Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
Data File : BF076989.D
Acq On : 21 Jan 2015 7:39
Operator : IZ / TP
Sample : G1111-02
Misc : S
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBDC2-011615

Manual Integrations APPROVED
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Quant Time: Jan 21 11:22:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 15 11:52:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	27655	20.00	ng		-0.11
21) Naphthalene-d8	10.81	136	125491m	20.00	ng		-0.11
38) Acenaphthene-d10	14.95	164	67349	20.00	ng		-0.13
63) Phenanthrene-d10	17.73	188	115729m	20.00	ng		-0.09
75) Chrysene-d12	21.23	240	110530	20.00	ng		-0.08
86) Perylene-d12	22.87	264	103366	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	186659	110.97	ng		-0.13
7) Phenol-d6	7.32	99	233913	110.24	ng		-0.10
23) Nitrobenzene-d5	9.20	82	140542	62.05	ng		-0.11
41) 2,4,6-Tribromophenol	16.63	330	47785m	87.41	ng		-0.09
44) 2-Fluorobiphenyl	13.47	172	193859	43.80	ng		-0.13
78) Terphenyl-d14	19.97	244	162621	33.87	ng		-0.07
Target Compounds							Qvalue
49) Dimethylphthalate	14.54	163	20601	4.31	ng		99
59) Diethylphthalate	16.16	149	41090	8.51	ng		98
77) Pyrene	19.69	202	15286	2.02	ng	#	96
83) Bis(2-ethylhexyl)phthalate	21.36	149	33101	6.97	ng	#	97

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

Quantitation Report (LSC Reviewed)

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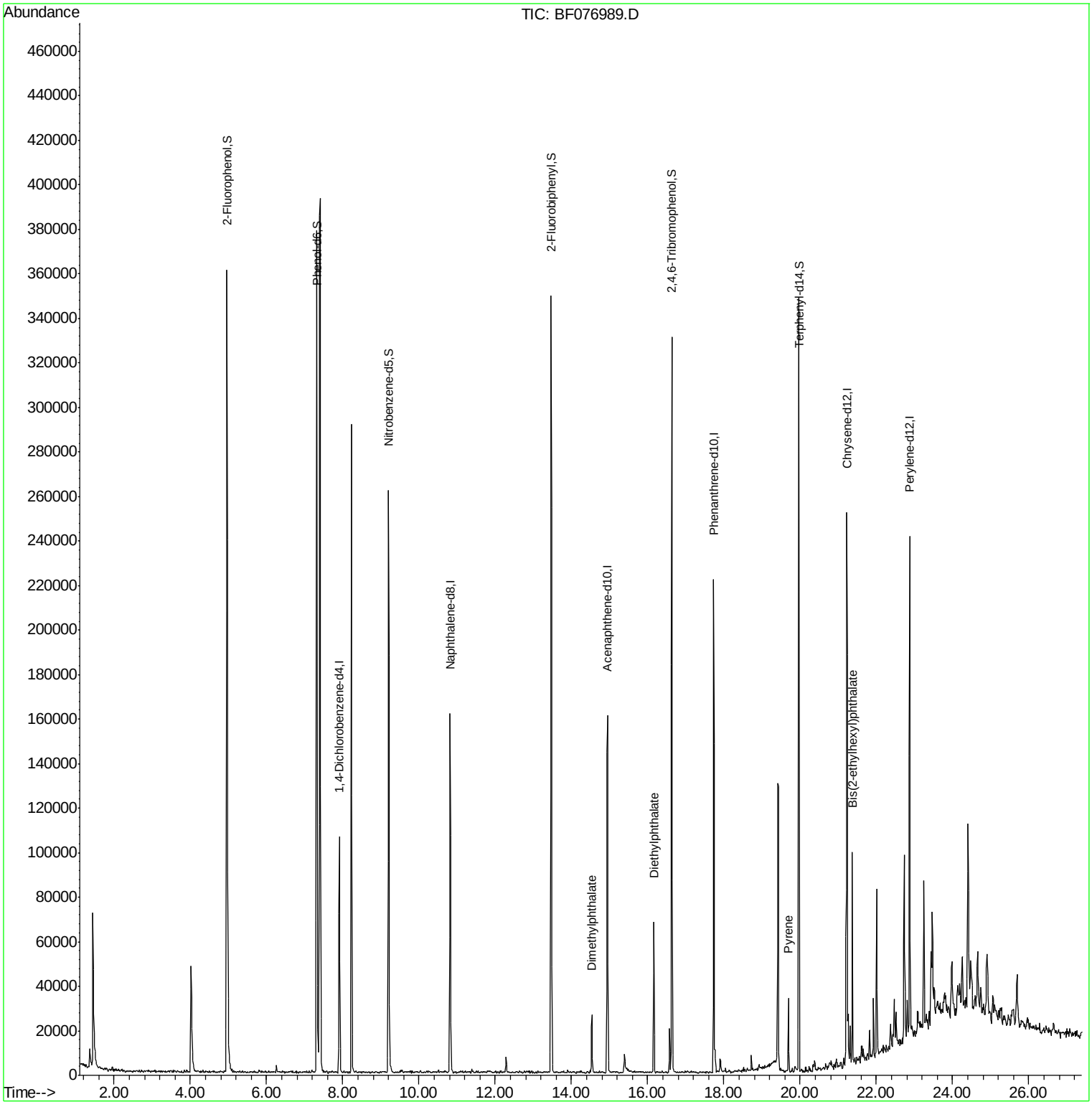
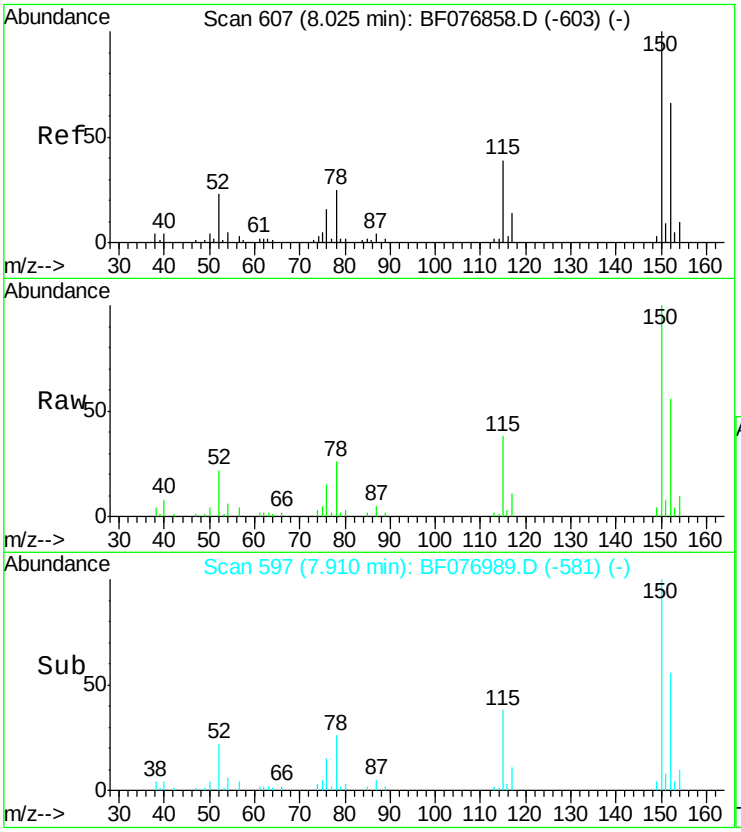
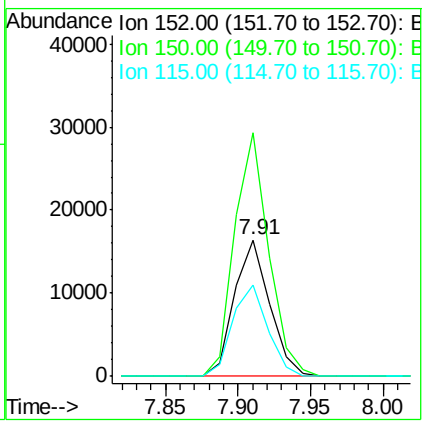




