Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092396.D
Acq On : 21 Jan 2017 4:34
Operator : UM/SJ
Sample : I1266-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Manual Integrations APPROVED
mohammad
1/23/2017 2:45:25 PM

Quant Time: Jan 21 05:57:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 22:22:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	187479	20.00	ng		0.00
21) Naphthalene-d8	7.82	136	571376	20.00	ng		0.01
38) Acenaphthene-d10	9.56	164	295807	20.00	ng		0.00
63) Phenanthrene-d10	11.04	188	445047	20.00	ng		0.01
75) Chrysene-d12	13.67	240	224366	20.00	ng		0.01
86) Perylene-d12	15.02	264	162333	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	653125	58.17	ng		0.02
7) Phenol-d6	6.20	99	829788	60.53	ng		0.01
23) Nitrobenzene-d5	7.10	82	1023308	99.59	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	305407	124.76	ng		0.01
44) 2-Fluorobiphenyl	8.90	172	1648702	119.42	ng		0.00
78) Terphenyl-d14	12.63	244	1266756	136.93	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.06	77	150585	15.69	ng		91
10) Phenol	6.22	94	150796	9.65	ng	#	73
15) Benzyl Alcohol	6.70	79	321048	30.14	ng		95
17) 2-Methylphenol	6.84	107	29762	2.90	ng	#	92
20) 3+4-Methylphenols	6.99	107	312720	25.53	ng	#	66
31) Naphthalene	7.83	128	330825	12.65	ng	#	92
32) Benzoic acid	7.96	122	5560329m	837.48	ng		
37) 2-Methylnaphthalene	8.54	142	1111560	Below Cal			96
49) Dimethylphthalate	9.31	163	152304	8.05	ng	#	95
57) Fluorene	10.11	166	40778	2.48	ng	#	86
76) Benzidine	12.26	184	62995	7.63	ng	#	90
83) Bis(2-ethylhexyl)phthalate	13.67	149	86273	9.78	ng	#	98

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

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Instrument :
BNA_F
ClientSampleId :
MW-02

Manual Integrations APPROVED
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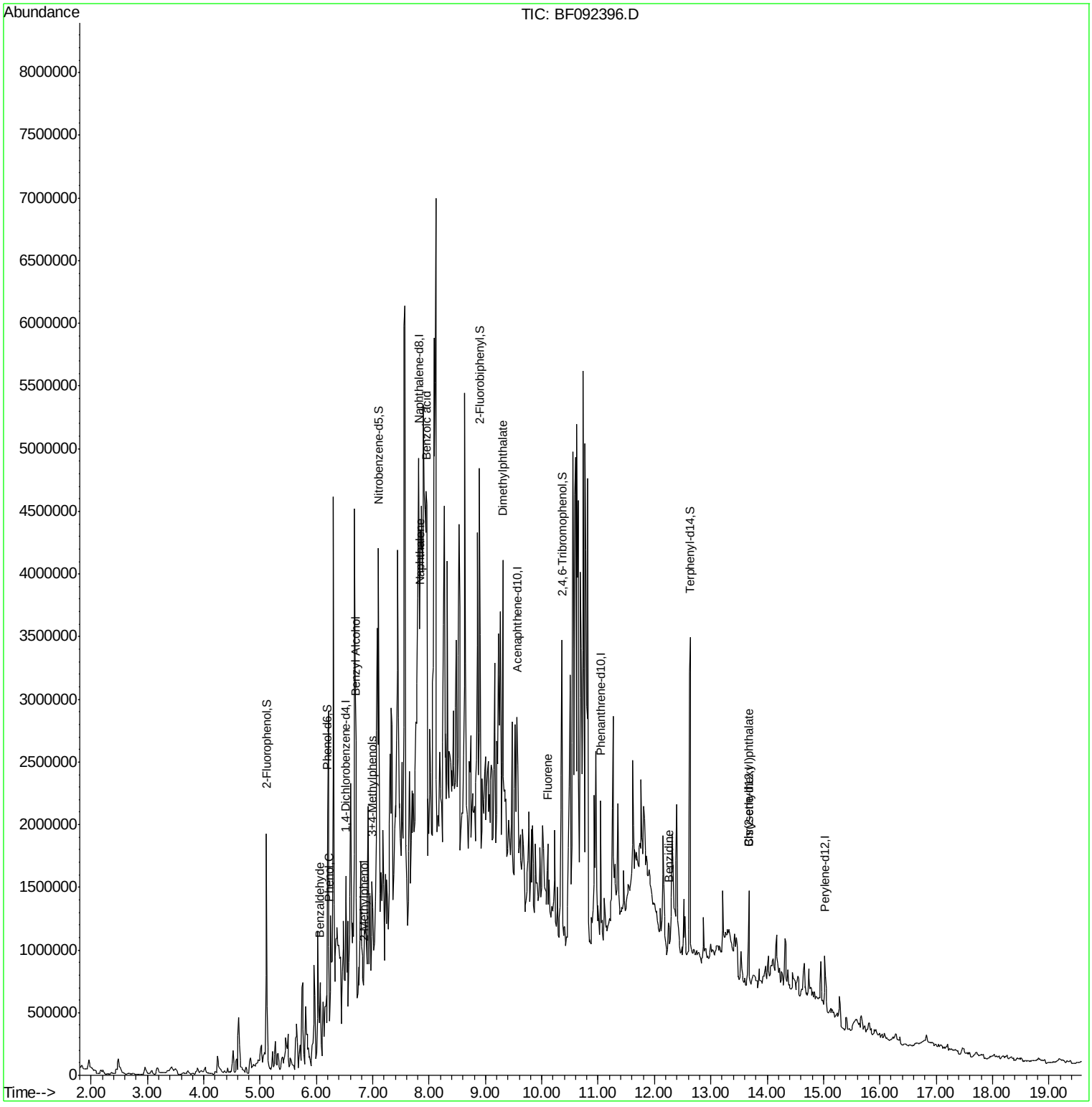
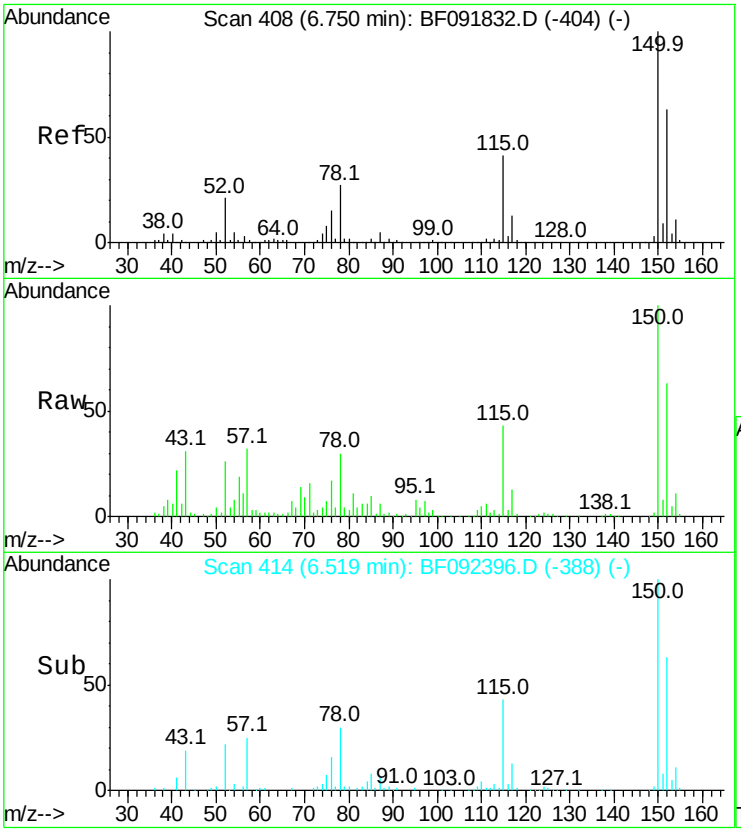
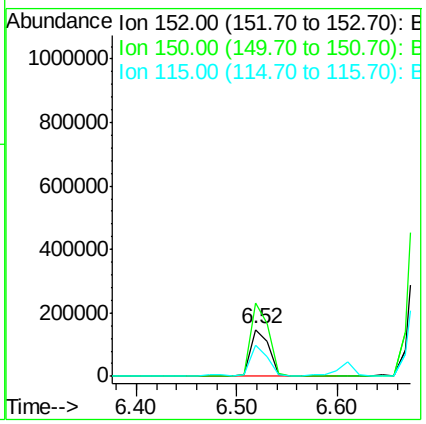




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:152 Resp: 187479

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.9	187.3
115	67.3	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
MW-02

