Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
Data File : BF084009.D
Acq On : 23 Dec 2015 1:01
Operator : UM/SJ
Sample : G4894-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Time: Dec 23 02:50:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	43228	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	174279	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	82739	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	154917	20.00	ng		0.00
75) Chrysene-d12	13.99	240	139044	20.00	ng		-0.01
86) Perylene-d12	15.41	264	108827	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	159511	62.92	ng		0.00
7) Phenol-d6	6.48	99	113977	38.24	ng		0.00
23) Nitrobenzene-d5	7.39	82	254283	89.63	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	133639	167.92	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	603318	98.14	ng		0.00
78) Terphenyl-d14	12.93	244	503040	86.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	70107	58.08	ng		98
9) Benzaldehyde	6.60	77	7368	3.70	ng		98
19) n-Nitroso-di-n-propylamine	7.39	70	34802	19.27	ng	#	77
25) Isophorone	7.39	82	226376	42.11	ng	#	66
49) Dimethylphthalate	9.58	163	16305	2.52	ng	#	88
50) 2,6-Dinitrotoluene	9.87	165	10564	7.73	ng	#	35
56) 2,4-Dinitrotoluene	9.87	165	10564	6.15	ng	#	20
66) 4-Bromophenyl-phenylether	10.66	248	9669	5.44	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 23 Dec 2015 1:01
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Misc :
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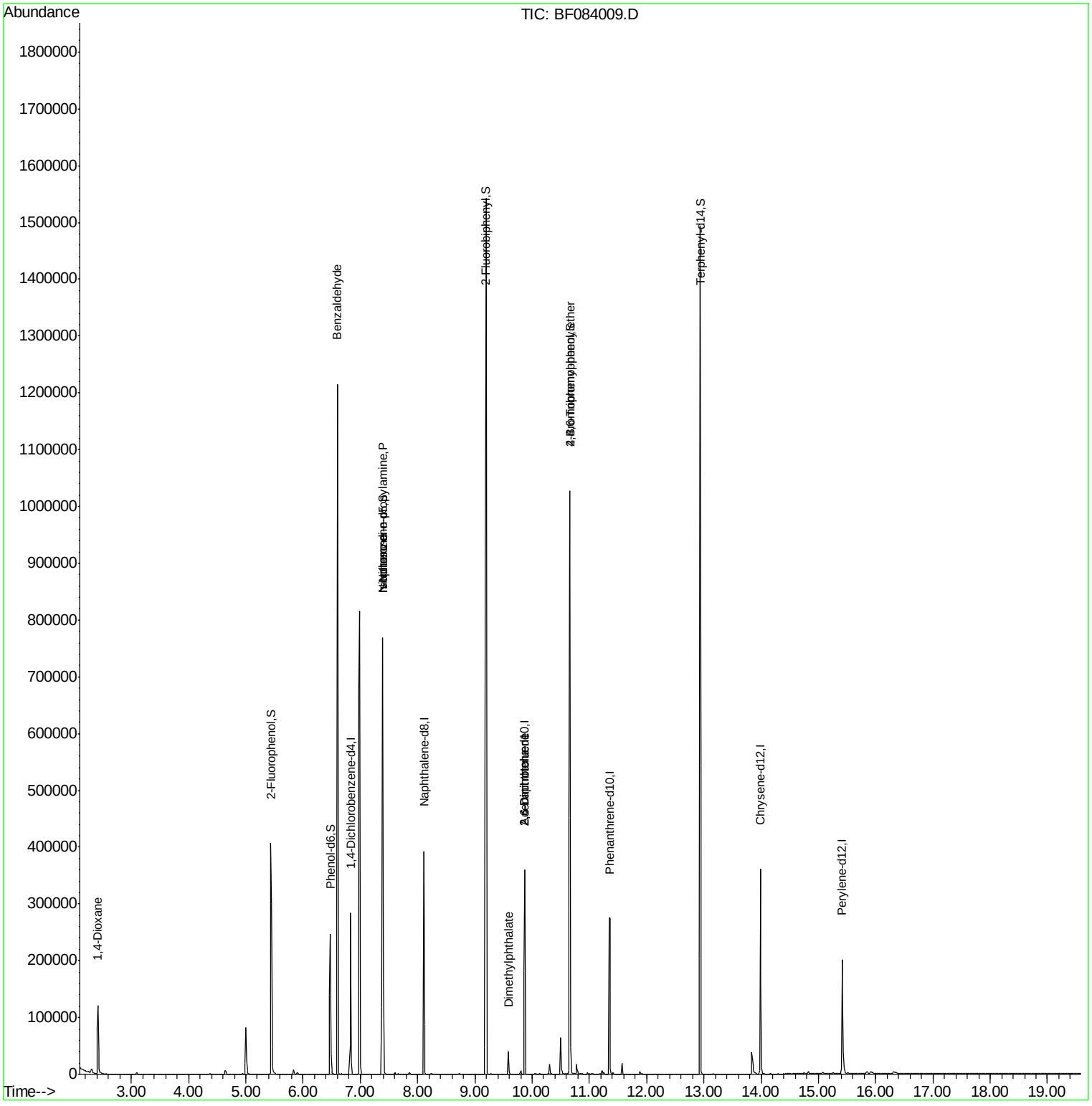
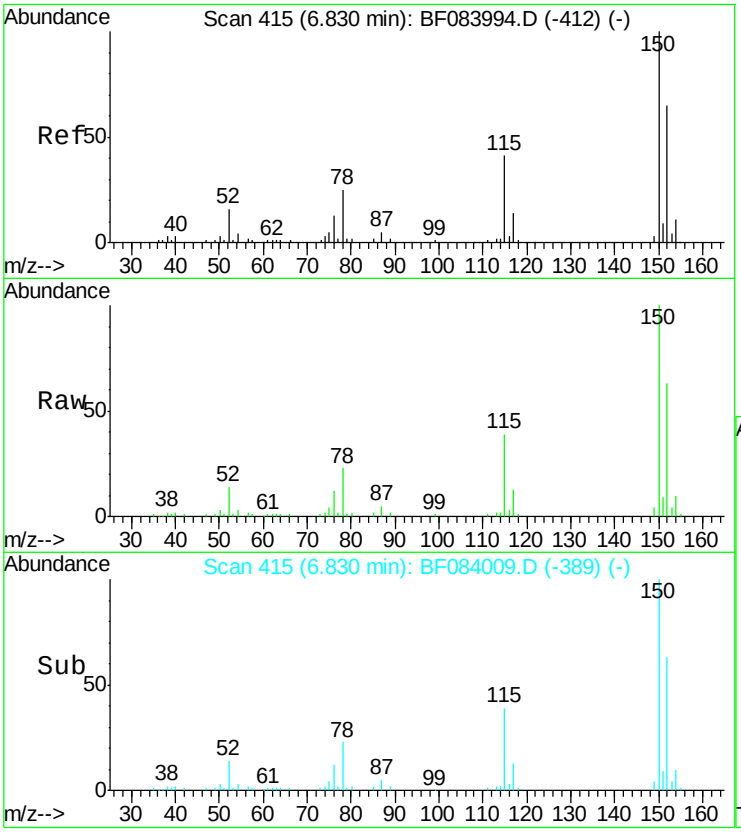
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration



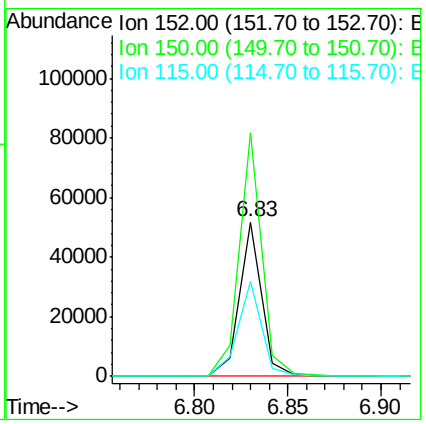


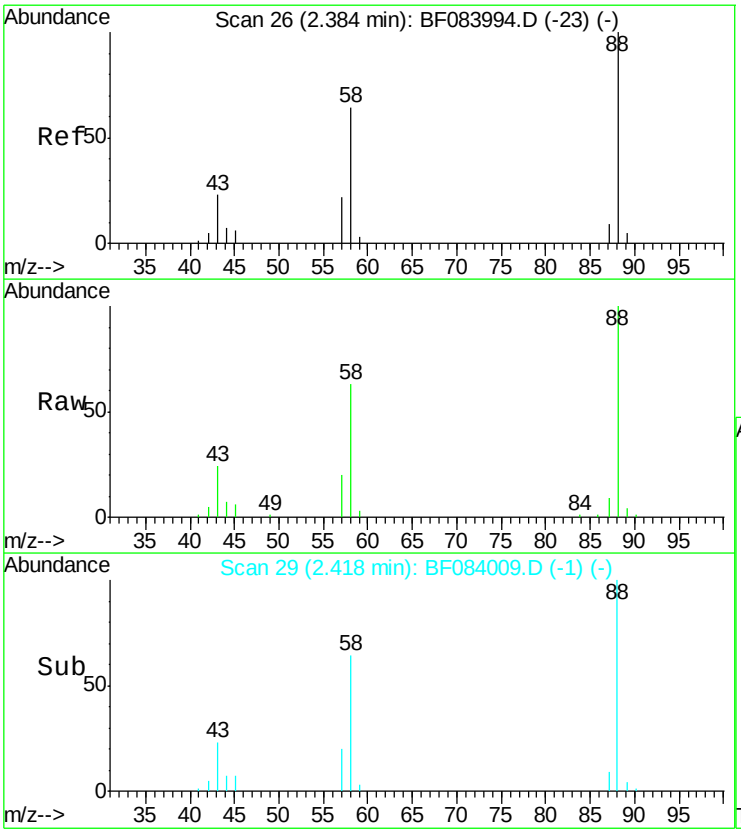
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:152 Resp: 43228

Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.0	184.4
115	61.7	51.4	77.2

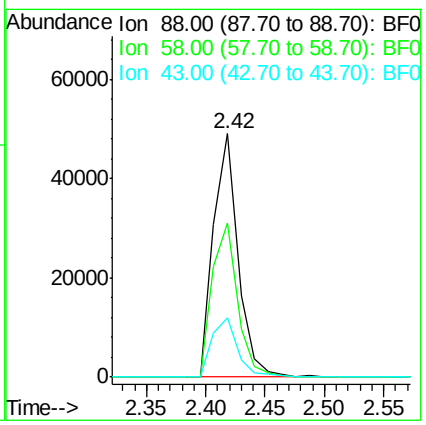


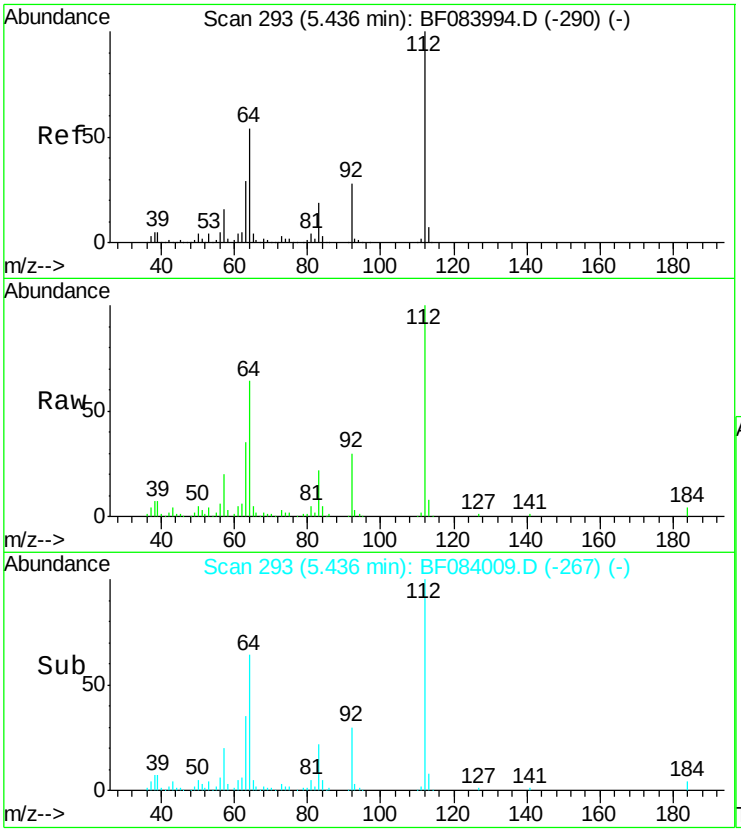


#2
1,4-Dioxane
Concen: 58.08 ng
RT: 2.42 min Scan# 29
Delta R.T. 0.03 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Tgt Ion: 88 Resp: 70107

Ion	Ratio	Lower	Upper
88	100		
58	65.2	51.2	76.8
43	25.6	19.5	29.3



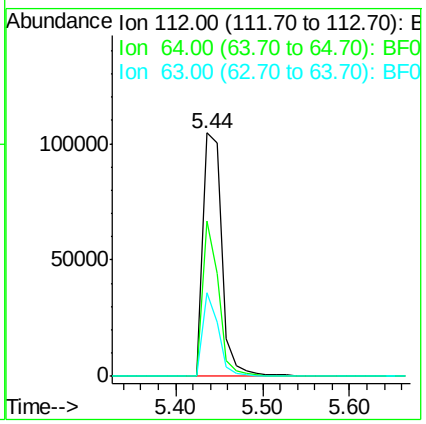


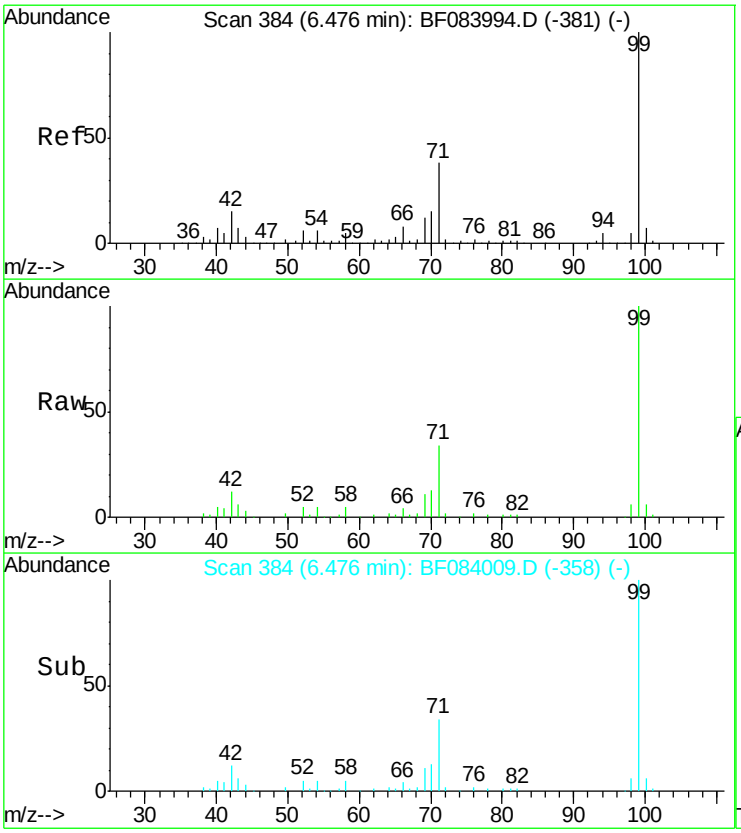
#5
2-Fluorophenol
Concen: 62.92 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:112 Resp: 159511

