Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF022017\
Data File : BF093066.D
Acq On : 21 Feb 2017 10:24
Operator : SJ/MA
Sample : I1904-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 21 13:28:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156562	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	583837	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	274614	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	479794	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	334757	20.00	ng		-0.01
86) Perylene-d12	15.44	264	294201	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	408556	44.77	ng		-0.01
7) Phenol-d6	6.48	99	339035	28.87	ng		-0.01
23) Nitrobenzene-d5	7.41	82	914065	87.18	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	220141	110.84	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1773772	117.02	ng		0.00
78) Terphenyl-d14	12.96	244	1221487	85.74	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	16926	2.01	ng	#	75
19) n-Nitroso-di-n-propylamine	7.41	70	120512	16.12	ng	#	82
25) Isophorone	7.41	82	760136	38.91	ng	#	65
49) Dimethylphthalate	9.61	163	62077	3.36	ng		99
50) 2,6-Dinitrotoluene	9.89	165	34838	8.72	ng	#	31
56) 2,4-Dinitrotoluene	9.89	165	34838	6.55	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.68	198	490	2.83	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	15506	3.09	ng	#	1

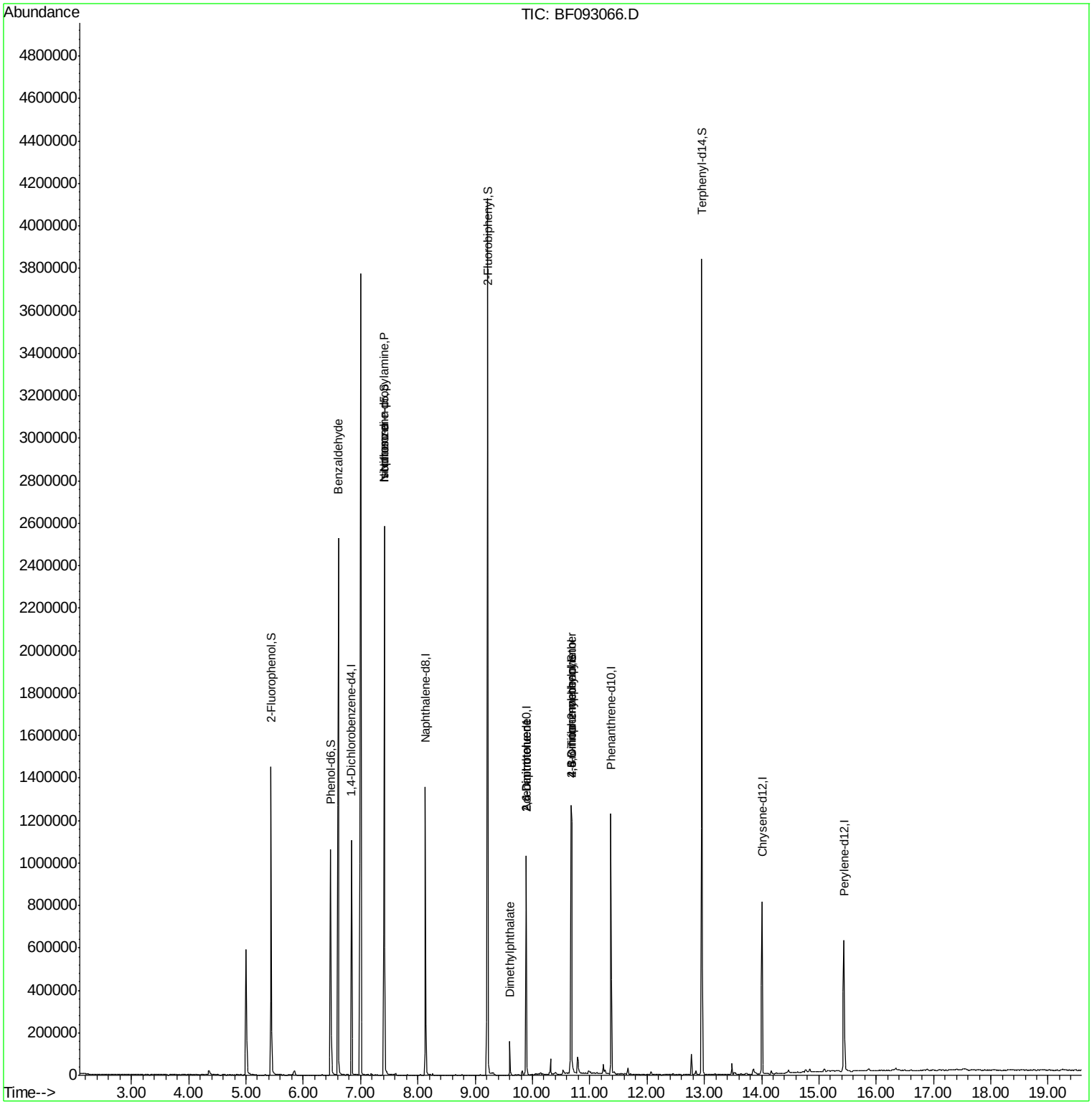
(#) = qualifier out of range (m) = manual integration (+) = signals summed

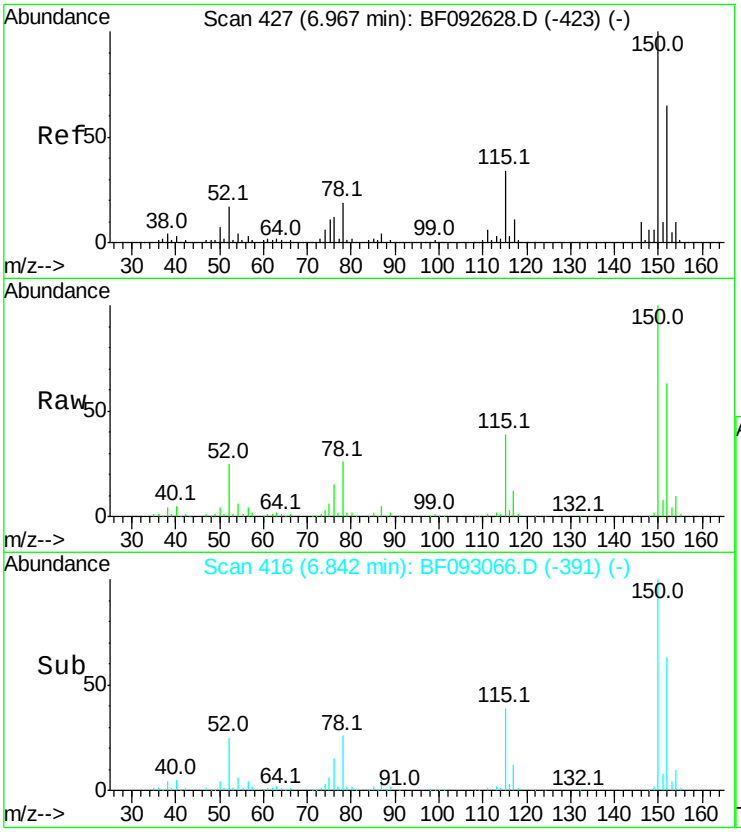
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF022017\
Data File : BF093066.D
Acq On : 21 Feb 2017 10:24
Operator : SJ/MA
Sample : I1904-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 21 13:28:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration



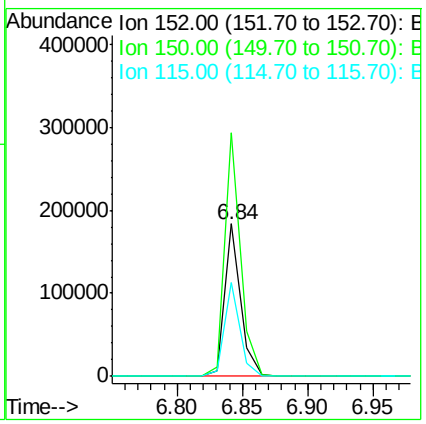


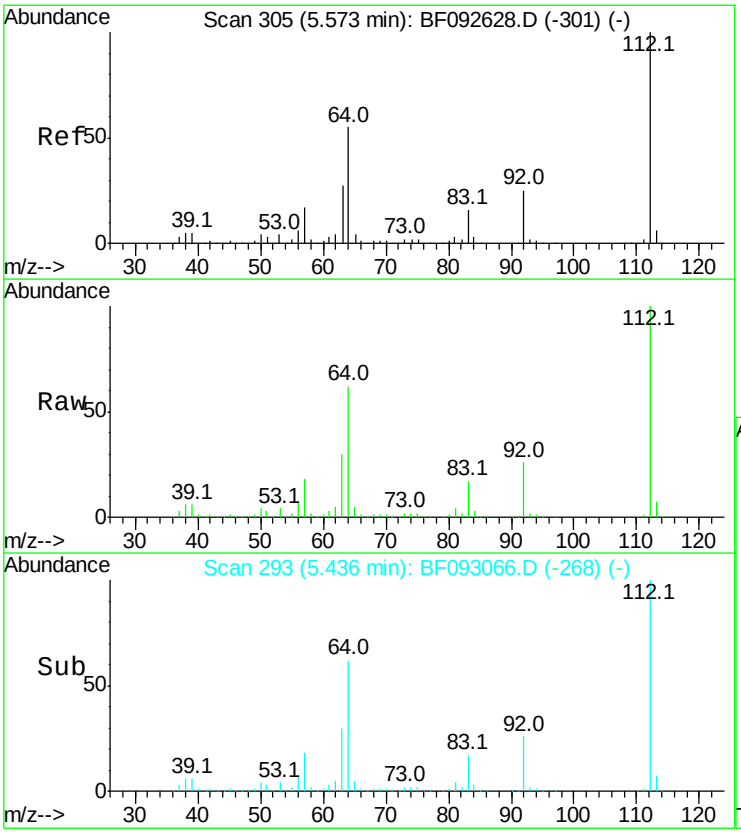
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 156562

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.9	187.3
115	61.8	46.0	69.0

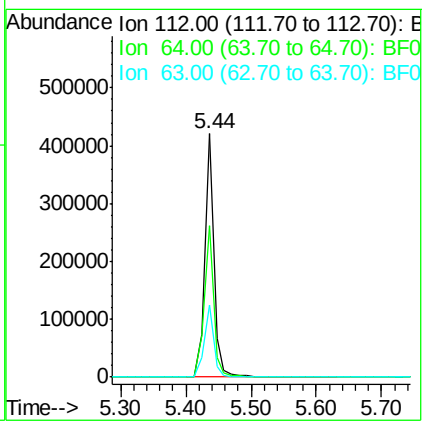


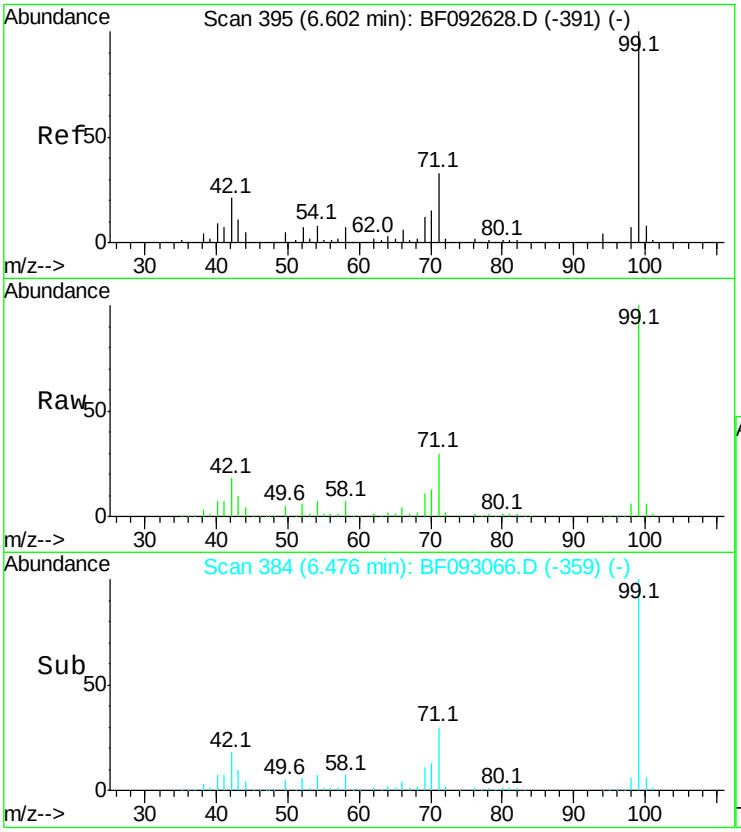


#5
2-Fluorophenol
Concen: 44.77 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Tgt Ion:112 Resp: 408556