Manual Integrations APPROVED
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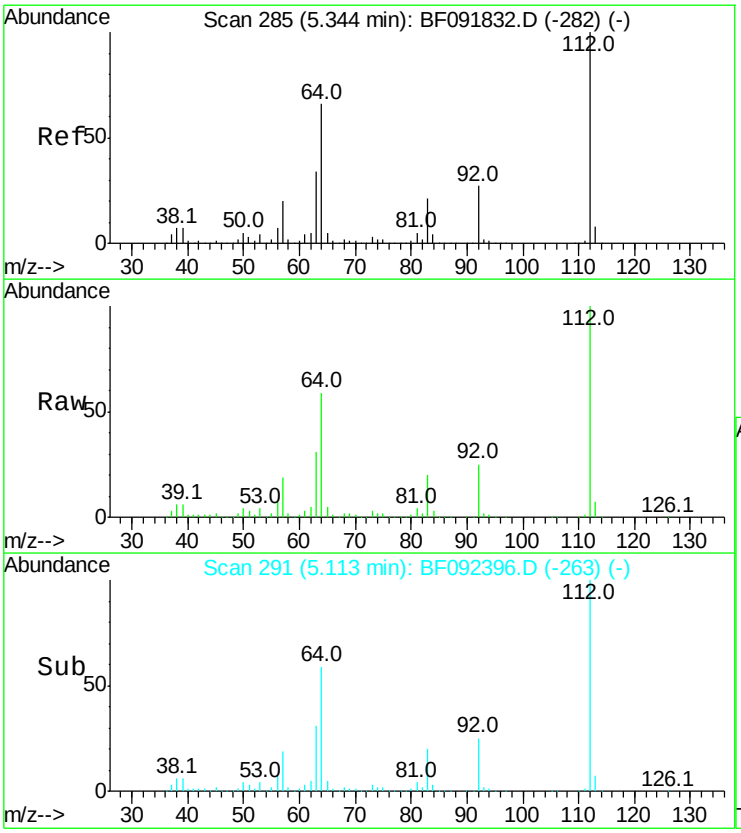
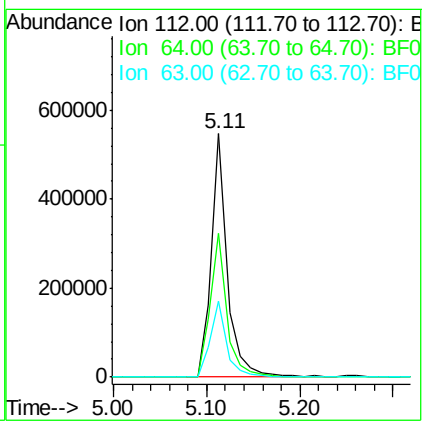
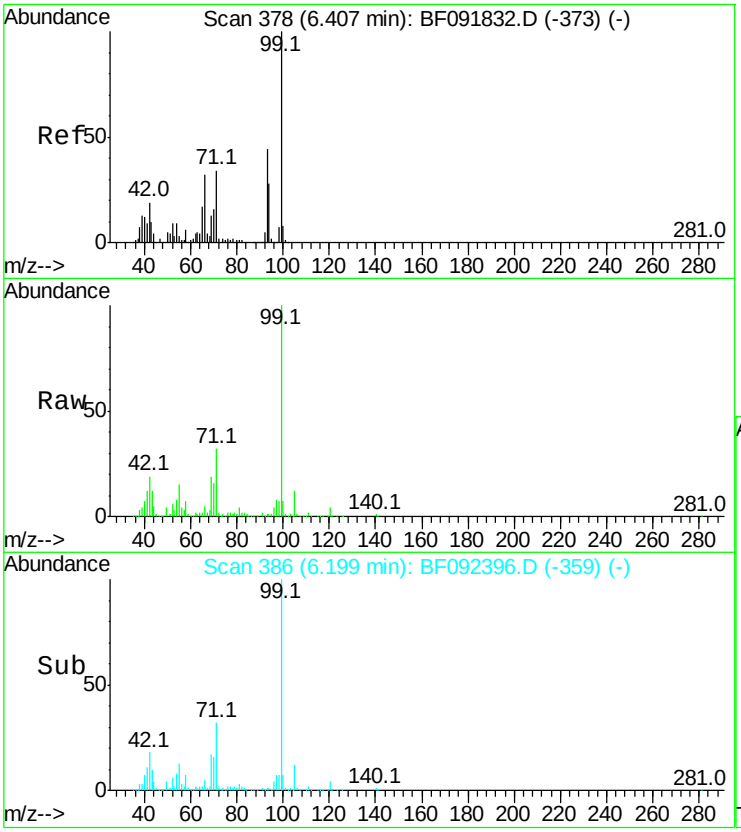


#5
2-Fluorophenol
Concen: 58.17 ng
RT: 5.11 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:112 Resp: 653125

Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.1	69.1
63	31.0	23.8	35.6

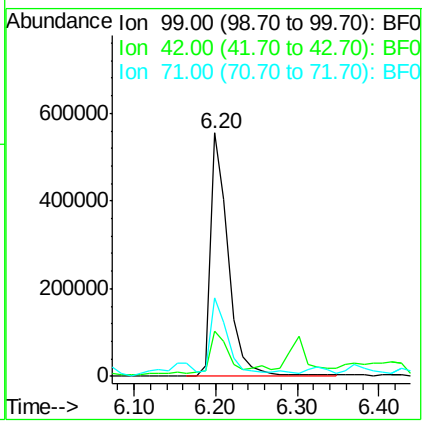




#7
Phenol-d6
Concen: 60.53 ng
RT: 6.20 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion: 99 Resp: 829788

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.6	23.4
71	32.5	27.5	41.3



Instrument :
BNA_F
ClientSampleId :
MW-02

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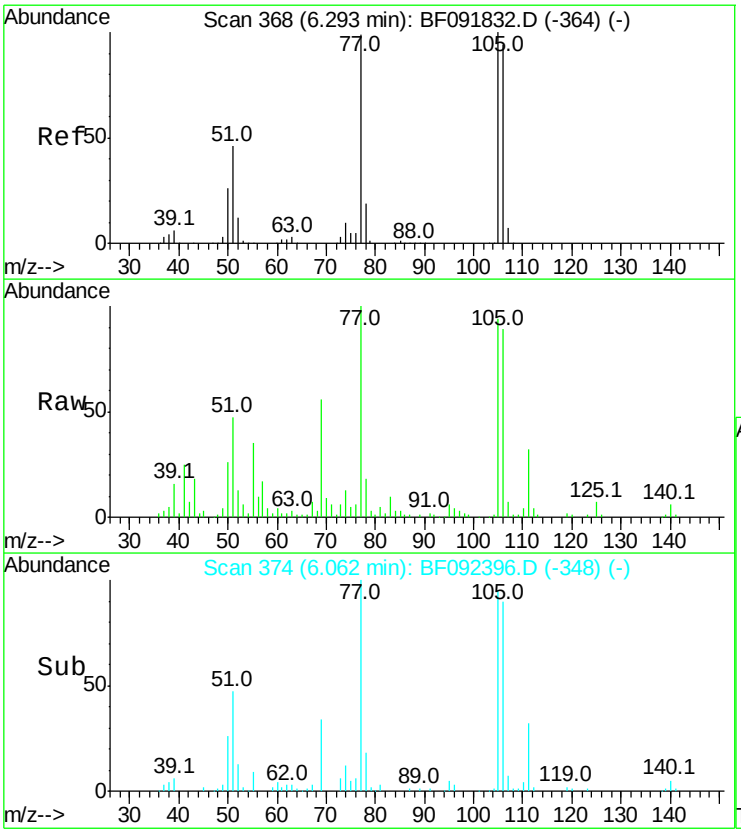
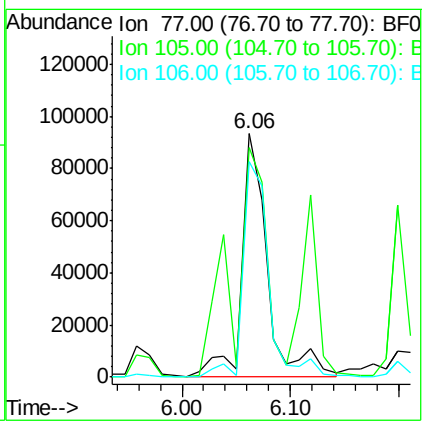
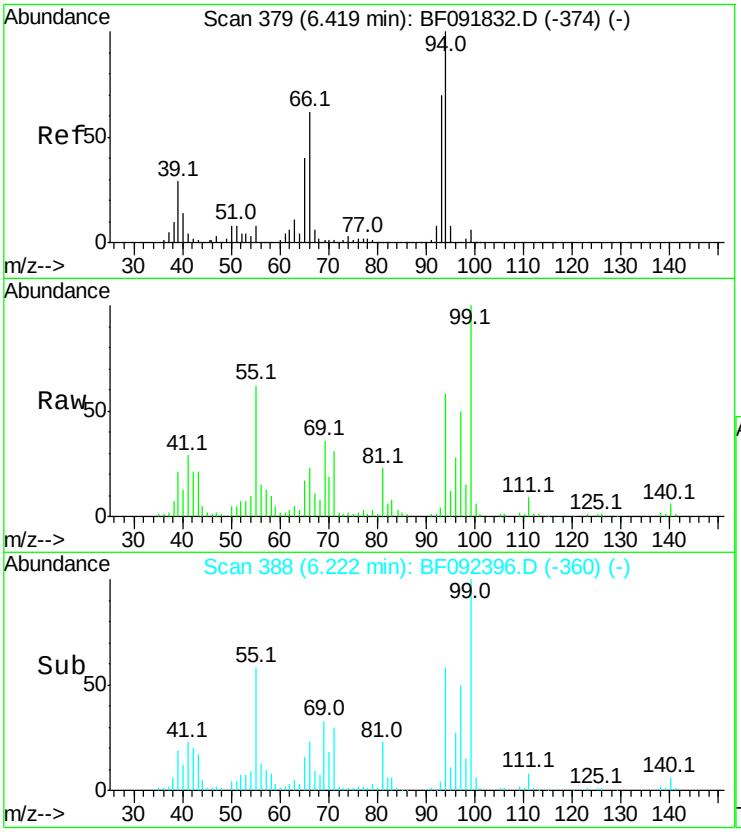