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.11 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:152 Resp: 27655

Ion	Ratio	Lower	Upper
152	100		
150	178.8	121.7	182.5
115	67.3	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
RBDC2-011615

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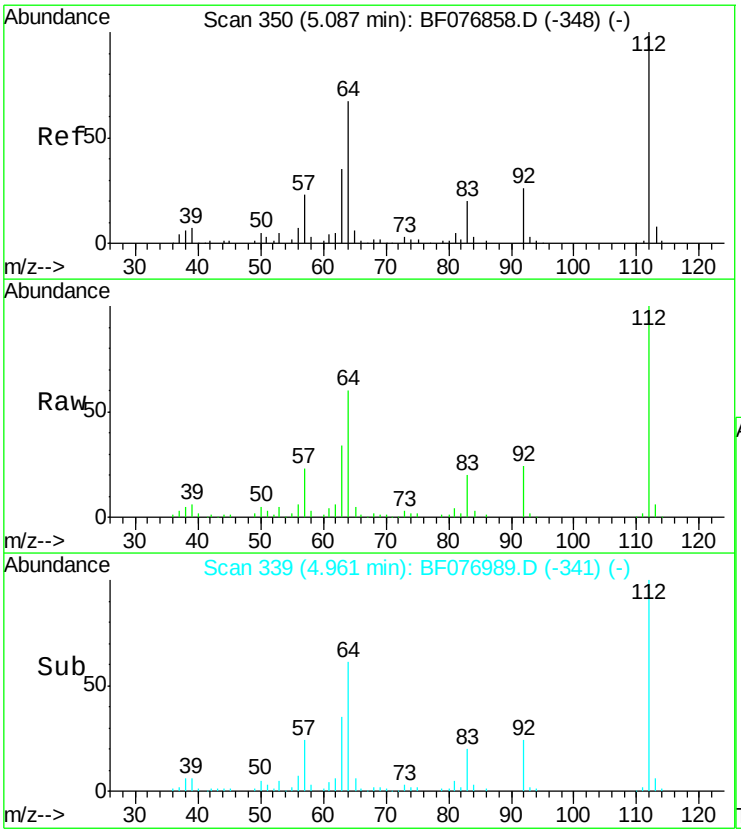
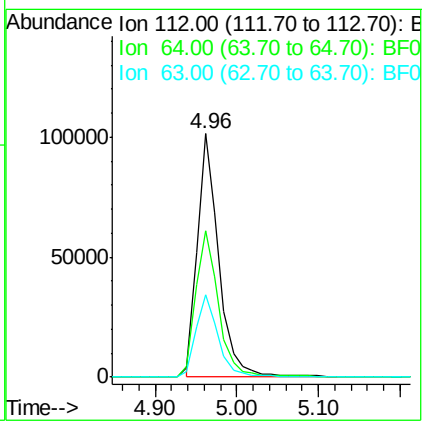
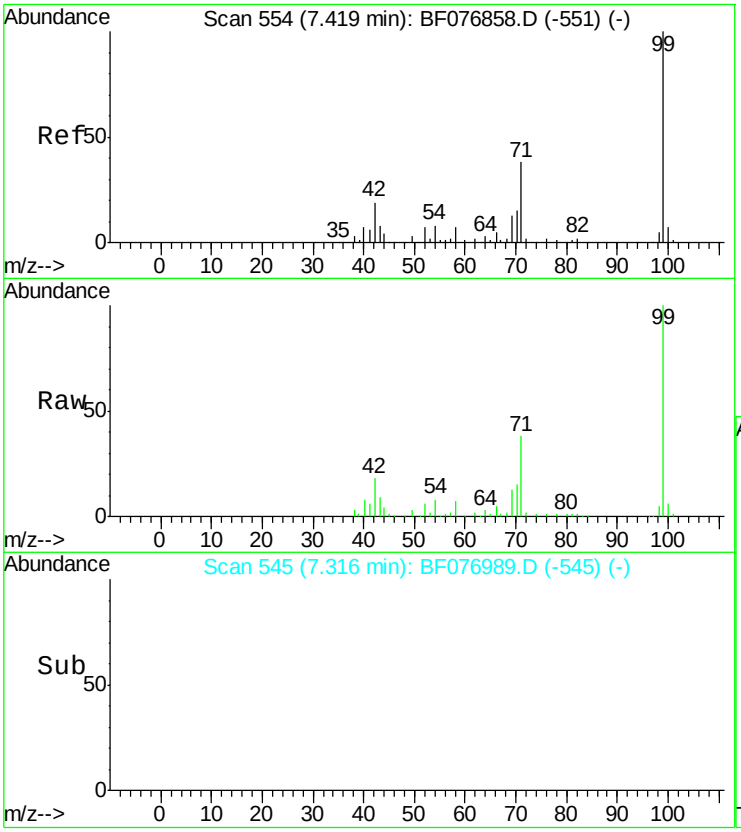


