Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088284.D
Acq On : 23 Jun 2016 9:24
Operator : UM/SJ
Sample : H3084-02
Misc :
ALS Vial : 37 Sample Multiplier: 0.25

Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512

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Quant Time: Jun 23 14:09:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	15429	5.00	ng		0.01
21) Naphthalene-d8	7.91	136	77817	5.00	ng		0.01
38) Acenaphthene-d10	9.64	164	33626	5.00	ng		0.00
63) Phenanthrene-d10	11.12	188	52631	5.00	ng		0.00
75) Chrysene-d12	13.75	240	47038	5.00	ng		0.00
86) Perylene-d12	15.12	264	33710	5.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	18052	5.00	ng		0.05
7) Phenol-d6	6.32	99	16312	3.73	ng		0.06
23) Nitrobenzene-d5	7.19	82	20186	3.79	ng		0.01
41) 2,4,6-Tribromophenol	10.43	330	9991	7.03	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	48574	4.59	ng		0.01
78) Terphenyl-d14	12.70	244	40692	4.92	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.33	94	138919	31.89	ng		96
12) 1,3-Dichlorobenzene	6.55	146	136887	29.86	ng		96
13) 1,4-Dichlorobenzene	6.63	146	308675	66.84	ng		98
14) 1,2-Dichlorobenzene	6.80	146	1263649	300.86	ng	#	92
17) 2-Methylphenol	6.92	107	159170	45.93	ng		98
20) 3+4-Methylphenols	7.10	107	765278	189.27	ng	#	78
22) Acetophenone	7.05	105	153014	22.00	ng	#	96
27) 2,4-Dimethylphenol	7.62	122	178255	35.00	ng	#	92
30) 1,2,4-Trichlorobenzene	7.85	180	12556	2.71	ng		97
31) Naphthalene	7.93	128	914290	59.36	ng		100
37) 2-Methylnaphthalene	8.62	142	105868m	10.43	ng		
45) 1,1'-Biphenyl	9.08	154	42088	3.04	ng		92
49) Dimethylphthalate	9.38	163	43613	4.48	ng	#	92
59) Diethylphthalate	10.08	149	62844	6.37	ng		99

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

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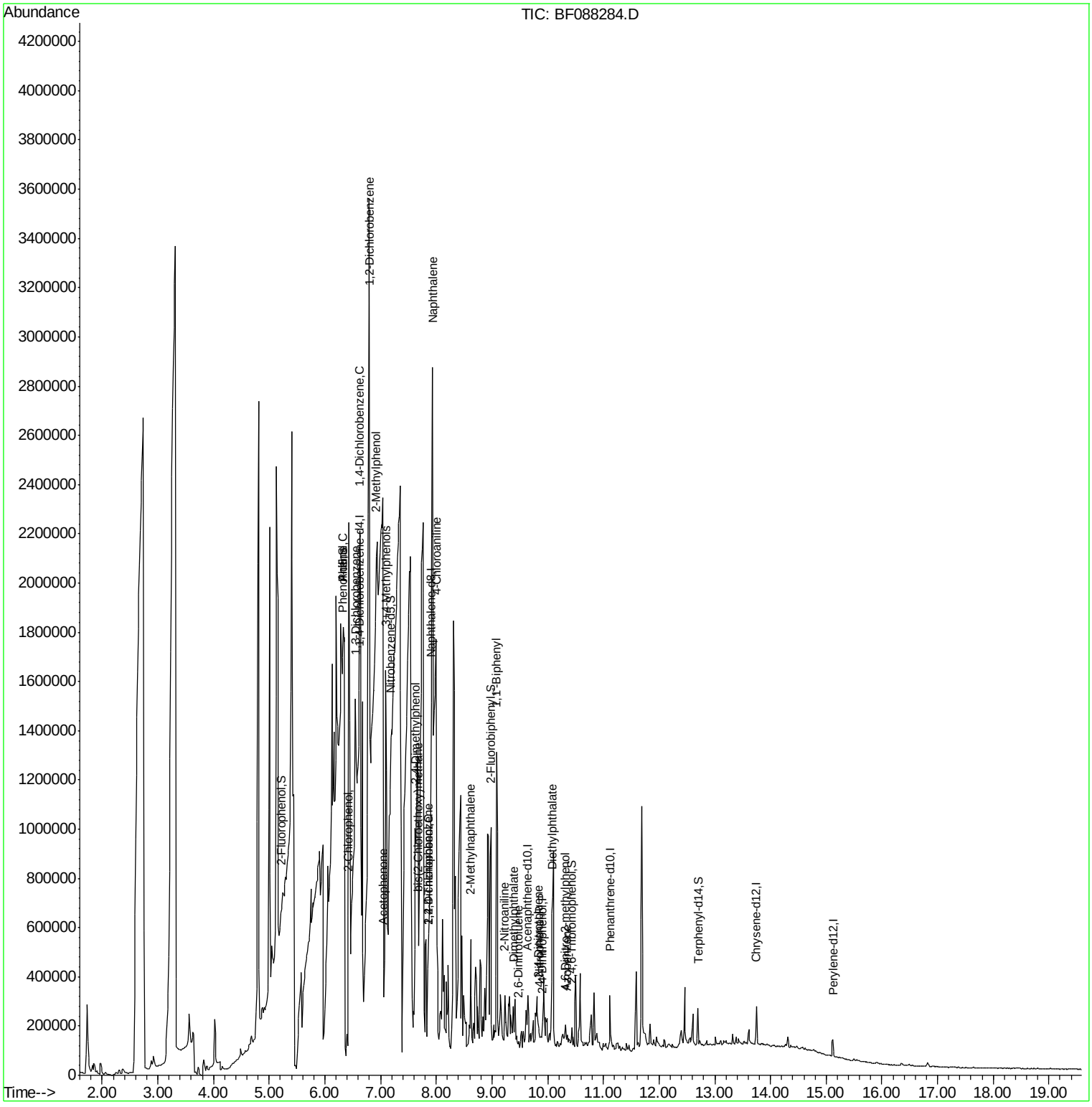
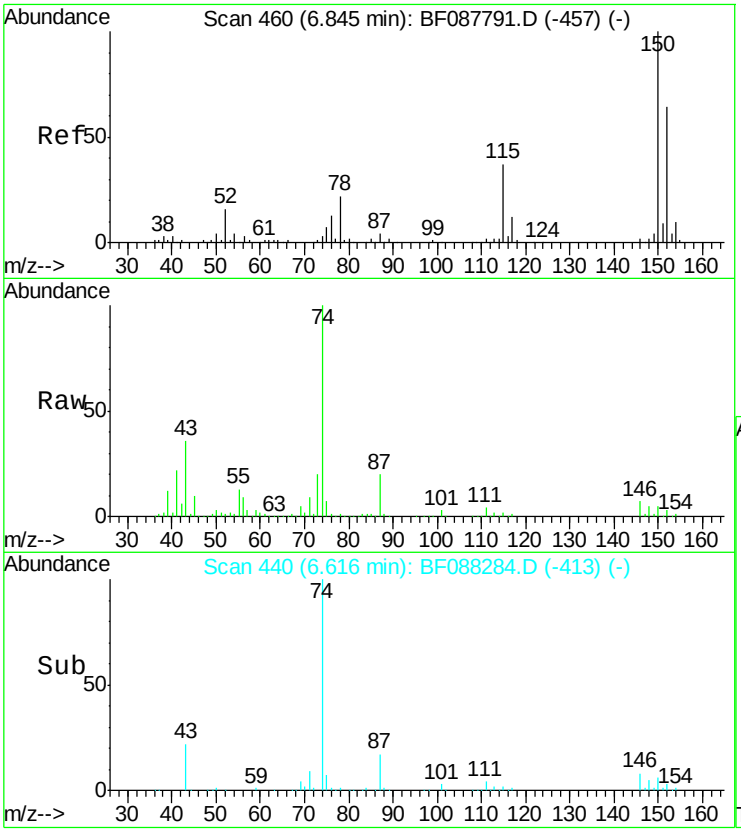
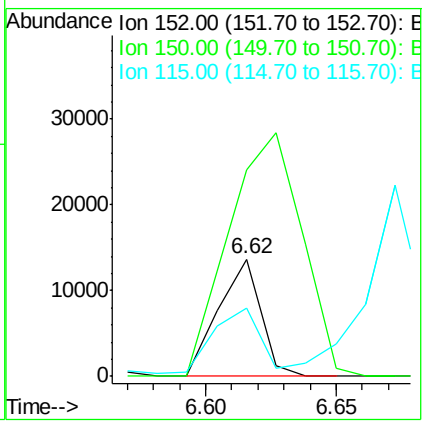




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.62 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:152 Resp: 15429