#9
Benzaldehyde
Concen: 15.69 ng
RT: 6.06 min Scan# 374
Delta R.T. 0.00 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion: 77 Resp: 150585

Ion	Ratio	Lower	Upper
77	100		
105	94.3	83.9	123.9
106	88.6	77.6	117.6

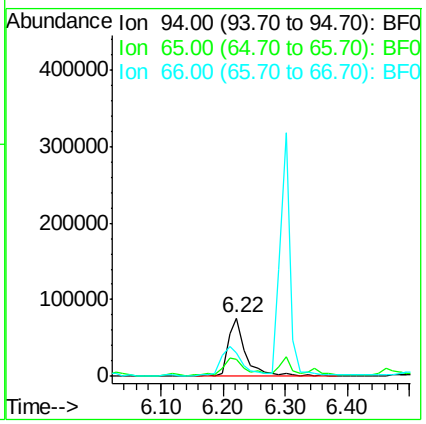




#10
Phenol
Concen: 9.65 ng
RT: 6.22 min Scan# 388
Delta R.T. 0.02 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion: 94 Resp: 150796

Ion	Ratio	Lower	Upper
94	100		
65	28.3	21.4	61.4
66	39.2	44.0	84.0#



Instrument :
BNA_F
ClientSampleId :
MW-02

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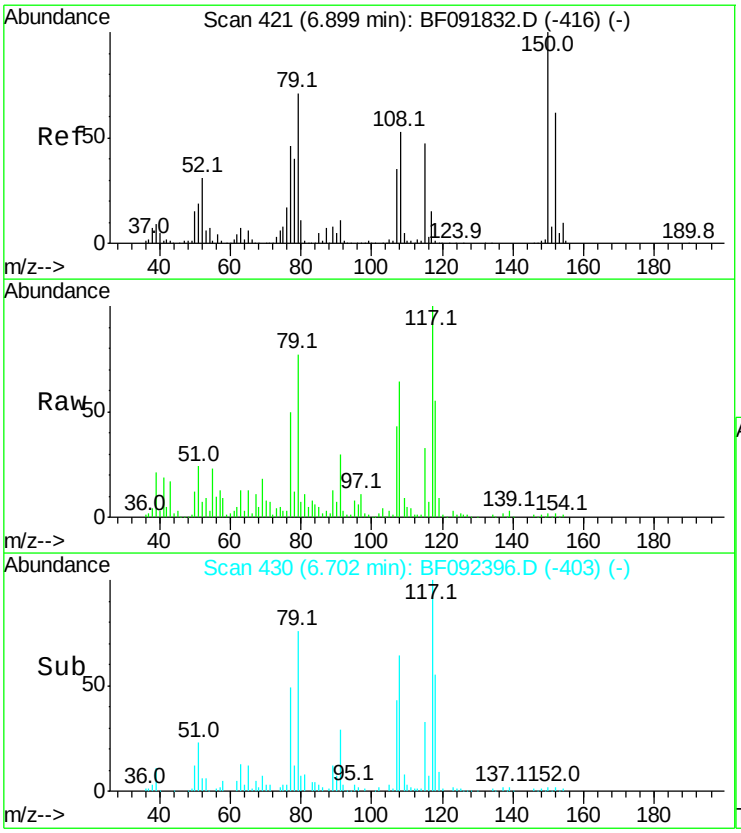
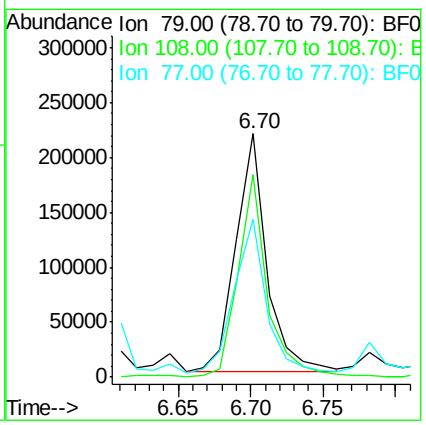
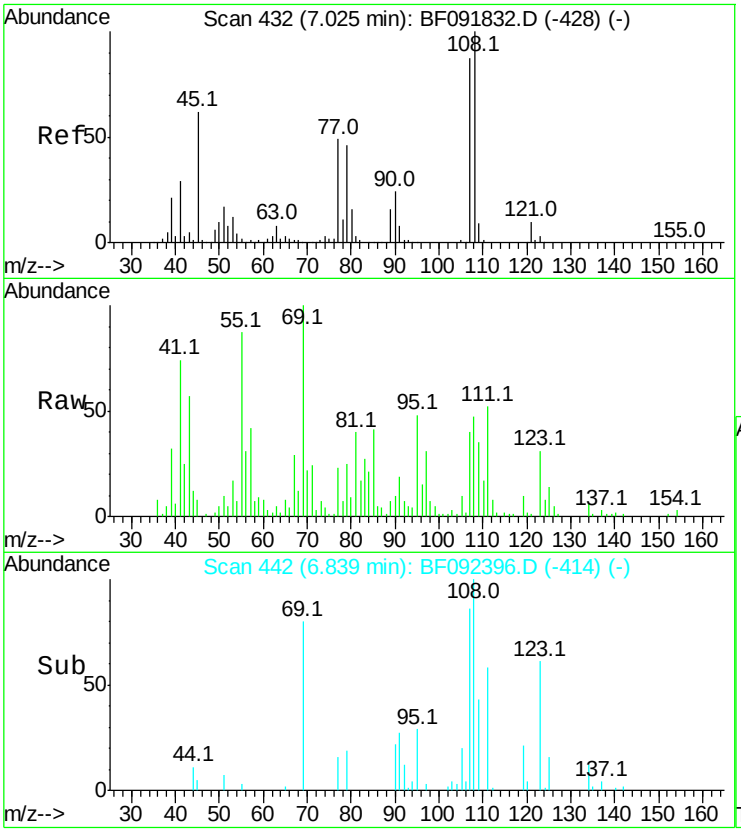


#15
Benzyl Alcohol
Concen: 30.14 ng
RT: 6.70 min Scan# 430
Delta R.T. 0.01 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion: 79 Resp: 321048

Ion	Ratio	Lower	Upper
79	100		
108	83.2	61.4	92.0
77	64.8	50.9	76.3

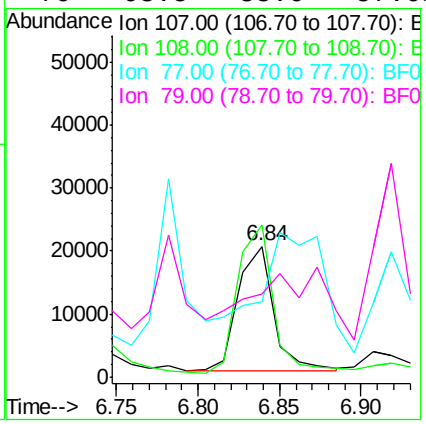




#17
2-Methylphenol
Concen: 2.90 ng
RT: 6.84 min Scan# 442
Delta R.T. 0.02 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:107 Resp: 29762

Ion	Ratio	Lower	Upper
107	100		
108	116.8	93.0	139.6
77	58.1	39.8	59.8
79	63.5	38.0	57.0#