#5
2-Fluorophenol
Concen: 110.97 ng
RT: 4.96 min Scan# 339
Delta R.T. -0.13 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:112 Resp: 186659

Ion	Ratio	Lower	Upper
112	100		
64	60.1	54.2	81.4
63	33.7	28.4	42.6

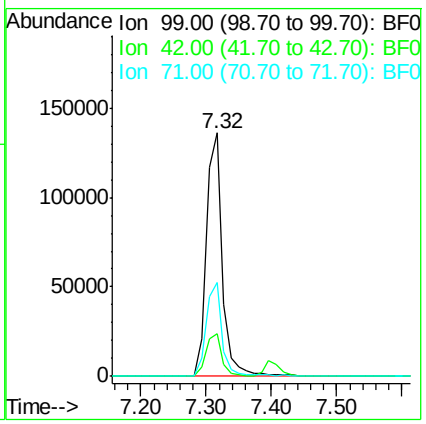




#7
Phenol-d6
Concen: 110.24 ng
RT: 7.32 min Scan# 545
Delta R.T. -0.10 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion: 99 Resp: 233913

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	38.3	30.5	45.7



Instrument :
BNA_F
ClientSampleId :
RBDC2-011615

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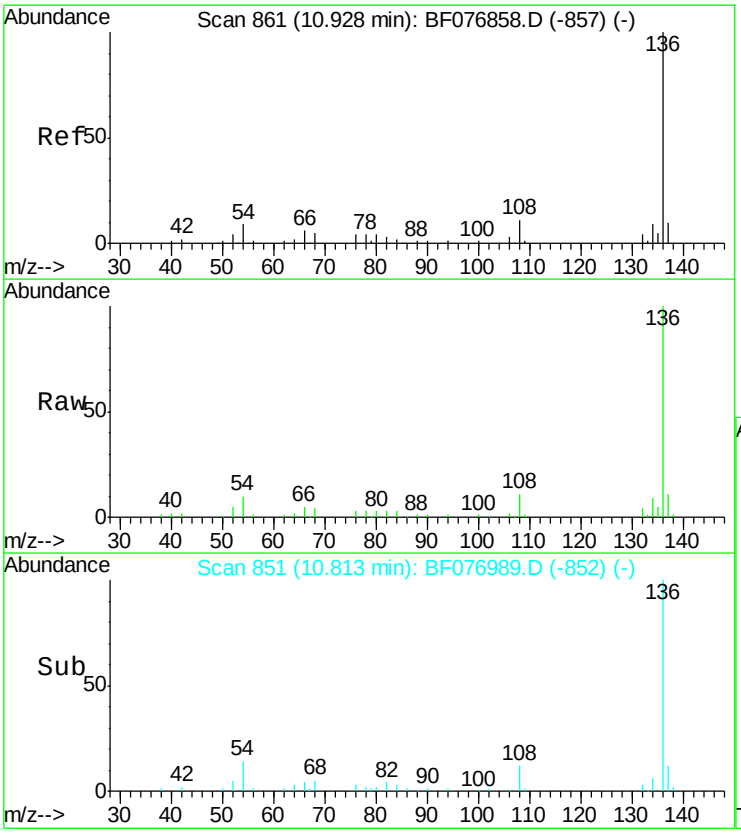
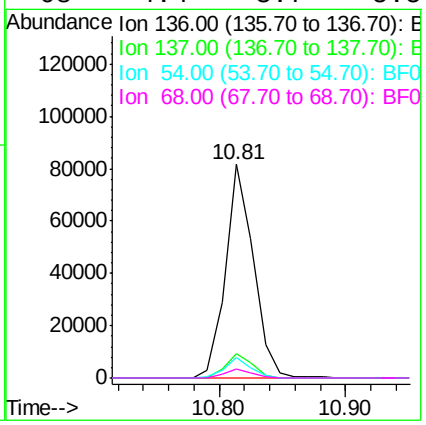
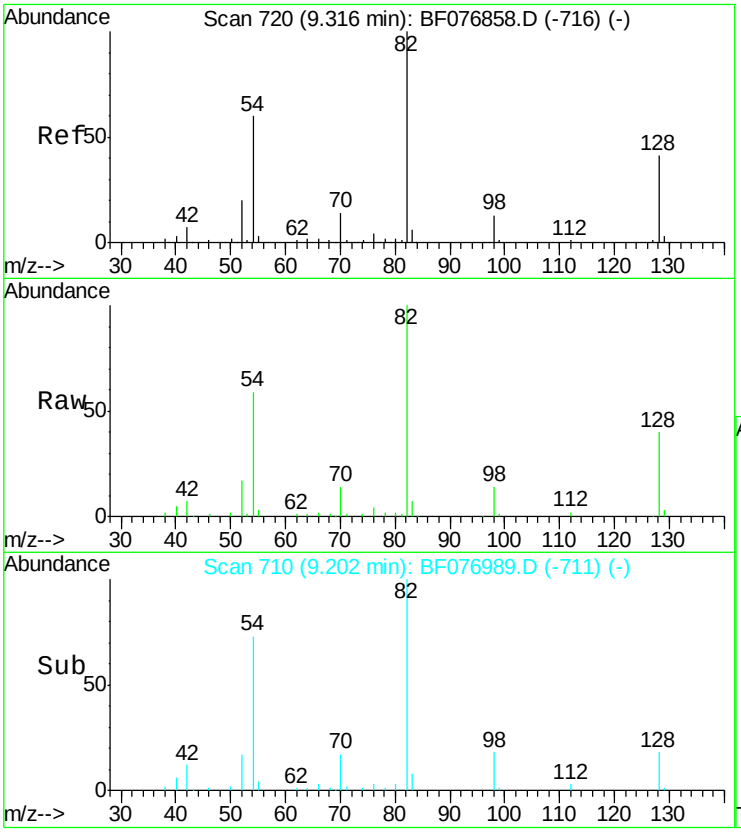


#21
Naphthalene-d8
Concen: 20.00 ng m
RT: 10.81 min Scan# 851
Delta R.T. -0.11 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:136 Resp: 125491

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.1	12.1
54	9.6	7.0	10.4
68	4.4	3.7	5.5

