Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090481.D
Acq On : 8 Oct 2016 11:29
Operator : UM/SJ
Sample : H5134-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-16(12-14)

Quant Time: Oct 10 00:48:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	231084	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	1007300	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	495930	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	743142	20.00	ng	-0.01
75) Chrysene-d12	14.18	240	504284	20.00	ng	-0.02
86) Perylene-d12	15.69	264	430133	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1811561	117.00	ng	0.00
7) Phenol-d6	6.62	99	2377003	117.21	ng	0.00
23) Nitrobenzene-d5	7.55	82	1222705	59.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	595490	147.67	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2127937	71.49	ng	-0.01
78) Terphenyl-d14	13.13	244	1690909	75.38	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.56	117	38914	5.72	ng	# 9
35) Caprolactam	8.70	113	27073	6.15	ng	# 1
37) 2-Methylnaphthalene	9.09	142	75172	2.56	ng	91
49) Dimethylphthalate	9.75	163	1252118	39.42	ng	# 98
64) 4,6-Dinitro-2-methylphenol	10.66	198	725	5.56	ng	# 1
65) n-Nitrosodiphenylamine	10.70	169	112531	4.52	ng	# 53

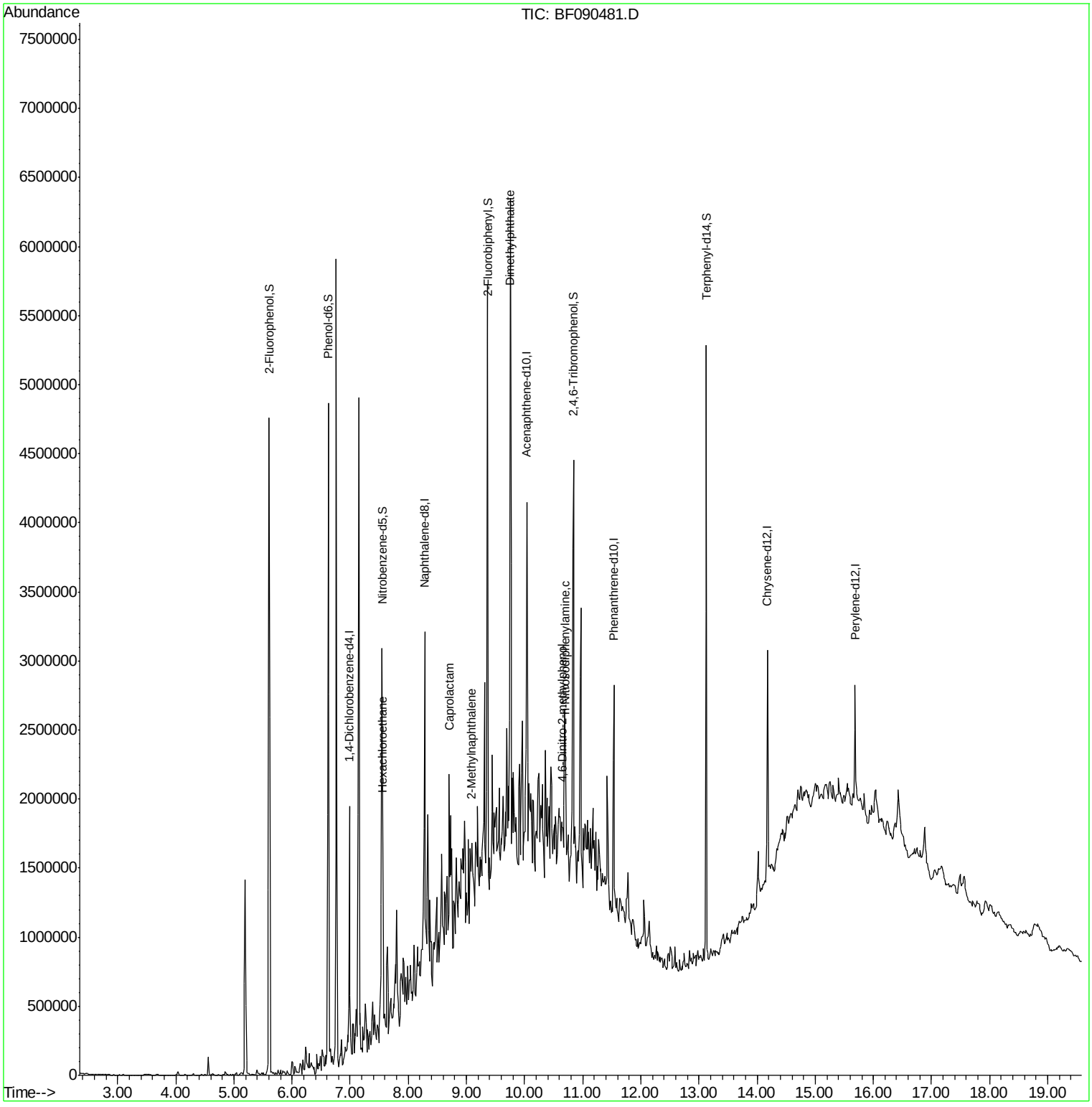
(#) = qualifier out of range (m) = manual integration (+) = signals summed

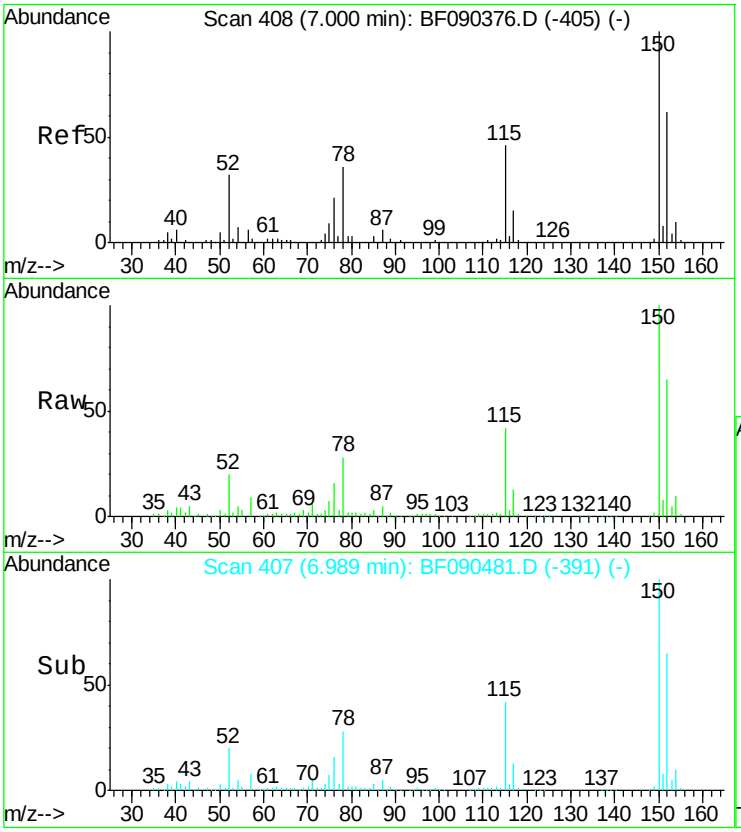
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090481.D
Acq On : 8 Oct 2016 11:29
Operator : UM/SJ
Sample : H5134-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MJSB-16(12-14)

