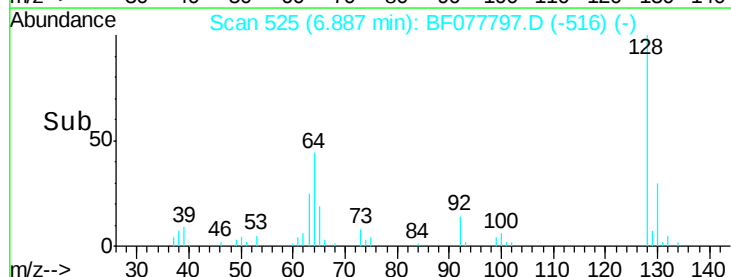
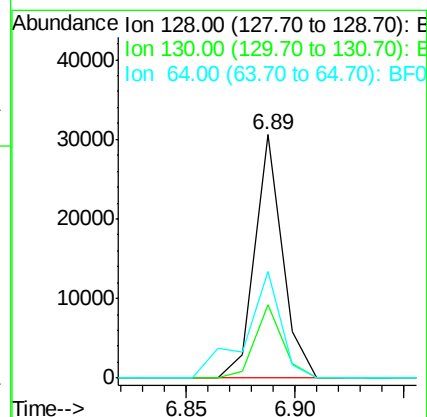
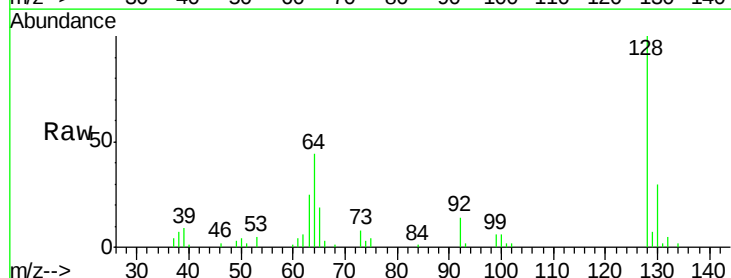
RT: 6.89 min Scan# 525

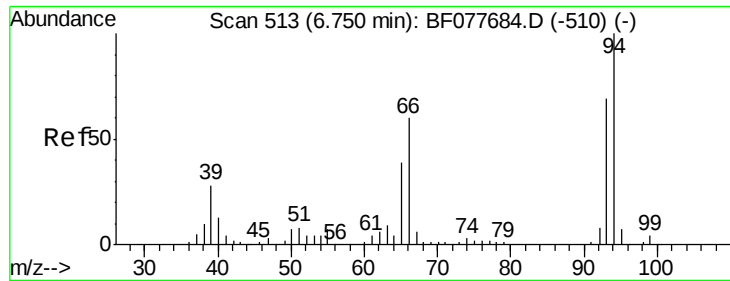
Delta R.T. -0.00 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

Tgt Ion:	128	Resp:	26951
Ion Ratio	Lower	Upper	
128	100		
130	30.3	12.0	52.0
64	44.0	24.9	64.9





#10

Phenol

Concen: 20.03 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

Instrument :

BNA_F

ClientSampleId :

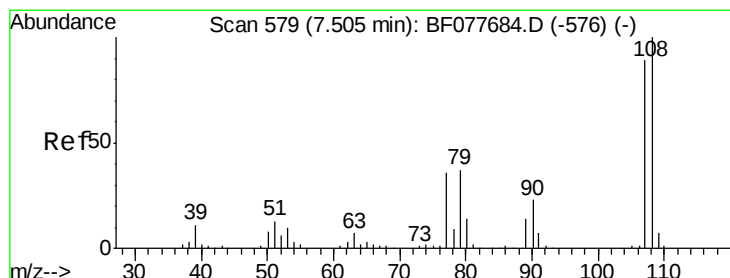
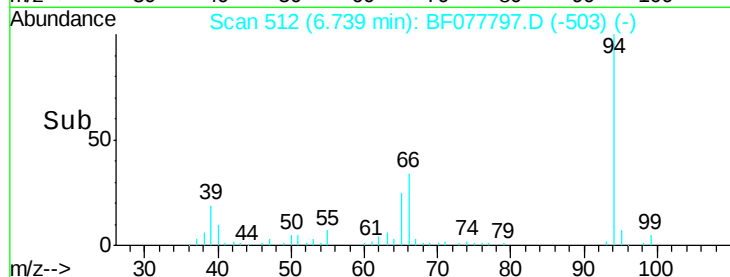
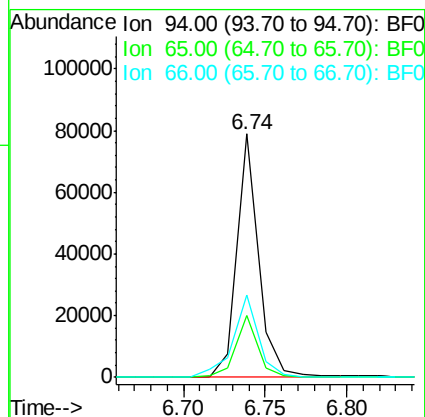
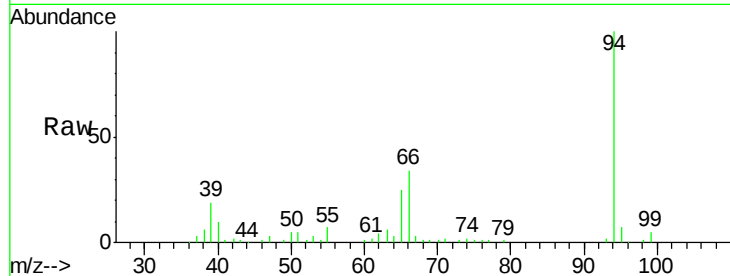
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Tot Ion: 94 Resp: 72427

Ion	Ratio	Lower	Upper
94	100		
65	25.3	18.8	58.8
66	33.9	39.9	79.9

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#17

2-Methylphenol

Concen: 16.78 ng

RT: 7.49 min Scan# 578

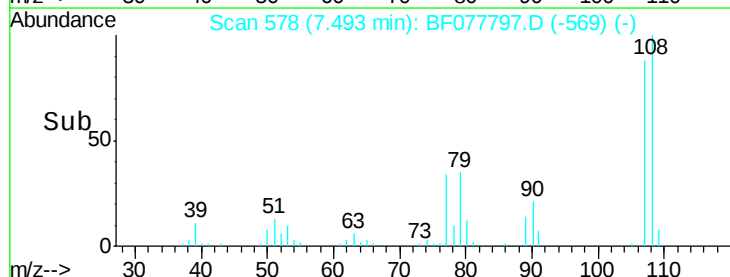
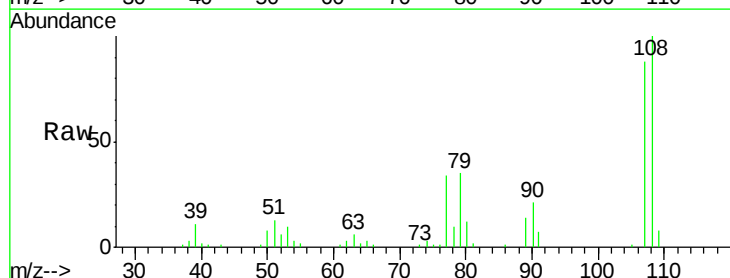
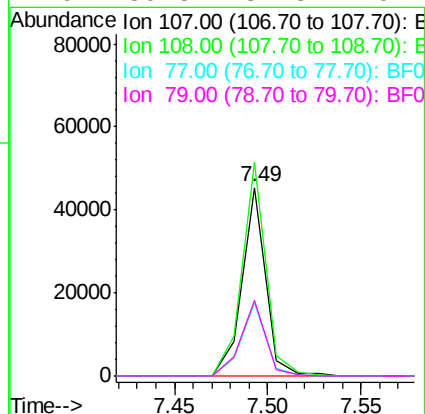
Delta R.T. -0.00 min