Instrument :
BNA_F
ClientSampleId :
MW-02

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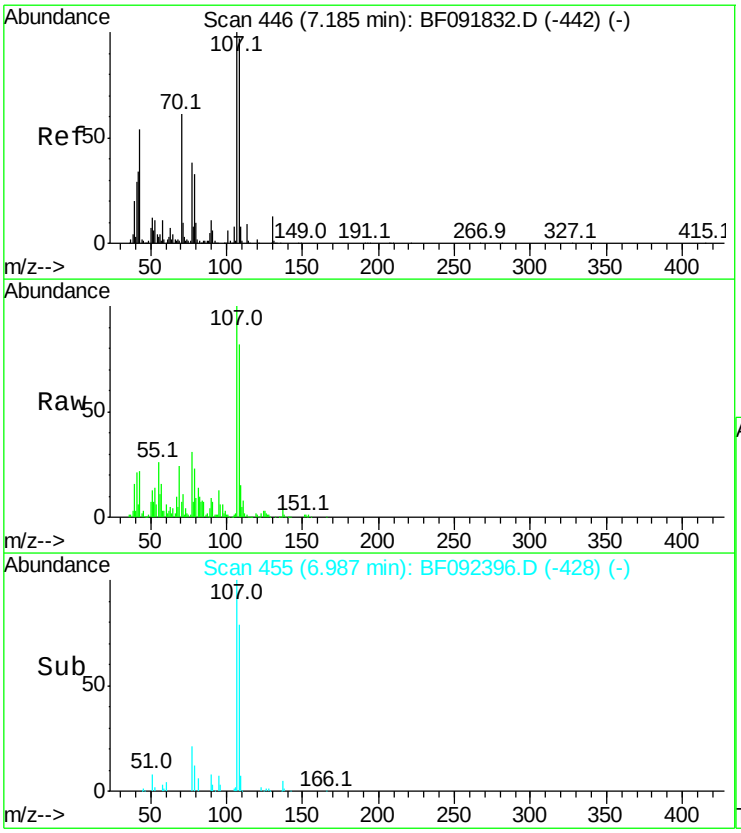
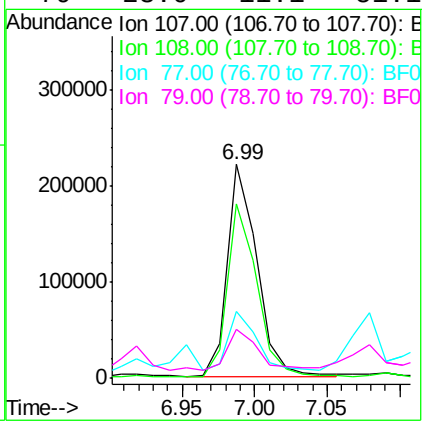
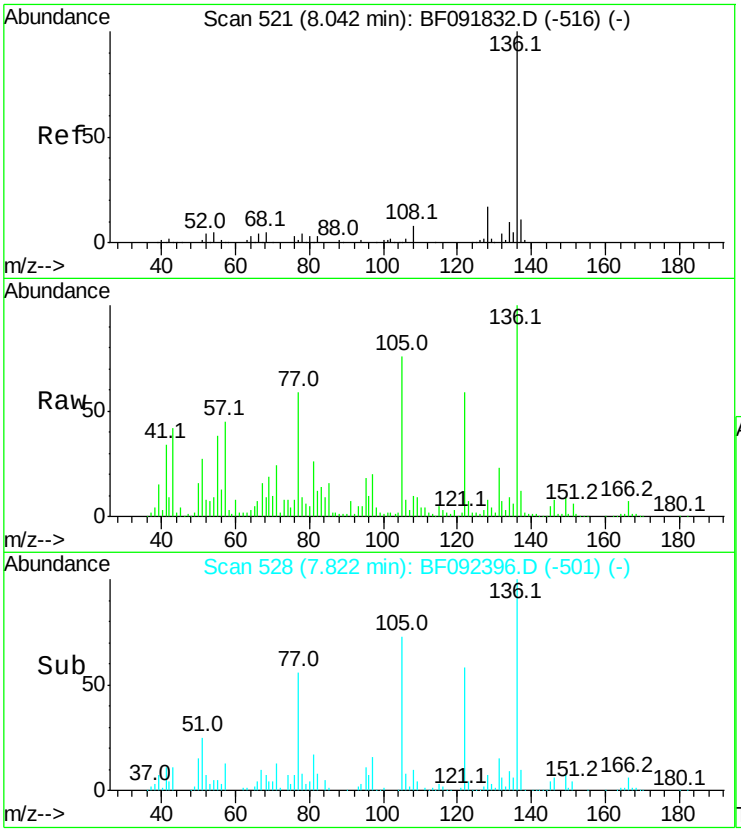


#20
3+4-Methylphenols
Concen: 25.53 ng
RT: 6.99 min Scan# 455
Delta R.T. 0.01 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:107 Resp: 312720

Ion	Ratio	Lower	Upper
107	100		
108	81.8	73.0	113.0
77	31.4	71.3	111.3#
79	23.0	11.1	51.1

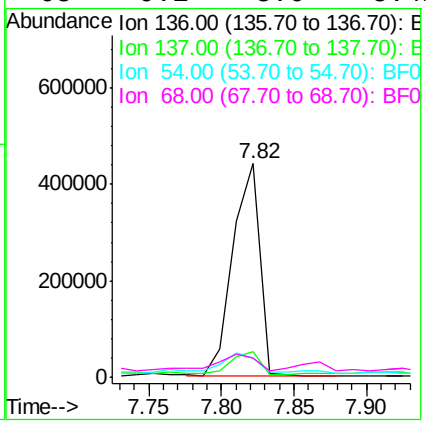




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:136 Resp: 571376

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.4	12.6
54	9.2	4.5	6.7#
68	9.1	3.6	5.4#



Instrument :
BNA_F
ClientSampleId :
MW-02

Manual Integrations APPROVED
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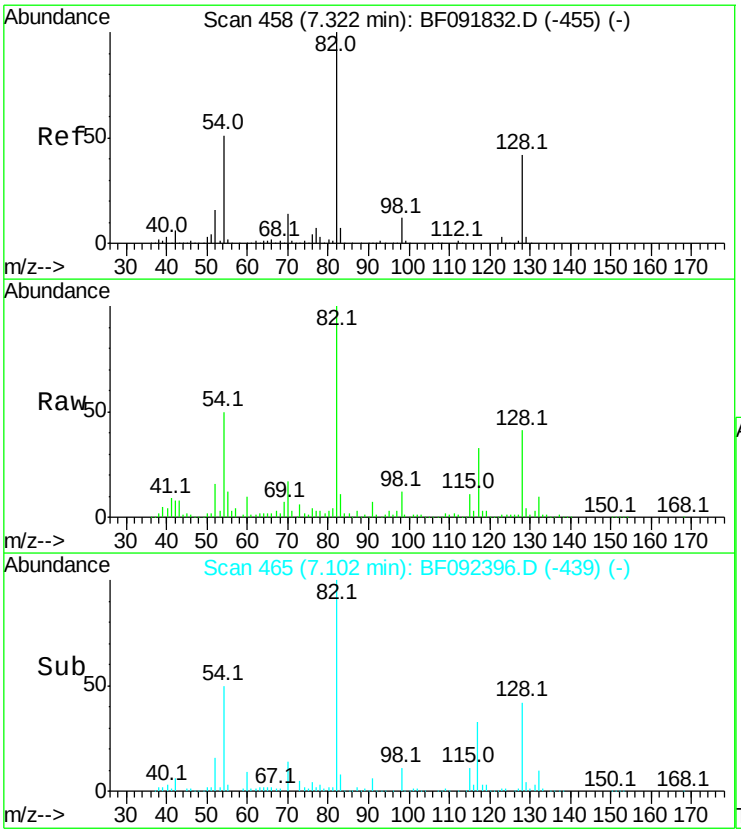
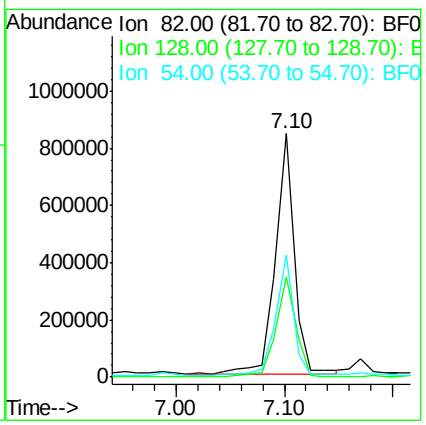
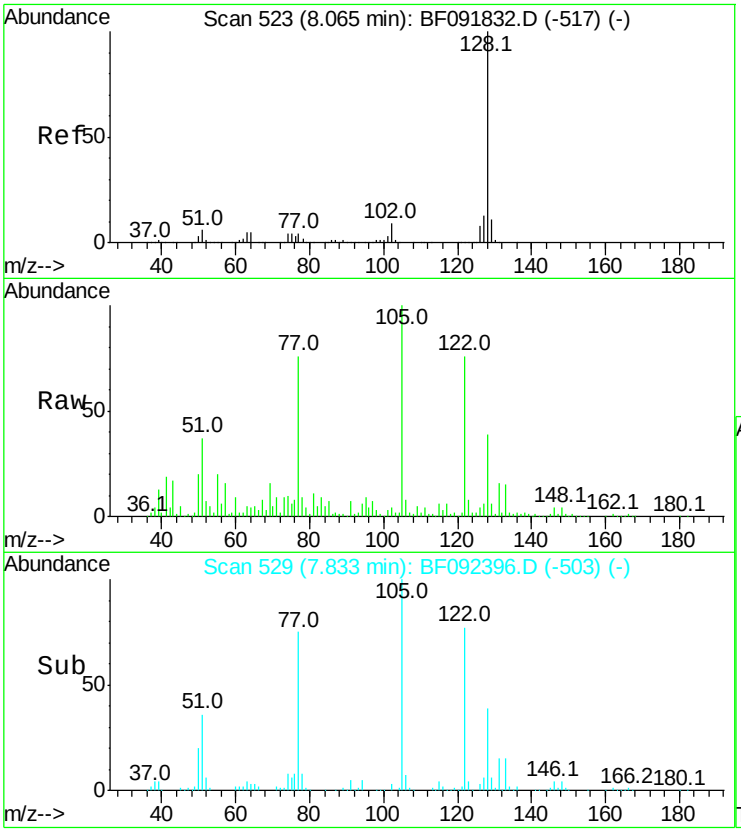


#23
Nitrobenzene-d5
Concen: 99.59 ng
RT: 7.10 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion: 82 Resp: 1023308