Ion	Ratio	Lower	Upper
112	100		
64	63.9	36.6	55.0#
63	34.6	19.4	29.0#

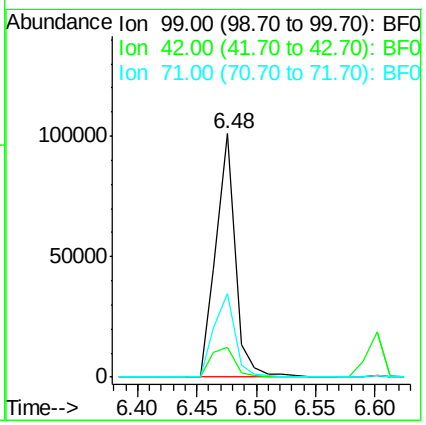


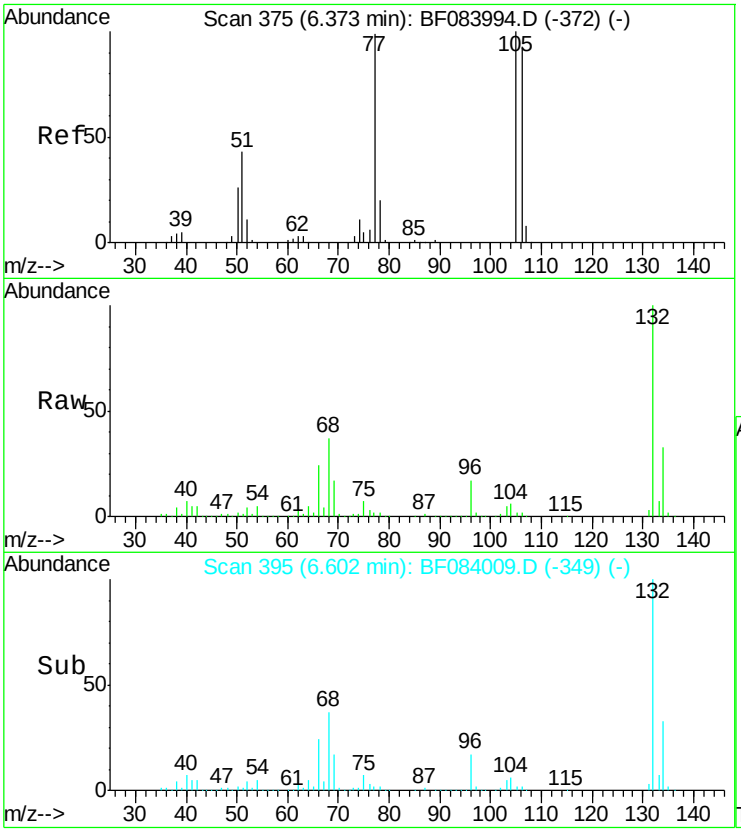


#7
Phenol-d6
Concen: 38.24 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Tgt Ion: 99 Resp: 113977

Ion	Ratio	Lower	Upper
99	100		
42	12.2	12.8	19.2#
71	34.2	30.9	46.3



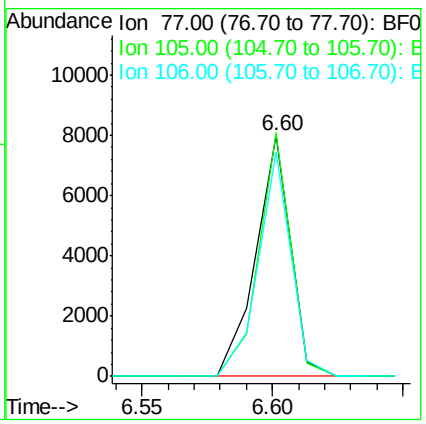


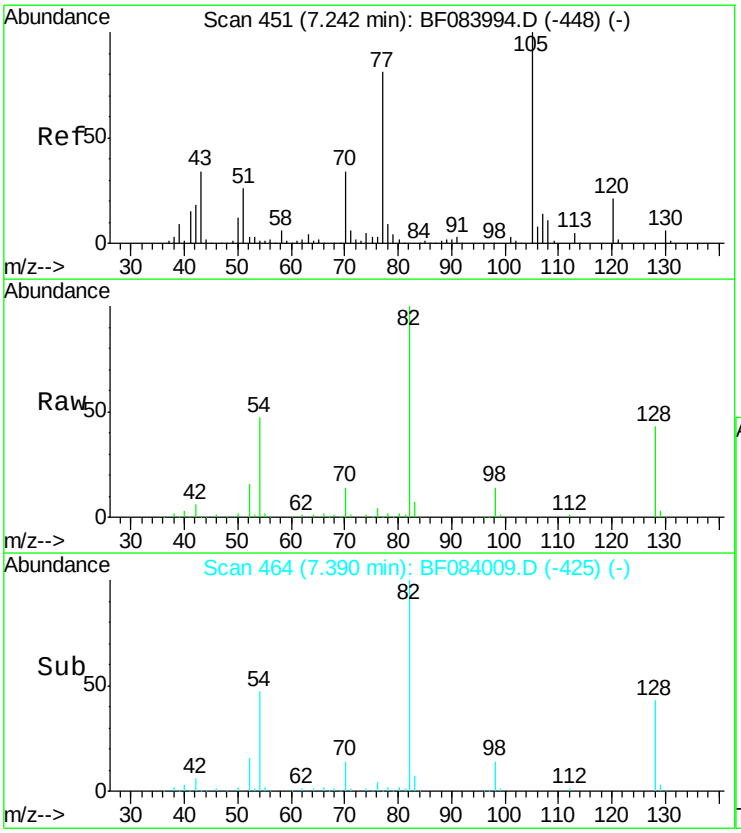
#9
Benzaldehyde
Concen: 3.70 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.23 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion: 77 Resp: 7368