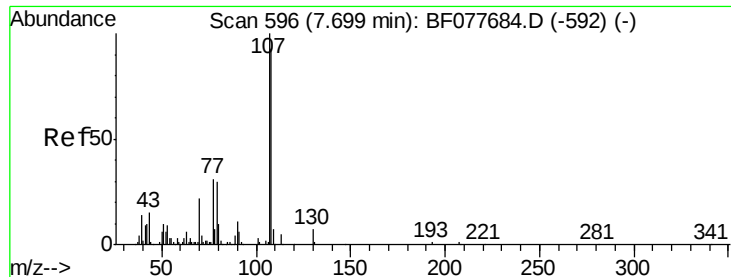
Lab File: BF077797.D

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Tgt Ion: 107 Resp: 40261

Ion	Ratio	Lower	Upper
107	100		
108	113.4	89.8	134.8
77	39.1	32.6	48.8
79	39.8	32.8	49.2





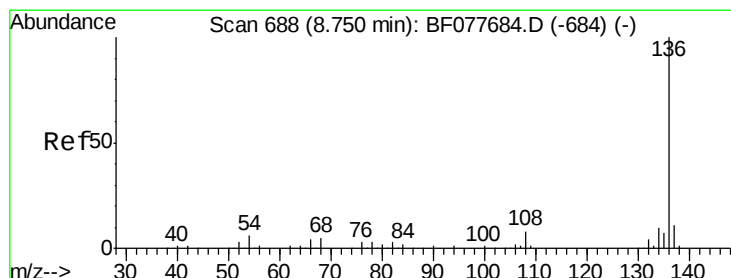
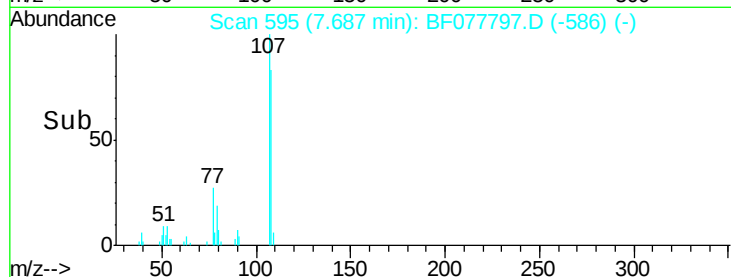
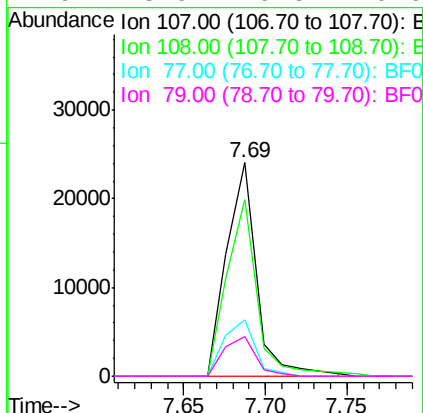
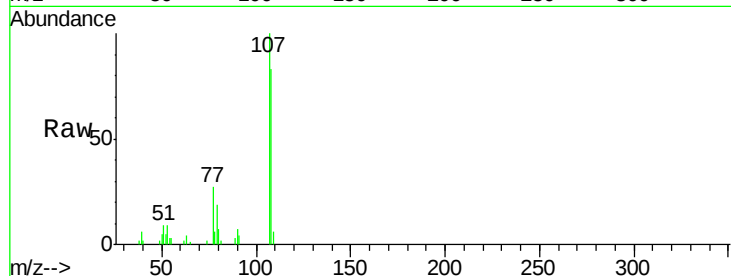
#20
3+4-Methylphenols
Concen: 9.68 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077797.D
Acq: 18 Mar 2015 12:43

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion:	107	Resp:	30476
Ion Ratio	Lower	Upper	
107	100		
108	82.8	73.2	113.2
77	26.7	10.7	50.7
79	18.9	9.6	49.6

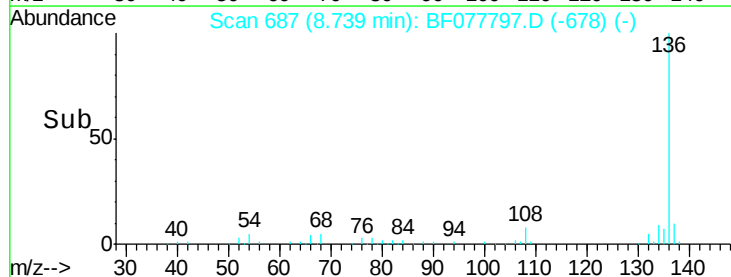
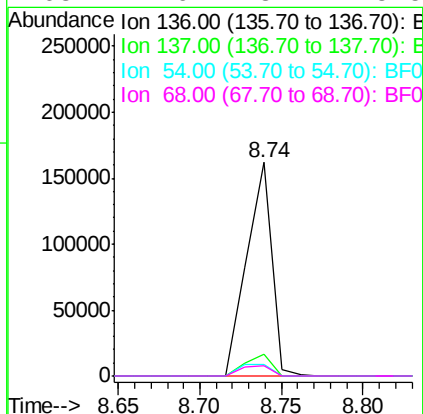
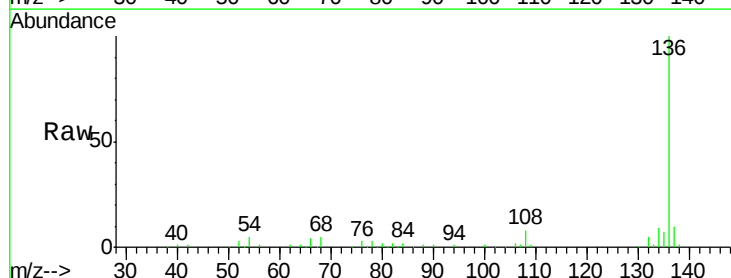
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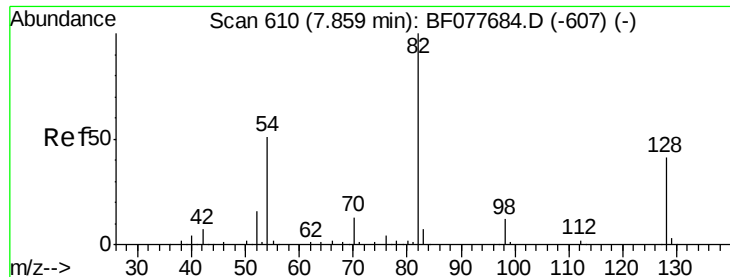
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077797.D
Acq: 18 Mar 2015 12:43

Tgt Ion:	136	Resp:	172381
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.7	13.1
54	5.4	4.6	6.8
68	4.6	3.7	5.5