Ion	Ratio	Lower	Upper
152	100		
150	176.4	123.8	185.6
115	57.7	39.6	59.4



Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512

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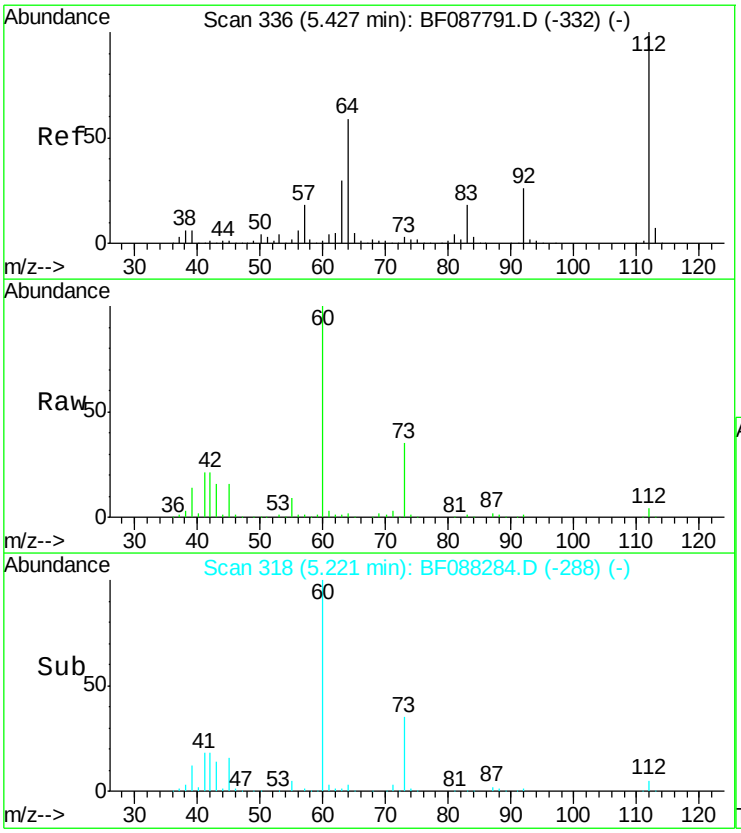
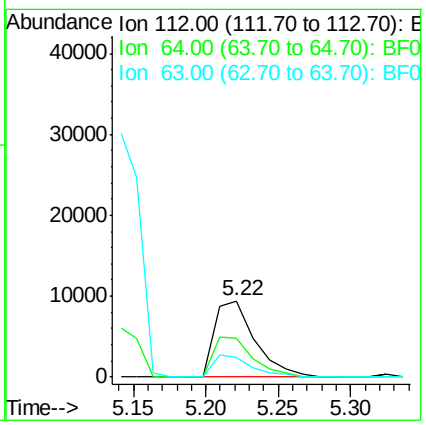
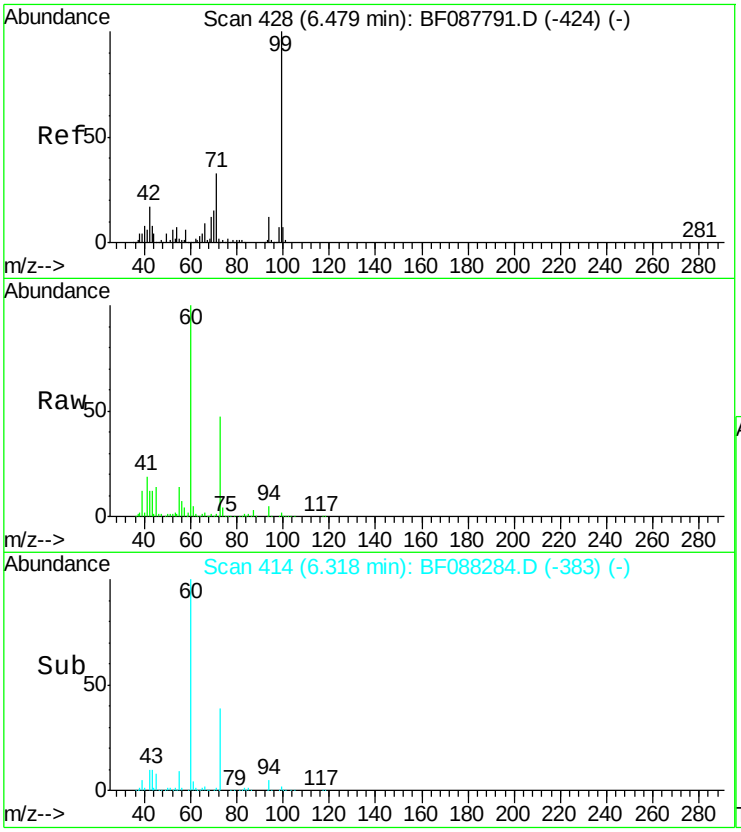


#5
2-Fluorophenol
Concen: 5.00 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.05 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:112 Resp: 18052

Ion	Ratio	Lower	Upper
112	100		
64	50.3	42.2	63.2
63	25.8	21.8	32.8

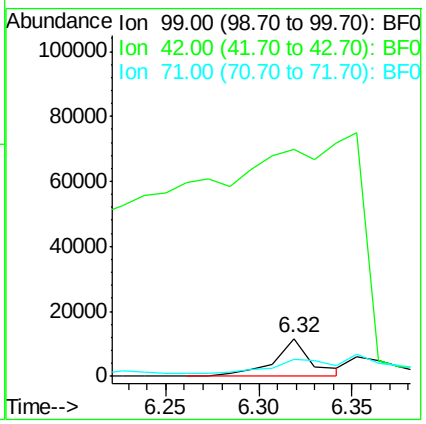




#7
Phenol-d6
Concen: 3.73 ng
RT: 6.32 min Scan# 414
Delta R.T. 0.06 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion: 99 Resp: 16312

Ion	Ratio	Lower	Upper
99	100		
42	603.0	12.2	18.2#
71	44.8	23.4	35.0#



Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512

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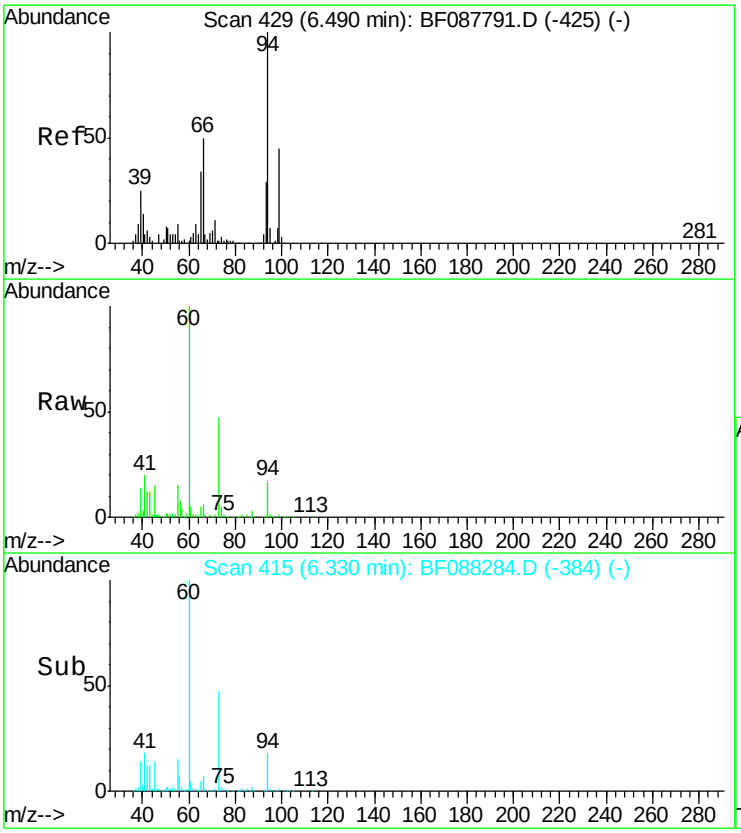
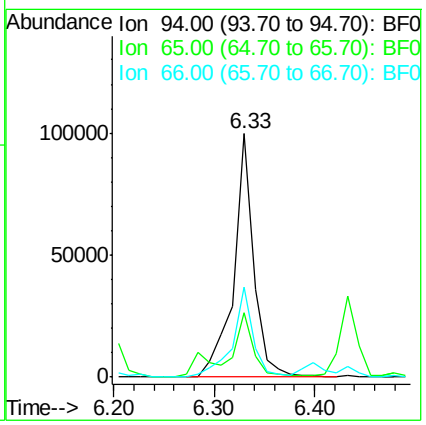
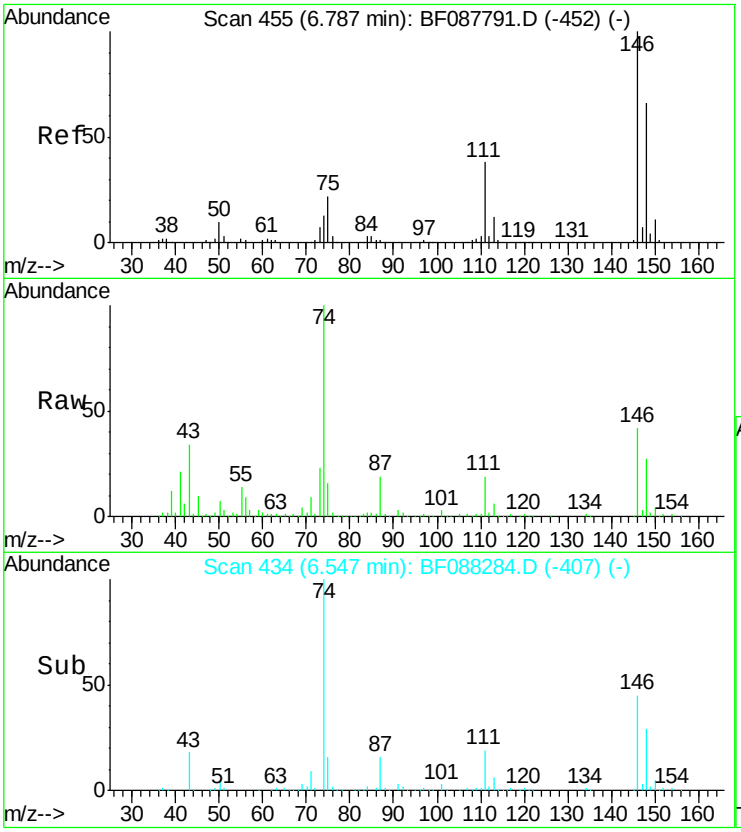


#10
Phenol
Concen: 31.89 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.06 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion: 94 Resp: 138919