Quant Time: Oct 10 00:48:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration



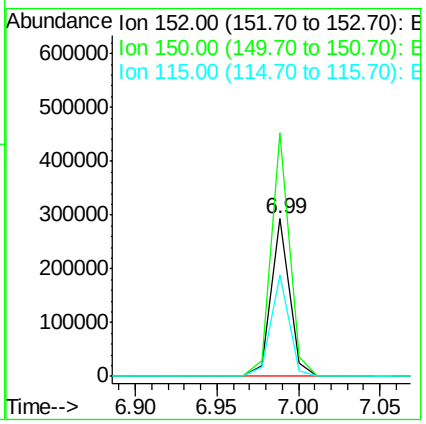


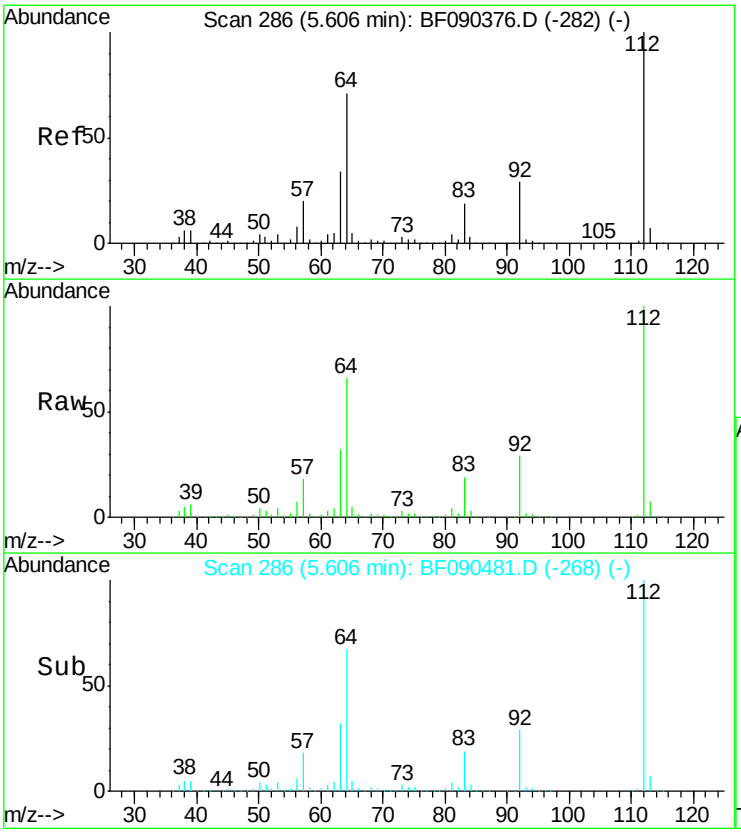
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Instrument :
BNA_F
ClientSampleId :
MJSB-16(12-14)

Tgt Ion:152 Resp: 231084

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	64.4	46.2	69.4

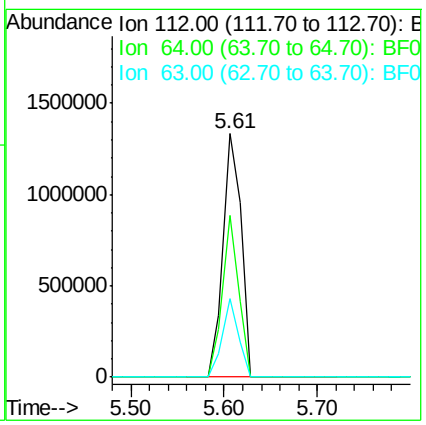


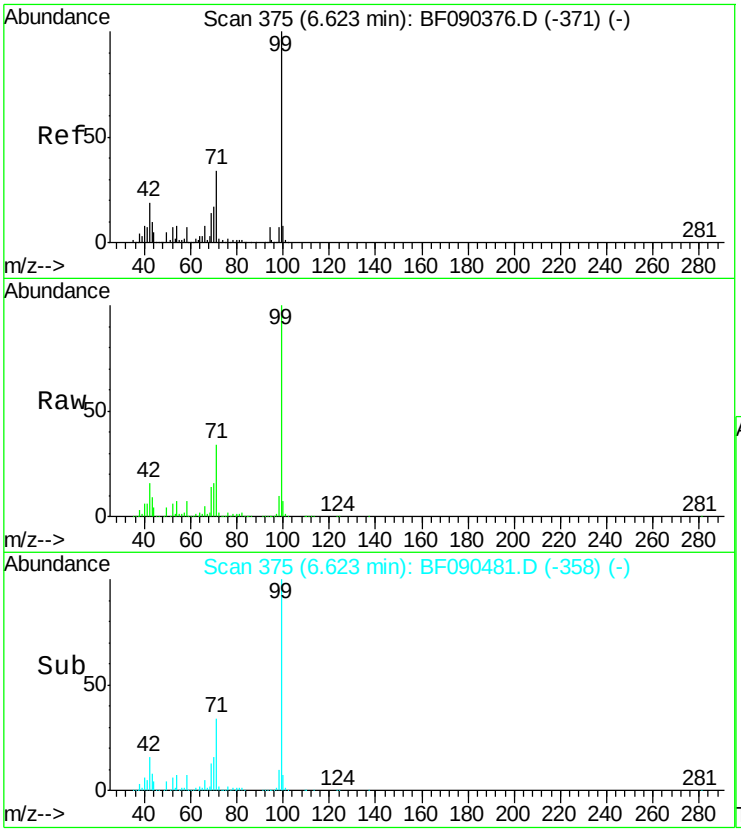


#5
2-Fluorophenol
Concen: 117.00 ng
RT: 5.61 min Scan# 286
Delta R.T. 0.00 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Tgt Ion:112 Resp: 1811561