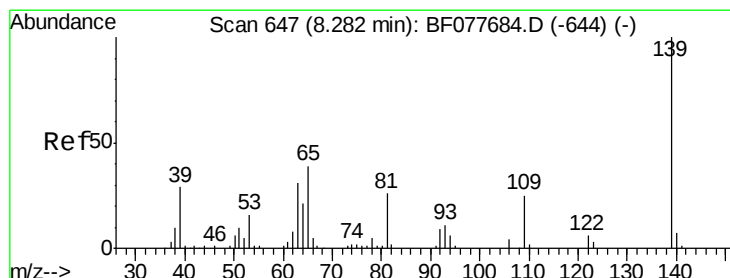
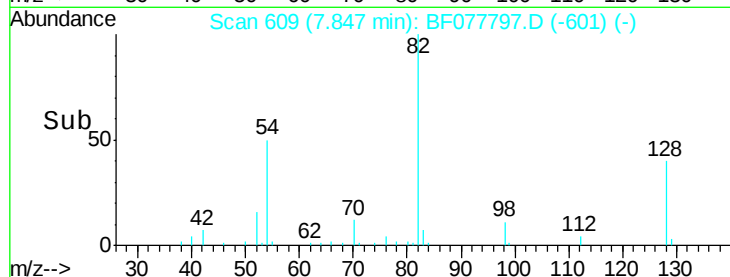
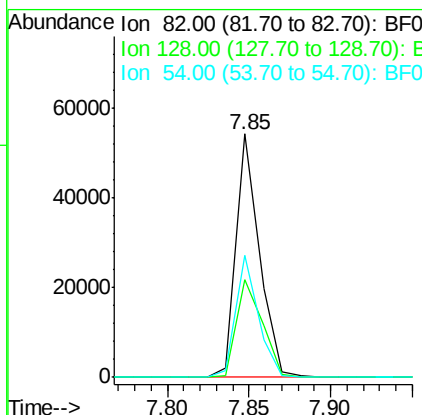
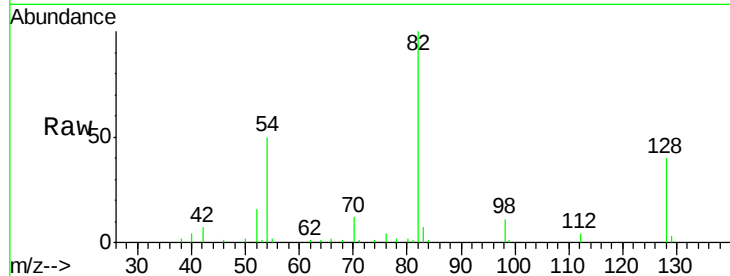
#23
Nitrobenzene-d5
Concen: 20.25 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF077797.D
Acq: 18 Mar 2015 12:43

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.8	49.2
54	50.3	40.6	60.8

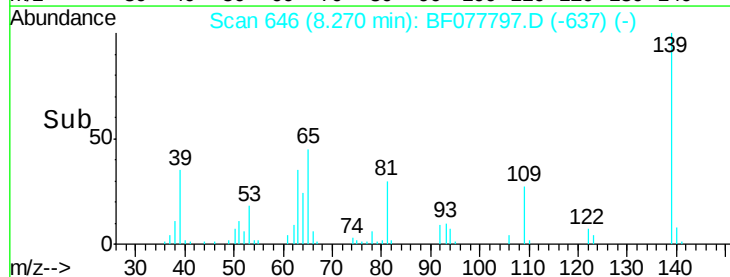
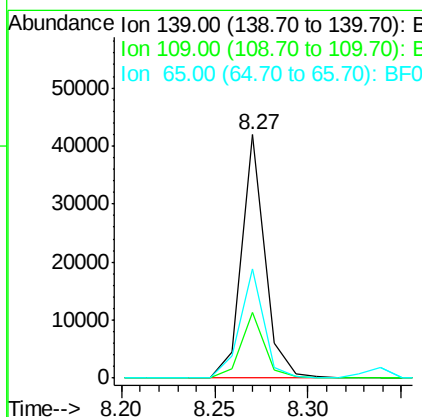
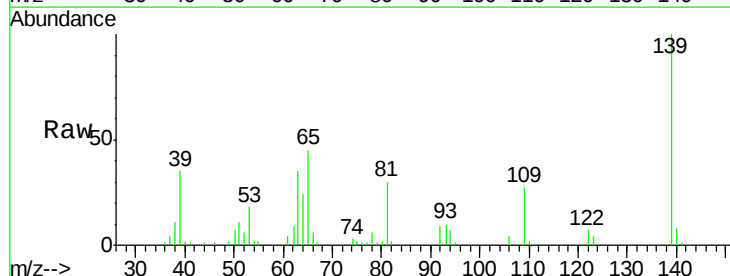
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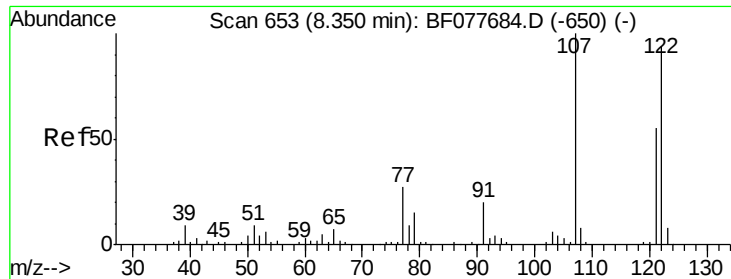
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#26
2-Nitrophenol
Concen: 26.51 ng
RT: 8.27 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF077797.D
Acq: 18 Mar 2015 12:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.0	20.1	30.1
65	44.6	31.5	47.3





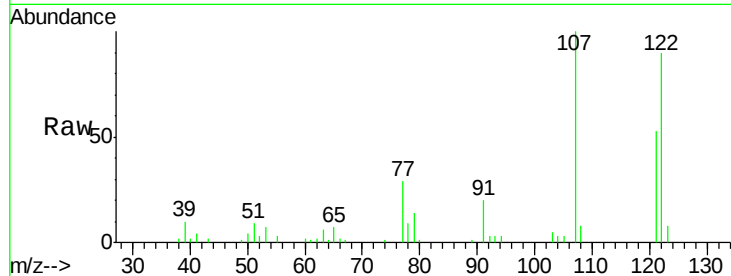
#27
2,4-Dimethylphenol
Concen: 8.14 ng
RT: 8.34 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF077797.D
Acq: 18 Mar 2015 12:43

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	84.7	127.1
121	59.3	46.6	69.8

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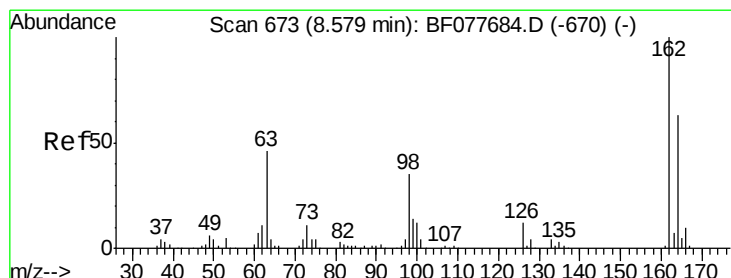
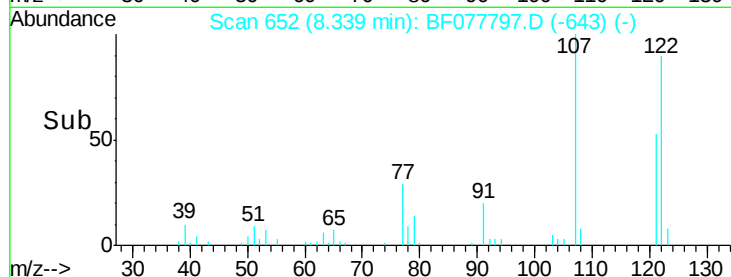
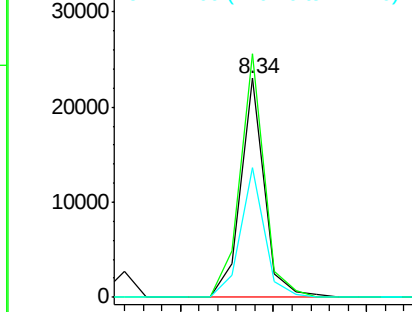