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	50.0	39.5	59.3

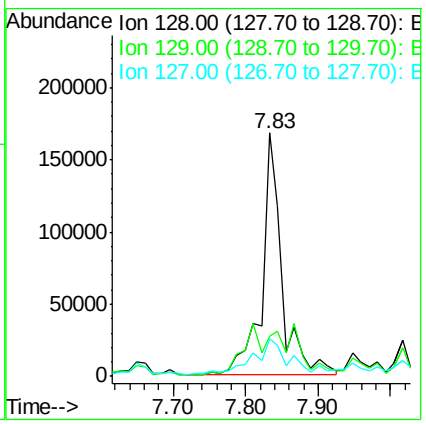




#31
Naphthalene
Concen: 12.65 ng
RT: 7.83 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:128 Resp: 330825

Ion	Ratio	Lower	Upper
128	100		
129	16.3	9.5	14.3#
127	15.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
MW-02

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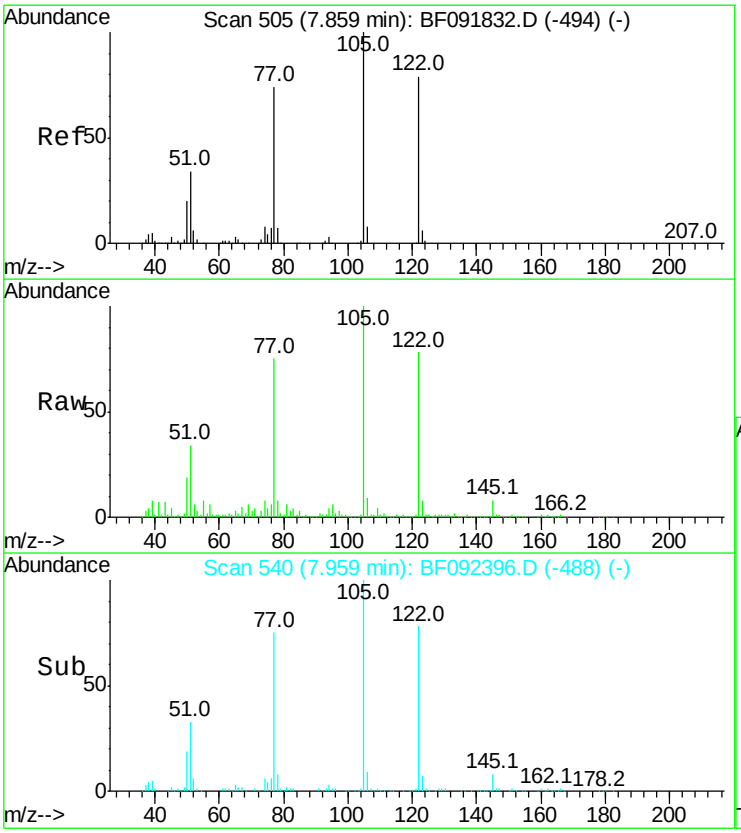
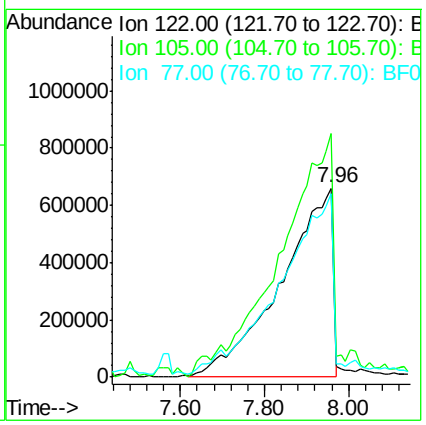
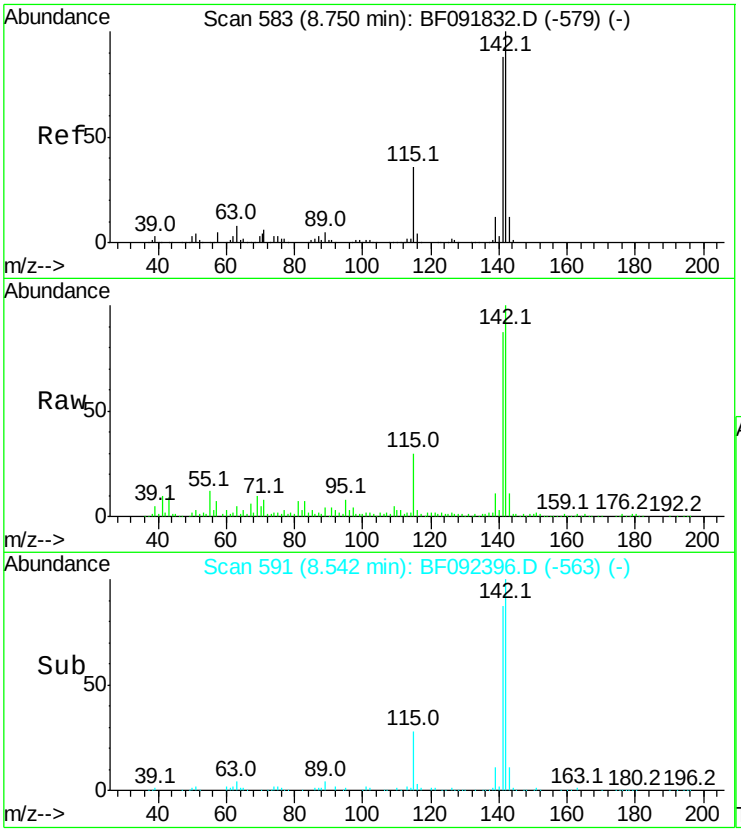


#32
Benzoic acid
Concen: 837.48 ng m
RT: 7.96 min Scan# 540
Delta R.T. 0.30 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:122 Resp: 5560329

Ion	Ratio	Lower	Upper
122	100		
105	128.9	107.2	147.2
77	97.0	74.5	114.5

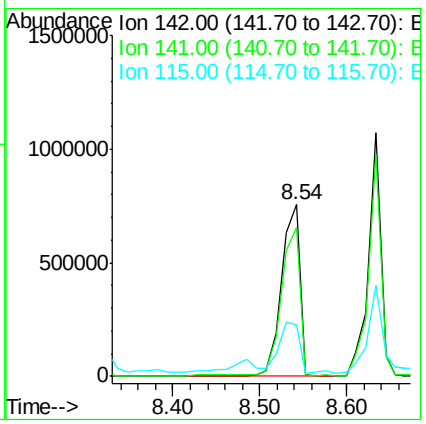




#37
2-Methylnaphthalene
Concen: Below Cal
RT: 8.54 min Scan# 591
Delta R.T. 0.02 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:142 Resp: 1111560

Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.0	106.6
115	29.9	28.3	42.5



Instrument :
BNA_F
ClientSampleId :
MW-02

Manual Integrations APPROVED
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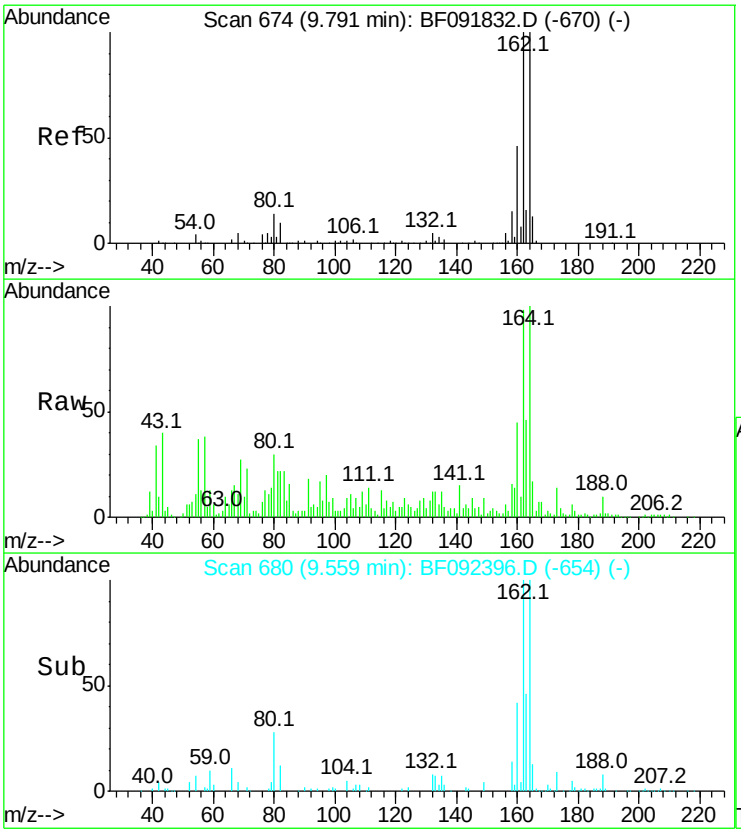
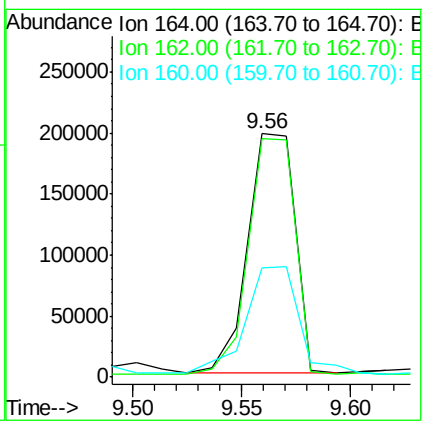
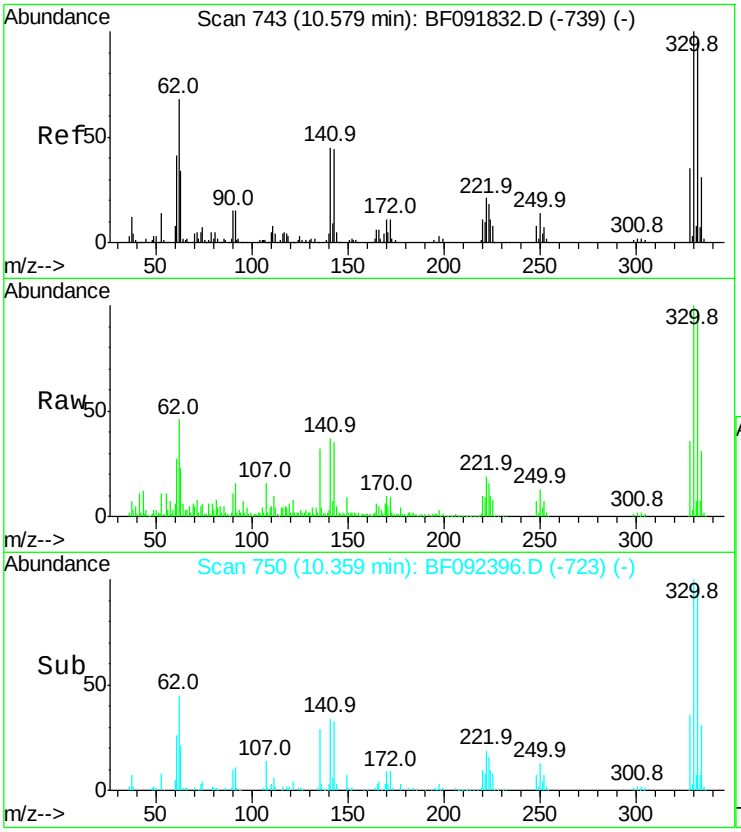