Ion	Ratio	Lower	Upper
112	100		
64	62.0	46.1	69.1
63	29.8	23.8	35.6



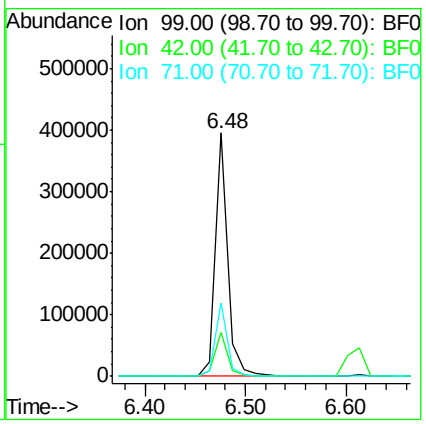


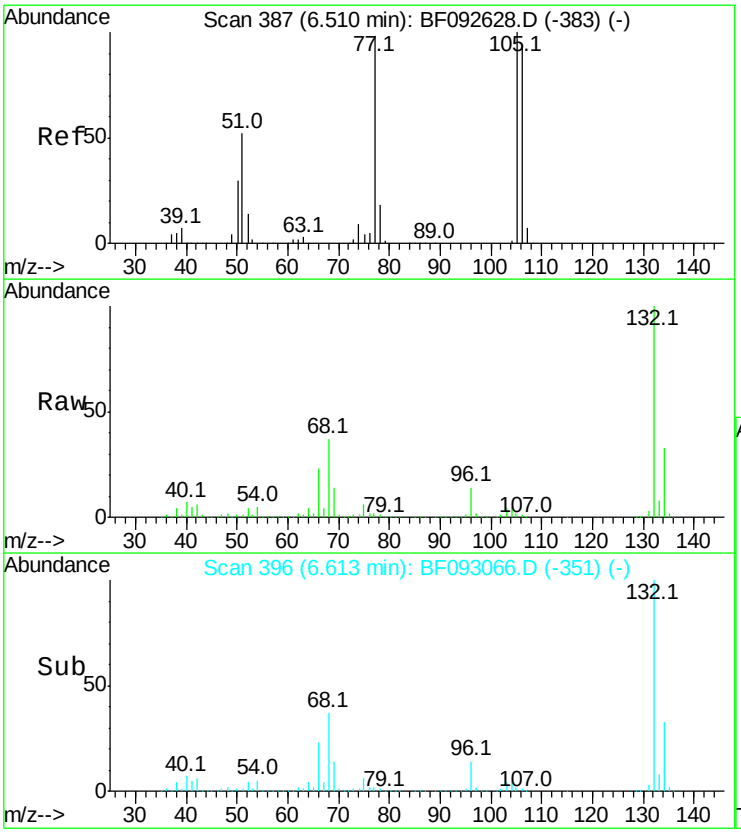
#7
Phenol-d6
Concen: 28.87 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 339035

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.6	23.4
71	30.1	27.5	41.3

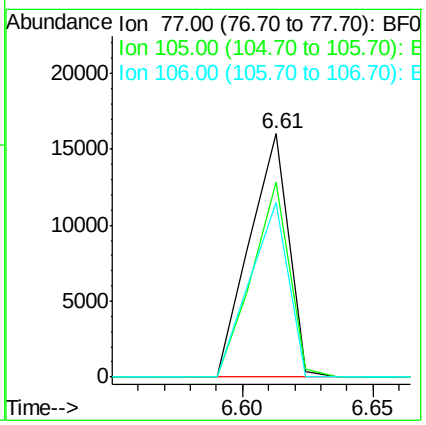


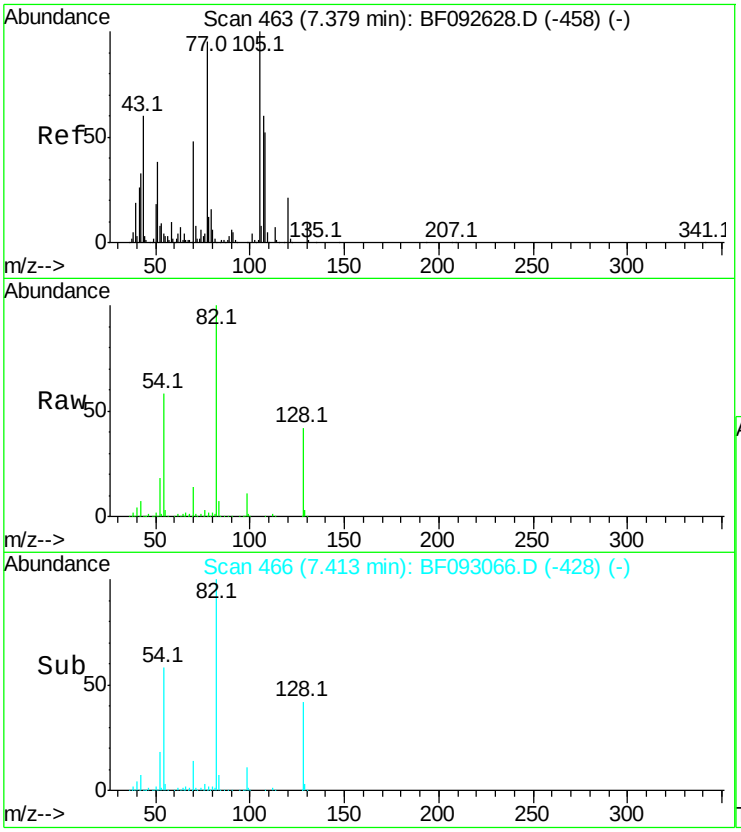


#9
Benzaldehyde
Concen: 2.01 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.22 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Tgt Ion: 77 Resp: 16926