Abundance

Ion 122.00 (121.70 to 122.70): E

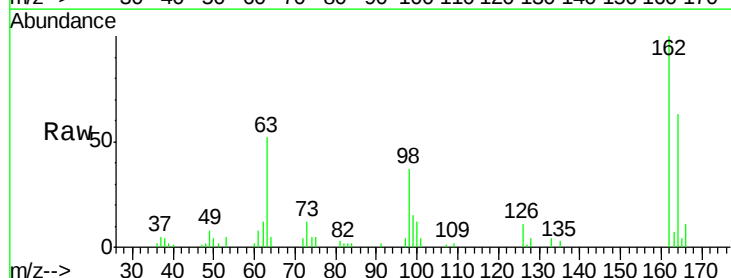
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#29
2,4-Dichlorophenol
Concen: 10.99 ng
RT: 8.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF077797.D
Acq: 18 Mar 2015 12:43

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.8	82.8
98	36.8	14.5	54.5

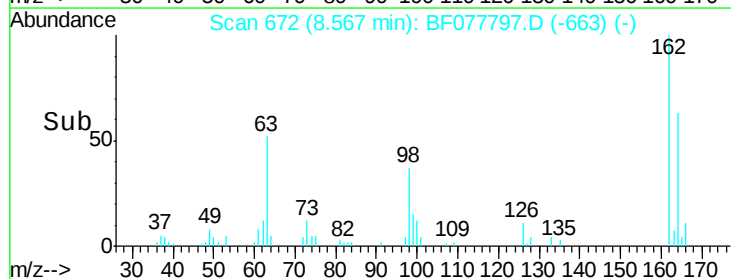
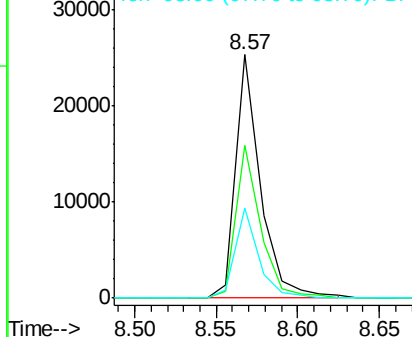


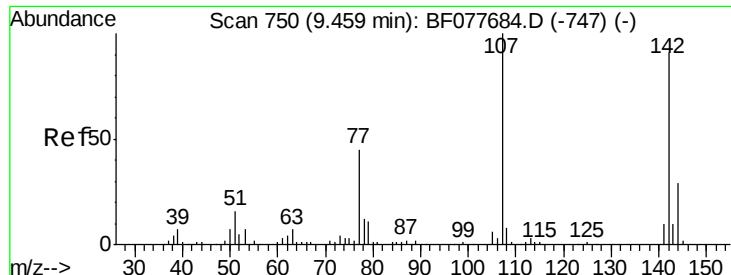
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0





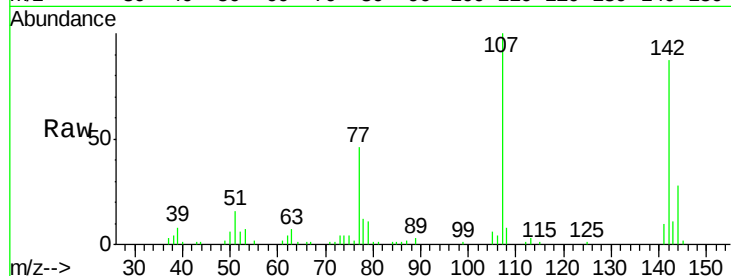
#36
 4-Chloro-3-methylphenol
 Concen: 19.45 ng
 RT: 9.45 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
47143	107	100			
	144	28.3	23.3	34.9	
	142	86.9	72.6	109.0	

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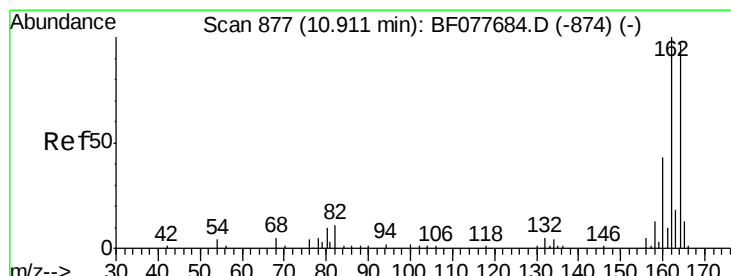
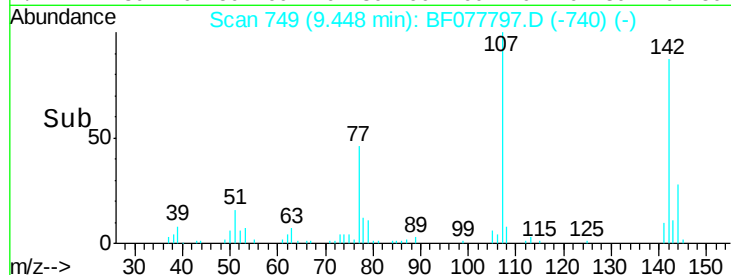
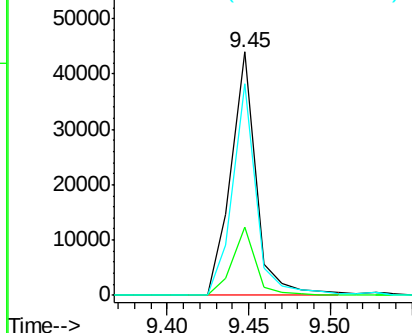


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

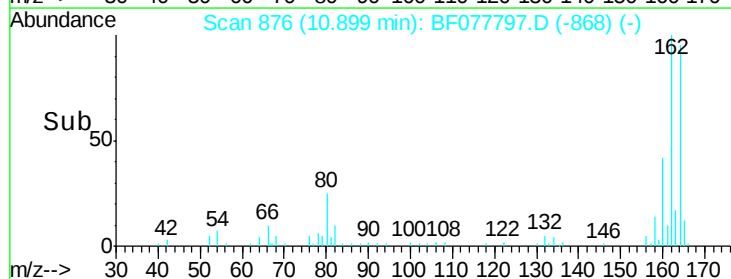
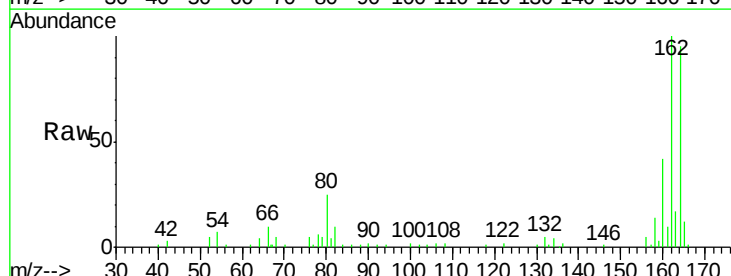
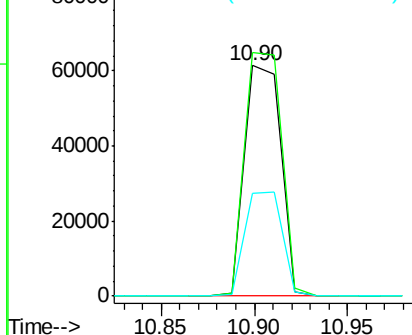
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83981	164	100			
	162	105.7	82.4	123.6	
	160	44.4	35.8	53.6	

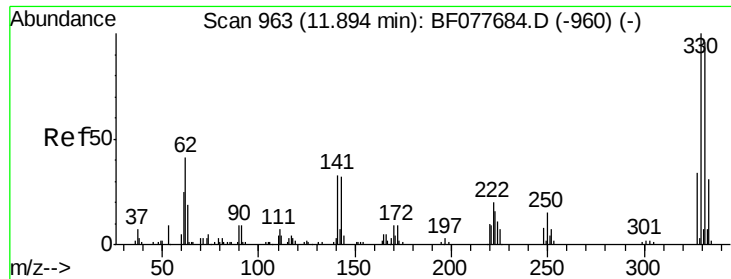
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