Ion	Ratio	Lower	Upper
112	100		
64	66.5	57.9	86.9
63	32.2	29.6	44.4



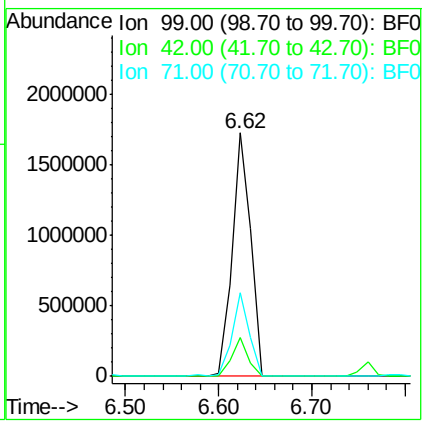


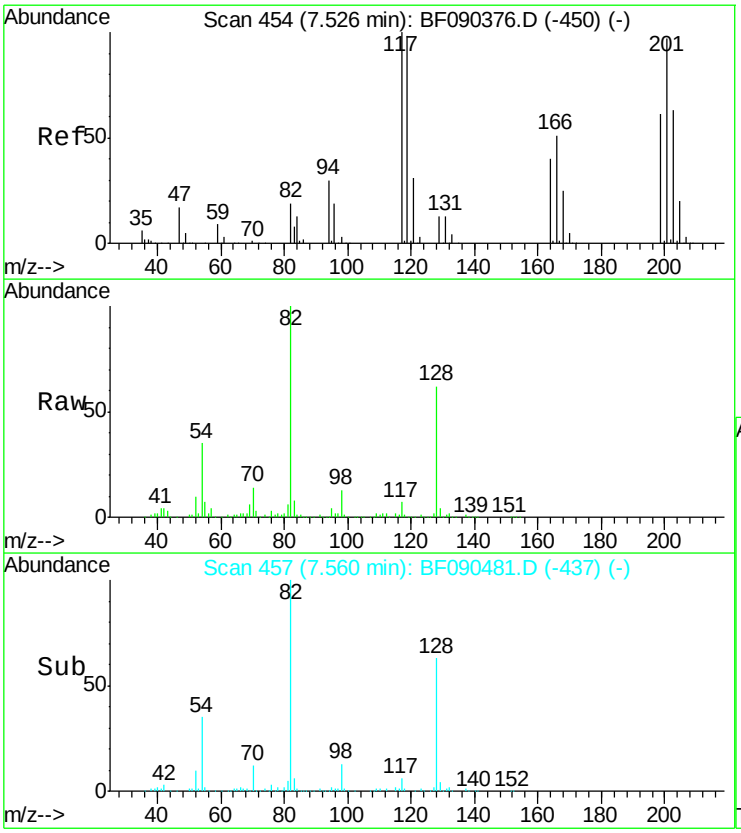
#7
Phenol-d6
Concen: 117.21 ng
RT: 6.62 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Instrument :
BNA_F
ClientSampleId :
MJSB-16(12-14)

Tgt Ion: 99 Resp: 2377003

Ion	Ratio	Lower	Upper
99	100		
42	16.0	20.0	30.0#
71	34.3	27.9	41.9

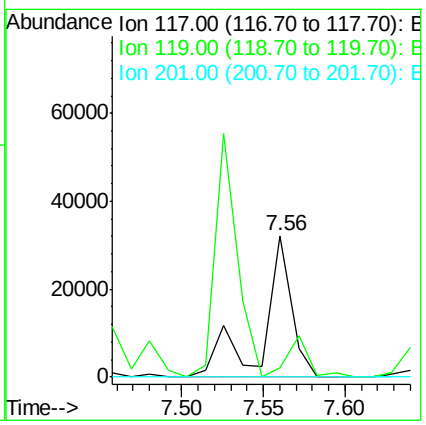


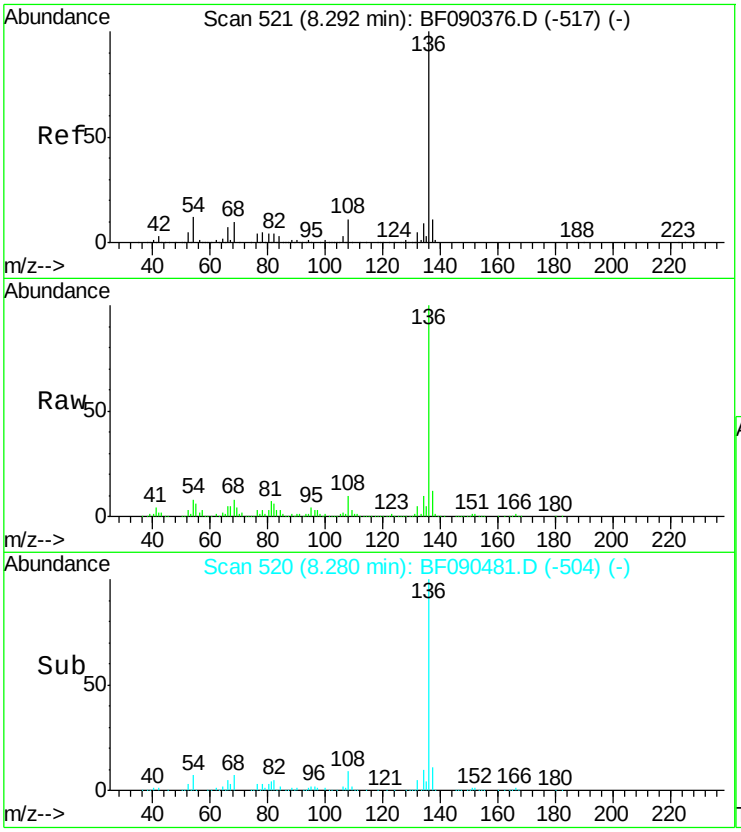


#18
Hexachloroethane
Concen: 5.72 ng
RT: 7.56 min Scan# 457
Delta R.T. 0.03 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Tgt Ion:117 Resp: 38914

Ion	Ratio	Lower	Upper
117	100		
119	7.0	75.9	113.9#
201	0.0	66.5	99.7#



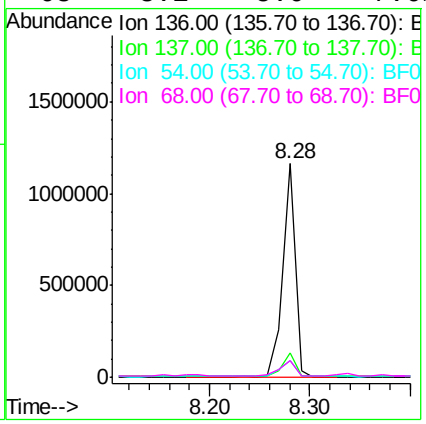


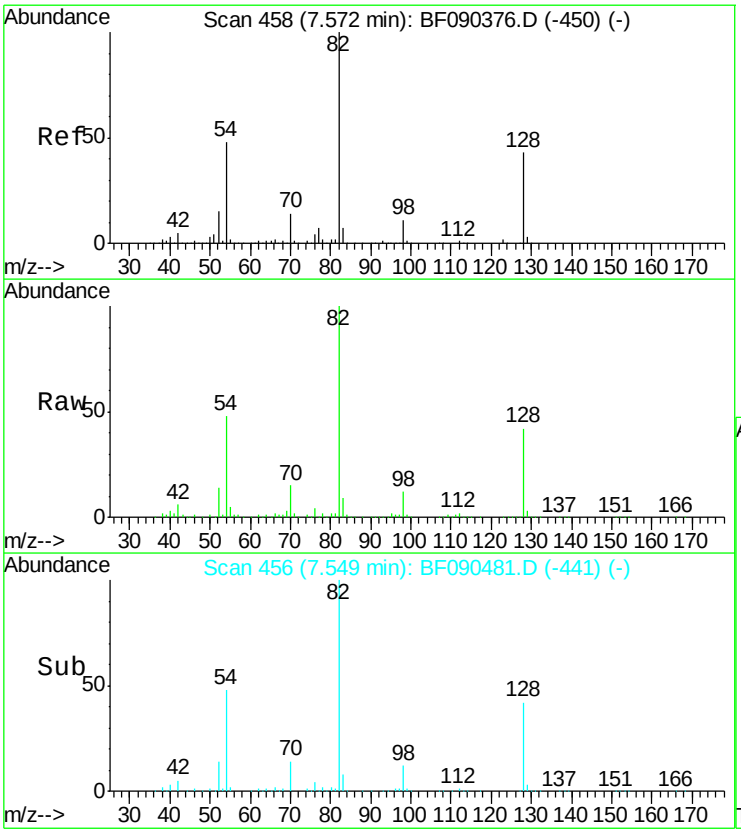
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Instrument :
BNA_F
ClientSampleId :
MJSB-16(12-14)