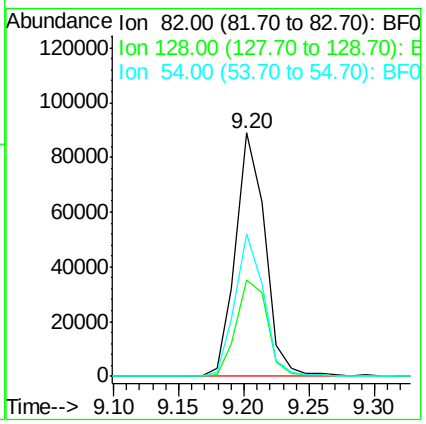




#23
Nitrobenzene-d5
Concen: 62.05 ng
RT: 9.20 min Scan# 710
Delta R.T. -0.11 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion: 82 Resp: 140542

Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.1	49.7
54	58.7	48.3	72.5



Instrument :
BNA_F
ClientSampleId :
RBDC2-011615

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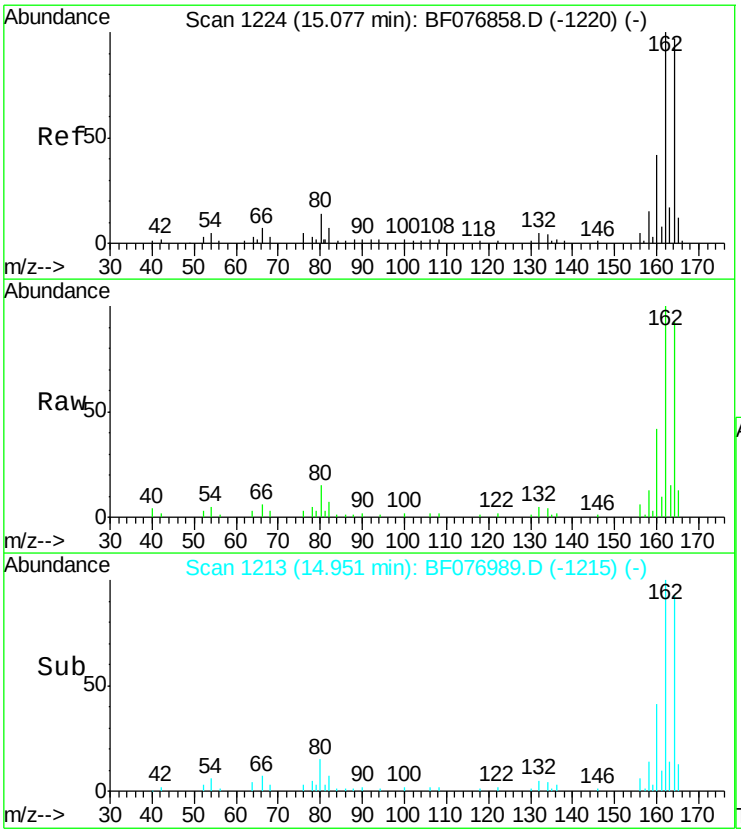
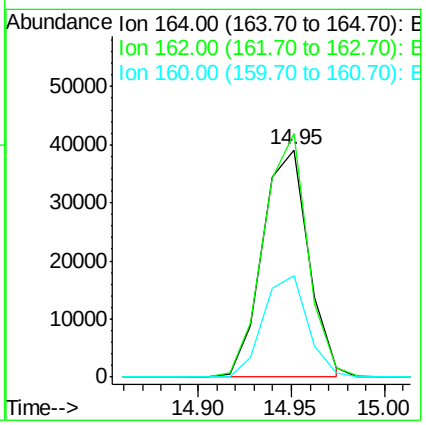
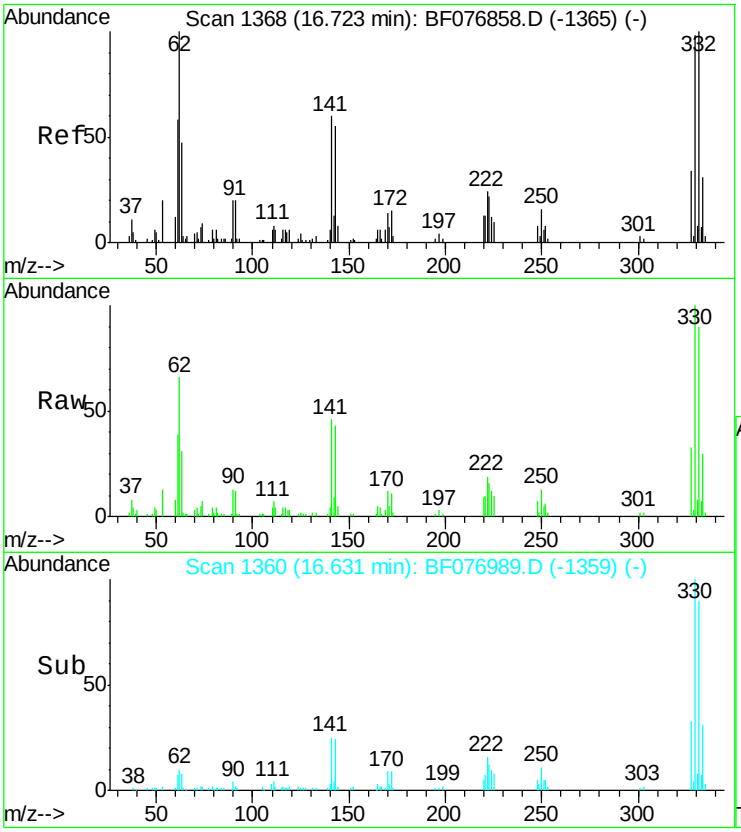


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 1213
Delta R.T. -0.13 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:164 Resp: 67349

Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.4	123.6
160	44.5	34.8	52.2





#41
2,4,6-Tribromophenol
Concen: 87.41 ng m
RT: 16.63 min Scan# 1360
Delta R.T. -0.09 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:330 Resp: 47785

Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.8	116.6#
141	0.0	38.5	57.7#