Ion	Ratio	Lower	Upper
77	100		
105	101.0	83.0	123.0
106	93.3	74.6	114.6

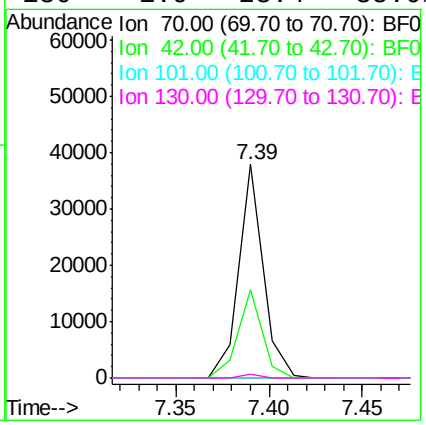


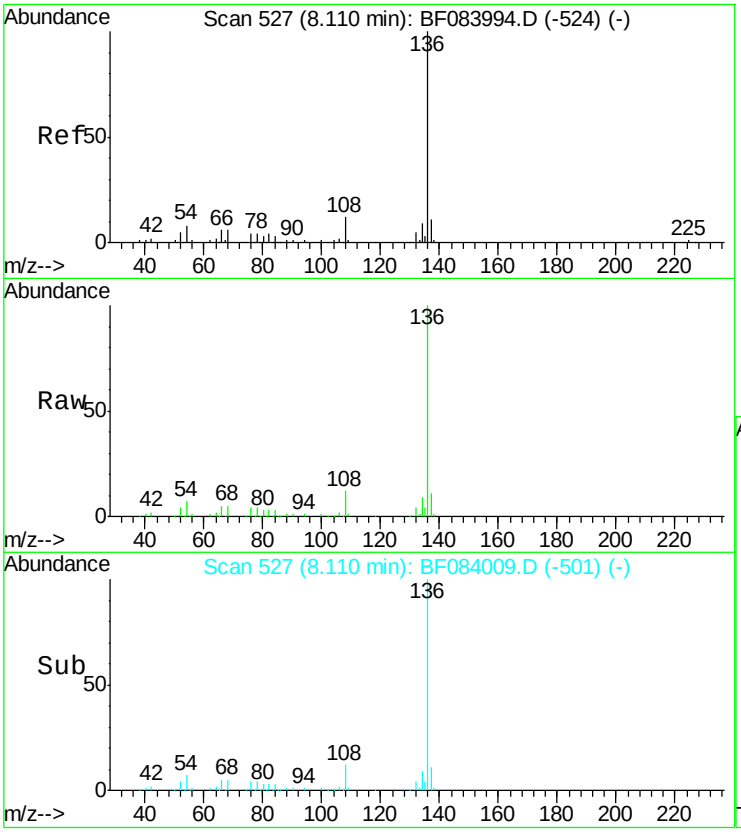


#19
n-Nitroso-di-n-propylamine
Concen: 19.27 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Tgt Ion: 70 Resp: 34802

Ion	Ratio	Lower	Upper
70	100		
42	41.2	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#



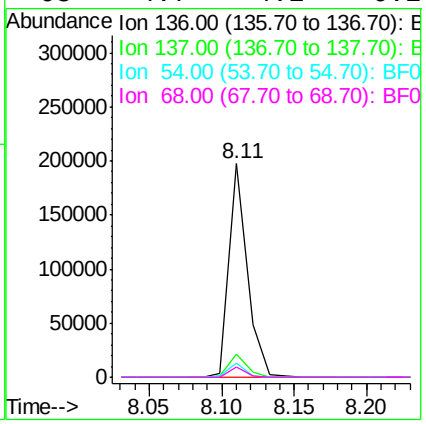


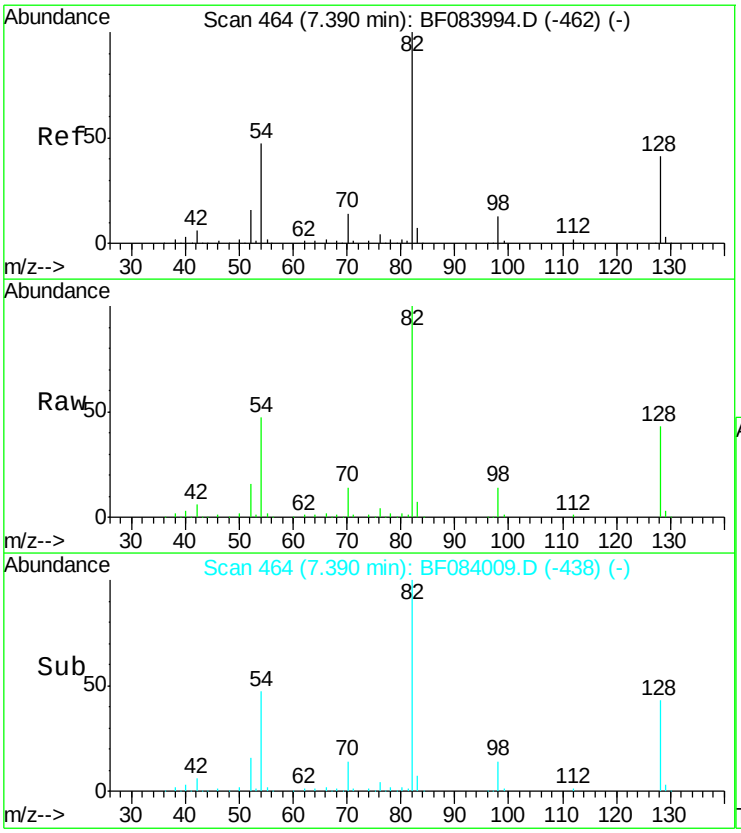
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:136 Resp: 174279

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.6	5.8	8.8
68	4.7	4.2	6.2

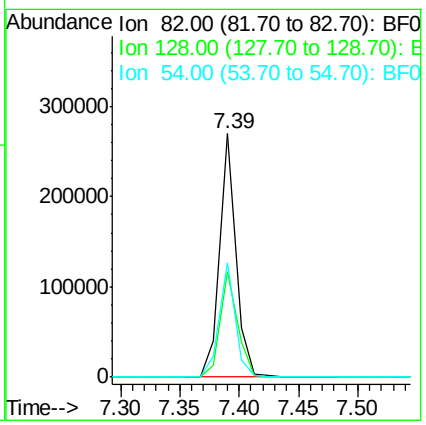


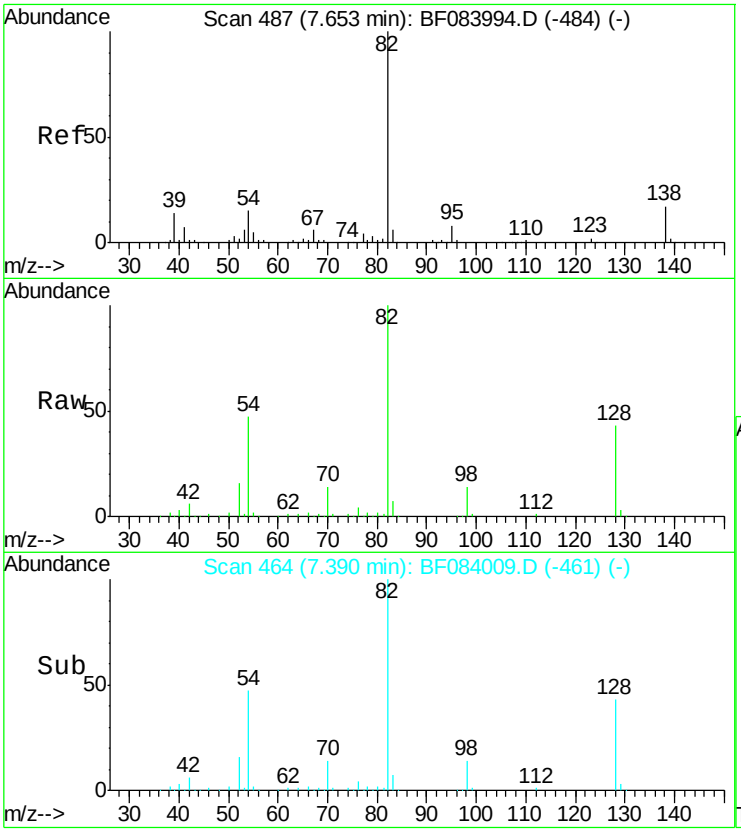


#23
Nitrobenzene-d5
Concen: 89.63 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Tgt Ion: 82 Resp: 254283