Tgt Ion:136 Resp: 1007300

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	7.8	6.6	10.0
68	8.1	5.0	7.6#

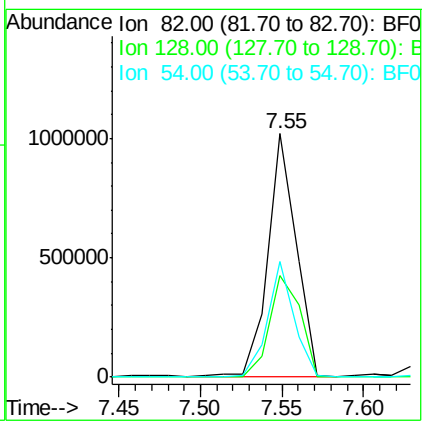


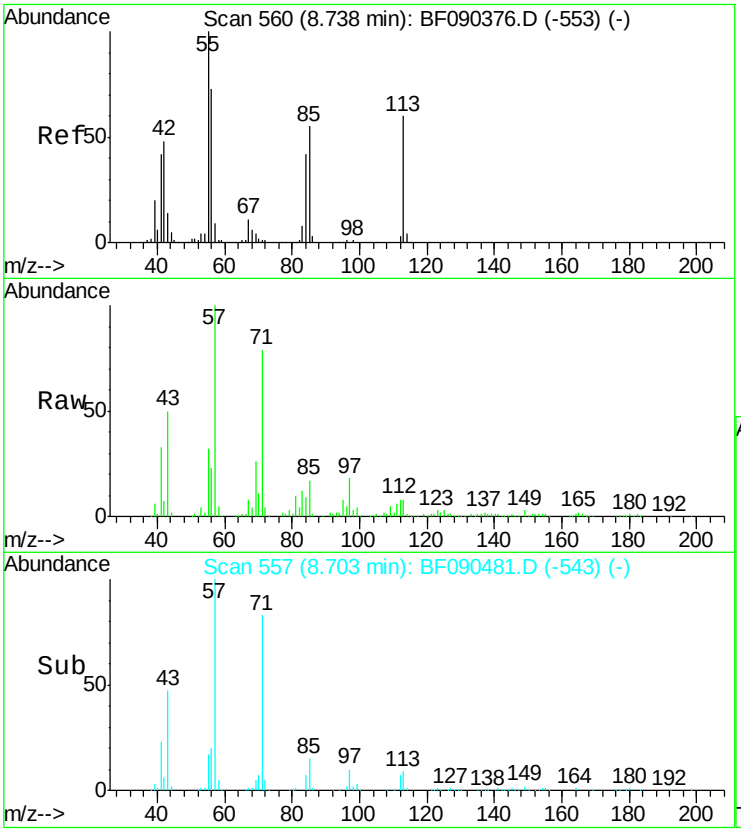


#23
Nitrobenzene-d5
Concen: 59.04 ng
RT: 7.55 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Tgt Ion: 82 Resp: 1222705

Ion	Ratio	Lower	Upper
82	100		
128	41.9	40.0	60.0
54	47.5	42.6	64.0



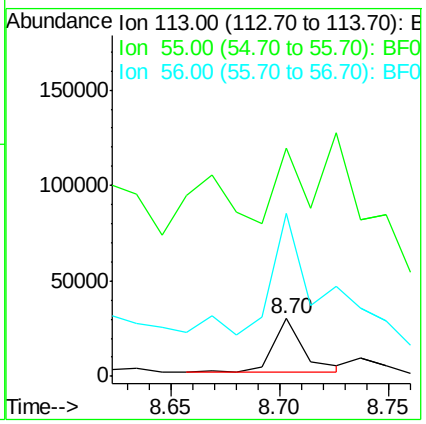


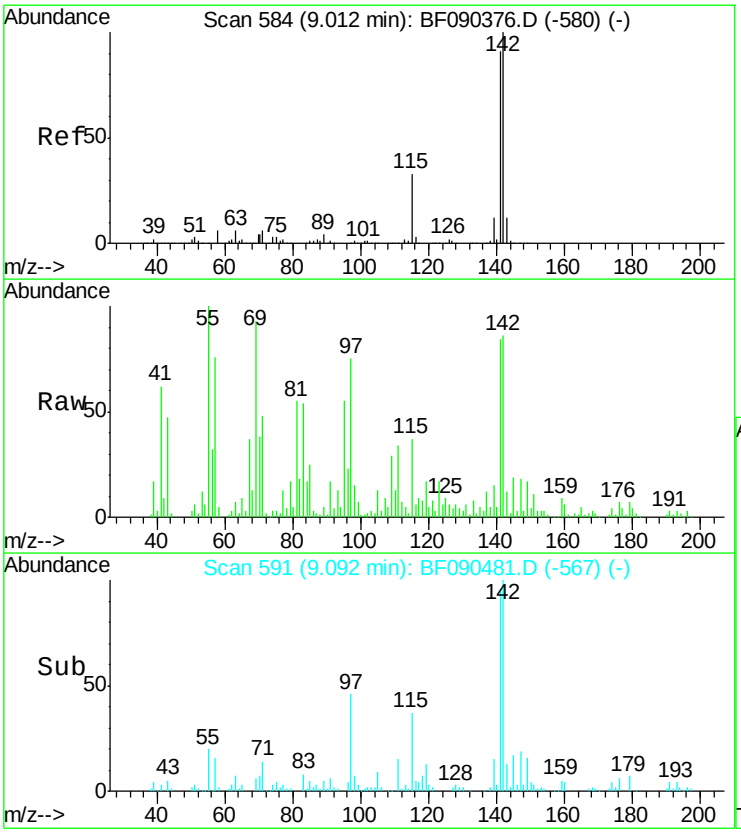
#35
Caprolactam
Concen: 6.15 ng
RT: 8.70 min Scan# 557
Delta R.T. -0.03 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Instrument :
BNA_F
ClientSampleId :
MJSB-16(12-14)