Ion	Ratio	Lower	Upper
94	100		
65	26.7	5.9	45.9
66	36.9	14.0	54.0

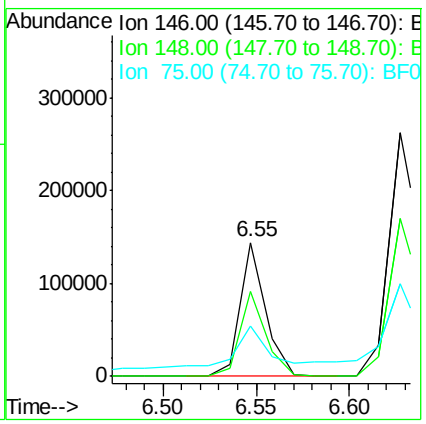




#12
1,3-Dichlorobenzene
Concen: 29.86 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:146 Resp: 136887

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
75	37.6	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512

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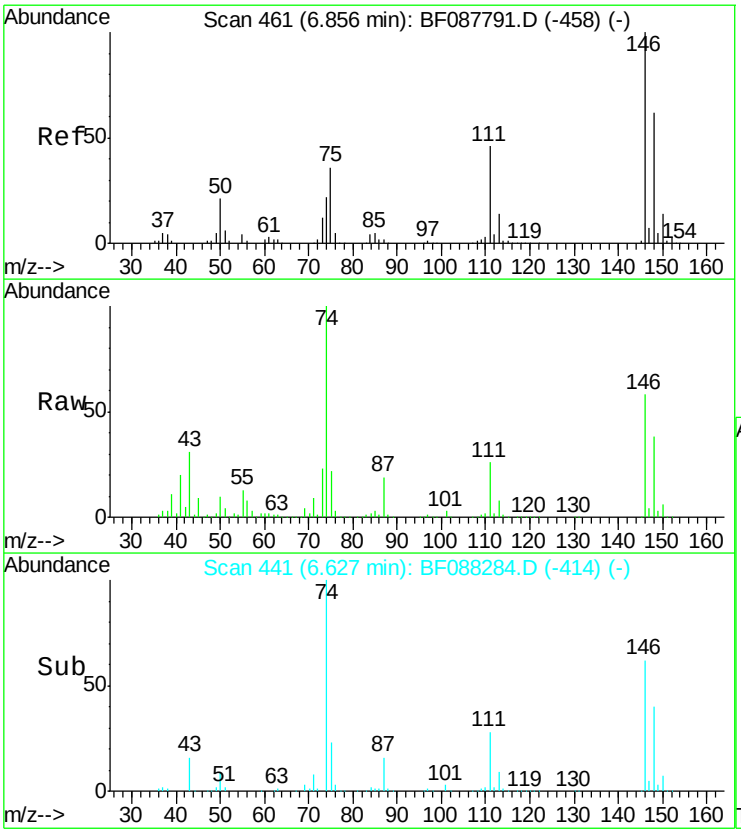
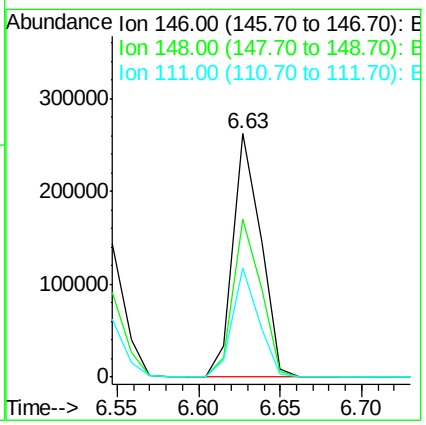
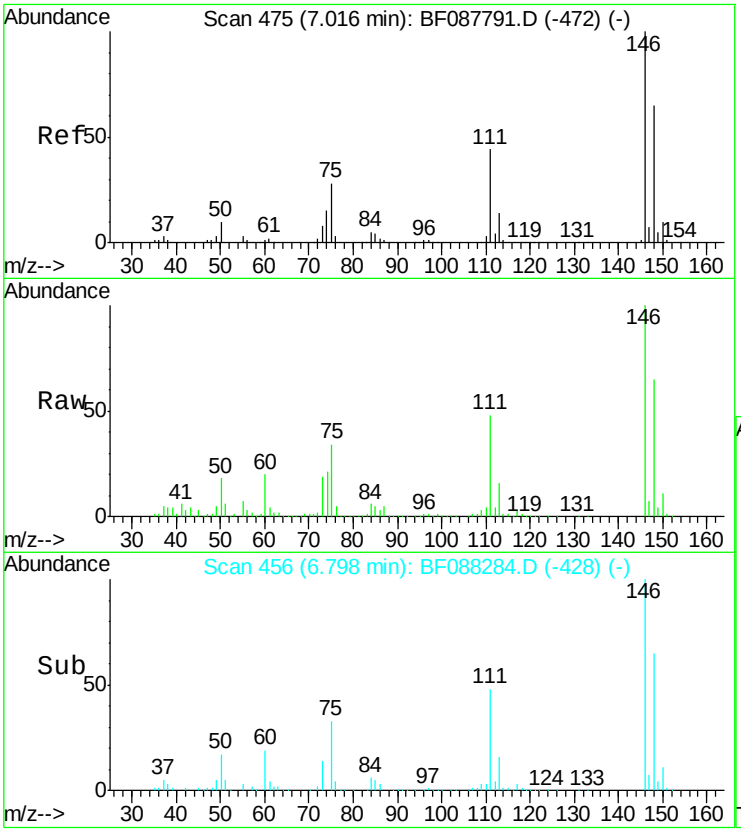


#13
1,4-Dichlorobenzene
Concen: 66.84 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:146 Resp: 308675

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.0	78.0
111	44.8	33.8	50.8

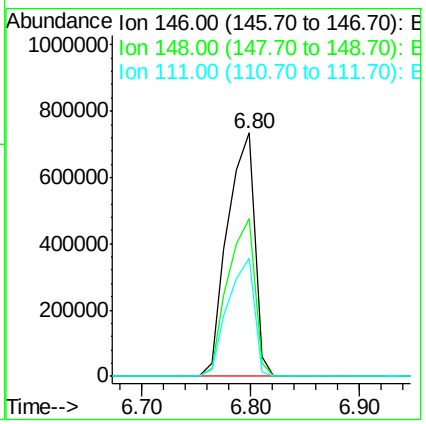




#14
1,2-Dichlorobenzene
Concen: 300.86 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.02 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:146 Resp: 1263649

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.3	78.5
111	48.3	28.7	43.1#



Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512

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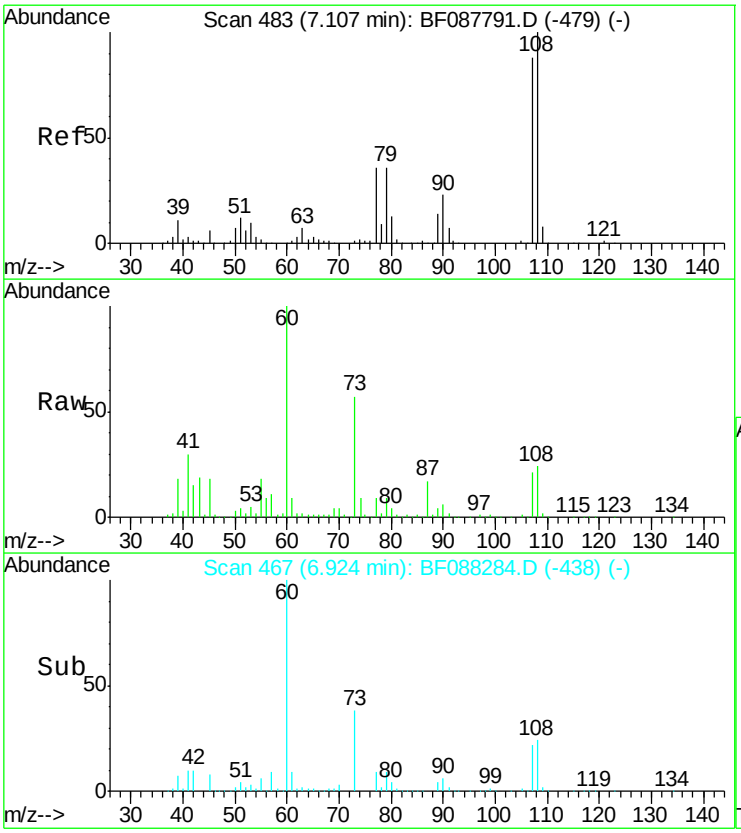
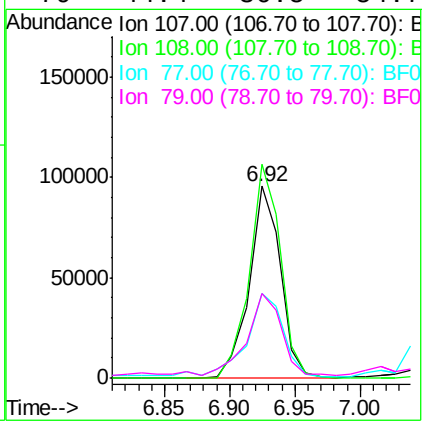
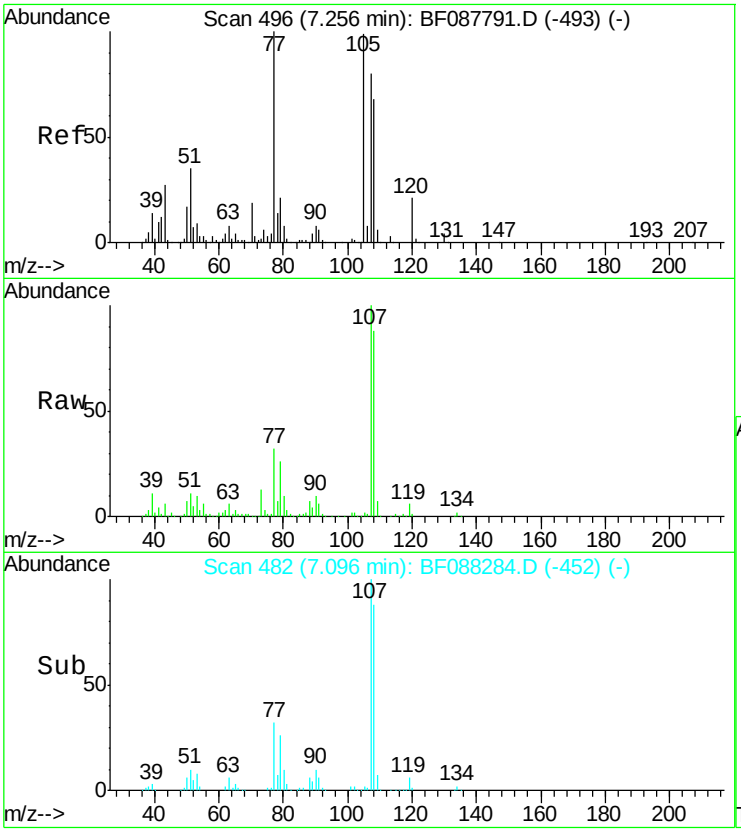