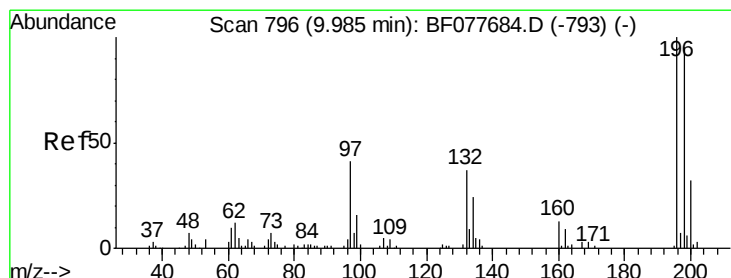
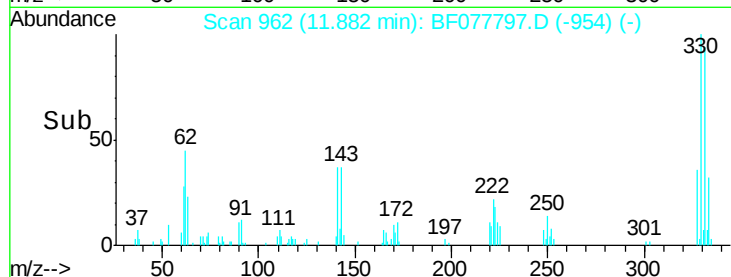
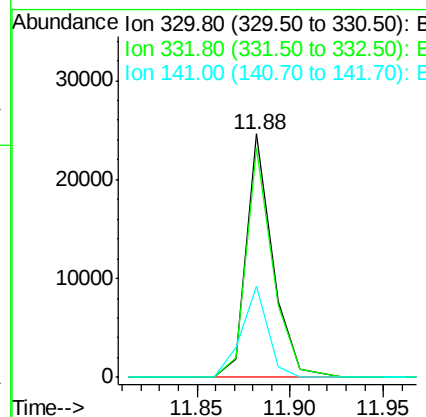
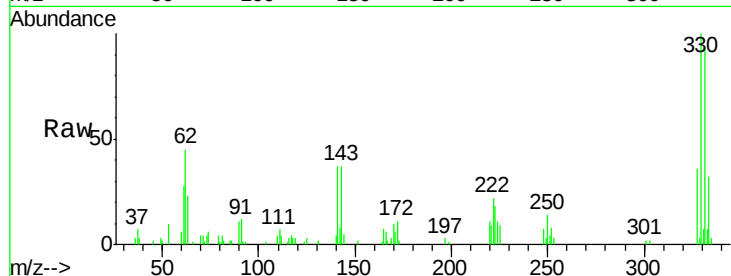
#41
 2,4,6-Tribromophenol
 Concen: 30.19 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	37.6	0.0	0.0#

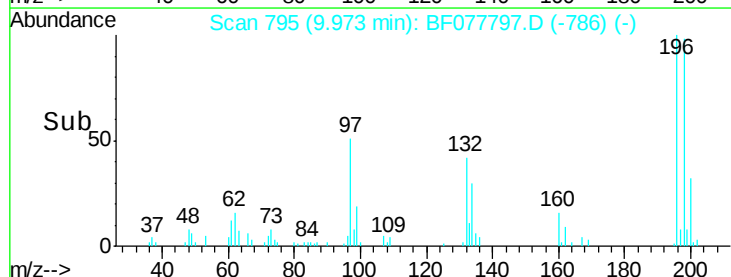
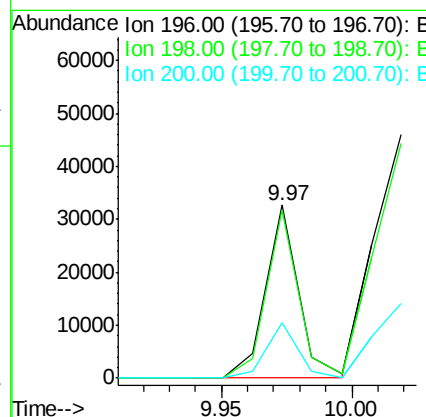
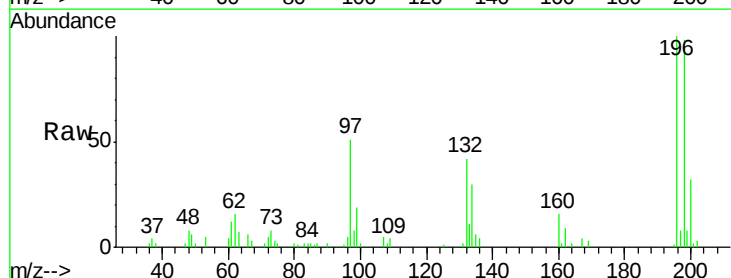
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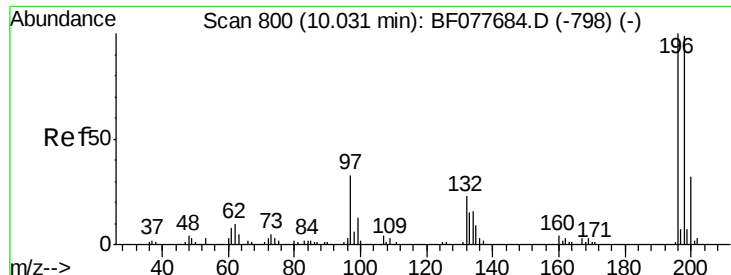
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 16.60 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.5	76.3	114.5
200	31.9	25.6	38.4





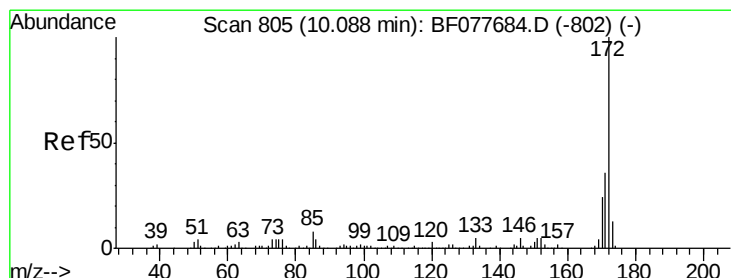
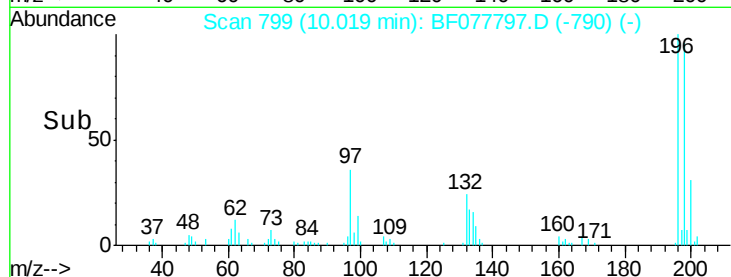
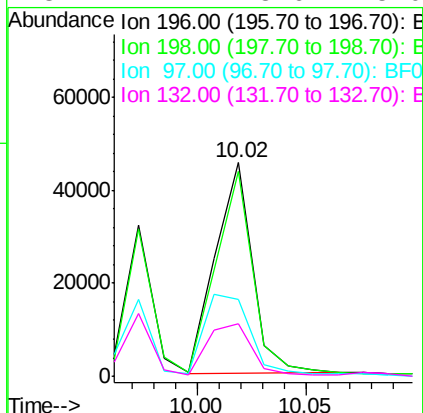
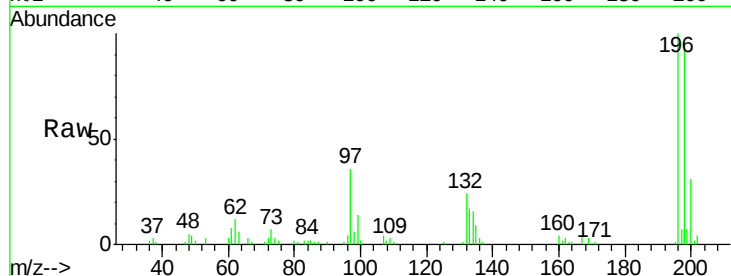
#43
 2,4,5-Trichlorophenol
 Concen: 28.79 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion	Ratio	Resp	Lower	Upper
196	100	53958		
198	96.2		79.4	119.0
97	36.2		26.8	40.2
132	24.4		18.6	28.0