Tgt Ion:113 Resp: 27073

Ion	Ratio	Lower	Upper
113	100		
55	395.7	203.3	243.3#
56	282.6	140.5	180.5#

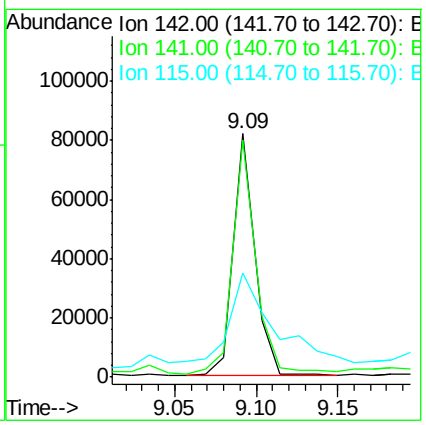


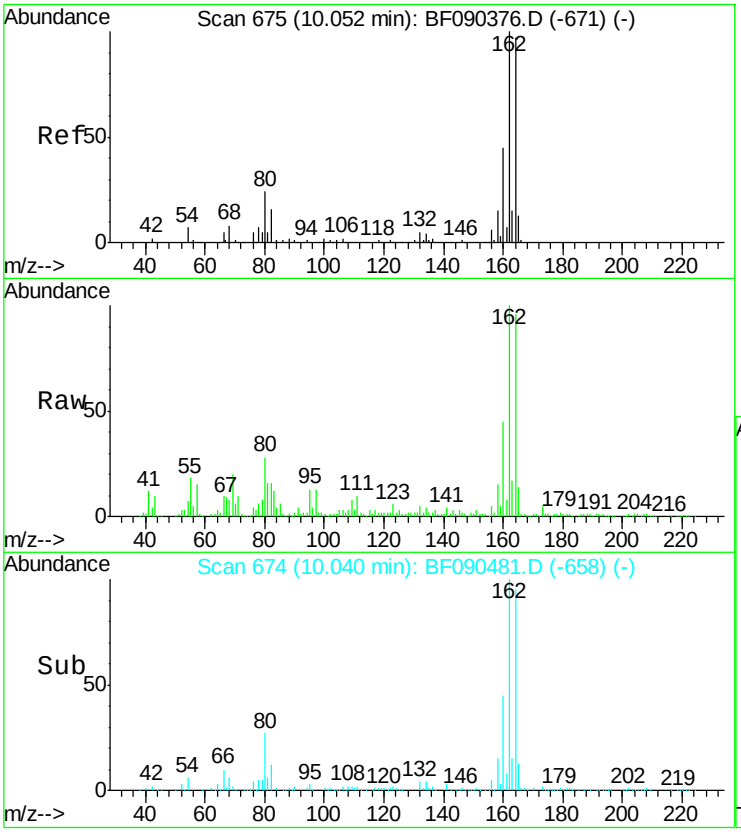


#37
2-Methylnaphthalene
Concen: 2.56 ng
RT: 9.09 min Scan# 591
Delta R.T. 0.08 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Tgt Ion:142 Resp: 75172

Ion	Ratio	Lower	Upper
142	100		
141	97.5	71.8	107.8
115	42.9	28.8	43.2



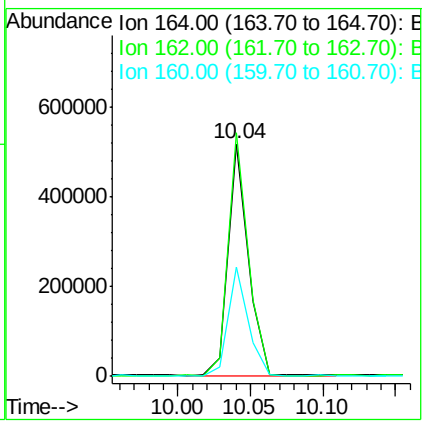


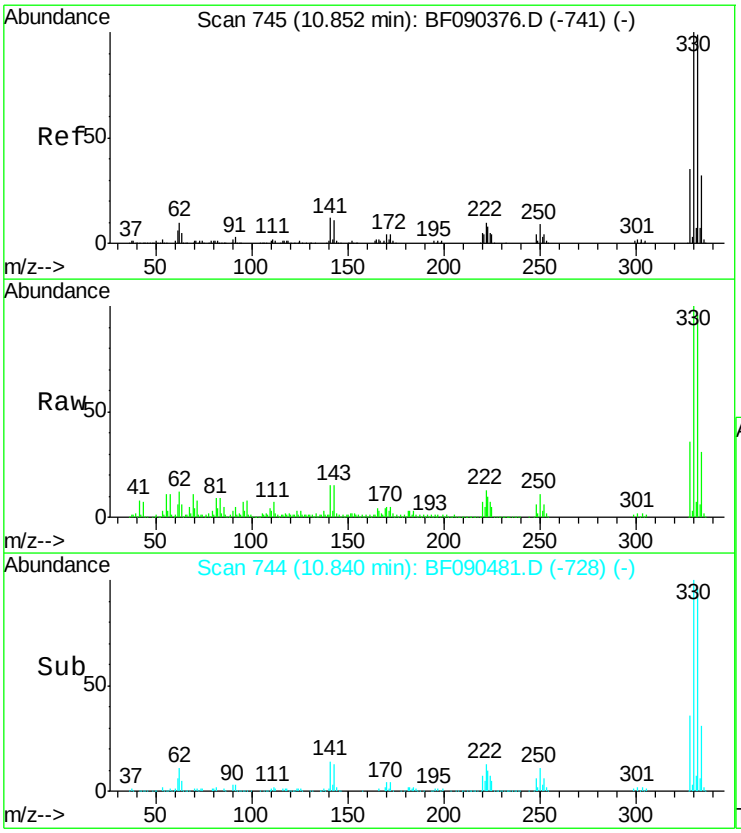
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Instrument :
BNA_F
ClientSampleId :
MJSB-16(12-14)

Tgt Ion:164 Resp: 495930

Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.1	120.1
160	47.0	36.3	54.5

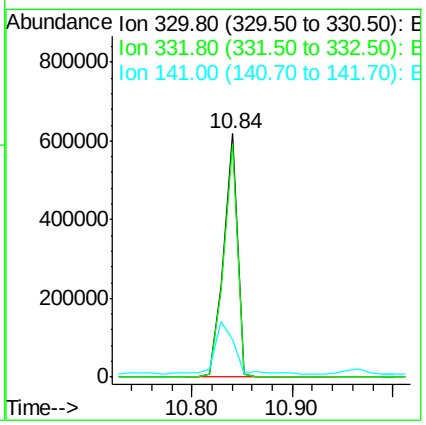


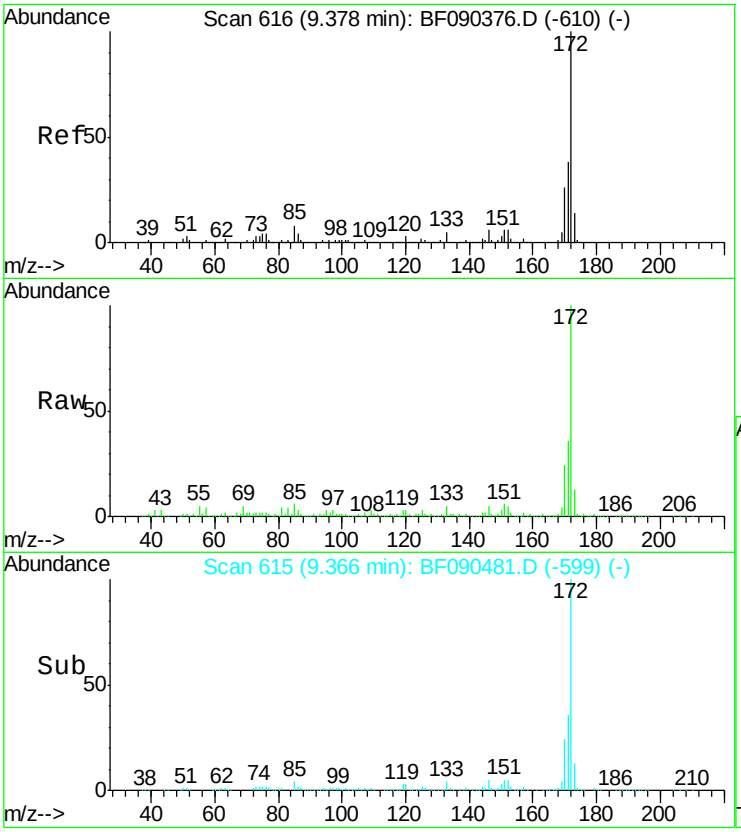


#41
2,4,6-Tribromophenol
Concen: 147.67 ng
RT: 10.84 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Tgt Ion:330 Resp: 595490