Instrument :
BNA_F
ClientSampleId :
RBDC2-011615

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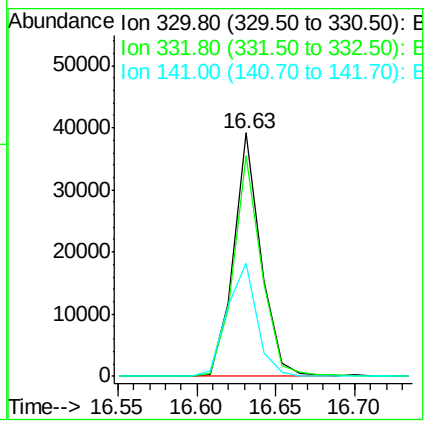
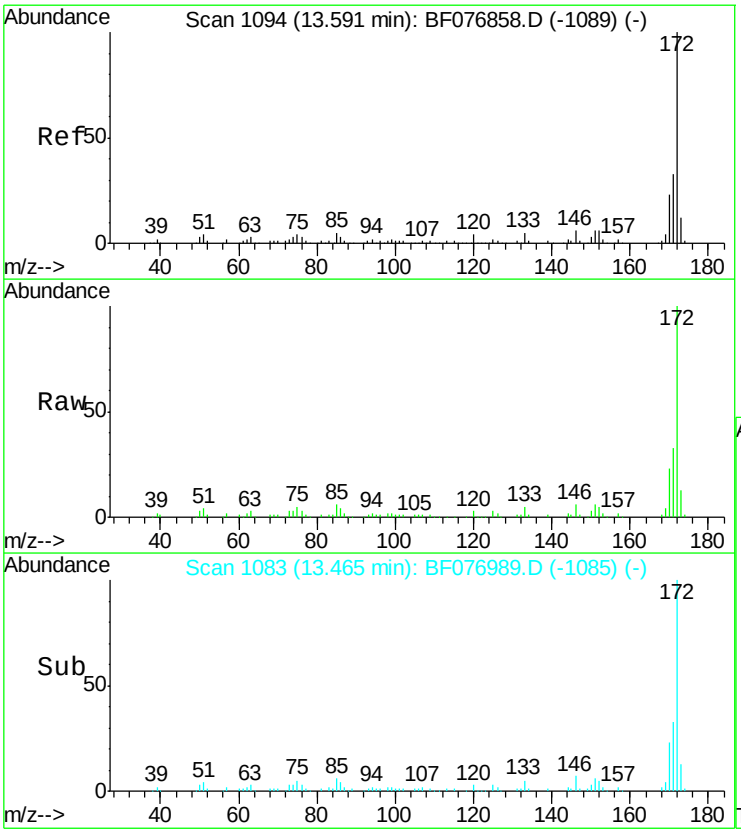
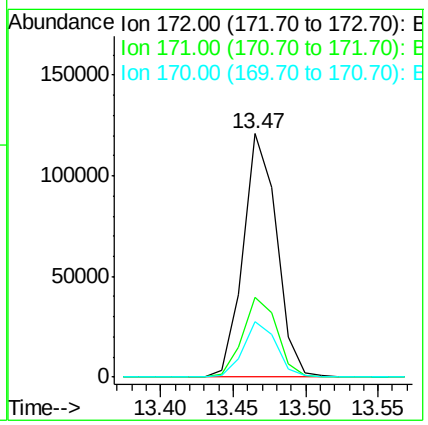


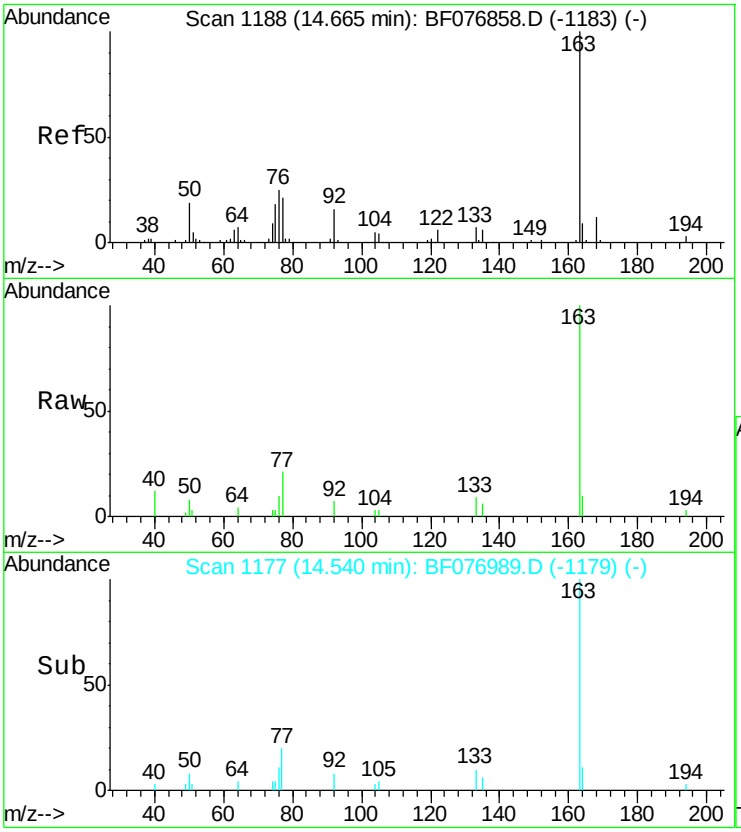


#44
2-Fluorobiphenyl
Concen: 43.80 ng
RT: 13.47 min Scan# 1083
Delta R.T. -0.13 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:172 Resp: 193859

Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.6	40.0
170	22.8	18.0	27.0

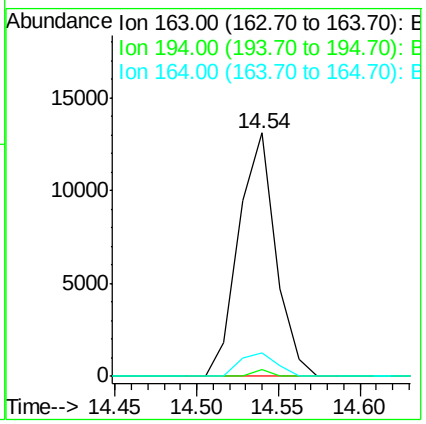




#49
Dimethylphthalate
Concen: 4.31 ng
RT: 14.54 min Scan# 1177
Delta R.T. -0.13 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:163 Resp: 20601

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.9	7.5	11.3



Instrument :
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ClientSampleId :
RBDC2-011615