Ion	Ratio	Lower	Upper
77	100		
105	80.1	83.9	123.9#
106	71.8	77.6	117.6#



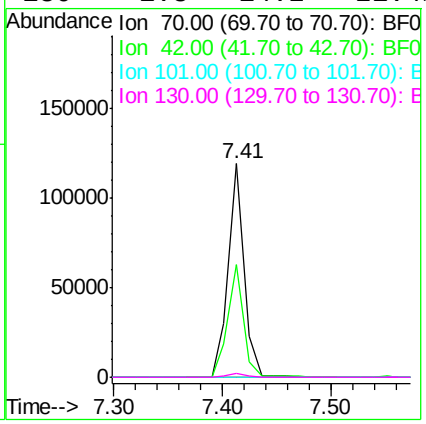


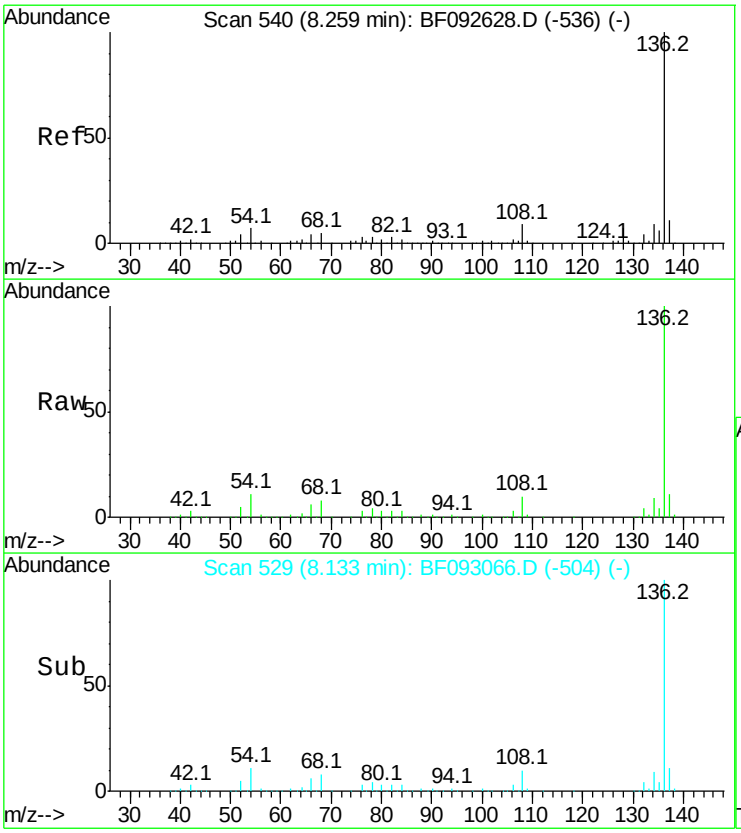
#19
n-Nitroso-di-n-propylamine
Concen: 16.12 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 120512

Ion	Ratio	Lower	Upper
70	100		
42	52.7	49.4	74.0
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#

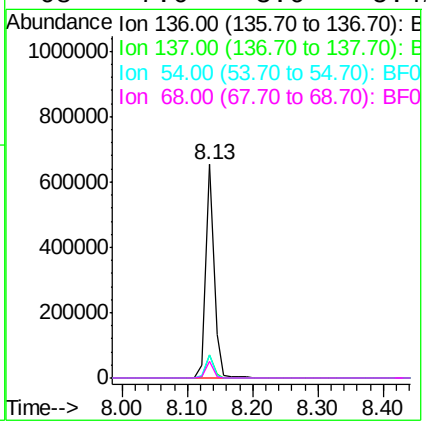


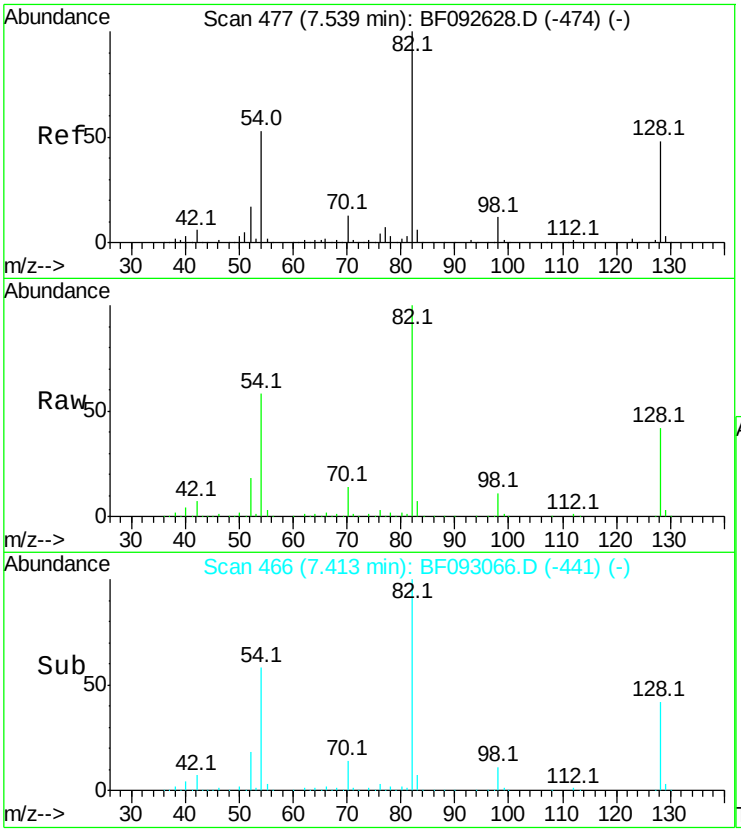


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Tgt Ion:136 Resp: 583837

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.0	4.5	6.7#
68	7.6	3.6	5.4#



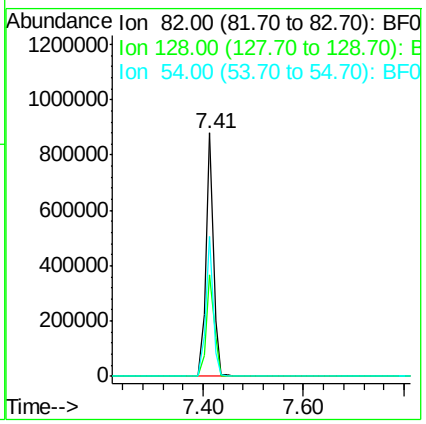


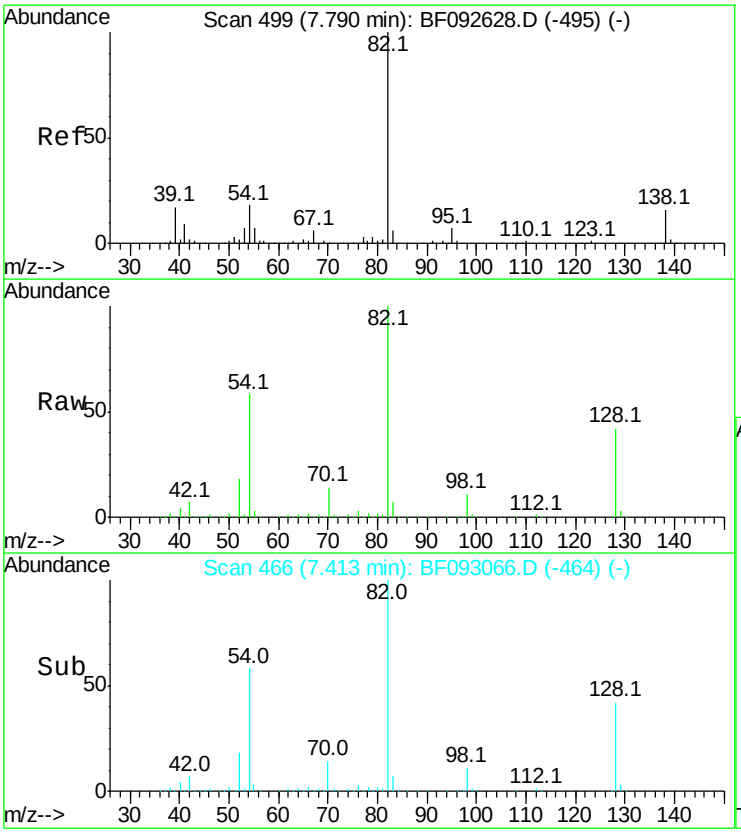
#23
Nitrobenzene-d5
Concen: 87.18 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 914065