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.0
141	28.9	26.9	40.3



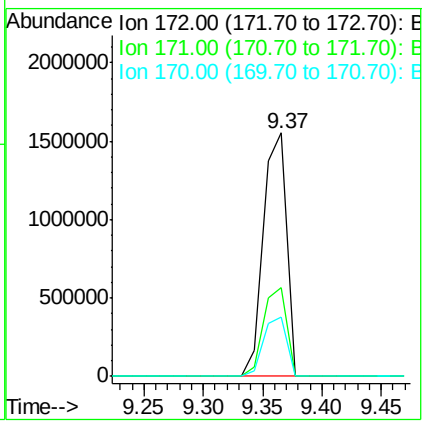


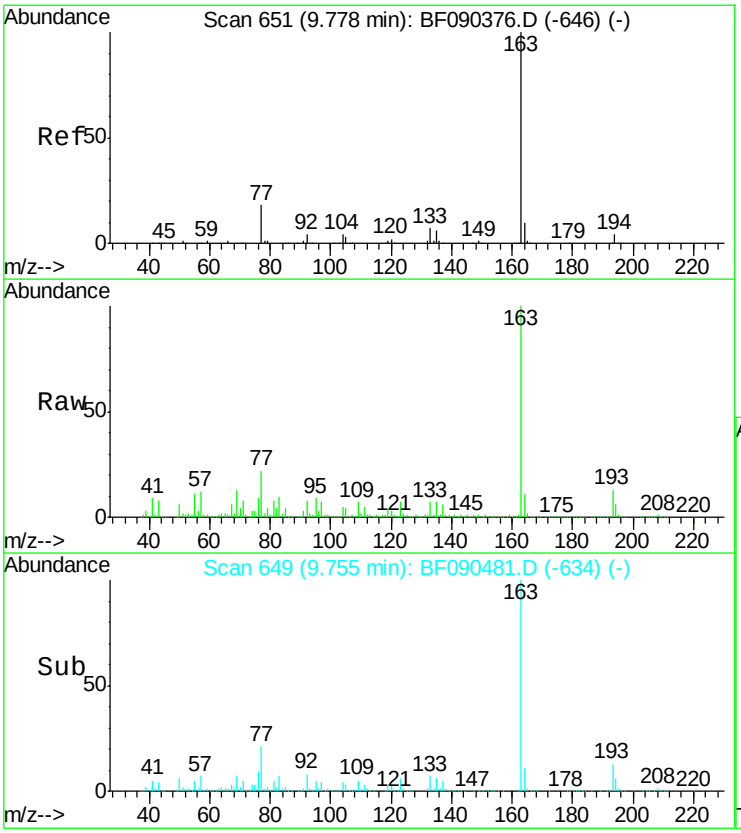
#44
2-Fluorobiphenyl
Concen: 71.49 ng
RT: 9.37 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Instrument :
BNA_F
ClientSampleId :
MJSB-16(12-14)

Tgt Ion:172 Resp: 2127937

Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.8	47.8
170	24.4	21.7	32.5

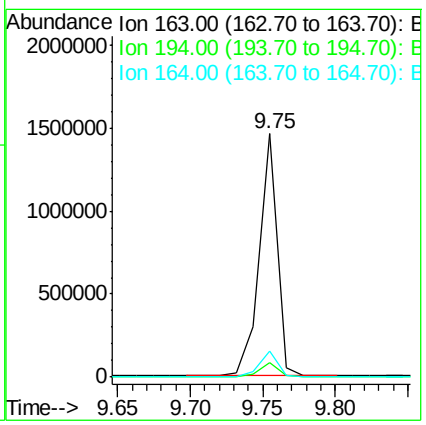


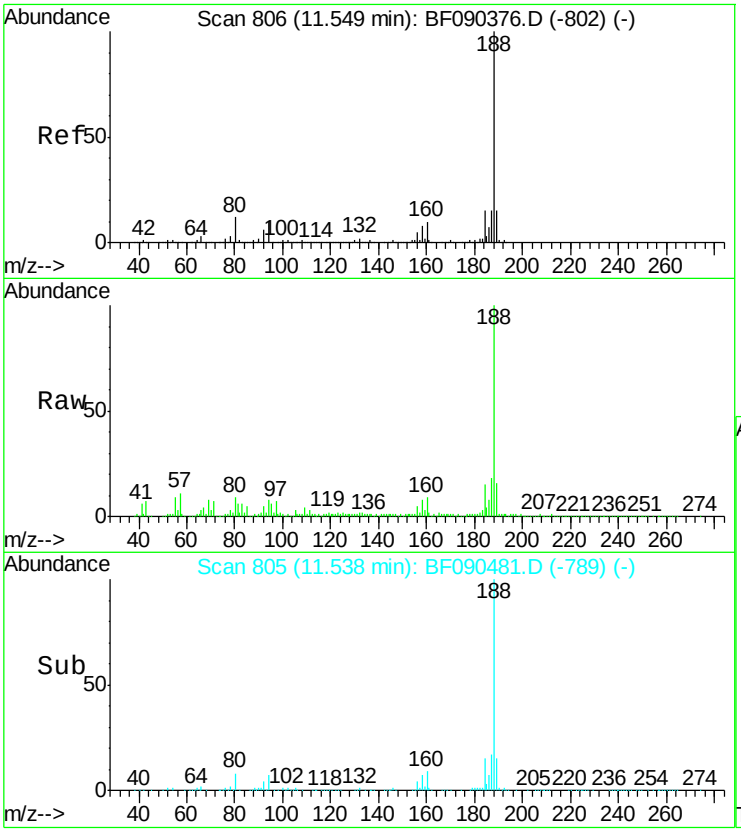


#49
Dimethylphthalate
Concen: 39.42 ng
RT: 9.75 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Tgt Ion:163 Resp: 1252118