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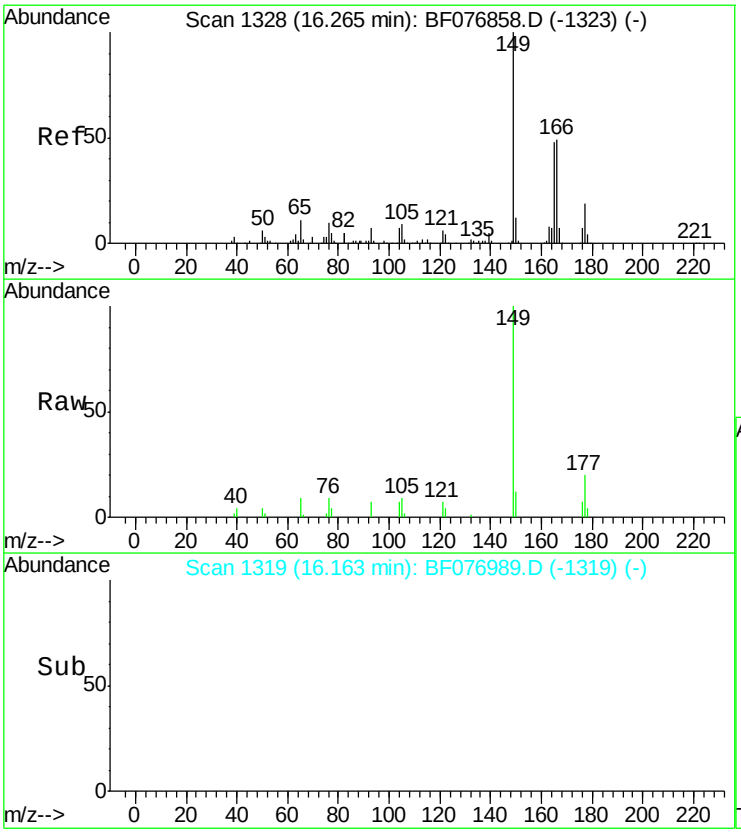
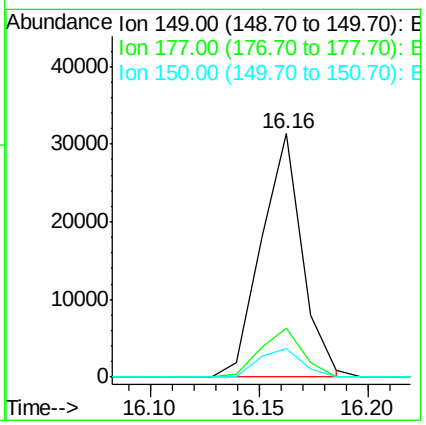
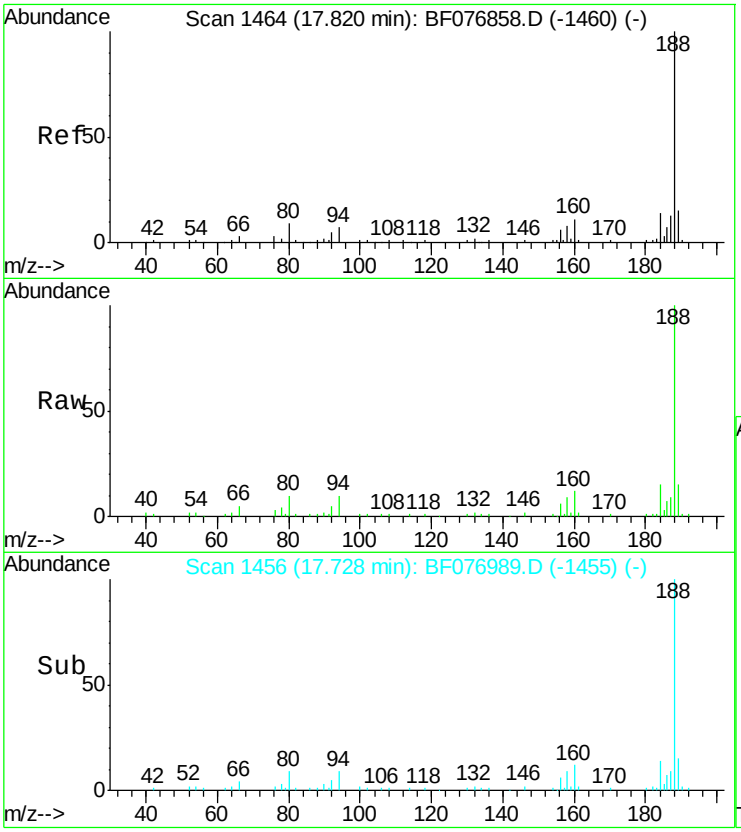


#59
Diethylphthalate
Concen: 8.51 ng
RT: 16.16 min Scan# 1319
Delta R.T. -0.10 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:149 Resp: 41090

Ion	Ratio	Lower	Upper
149	100		
177	20.2	15.0	22.6
150	11.7	9.4	14.0





#63
Phenanthrene-d10
Concen: 20.00 ng m
RT: 17.73 min Scan# 1456
Delta R.T. -0.09 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:188 Resp: 115729

Ion	Ratio	Lower	Upper
188	100		
94	10.2	6.0	9.0#
80	10.3	6.9	10.3#

Instrument :
BNA_F
ClientSampleId :
RBDC2-011615

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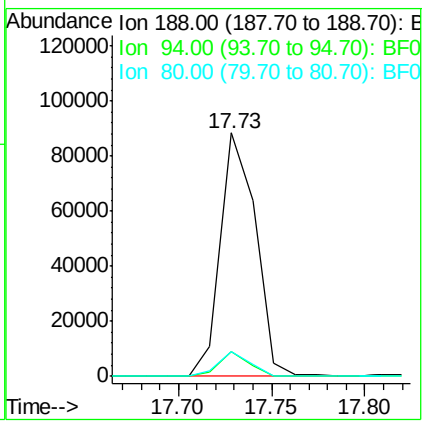
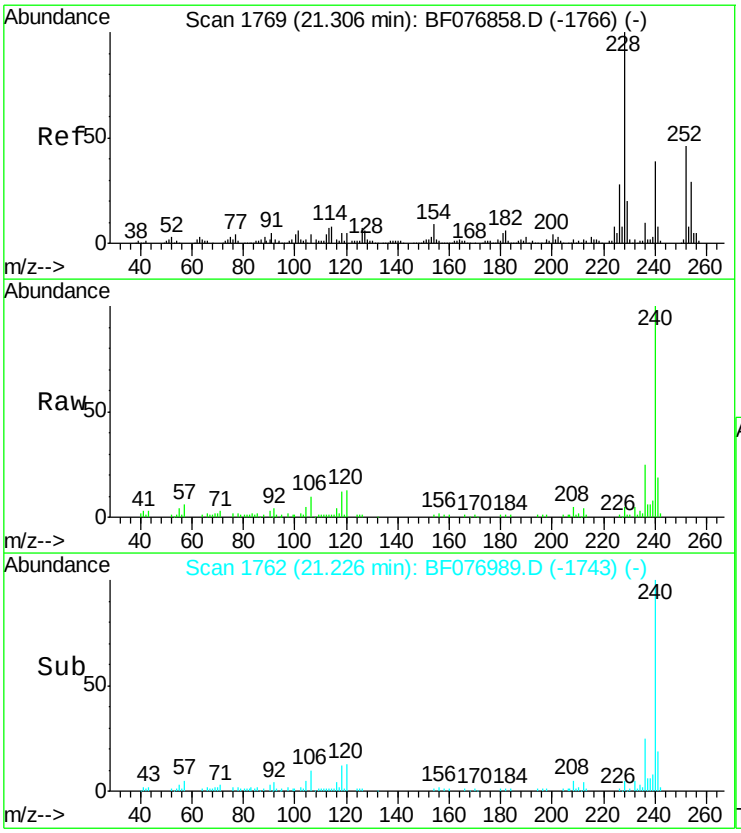
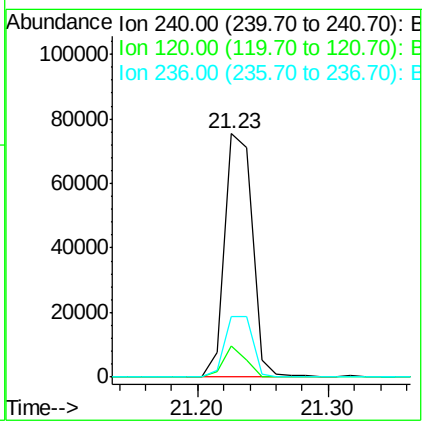