#17
2-Methylphenol
Concen: 45.93 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.03 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:107 Resp: 159170

Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.9	136.3
77	44.4	36.6	55.0
79	44.4	36.5	54.7

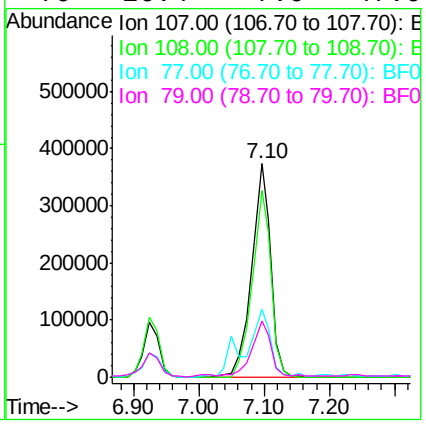




#20
3+4-Methylphenols
Concen: 189.27 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.05 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:107 Resp: 765278

Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.8	107.8
77	32.0	59.3	99.3#
79	26.4	7.0	47.0



Instrument :
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ClientSampleId :
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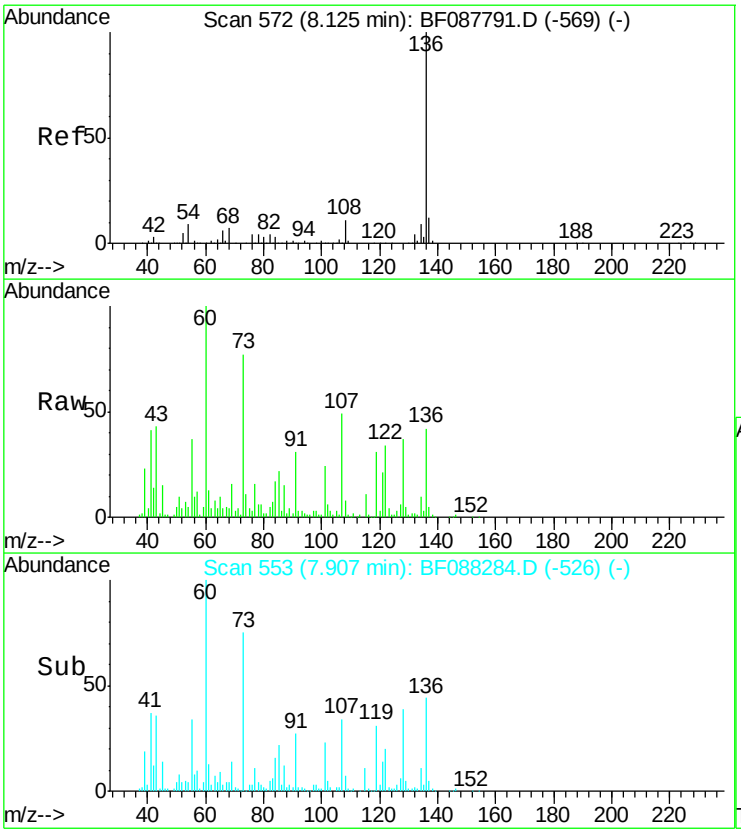
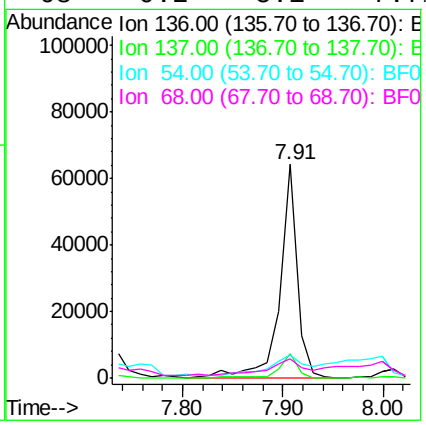
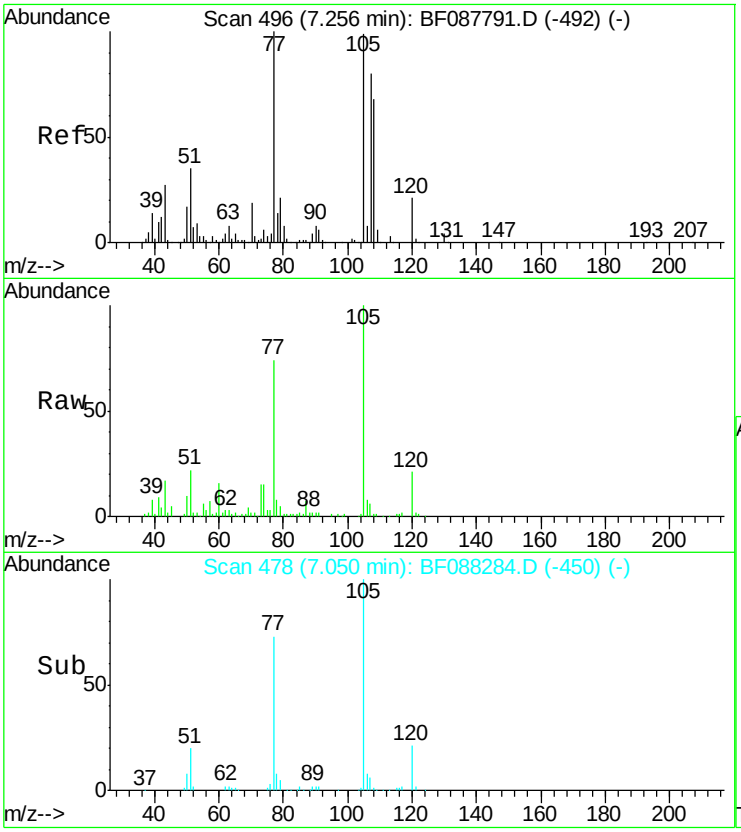


#21
Naphthalene-d8
Concen: 5.00 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:136 Resp: 77817

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.0	6.6	10.0#
68	9.2	5.1	7.7#

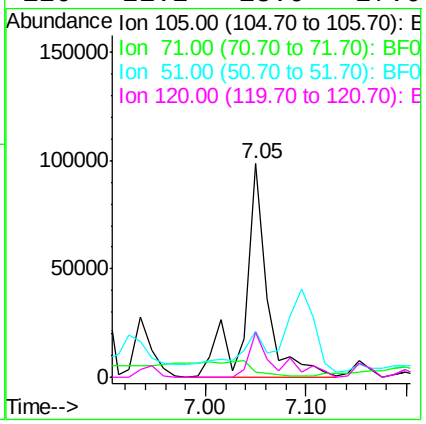




#22
Acetophenone
Concen: 22.00 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.02 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:105 Resp: 153014

Ion	Ratio	Lower	Upper
105	100		
71	2.3	5.3	7.9#
51	21.9	18.2	27.4
120	21.2	18.0	27.0