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:164 Resp: 295807

Ion	Ratio	Lower	Upper
164	100		
162	98.0	80.2	120.2
160	45.0	36.9	55.3

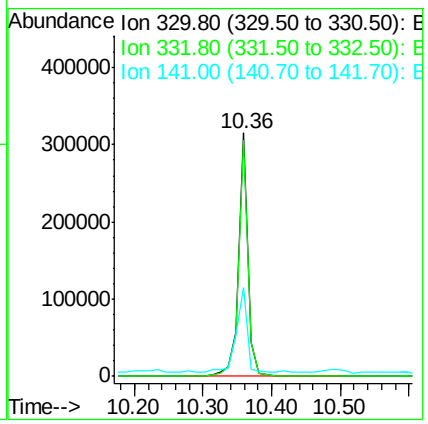




#41
2,4,6-Tribromophenol
Concen: 124.76 ng
RT: 10.36 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:330 Resp: 305407

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	40.5	34.1	51.1



Instrument :
BNA_F
ClientSampleId :
MW-02

Manual Integrations APPROVED
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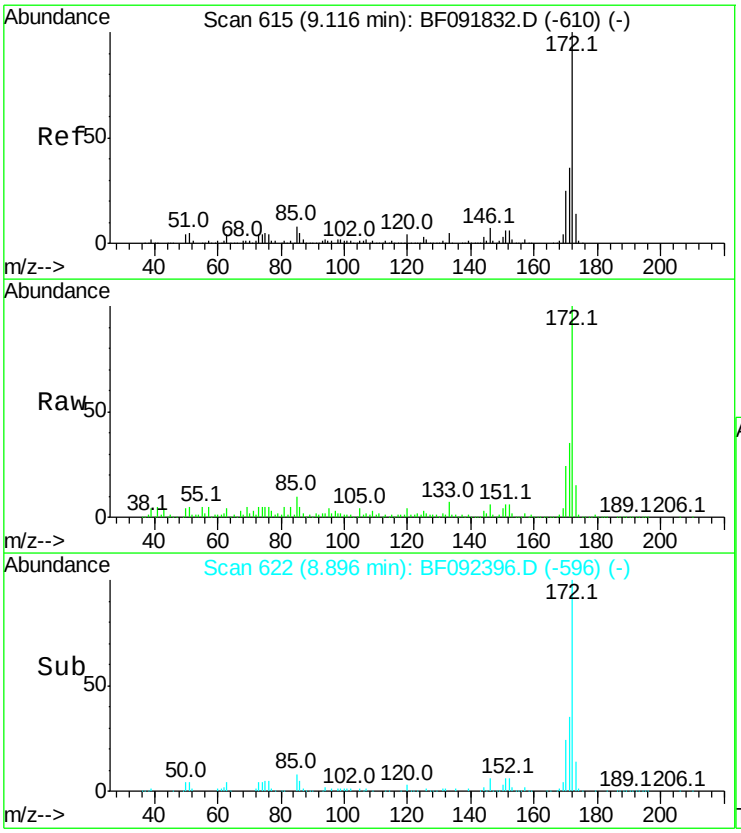
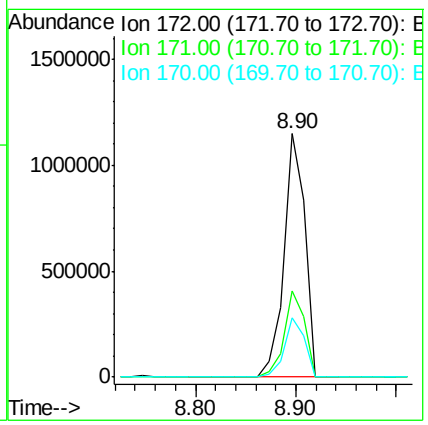
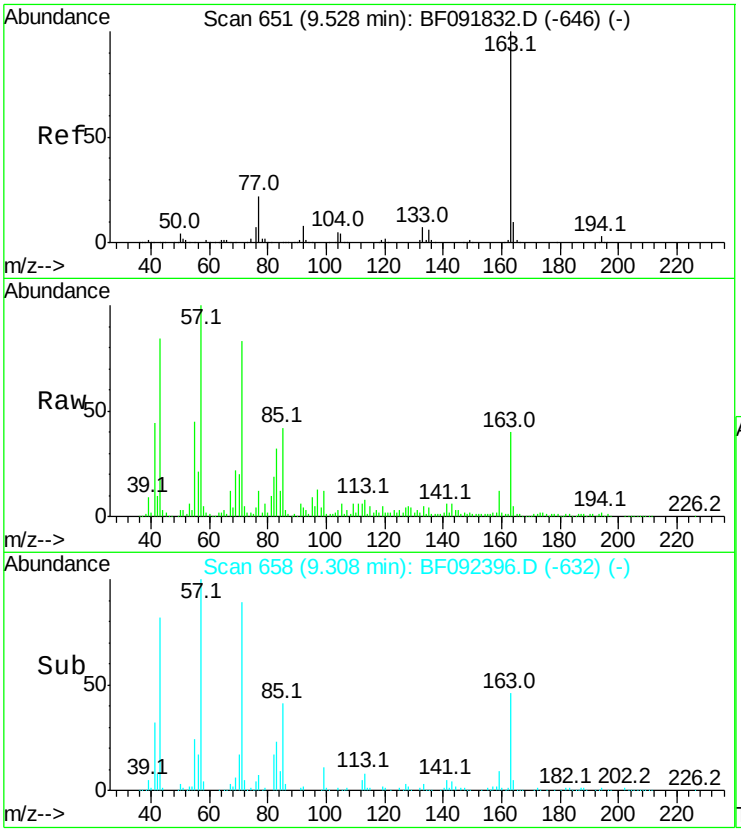


#44
2-Fluorobiphenyl
Concen: 119.42 ng
RT: 8.90 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:172 Resp: 1648702

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	24.3	20.2	30.4

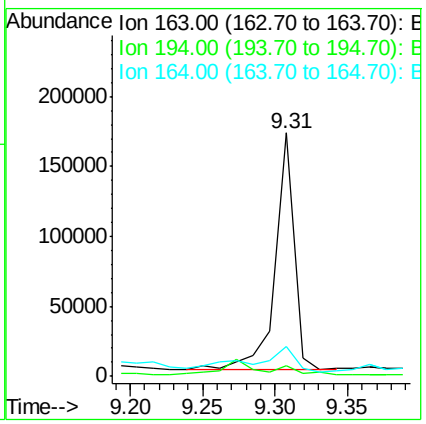




#49
Dimethylphthalate
Concen: 8.05 ng
RT: 9.31 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:163 Resp: 152304