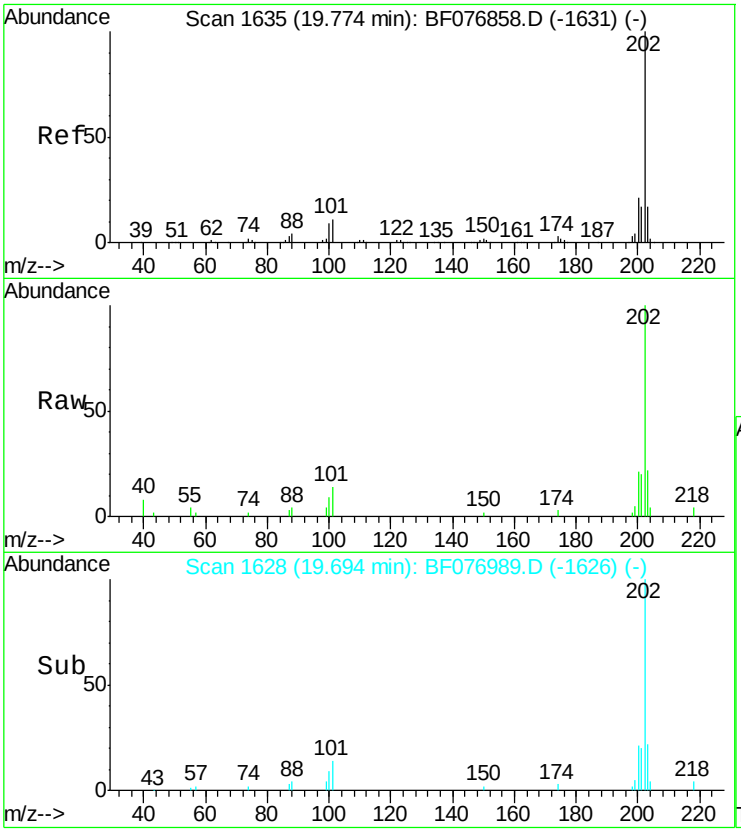


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 1762
Delta R.T. -0.08 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:240 Resp: 110530

Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.4	15.6
236	25.1	20.2	30.2





#77
Pyrene
Concen: 2.02 ng
RT: 19.69 min Scan# 1628
Delta R.T. -0.08 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:202 Resp: 15286

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	21.7	14.0	21.0#

Instrument :
BNA_F
ClientSampleId :
RBDC2-011615

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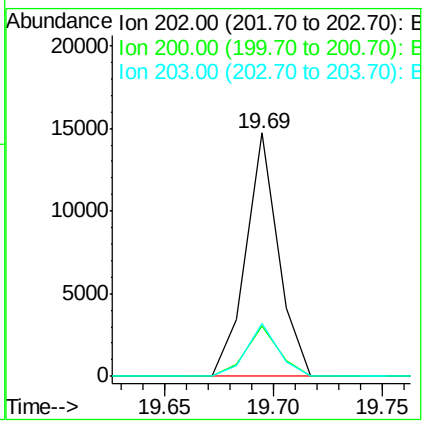
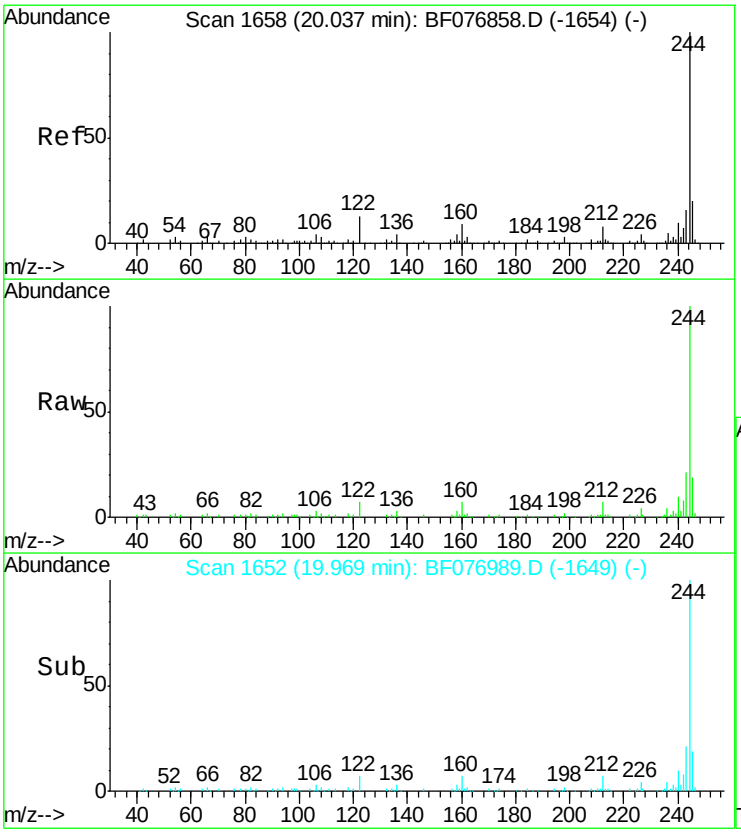
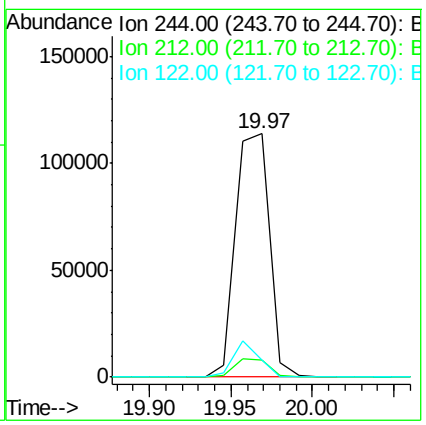