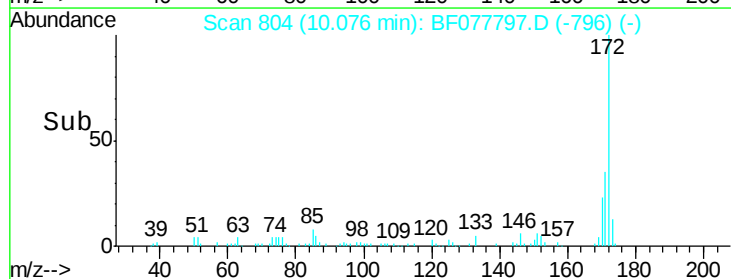
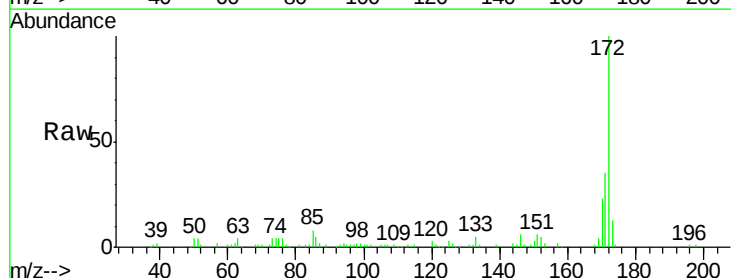
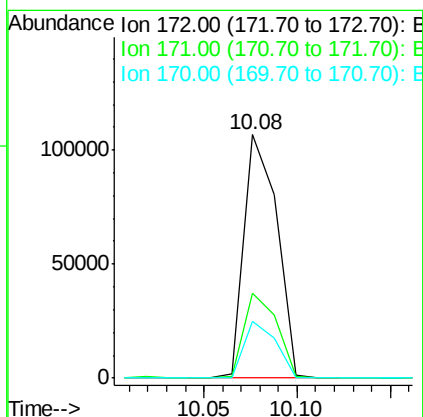
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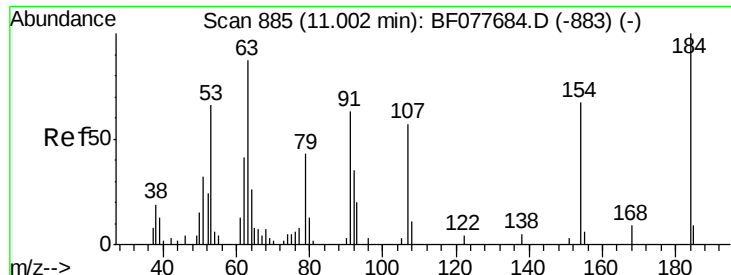
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 22.97 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	131239		
171	34.8		28.5	42.7
170	23.3		18.8	28.2





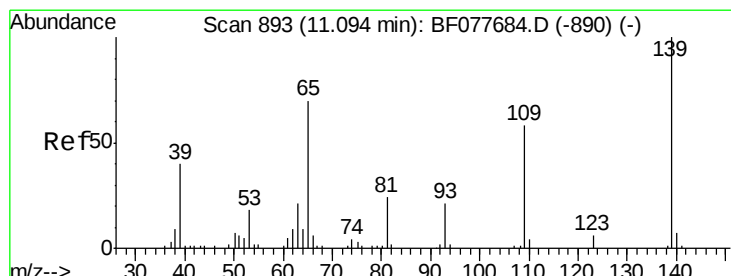
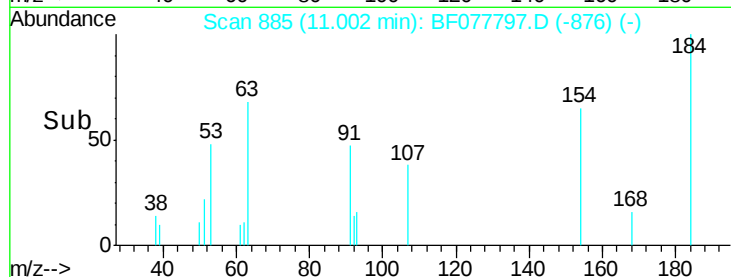
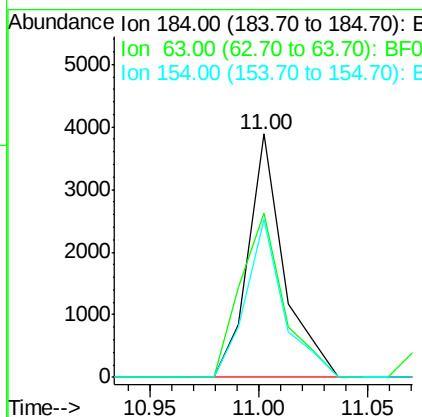
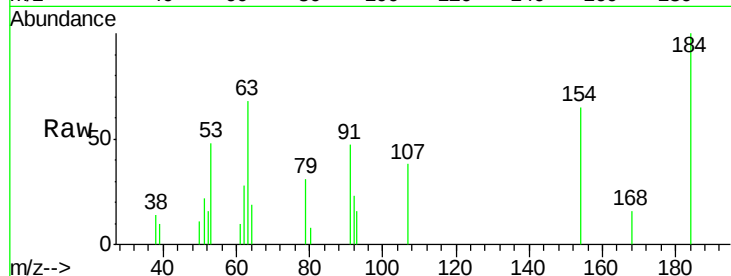
#53
 2,4-Dinitrophenol
 Concen: 16.52 ng
 RT: 11.00 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.6	69.2	103.8#
154	64.7	53.3	79.9