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.4
164	12.4	8.0	12.0#



Instrument :
BNA_F
ClientSampleId :
MW-02

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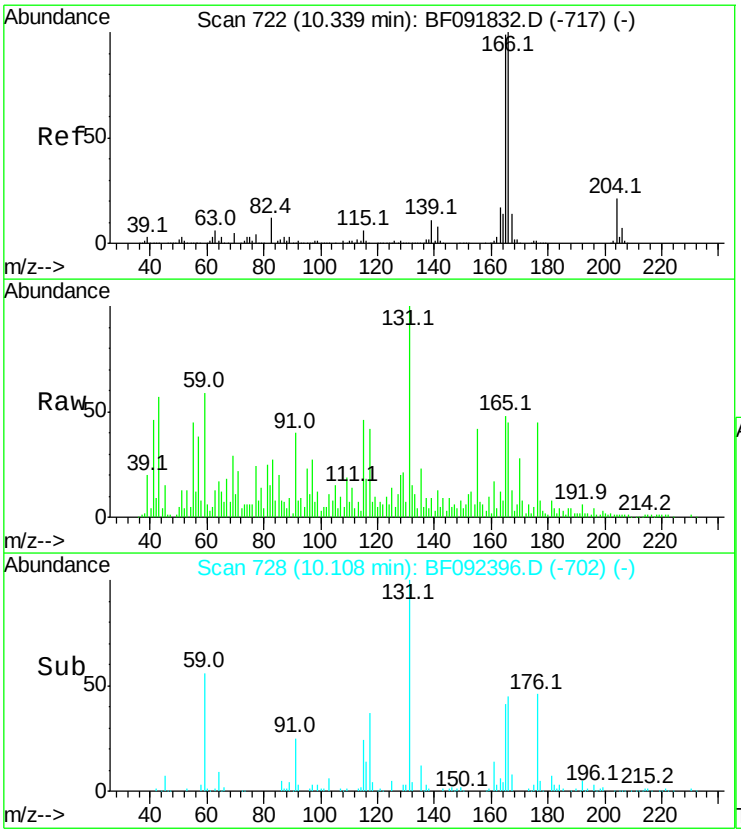
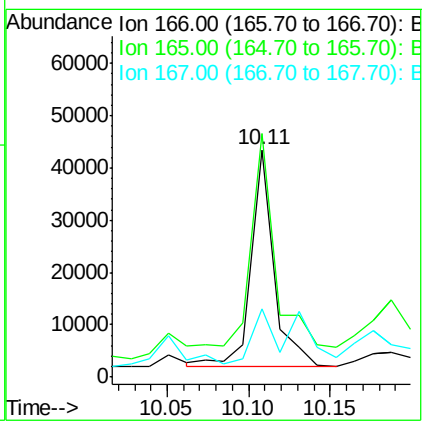
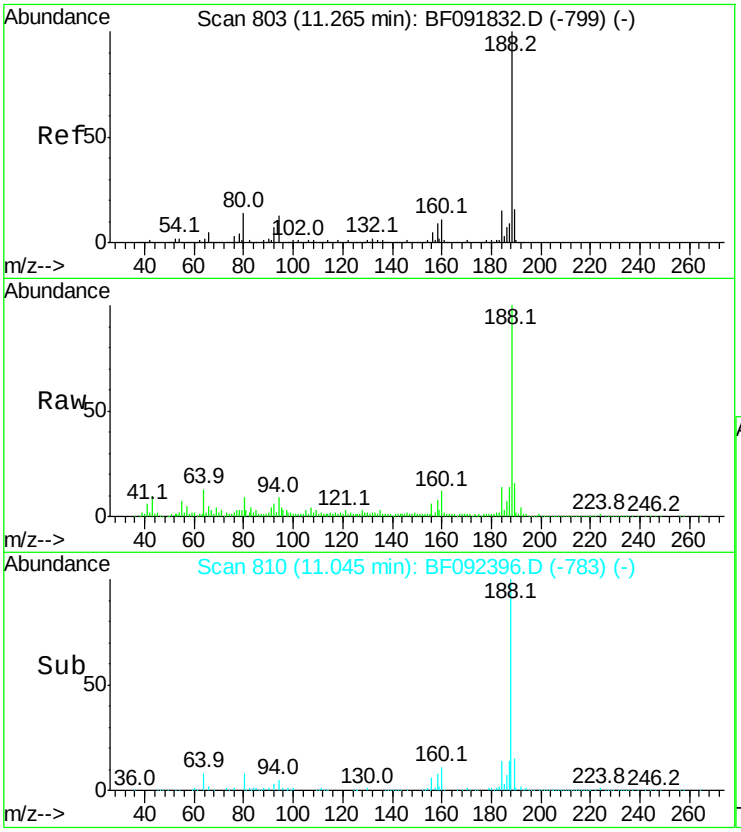


#57
Fluorene
Concen: 2.48 ng
RT: 10.11 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:166 Resp: 40778

Ion	Ratio	Lower	Upper
166	100		
165	107.0	77.8	116.8
167	30.0	10.8	16.2#





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:188 Resp: 445047

Ion	Ratio	Lower	Upper
188	100		
94	9.4	10.0	15.0#
80	9.1	11.2	16.8#

Instrument :
BNA_F
ClientSampleId :
MW-02

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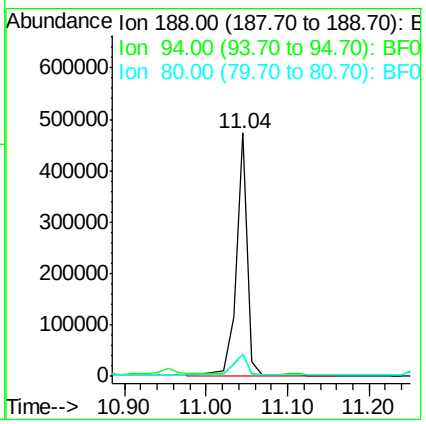
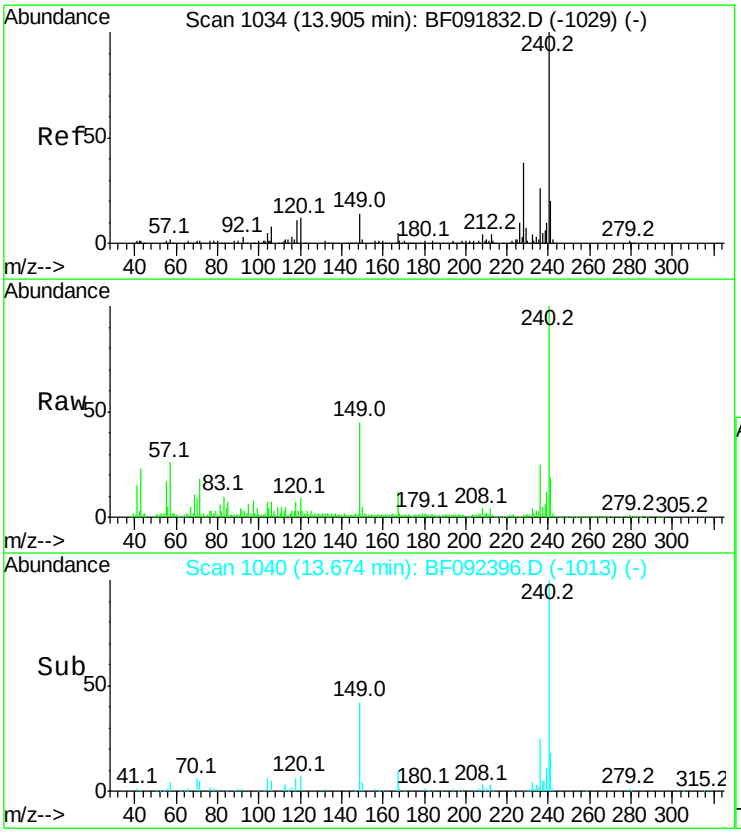
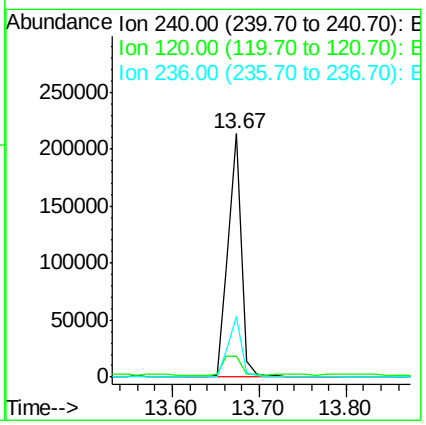


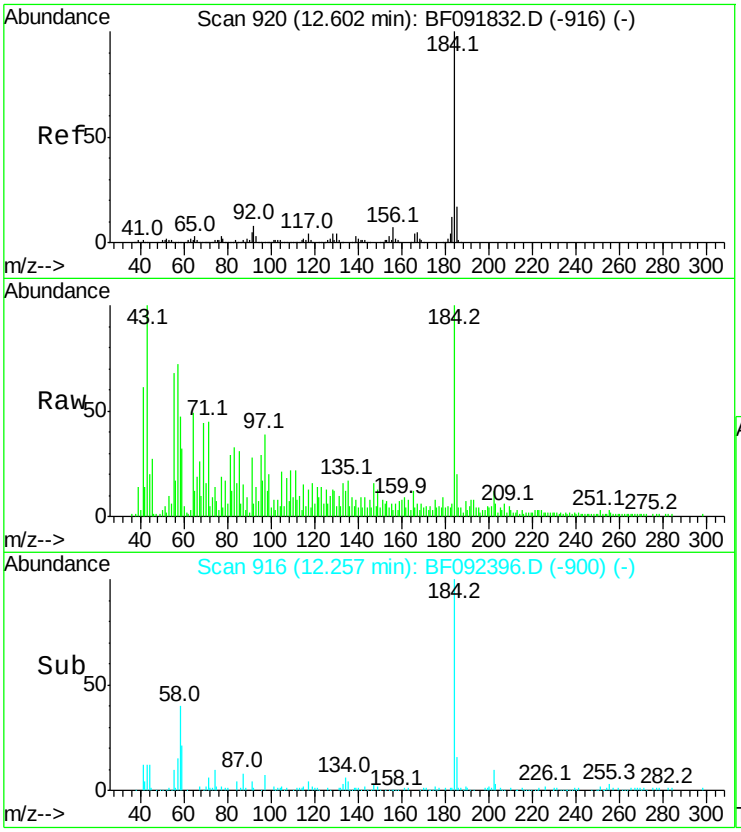


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:240 Resp: 224366

Ion	Ratio	Lower	Upper
240	100		
120	8.5	12.9	19.3#
236	25.1	20.9	31.3

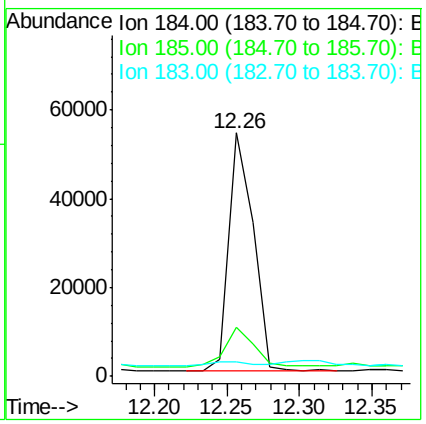




#76
Benzidine
Concen: 7.63 ng
RT: 12.26 min Scan# 916
Delta R.T. -0.11 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:184 Resp: 62995