Instrument :
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ClientSampleId :
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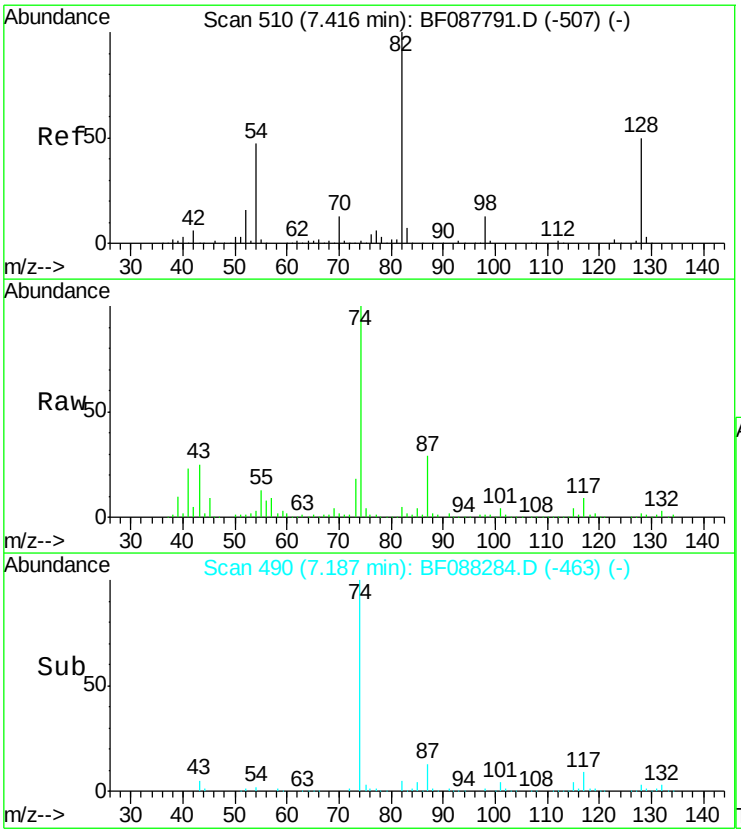
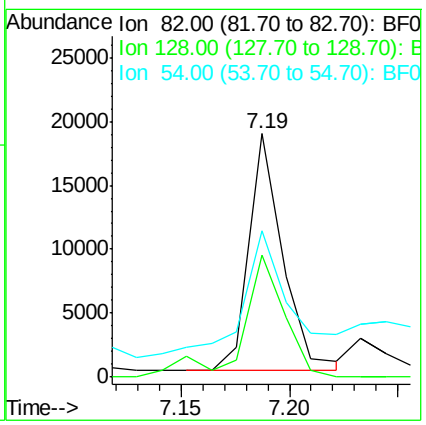
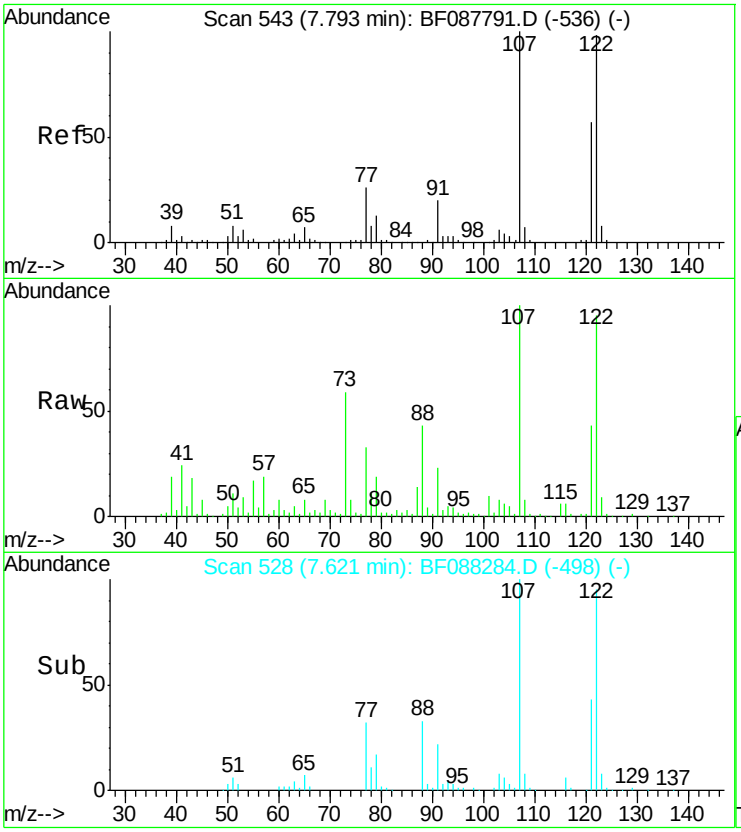


#23
Nitrobenzene-d5
Concen: 3.79 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion: 82 Resp: 20186

Ion	Ratio	Lower	Upper
82	100		
128	50.0	35.9	53.9
54	60.3	40.9	61.3

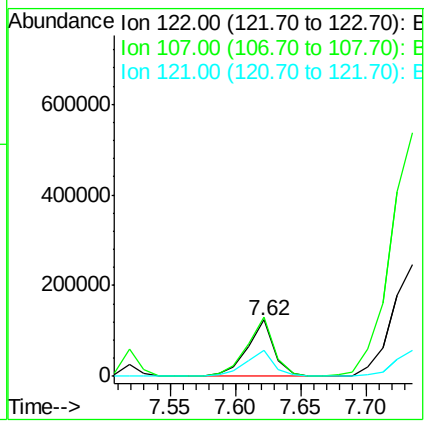




#27
2,4-Dimethylphenol
Concen: 35.00 ng
RT: 7.62 min Scan# 528
Delta R.T. 0.05 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:122 Resp: 178255

Ion	Ratio	Lower	Upper
122	100		
107	105.4	82.4	123.6
121	45.1	46.3	69.5#



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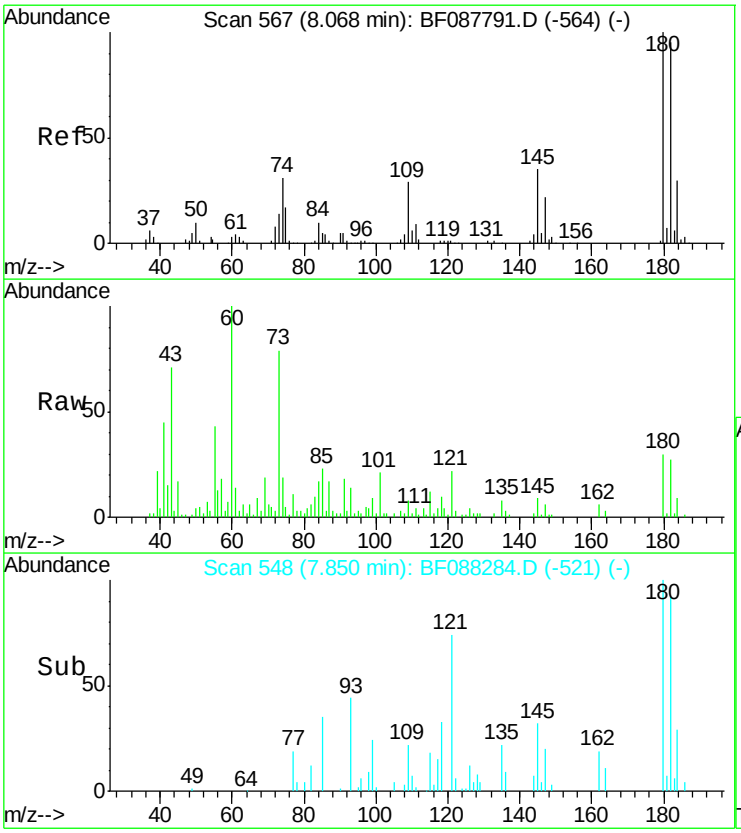
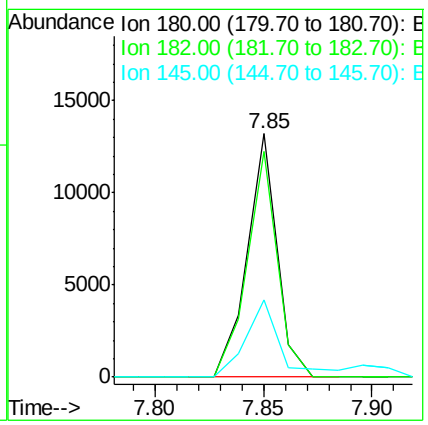
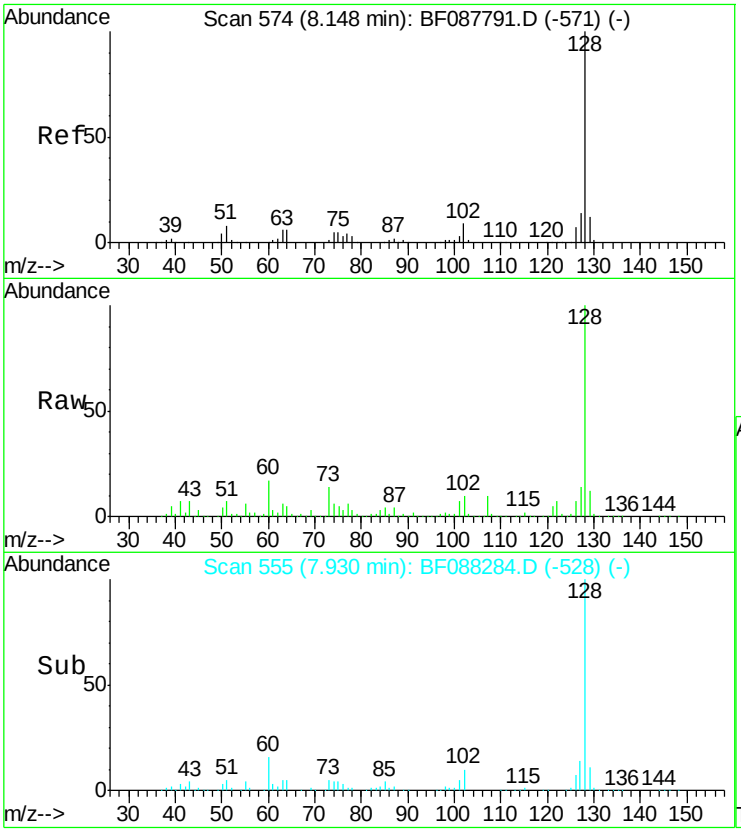


#30
1,2,4-Trichlorobenzene
Concen: 2.71 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:180 Resp: 12556

Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.0	114.0
145	31.5	26.5	39.7

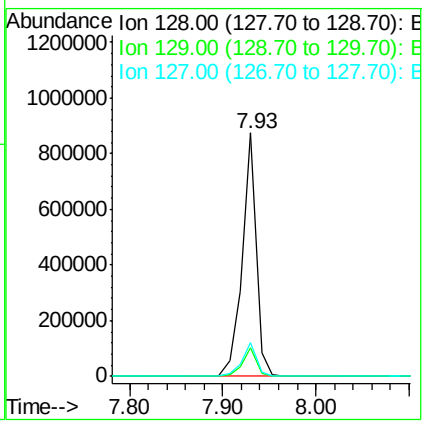




#31
Naphthalene
Concen: 59.36 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:128 Resp: 914290