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	46.8	38.4	57.6



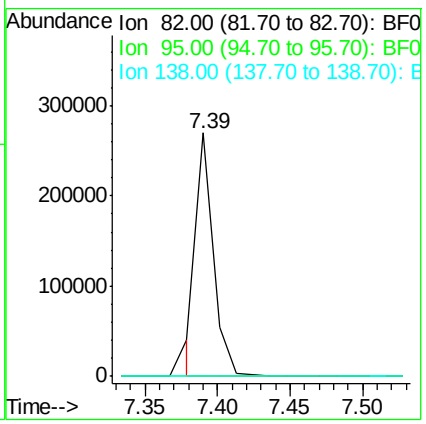


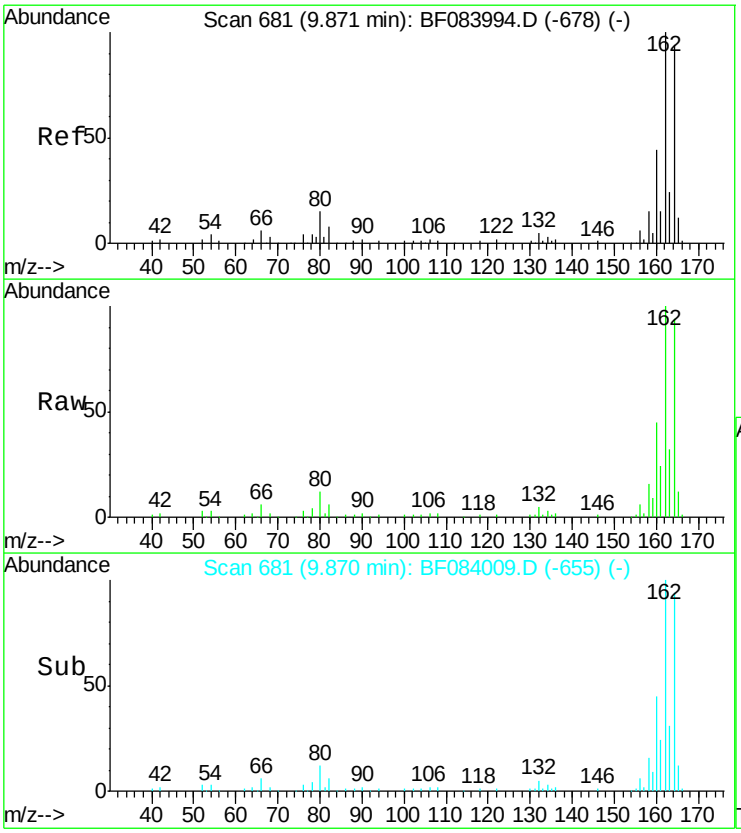
#25
Isophorone
Concen: 42.11 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.26 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion: 82 Resp: 226376

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

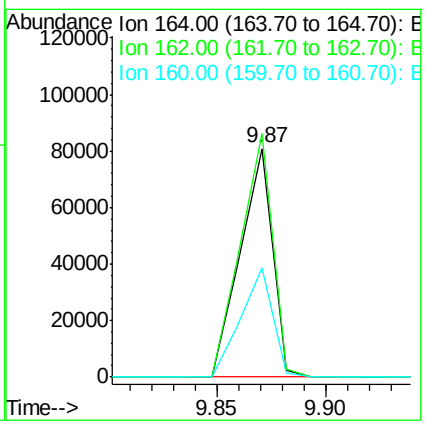


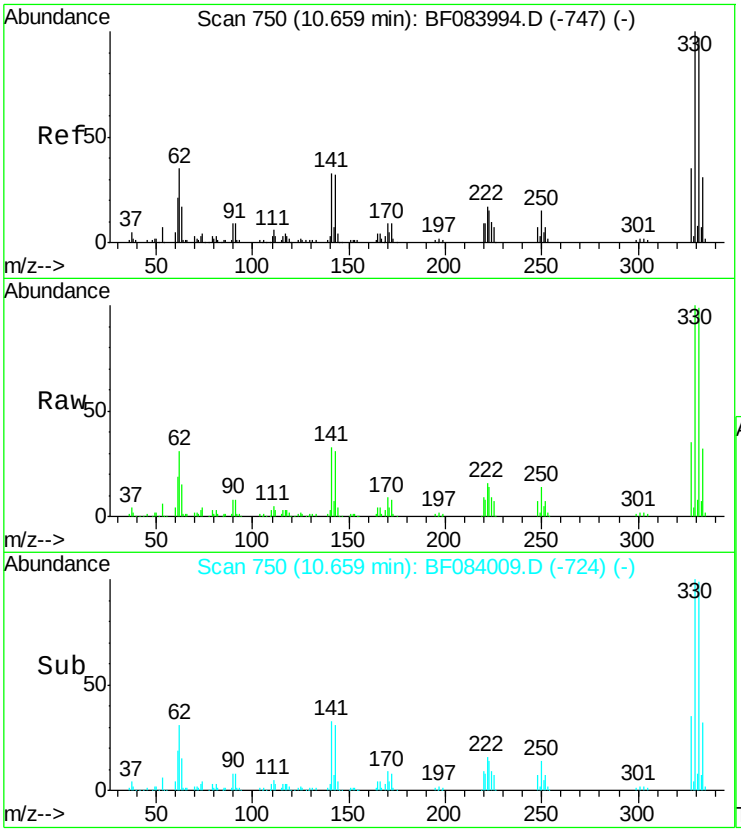


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Tgt Ion:164 Resp: 82739

Ion	Ratio	Lower	Upper
164	100		
162	106.6	85.1	127.7
160	48.1	37.5	56.3



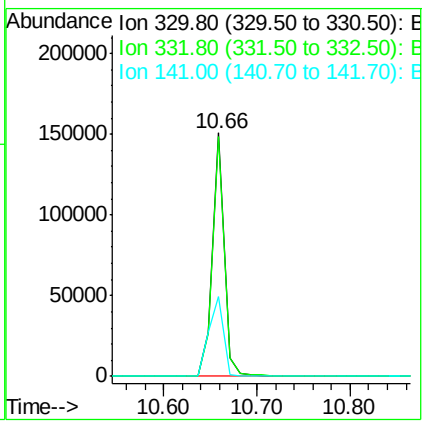


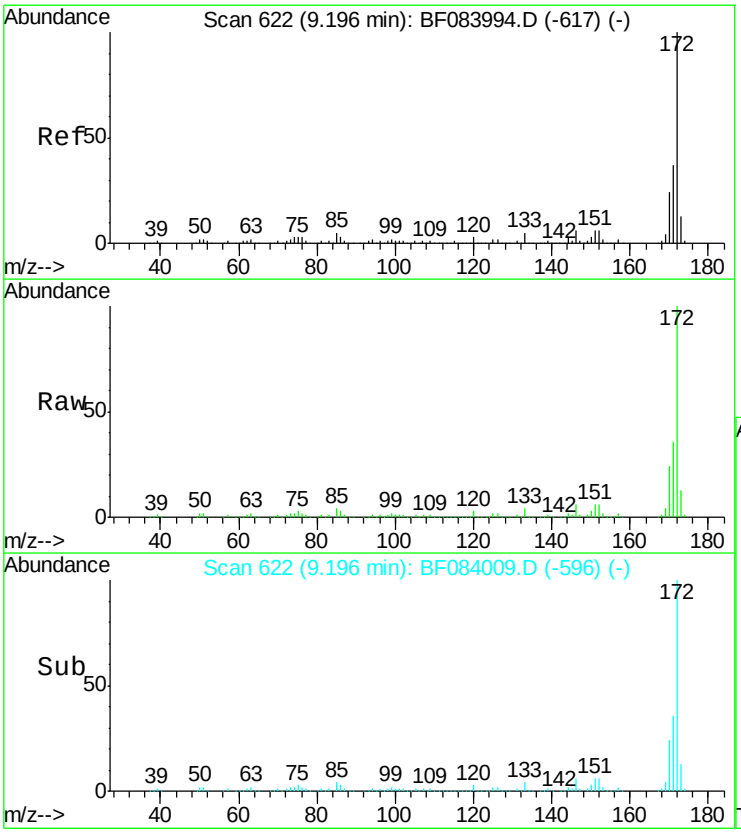
#41
2,4,6-Tribromophenol
Concen: 167.92 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:330 Resp: 133639