Ion	Ratio	Lower	Upper
184	100		
185	20.1	13.4	20.0#
183	6.2	9.2	13.8#



Instrument :
BNA_F
ClientSampleId :
MW-02

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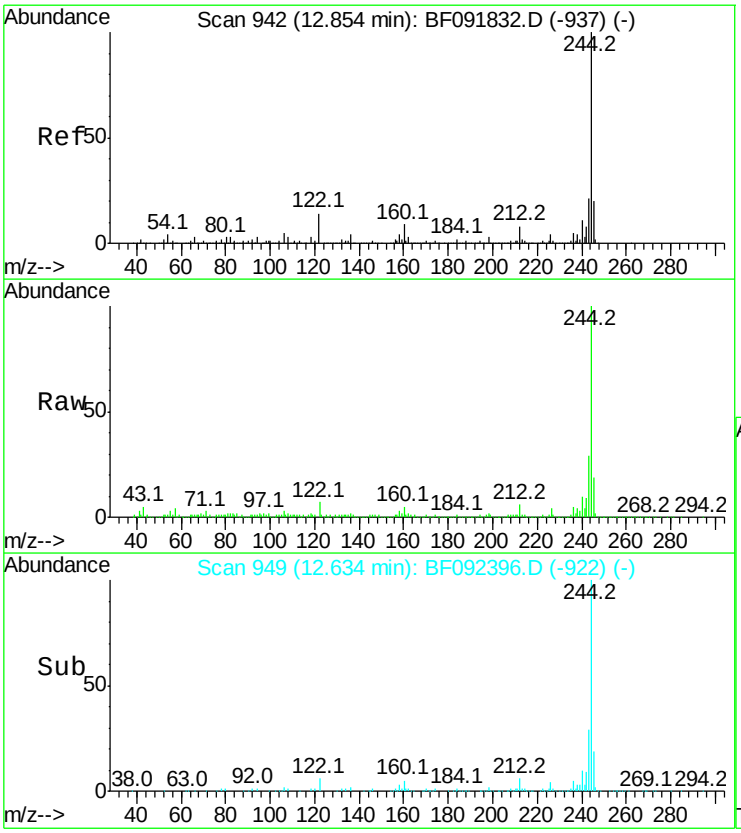
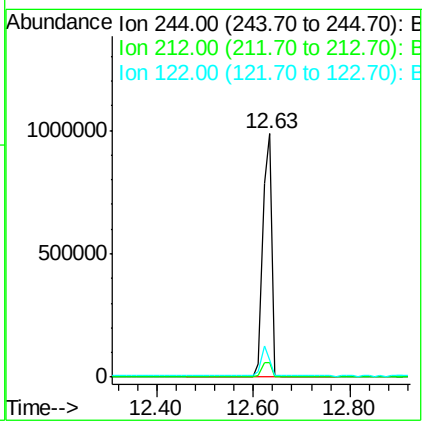
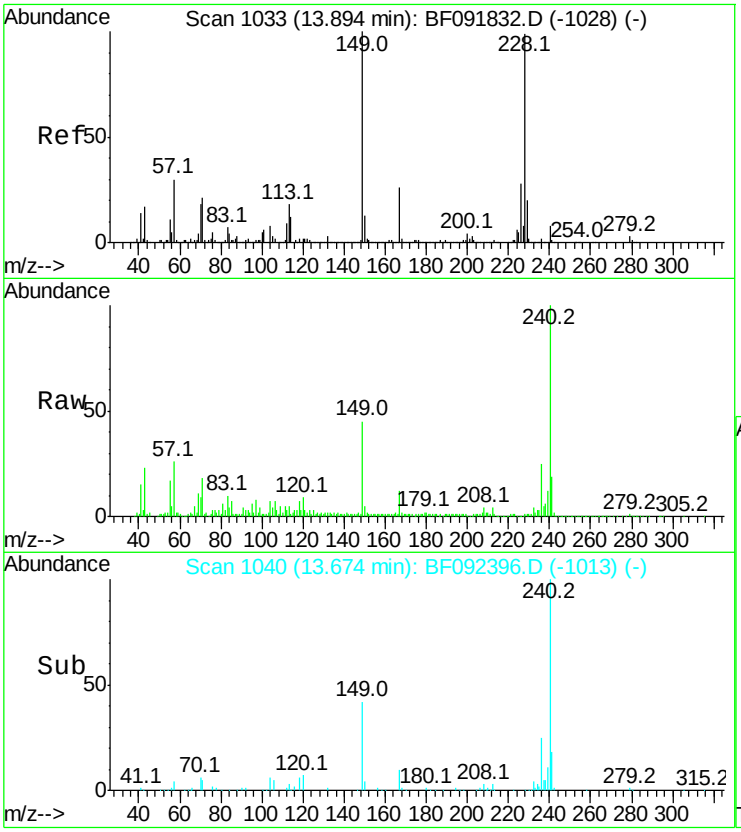


#78
Terphenyl-d14
Concen: 136.93 ng
RT: 12.63 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:244 Resp: 1266756

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.2	9.2#
122	7.0	11.4	17.2#





#83
Bis(2-ethylhexyl)phthalate
Concen: 9.78 ng
RT: 13.67 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:149 Resp: 86273

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.2	30.4
279	3.1	1.8	2.8#

Instrument :
BNA_F
ClientSampleId :
MW-02

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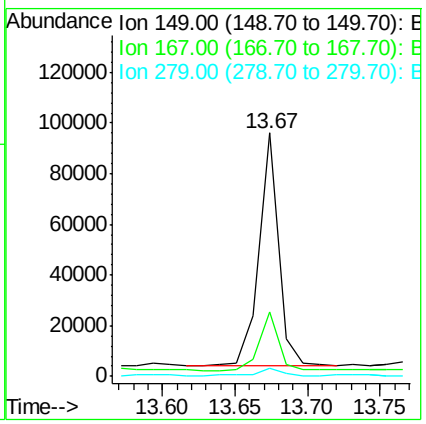

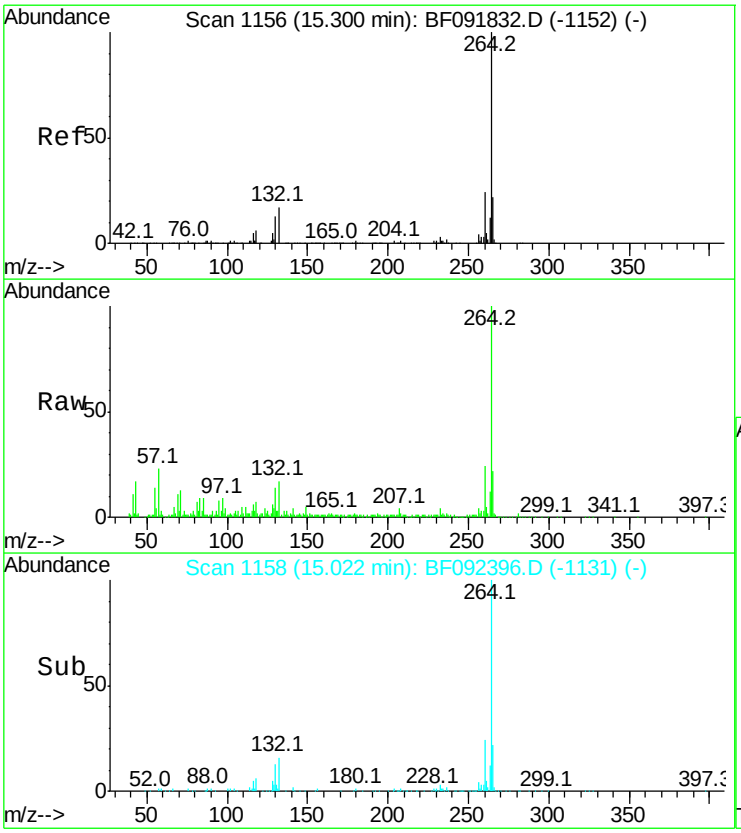

#86
Perylene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF092396.D
Acq: 21 Jan 2017 4:34

Tgt Ion:264 Resp: 162333

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.4	26.0