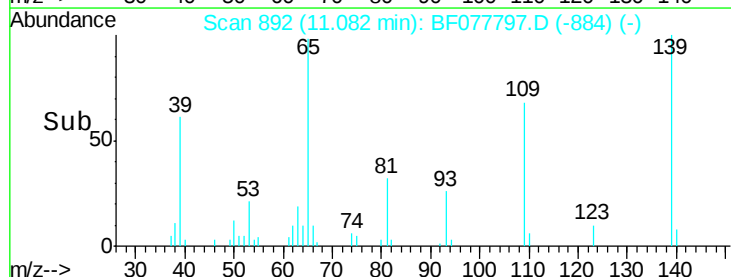
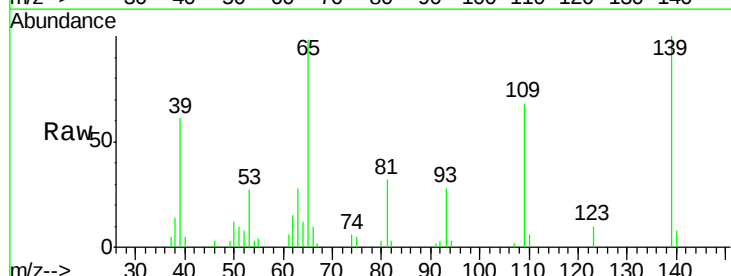
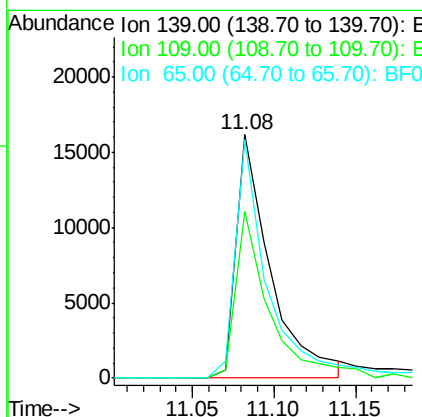
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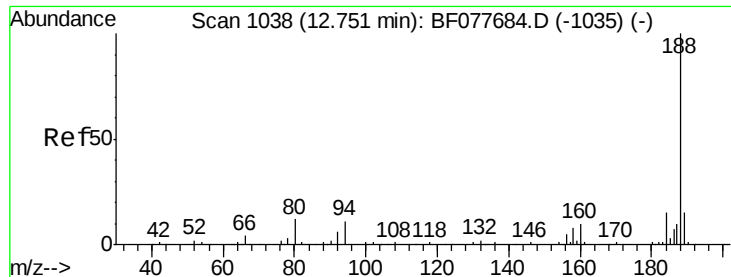
mohammad
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#55
 4-Nitrophenol
 Concen: 21.13 ng
 RT: 11.08 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.3	37.7	77.7
65	97.8	49.9	89.9#





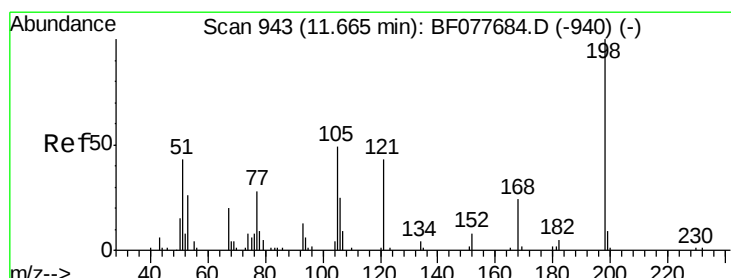
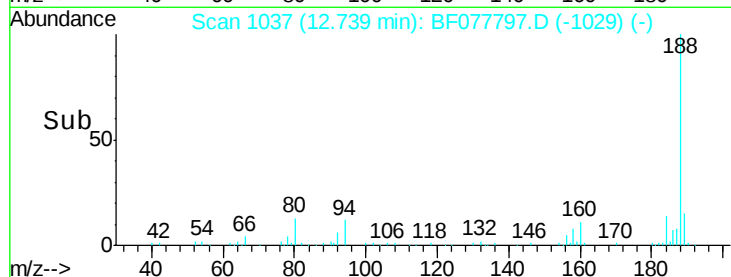
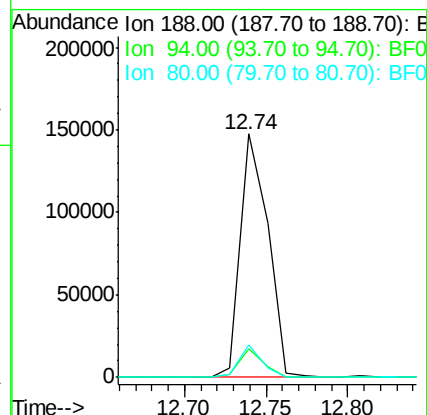
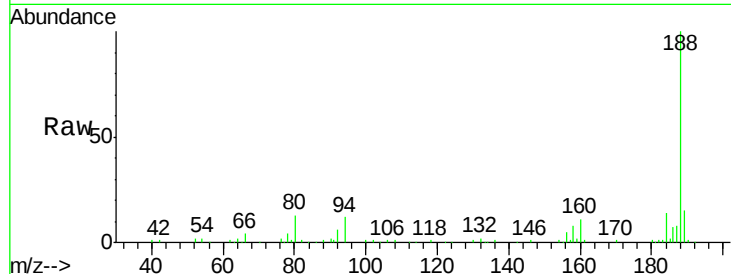
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF077797.D
Acq: 18 Mar 2015 12:43

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	171863		
94	11.8	8.7	13.1	
80	13.3	9.3	13.9	

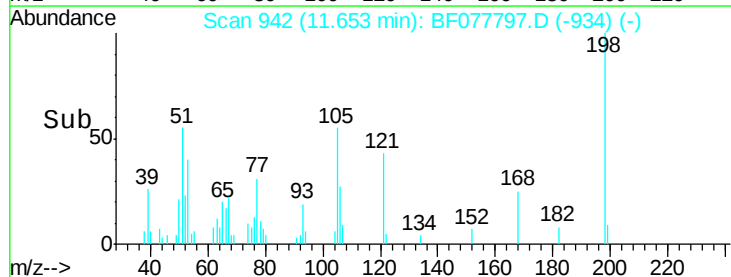
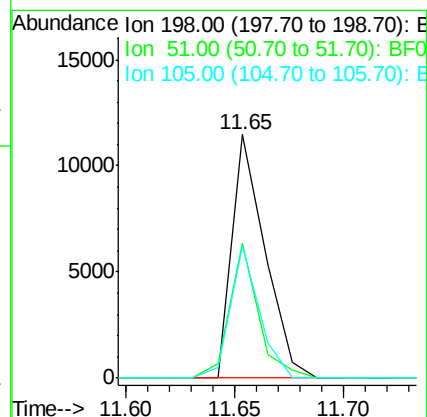
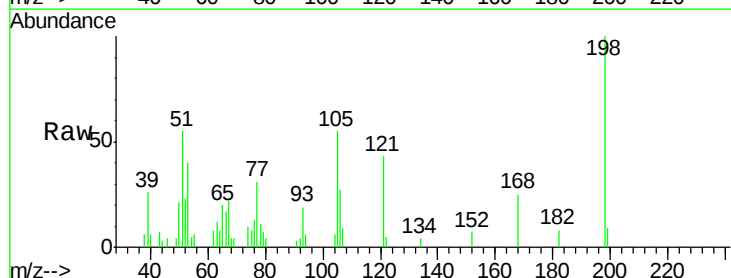
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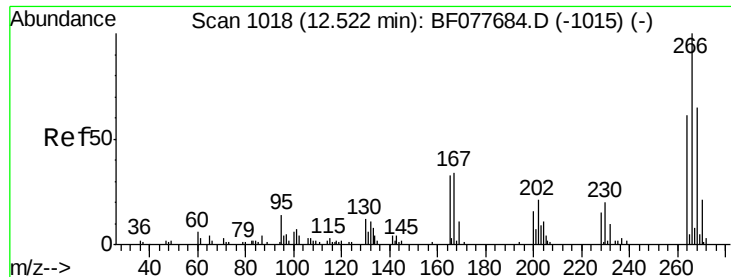
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 17.79 ng
RT: 11.65 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF077797.D
Acq: 18 Mar 2015 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	12028		
51	55.4	28.8	68.8	
105	54.5	30.5	70.5	





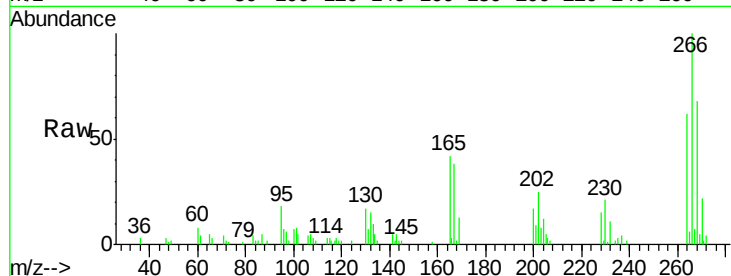
#69
 Pentachlorophenol
 Concen: 28.77 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion	Ratio	Resp	Lower	Upper
266	100	28205		
268	67.9	52.0	78.0	
264	62.4	49.0	73.4	