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	114.8
141	40.5	27.8	41.6

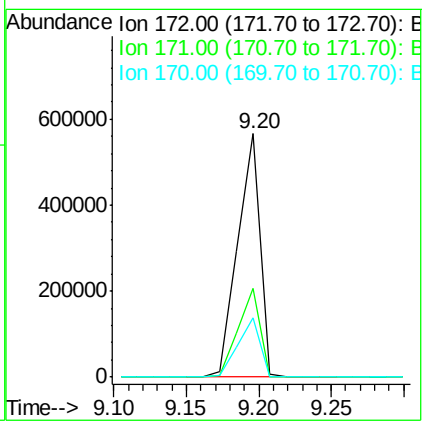


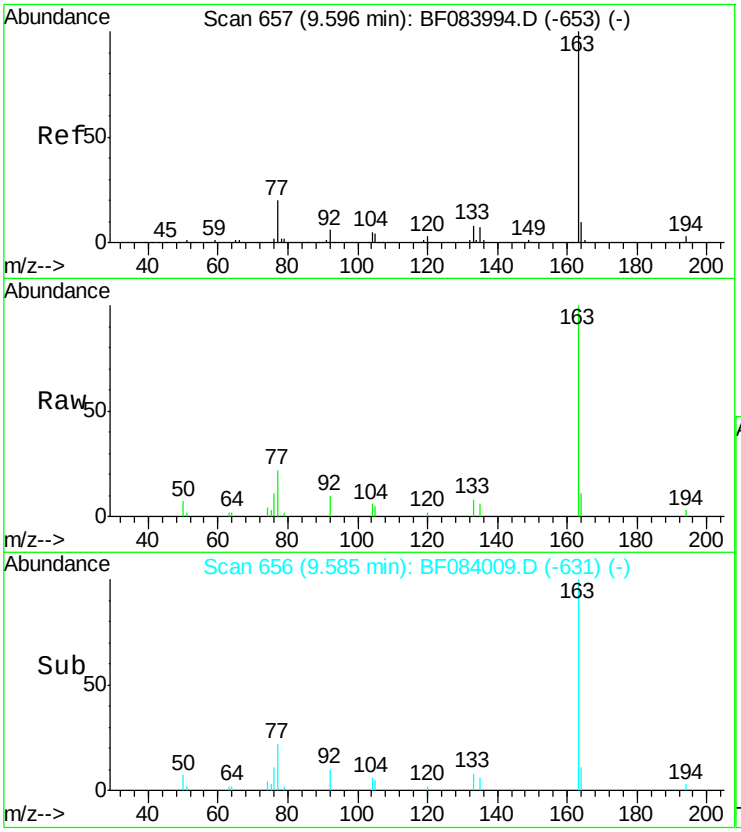


#44
2-Fluorobiphenyl
Concen: 98.14 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Tgt Ion:172 Resp: 603318

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.2	18.6	27.8



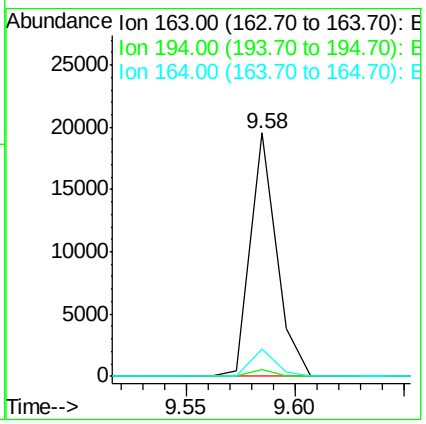


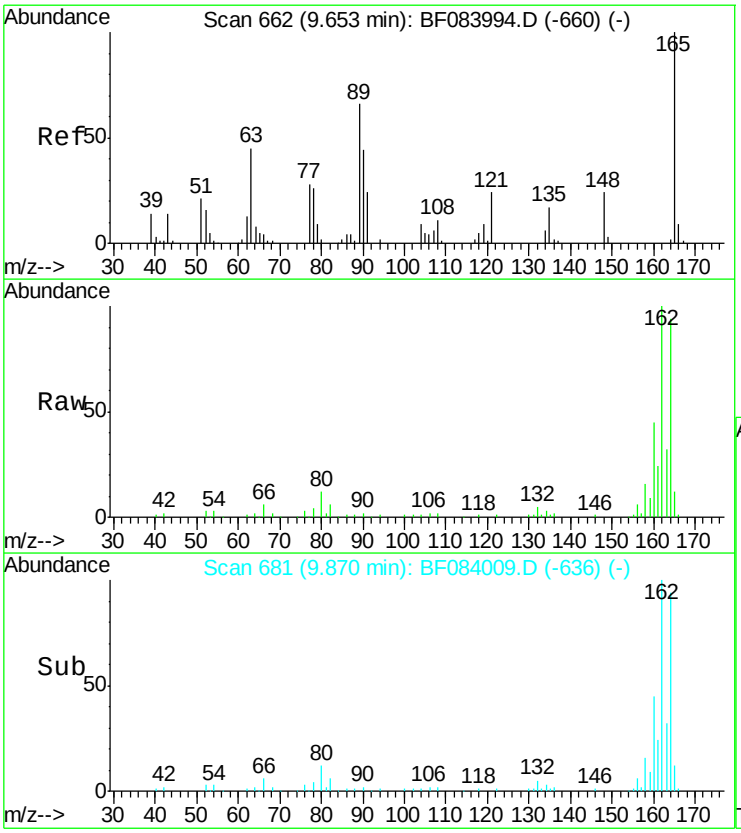
#49
Dimethylphthalate
Concen: 2.52 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:163 Resp: 16305