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.7	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
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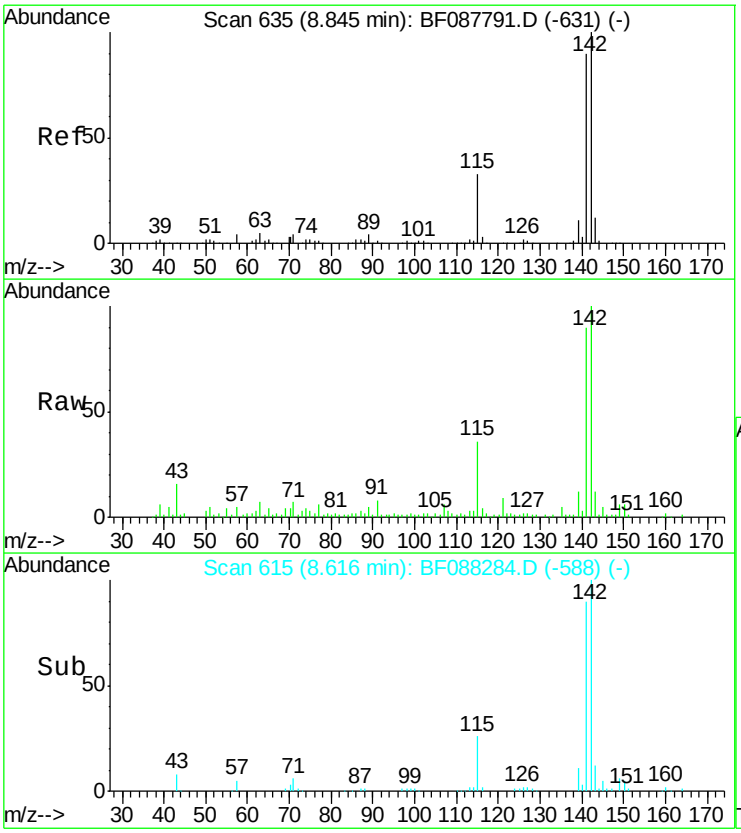
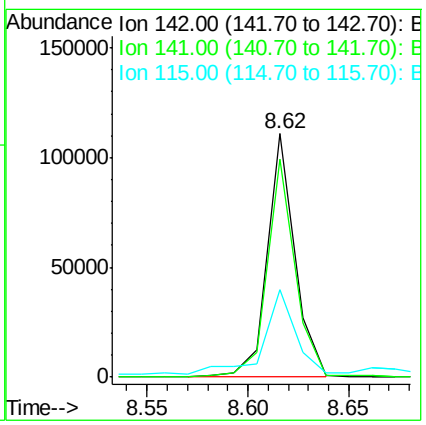
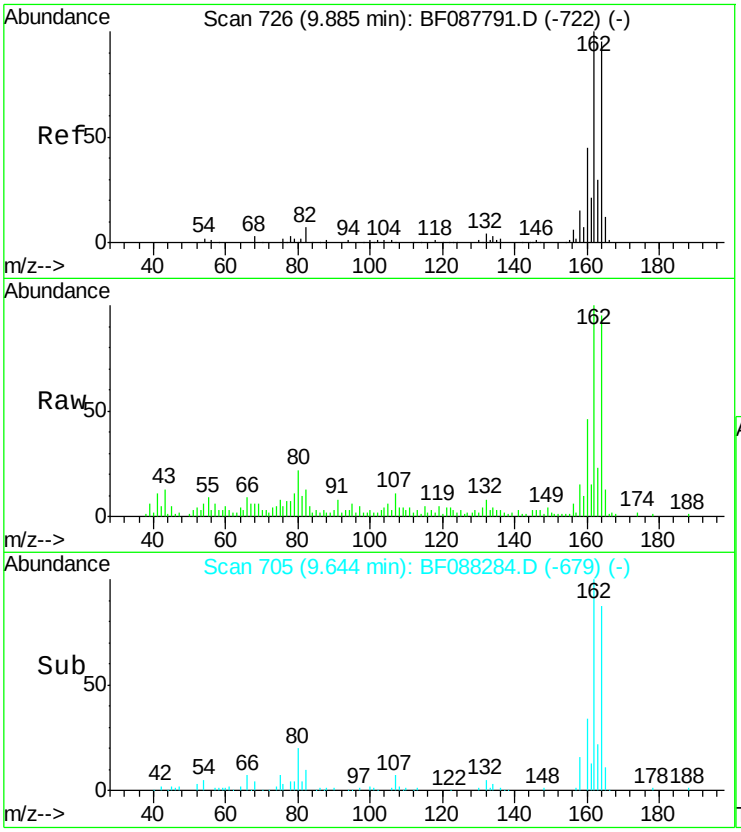


#37
2-Methylnaphthalene
Concen: 10.43 ng m
RT: 8.62 min Scan# 615
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:142 Resp: 105868

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	35.9	22.6	33.8#

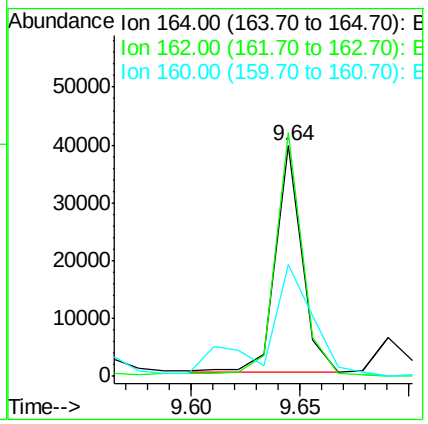




#38
Acenaphthene-d10
Concen: 5.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:164 Resp: 33626

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.4	128.2
160	48.7	39.5	59.3



Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512

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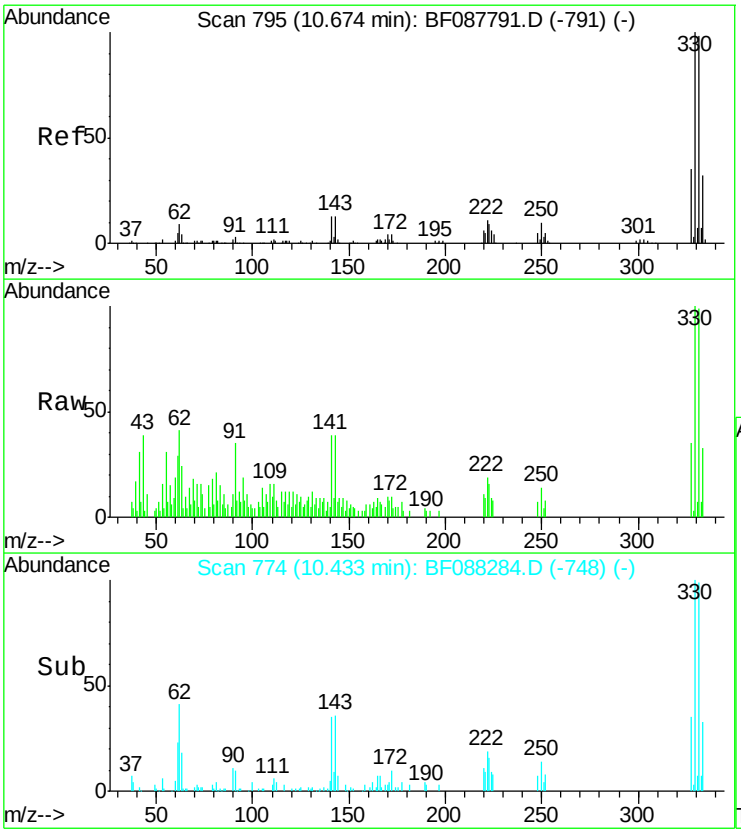
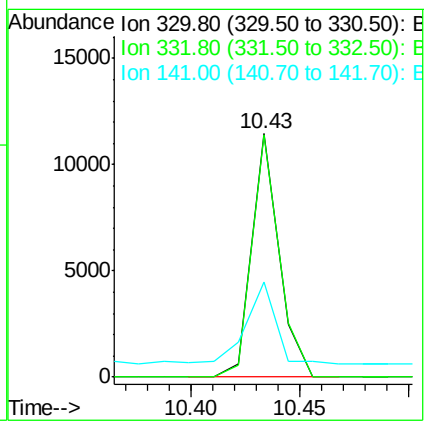
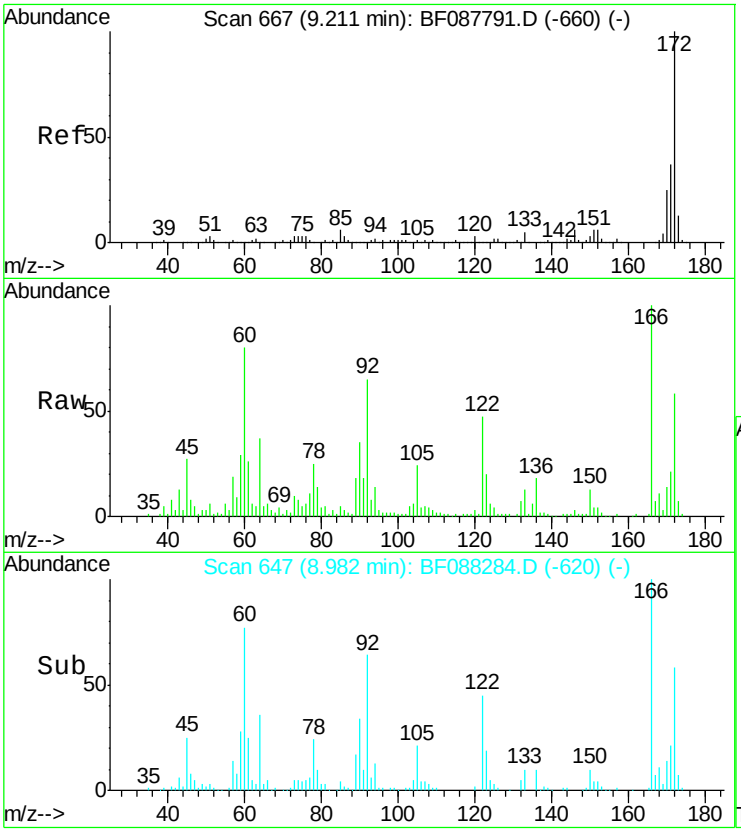


#41
2,4,6-Tribromophenol
Concen: 7.03 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:330 Resp: 9991