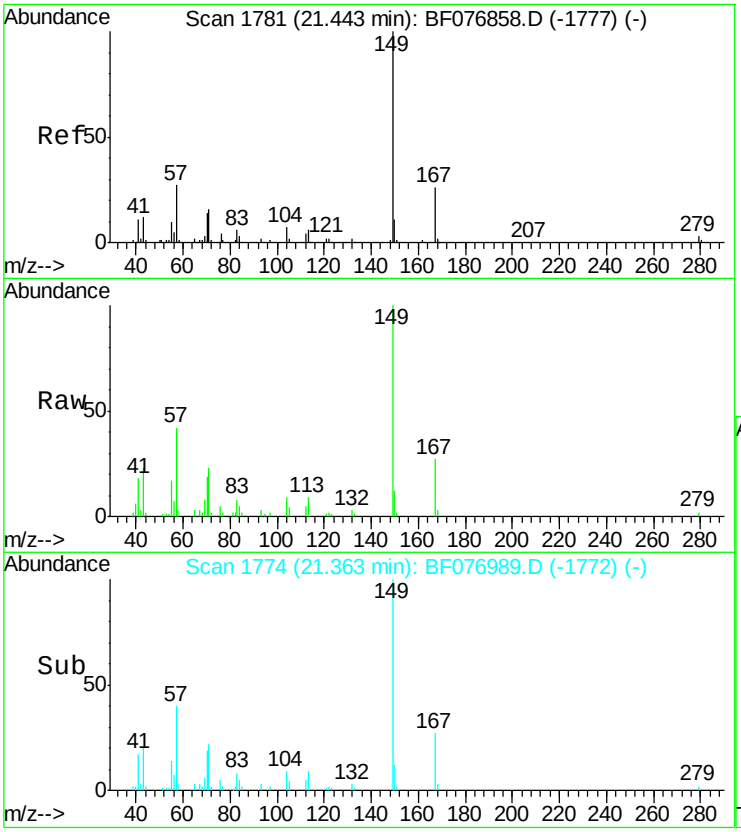


#78
Terphenyl-d14
Concen: 33.87 ng
RT: 19.97 min Scan# 1652
Delta R.T. -0.07 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:244 Resp: 162621

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.3	9.5
122	7.2	10.1	15.1#





#83
Bis(2-ethylhexyl)phthalate
Concen: 6.97 ng
RT: 21.36 min Scan# 1774
Delta R.T. -0.08 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:149 Resp: 33101

Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.6	30.8
279	1.8	2.2	3.2#

Instrument :
BNA_F
ClientSampleId :
RBDC2-011615

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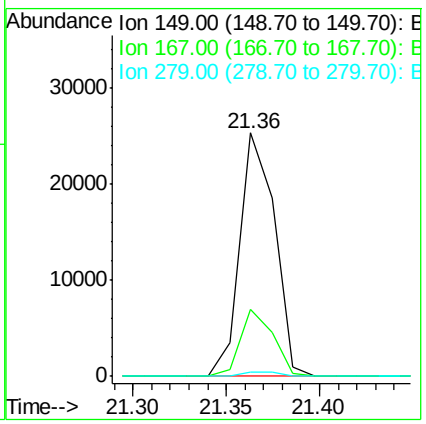

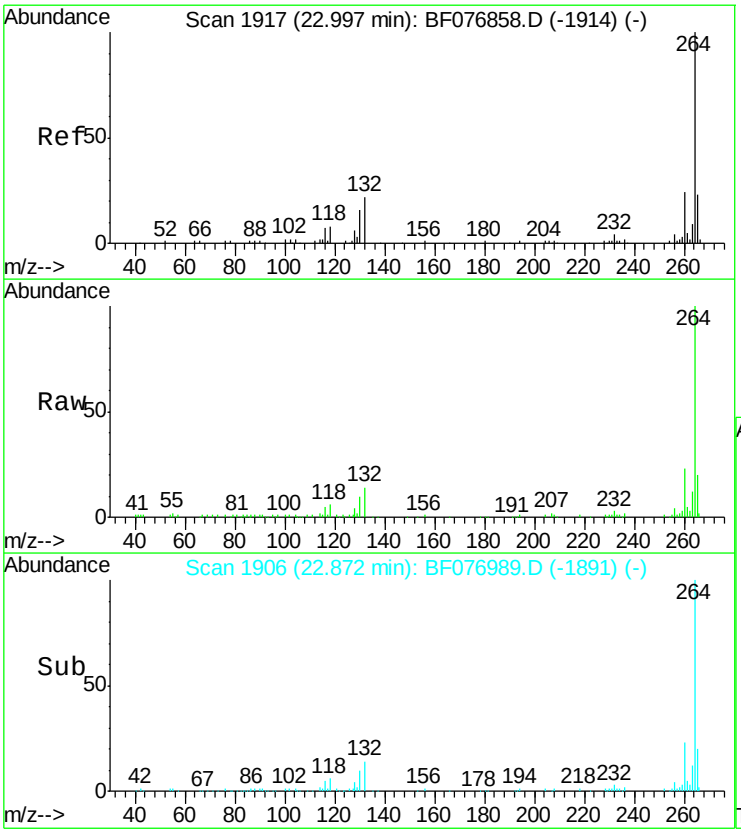

#86
Perylene-d12
Concen: 20.00 ng
RT: 22.87 min Scan# 1906
Delta R.T. -0.13 min
Lab File: BF076989.D
Acq: 21 Jan 2015 7:39

Tgt Ion:264 Resp: 103366

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	20.4	18.1	27.1