Ion	Ratio	Lower	Upper
163	100		
194	2.6	8.0	12.0#
164	11.2	8.0	12.0

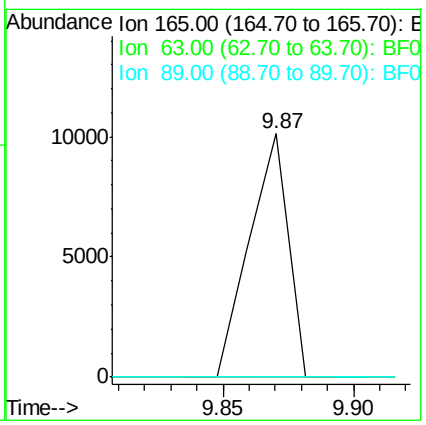


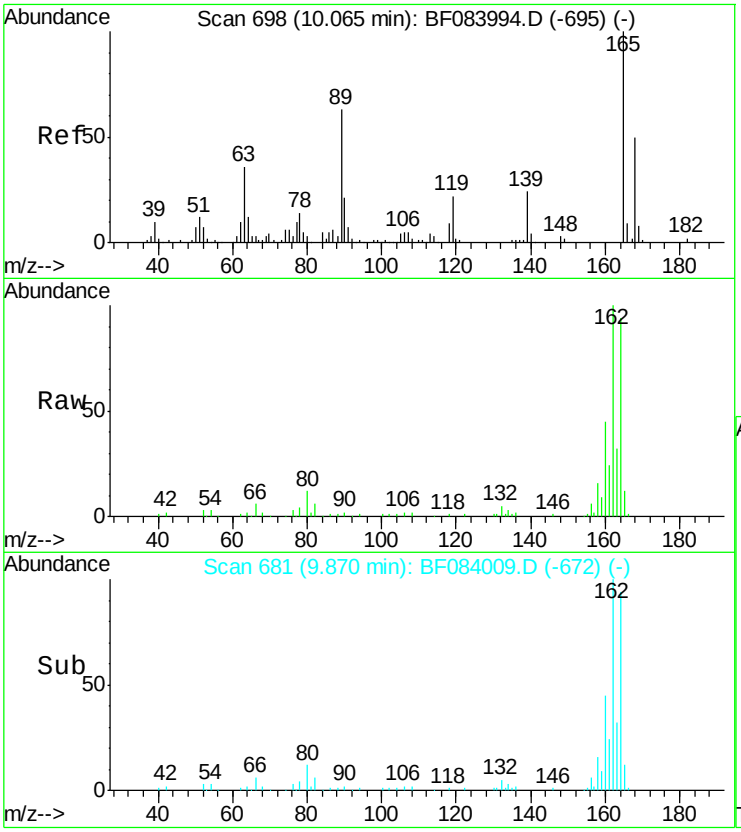


#50
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.22 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Tgt Ion:165 Resp: 10564

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#



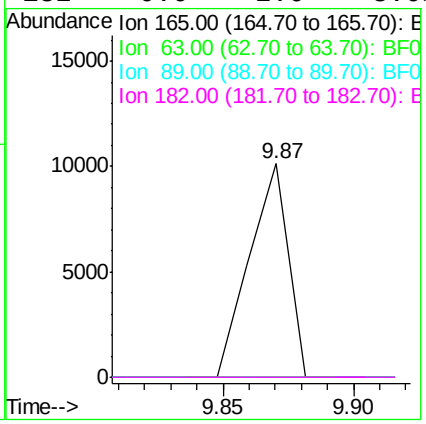


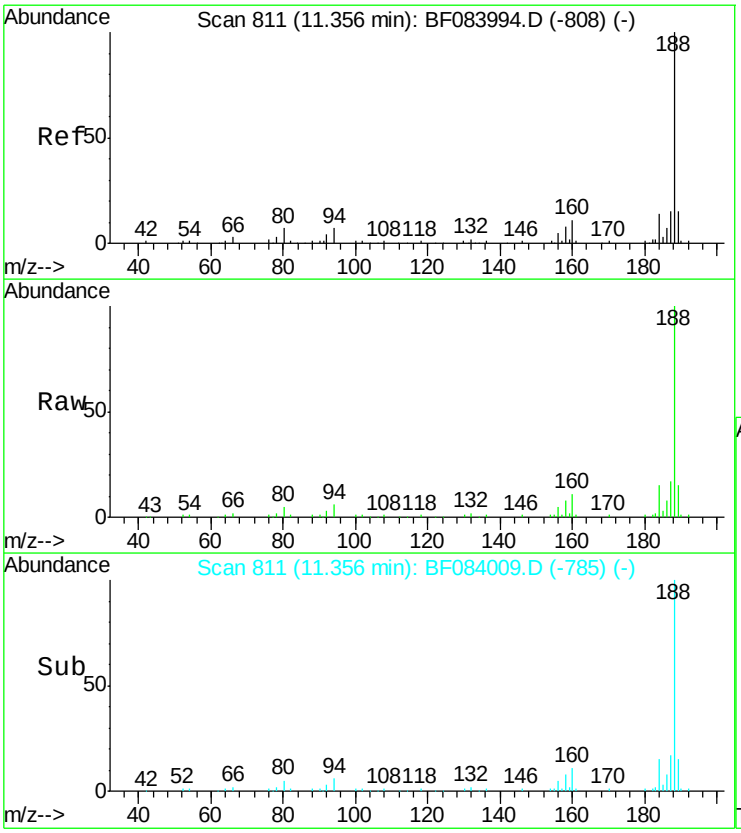
#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:165 Resp: 10564