Ion	Ratio	Lower	Upper
163	100		
194	5.9	2.8	4.2#
164	10.9	9.0	13.4



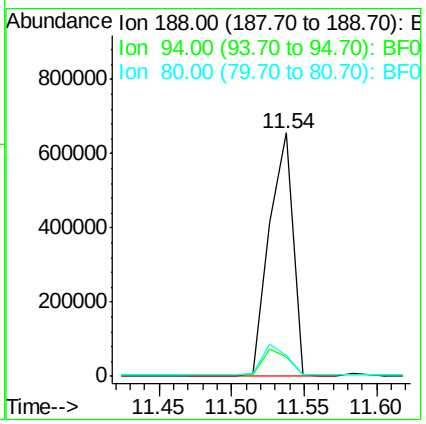


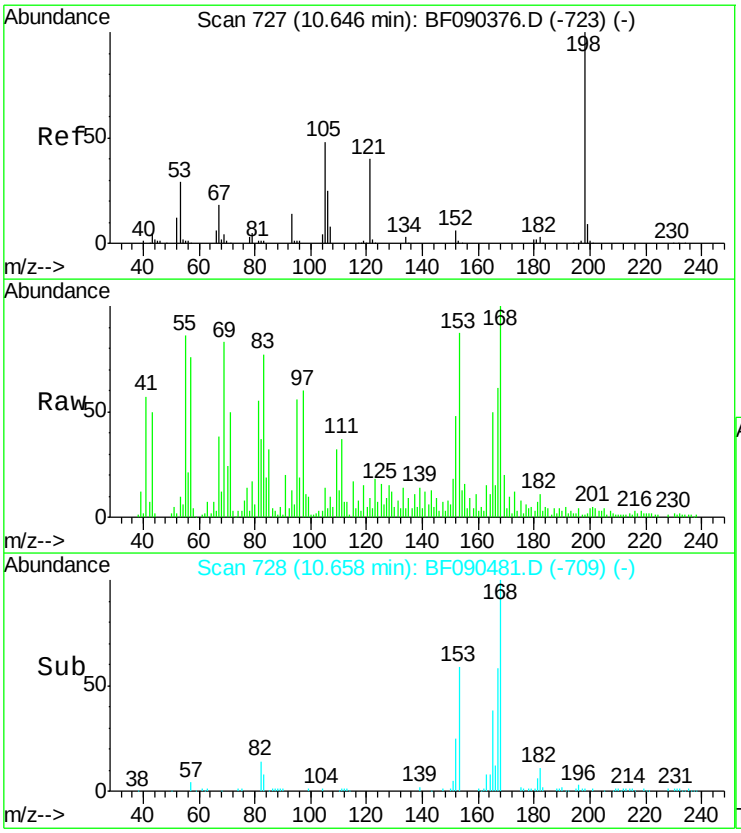
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Instrument :
BNA_F
ClientSampleId :
MJSB-16(12-14)

Tgt Ion:188 Resp: 743142

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.6	8.8	13.2#

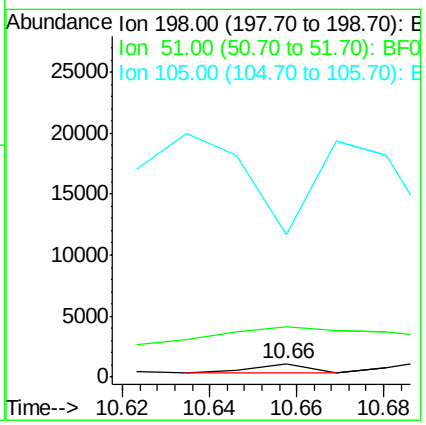


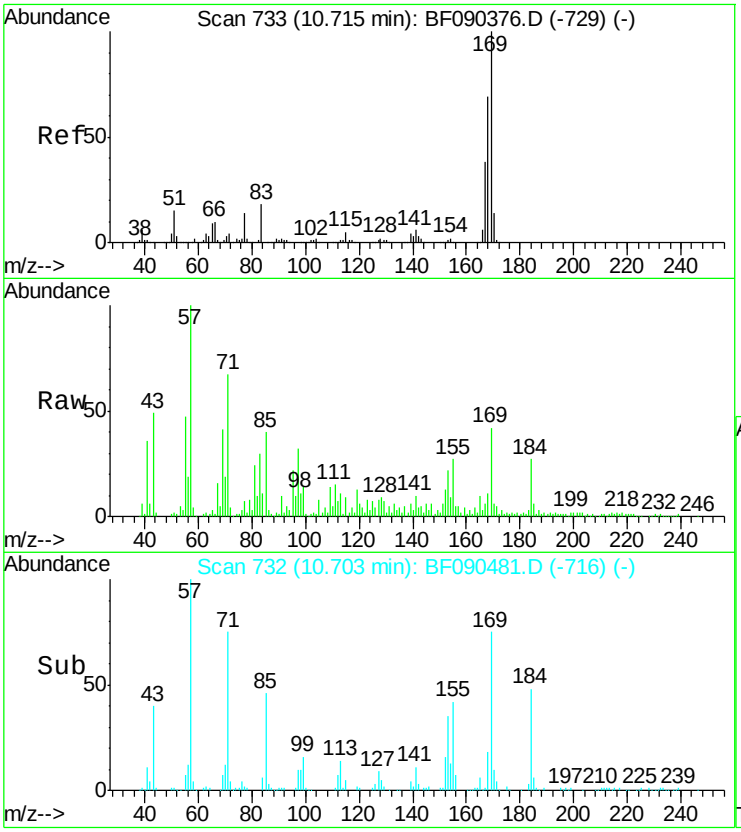


#64
4,6-Dinitro-2-methylphenol
Concen: 5.56 ng
RT: 10.66 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Tgt Ion:198 Resp: 725

Ion	Ratio	Lower	Upper
198	100		
51	366.1	67.3	107.3#
105	1032.5	42.6	82.6#



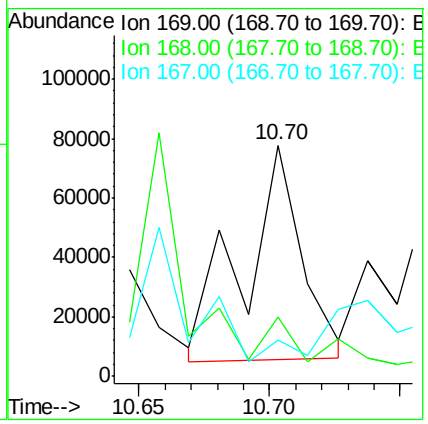


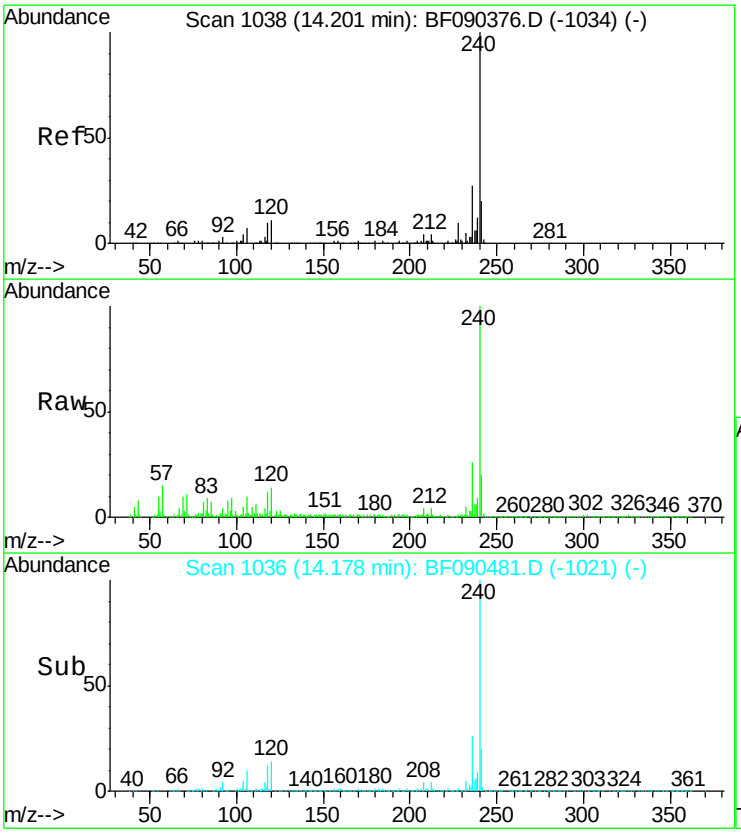
#65
n-Nitrosodiphenylamine
Concen: 4.52 ng
RT: 10.70 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Instrument :
BNA_F
ClientSampleId :
MJSB-16(12-14)