Ion	Ratio	Lower	Upper
330	100		
332	99.4	0.0	0.0#
141	40.1	0.0	0.0#

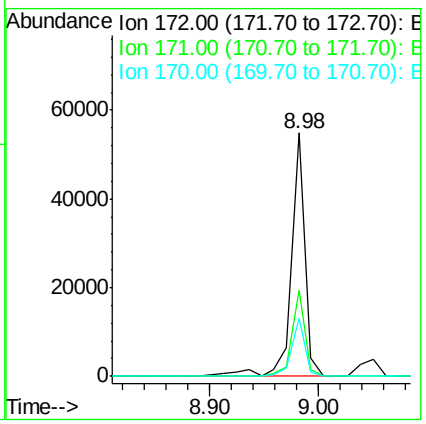




#44
2-Fluorobiphenyl
Concen: 4.59 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:172 Resp: 48574

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.9	19.2	28.8



Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512

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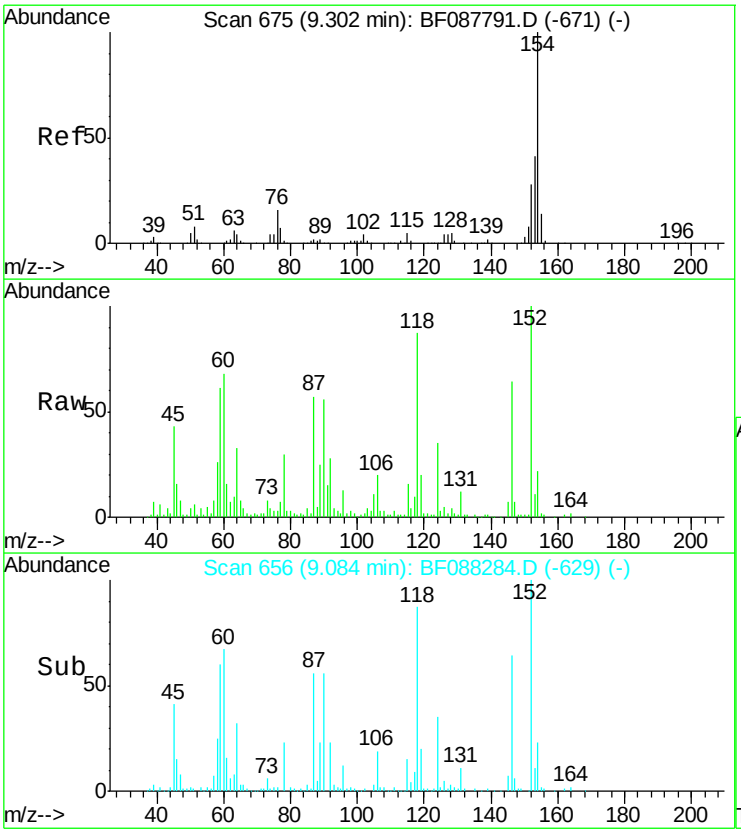
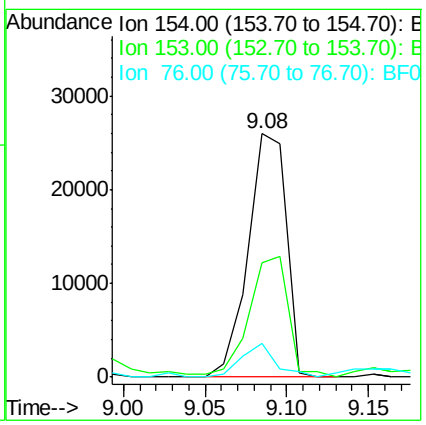
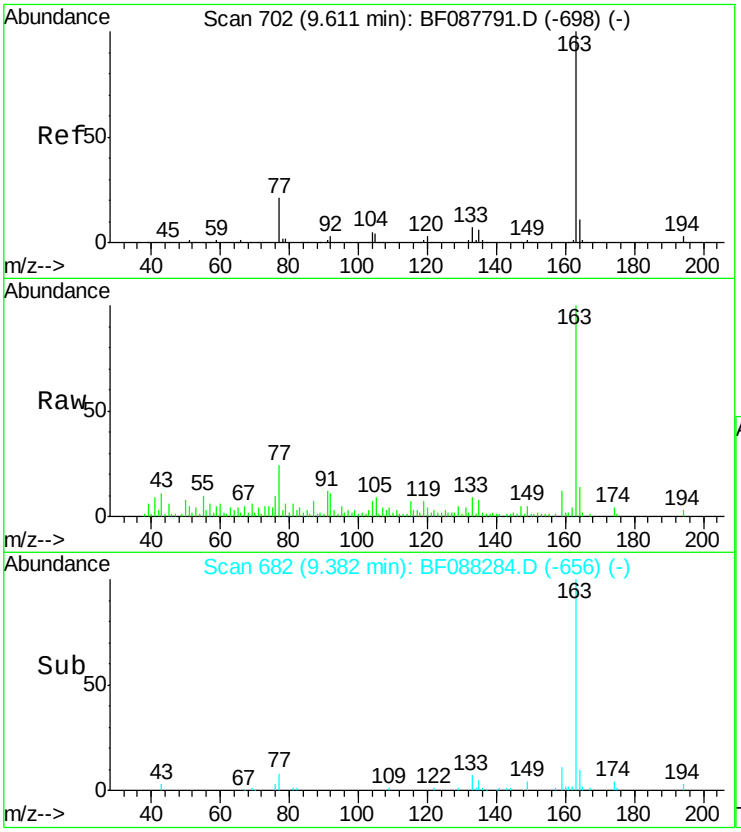


#45
1,1'-Biphenyl
Concen: 3.04 ng
RT: 9.08 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:154 Resp: 42088

Ion	Ratio	Lower	Upper
154	100		
153	46.8	20.6	60.6
76	13.9	0.0	35.1

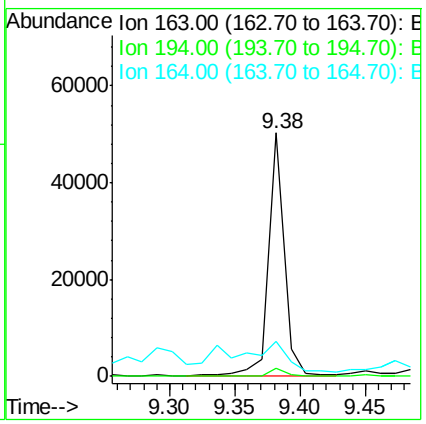




#49
Dimethylphthalate
Concen: 4.48 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:163 Resp: 43613

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	14.1	8.3	12.5#



Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512

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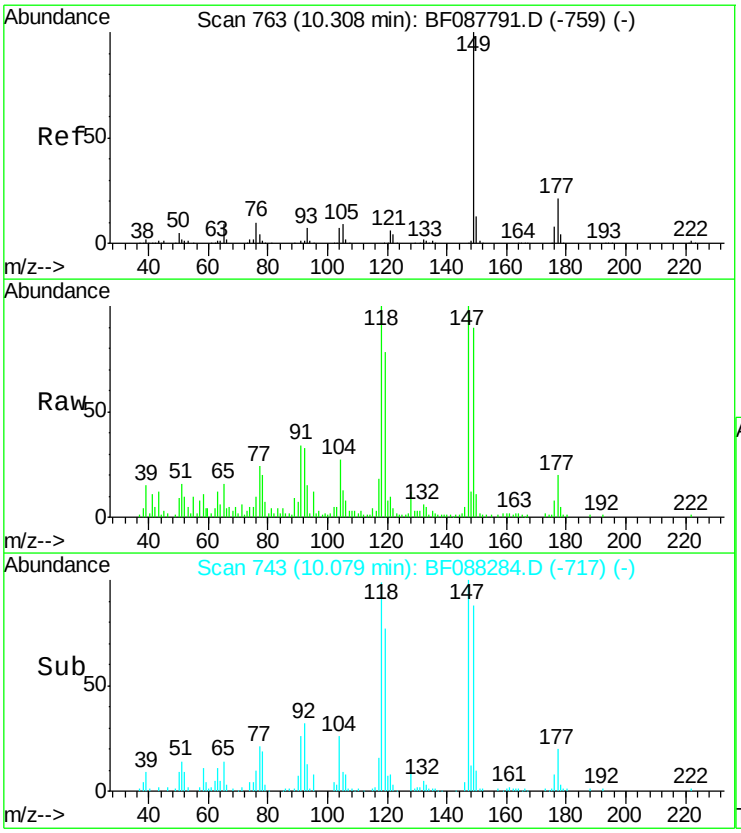
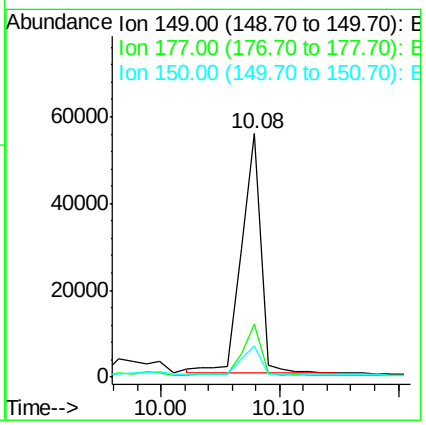
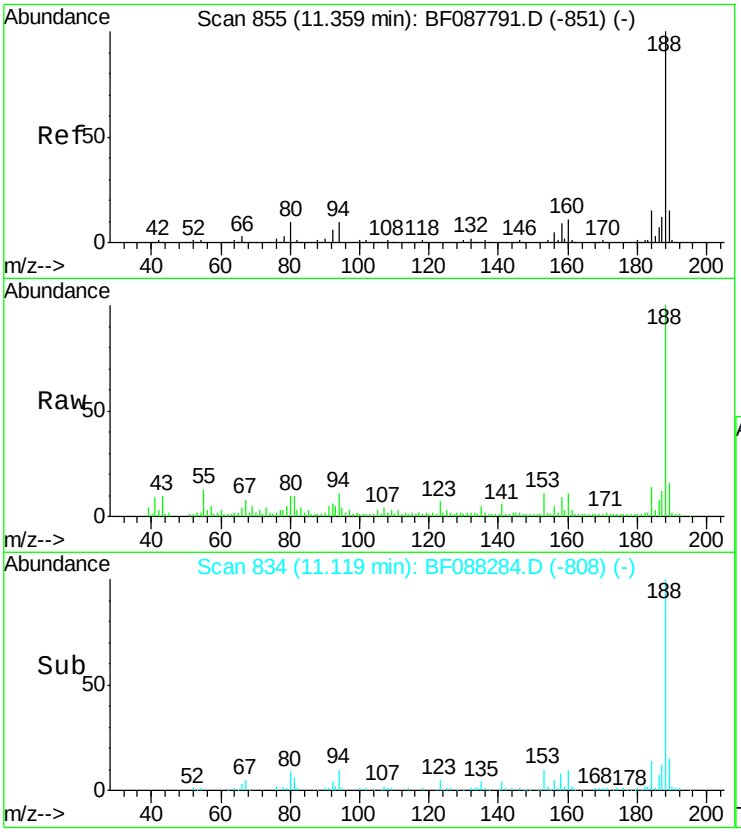