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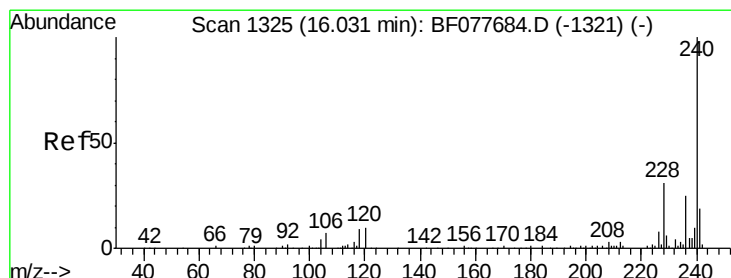
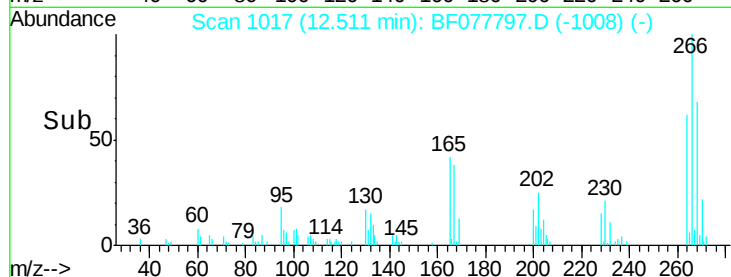
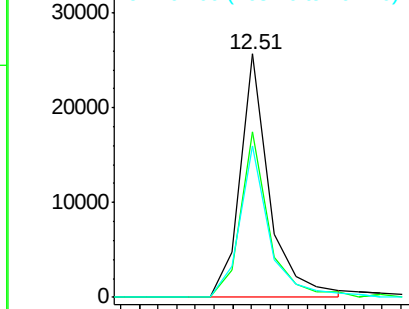


Abundance

Ion 265.70 (265.40 to 266.40): E

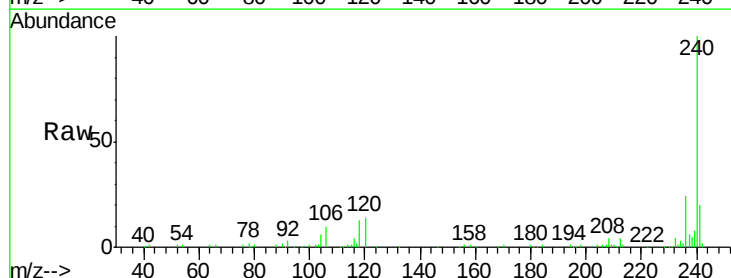
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.11 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	170053		
120	14.2	8.2	12.2#	
236	24.4	20.0	30.0	

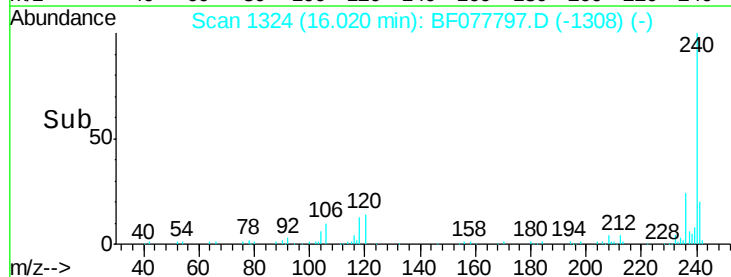
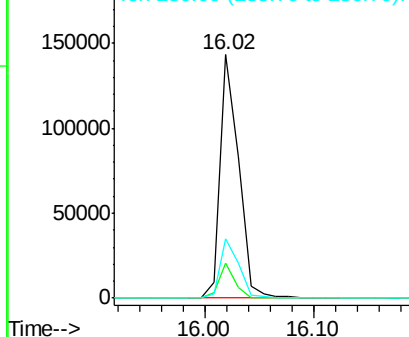


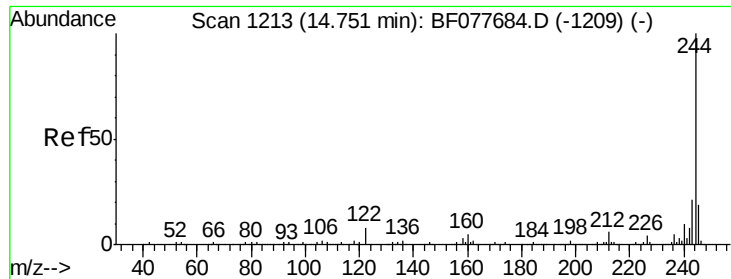
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





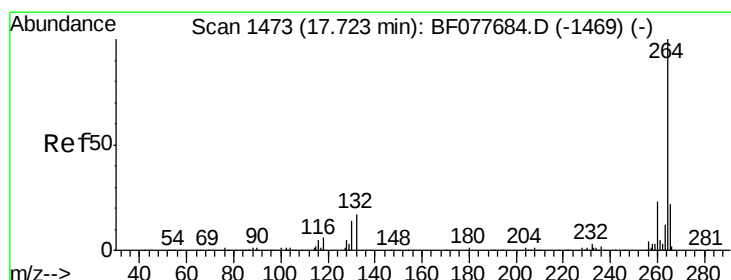
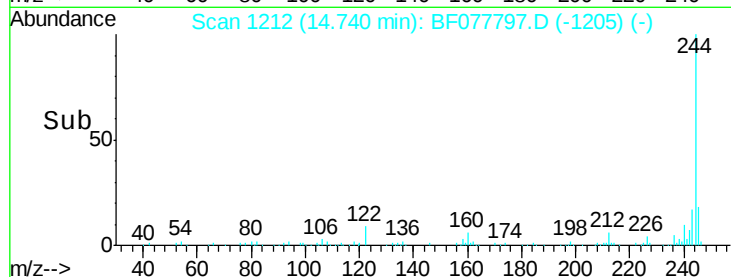
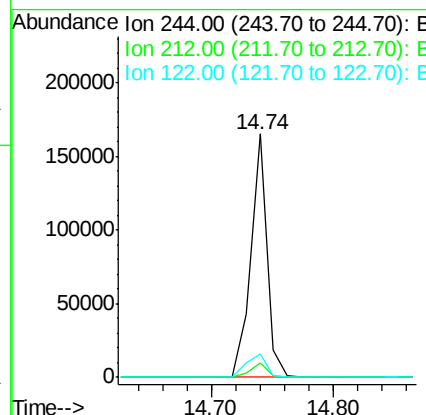
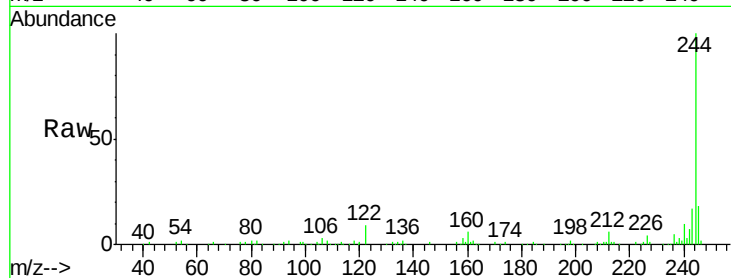
#78
 Terphenyl-d14
 Concen: 22.58 ng/ml
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	5.9	4.9	7.3
122	9.4	6.2	9.4

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1474
 Delta R.T. -0.37 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	18.6	27.8
265	20.8	17.3	25.9