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	57.6	39.5	59.3

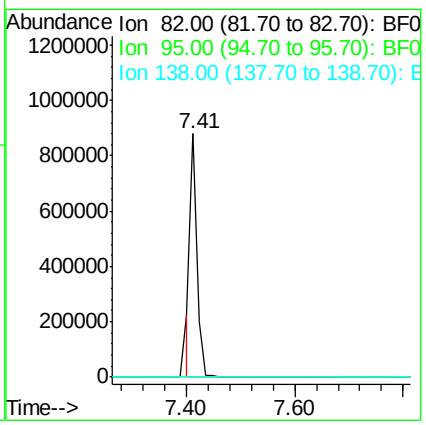


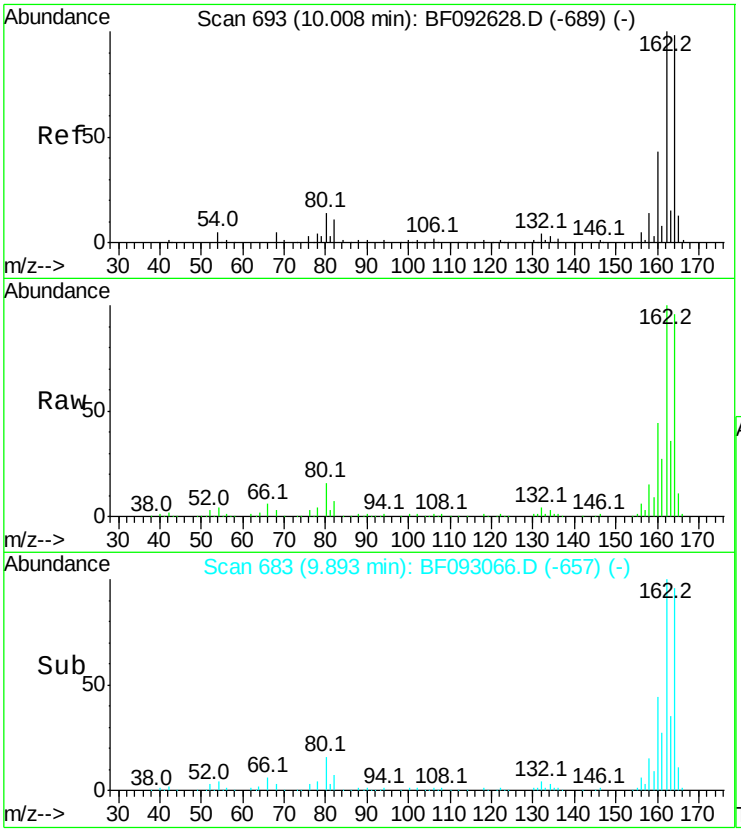


#25
Isophorone
Concen: 38.91 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.27 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Tgt Ion: 82 Resp: 760136

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



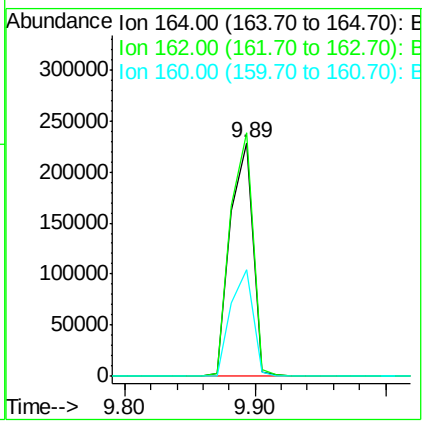


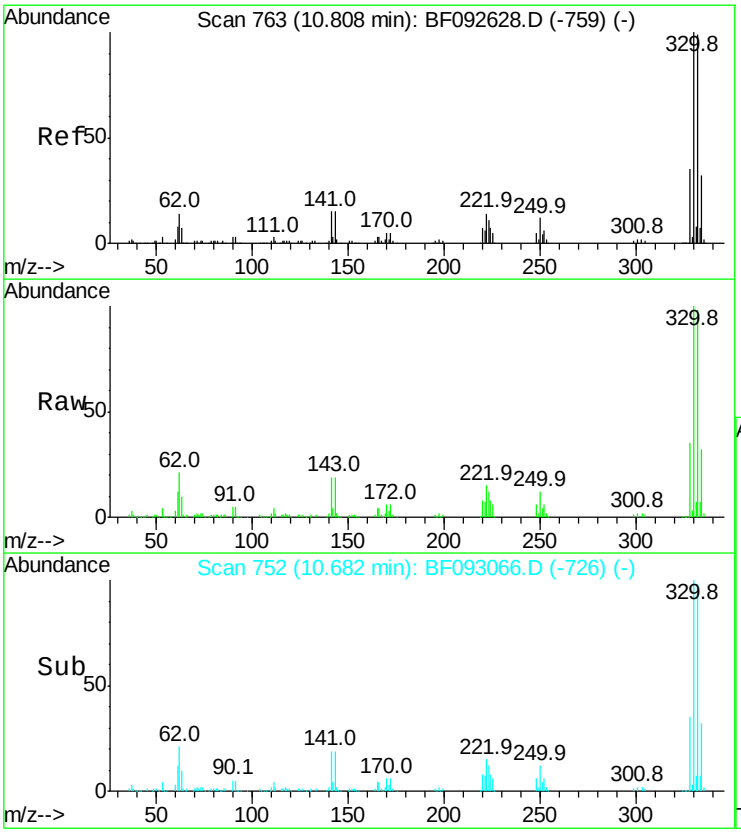
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 274614

Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.2	120.2
160	45.9	36.9	55.3

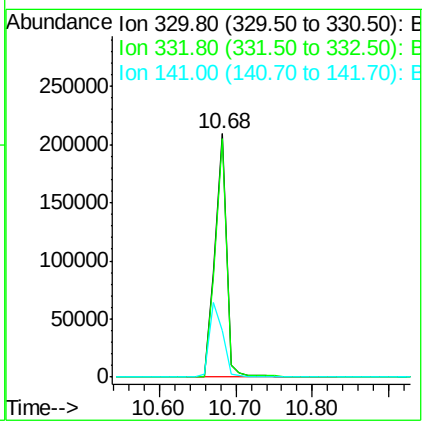


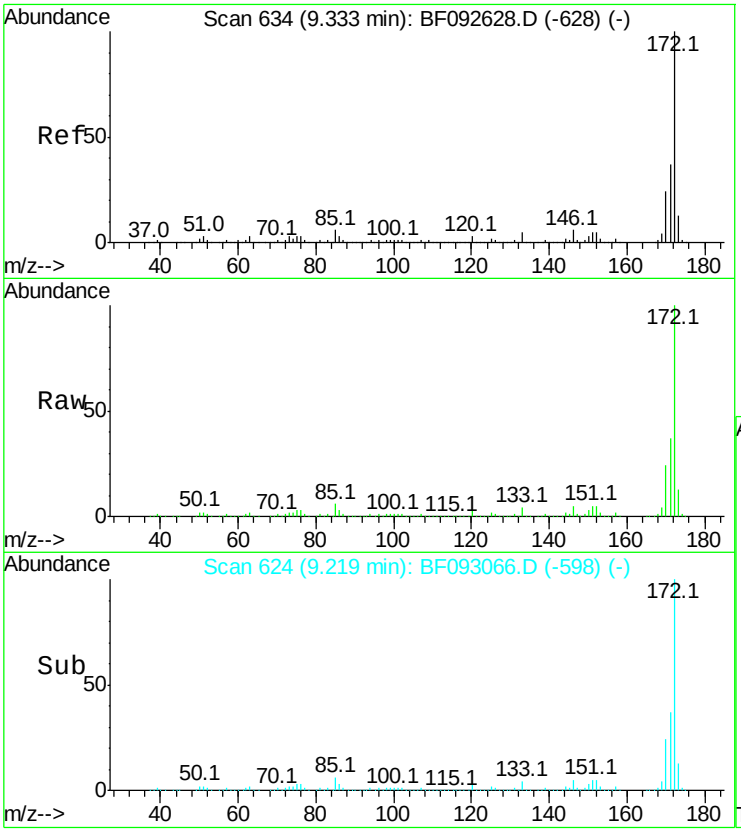


#41
2,4,6-Tribromophenol
Concen: 110.84 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Tgt Ion:330 Resp: 220141

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	35.1	34.1	51.1



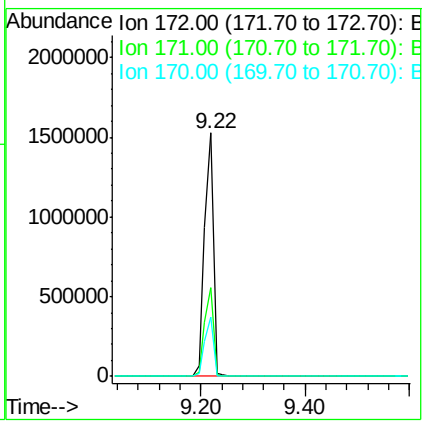


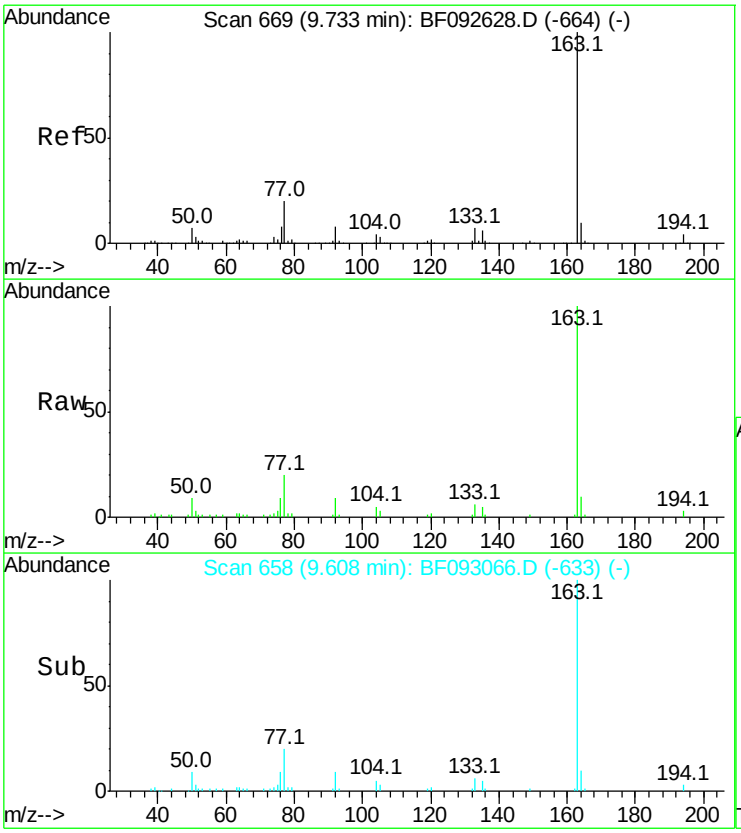
#44
2-Fluorobiphenyl
Concen: 117.02 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1773772