Tgt Ion:169 Resp: 112531

Ion	Ratio	Lower	Upper
169	100		
168	25.4	53.8	80.6#
167	15.4	29.8	44.8#

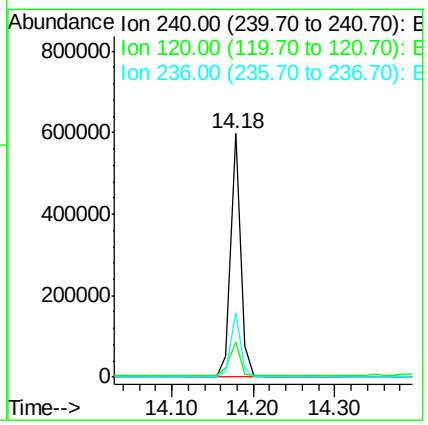


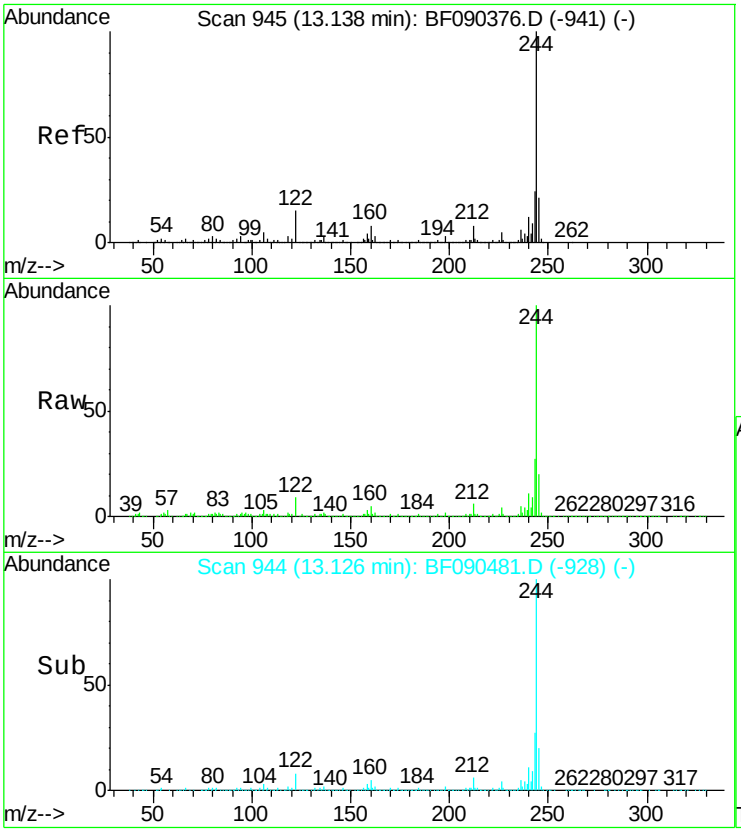


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Tgt Ion:240 Resp: 504284

Ion	Ratio	Lower	Upper
240	100		
120	14.4	8.6	13.0#
236	26.4	21.6	32.4



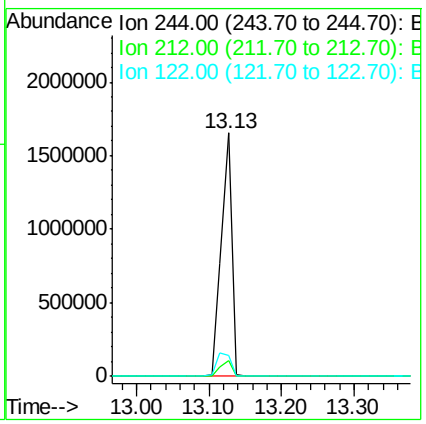


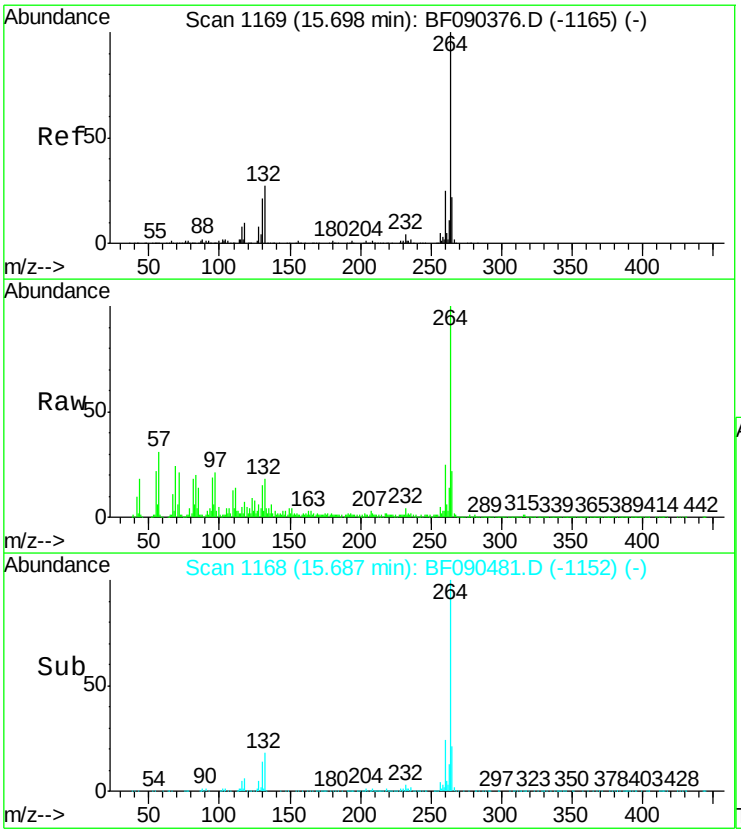
#78
Terphenyl-d14
Concen: 75.38 ng
RT: 13.13 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Instrument :
BNA_F
ClientSampleId :
MJSB-16(12-14)

Tgt Ion:244 Resp: 1690909

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.8	10.2#
122	8.5	13.3	19.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF090481.D
Acq: 8 Oct 2016 11:29

Tgt Ion:264 Resp: 430133

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.7	17.4	26.0