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

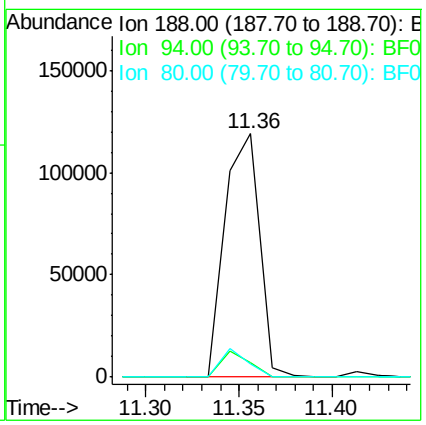


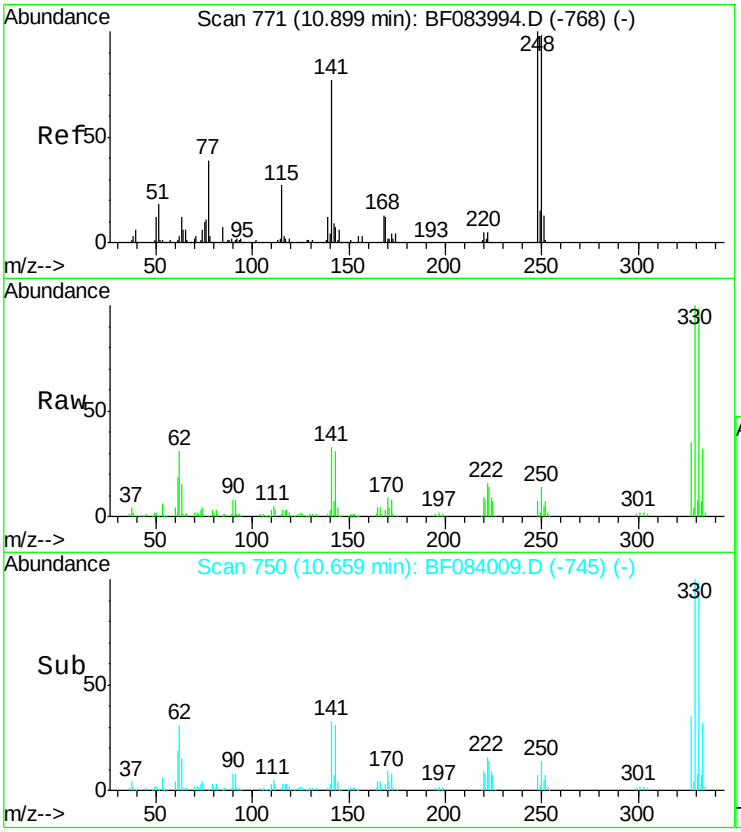


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Tgt Ion:188 Resp: 154917

Ion	Ratio	Lower	Upper
188	100		
94	5.9	9.0	13.4#
80	5.5	9.6	14.4#



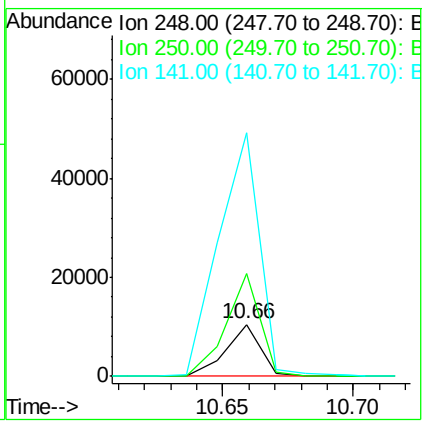


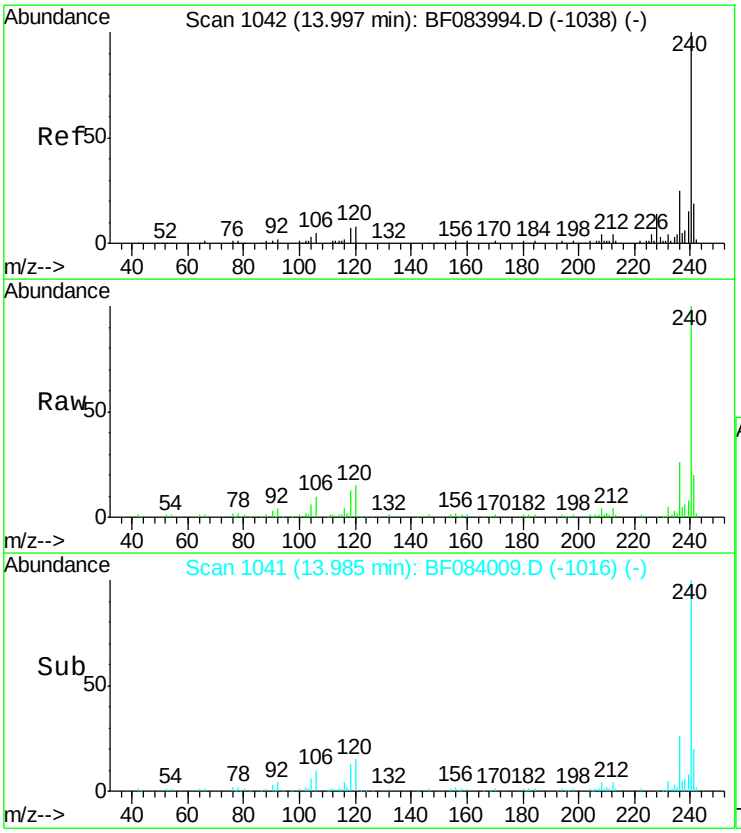
#66
4-Bromophenyl-phenylether
Concen: 5.44 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:248 Resp: 9669

Ion	Ratio	Lower	Upper
248	100		
250	198.7	78.4	117.6#
141	469.6	44.0	66.0#

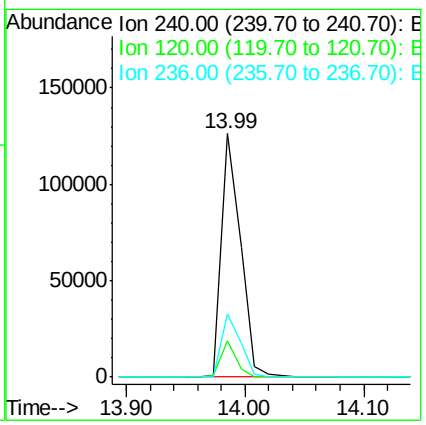


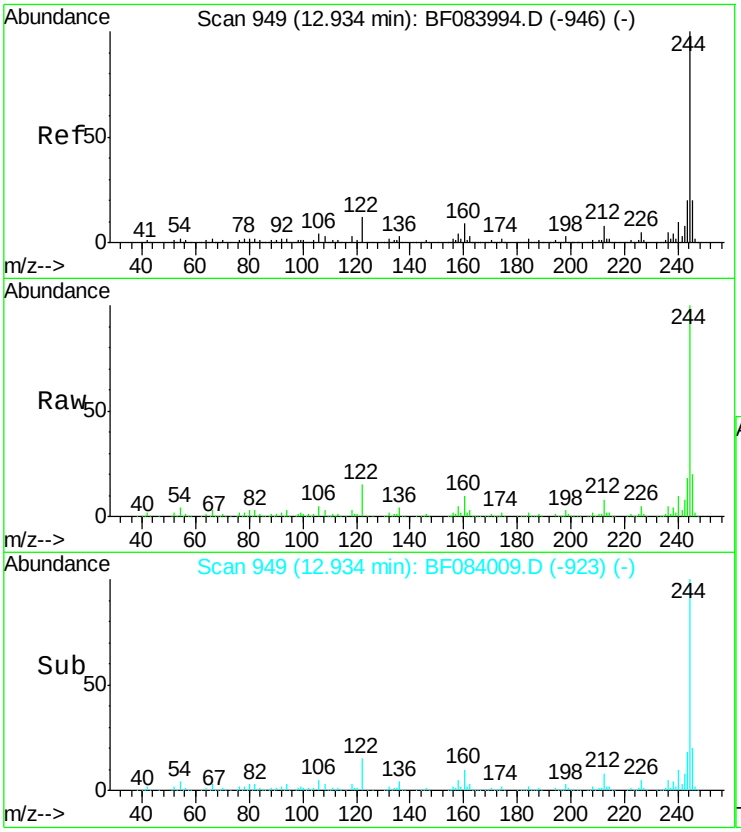


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Tgt Ion:240 Resp: 139044

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	26.1	20.6	31.0



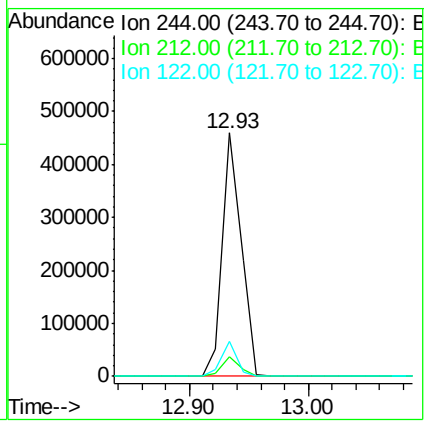


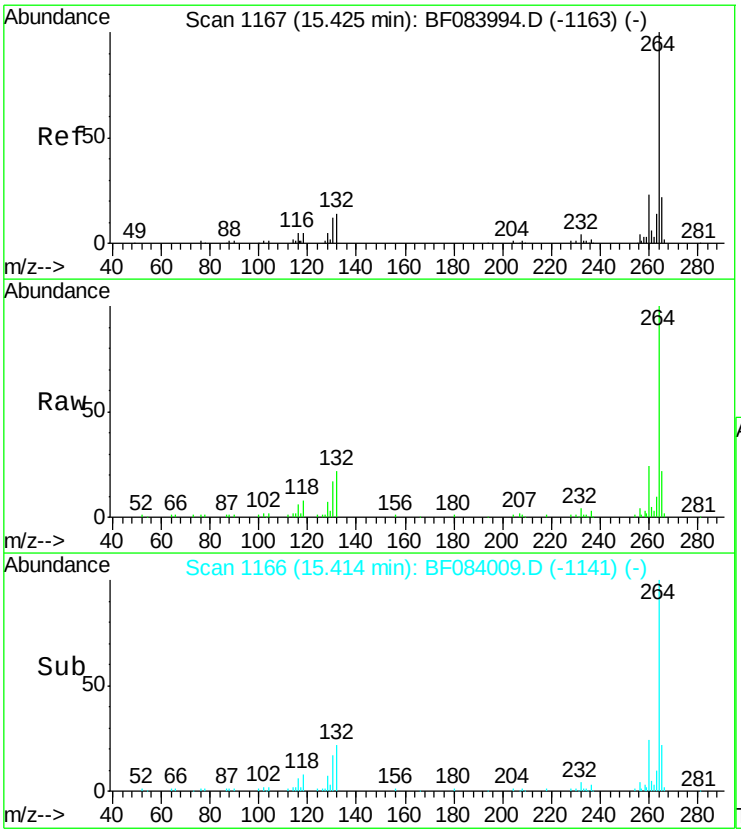
#78
Terphenyl-d14
Concen: 86.28 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:244 Resp: 503040

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.6	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Tgt Ion:264 Resp: 108827

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.1	17.8	26.6