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.4	20.2	30.4

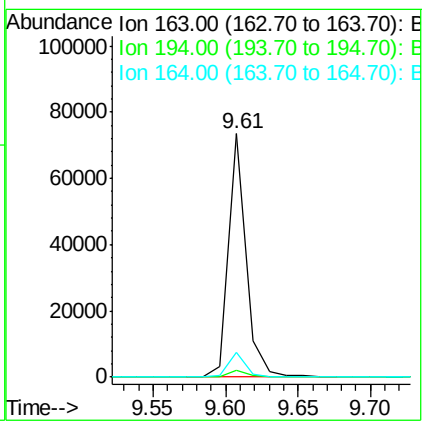


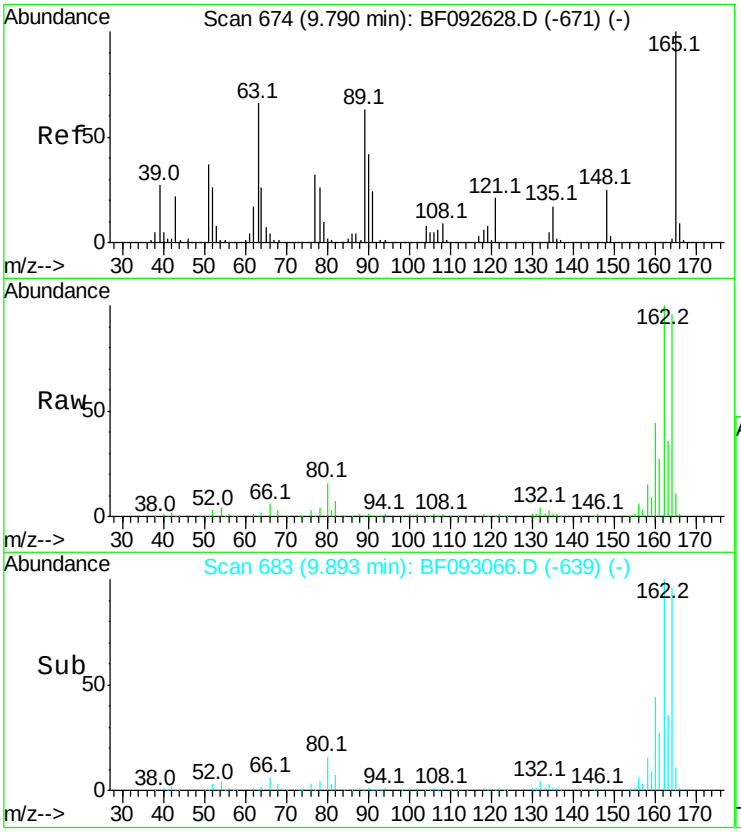


#49
Dimethylphthalate
Concen: 3.36 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Tgt Ion:163 Resp: 62077

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.4	8.0	12.0



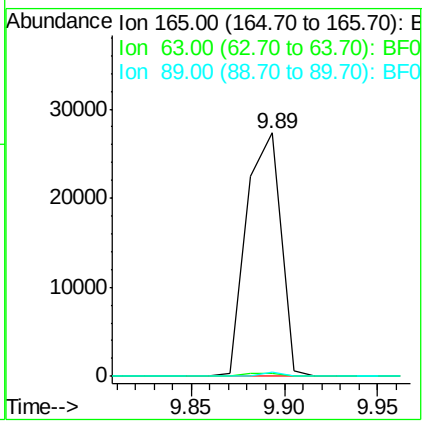


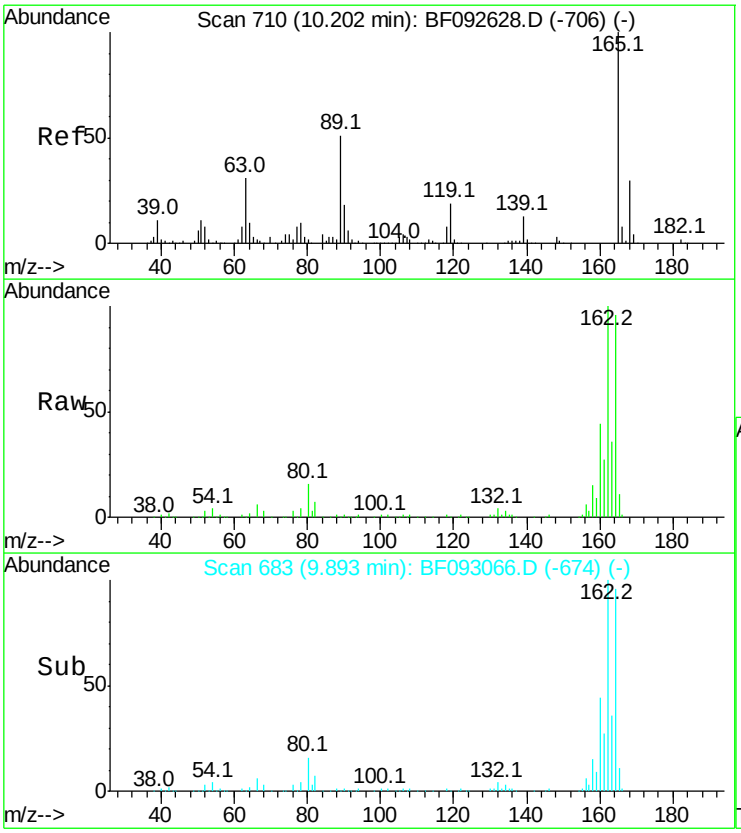
#50
2,6-Dinitrotoluene
Concen: 8.72 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.21 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34838

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.9	40.2	60.4#

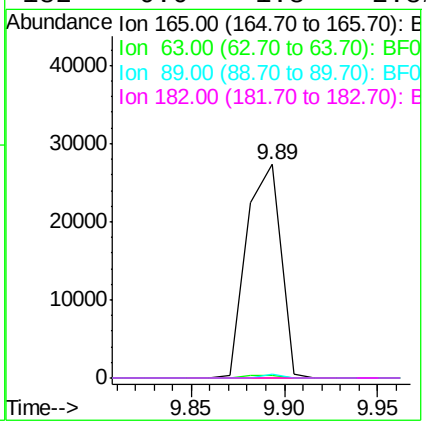


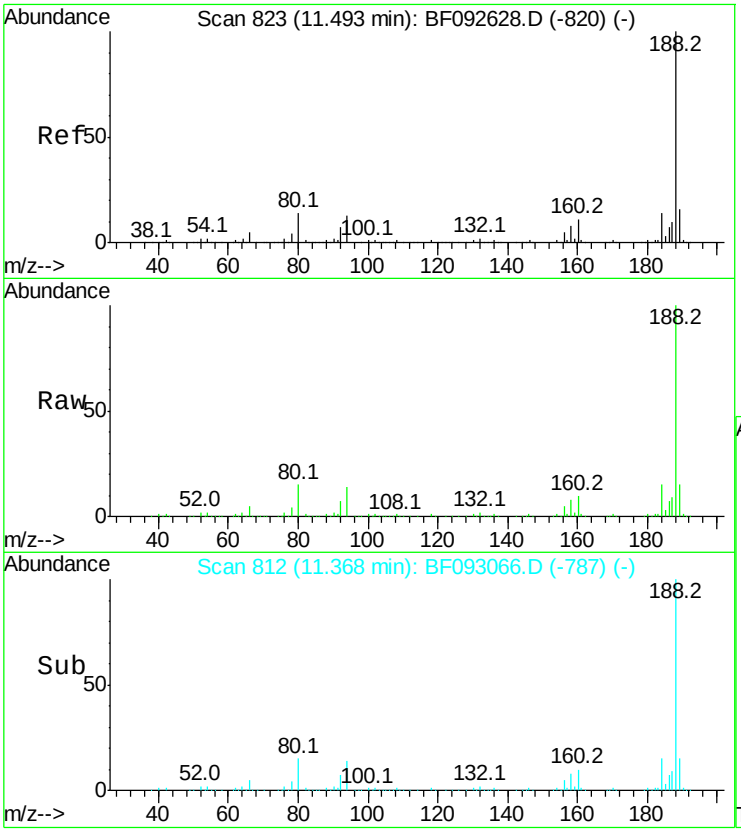


#56
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.19 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Tgt Ion:165 Resp: 34838