#59
Diethylphthalate
Concen: 6.37 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:149 Resp: 62844

Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.9	25.3
150	12.6	10.1	15.1





#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:188 Resp: 52631

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.6
80	10.0	10.0	15.0

Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512

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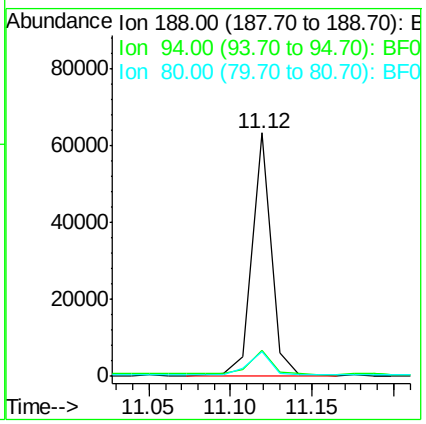
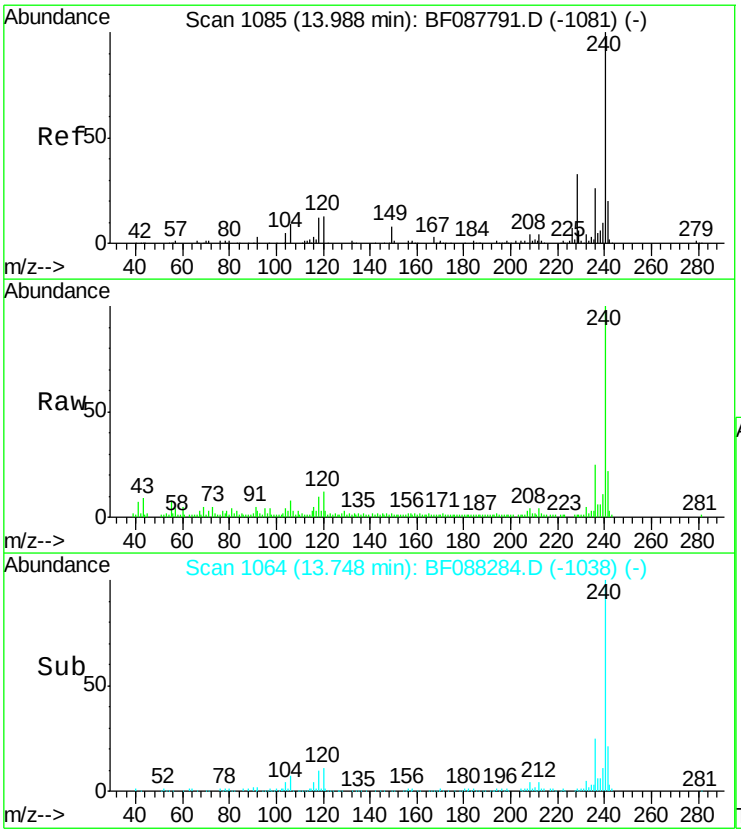
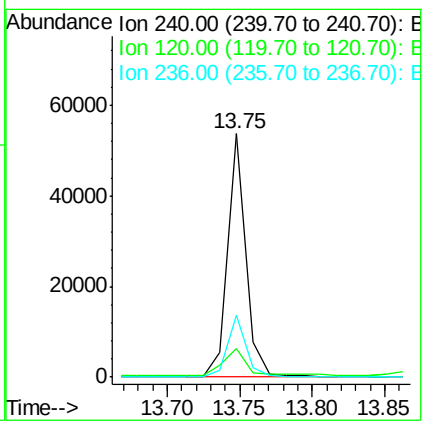


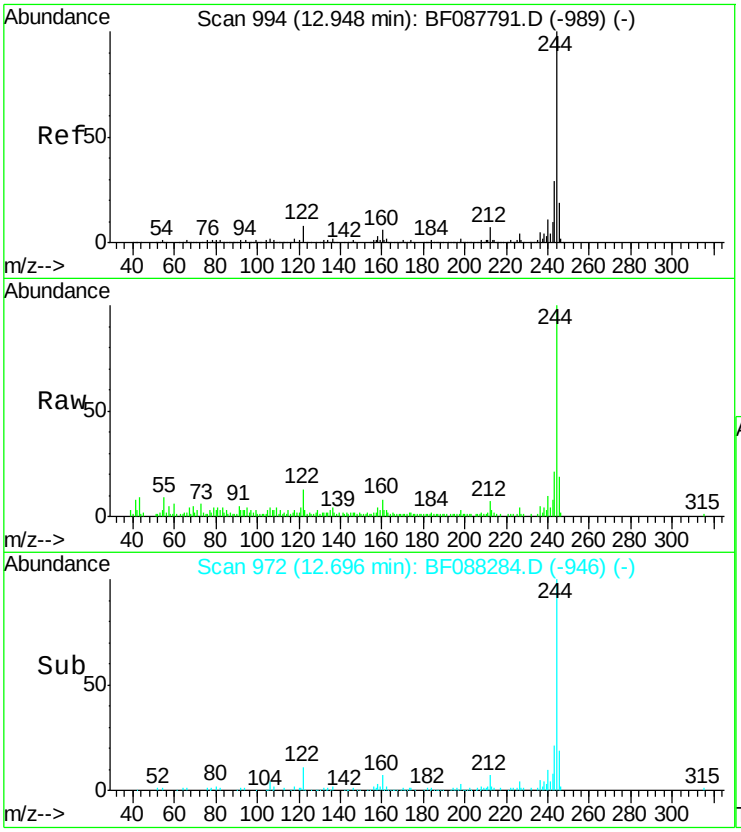


#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:240 Resp: 47038

Ion	Ratio	Lower	Upper
240	100		
120	11.9	6.8	10.2#
236	25.4	20.2	30.2

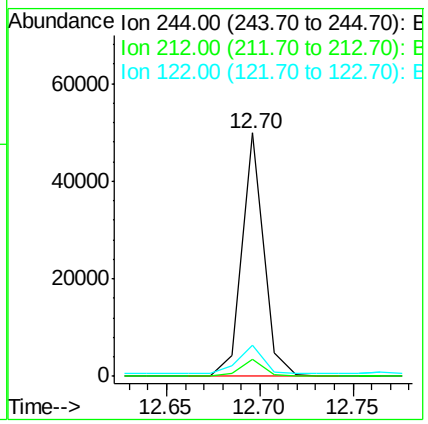




#78
Terphenyl-d14
Concen: 4.92 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:244 Resp: 40692

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	12.8	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
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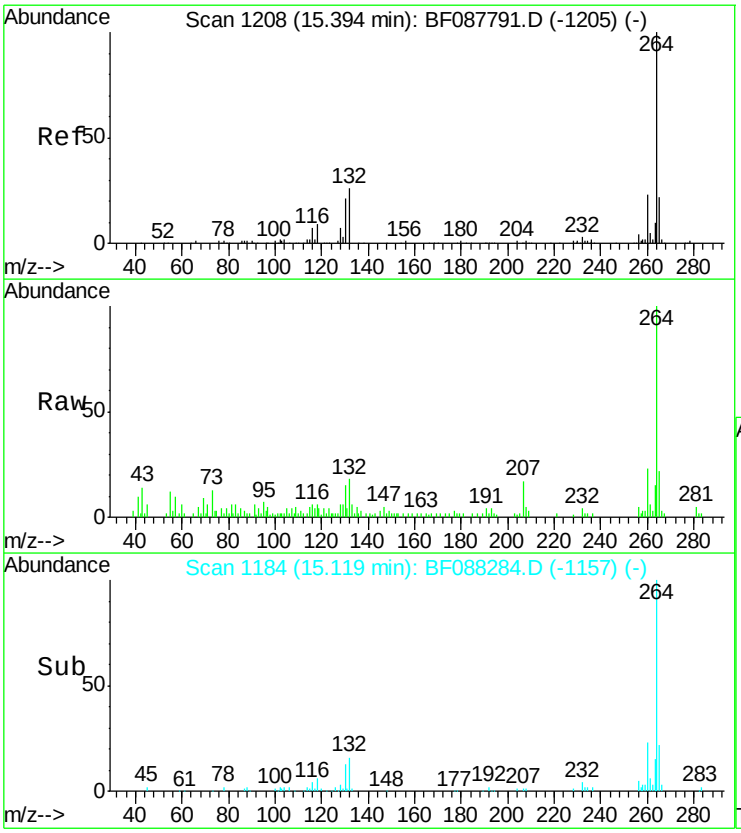

#86
Perylene-d12
Concen: 5.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:264 Resp: 33710

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.7	16.9	25.3