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.9	62.5	93.7#
182	0.0	1.8	2.8#



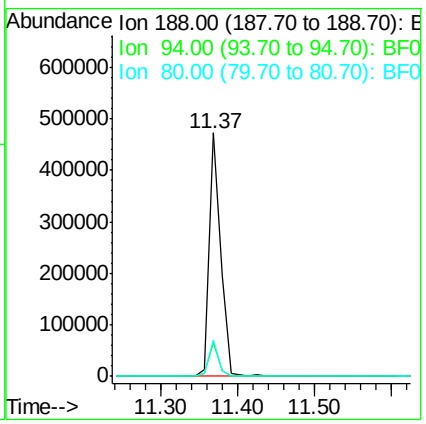


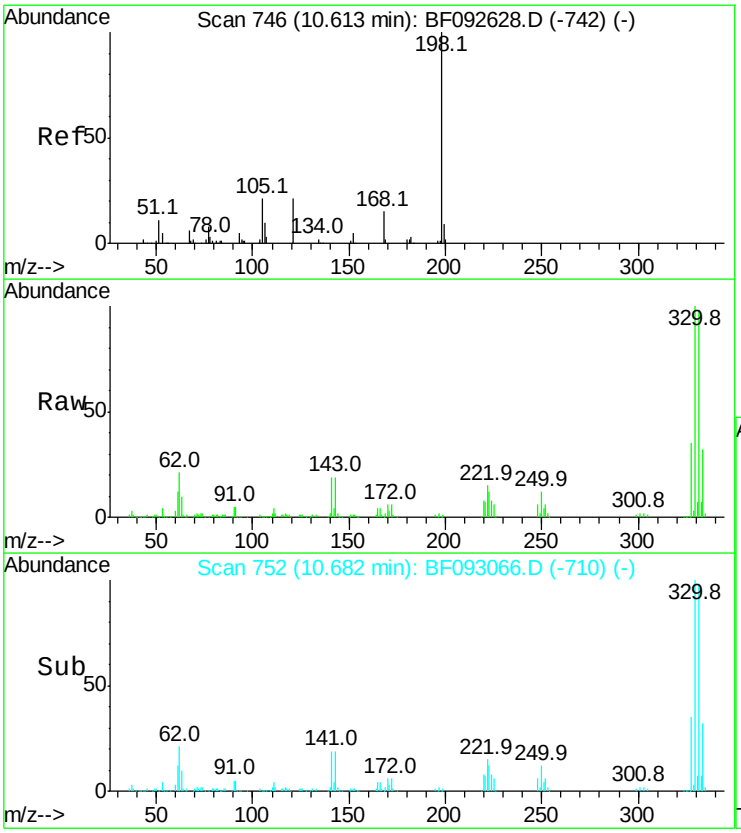
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 479794

Ion	Ratio	Lower	Upper
188	100		
94	13.8	10.0	15.0
80	14.7	11.2	16.8

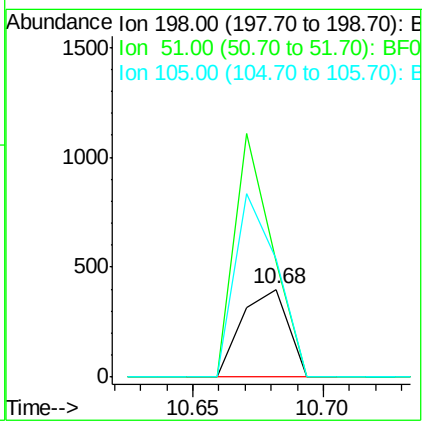


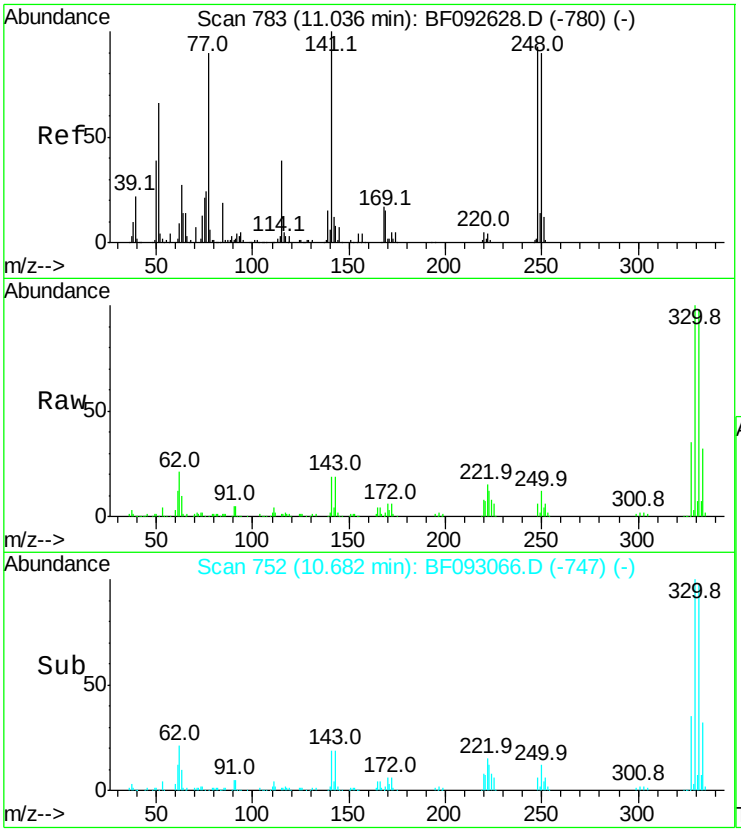


#64
4,6-Dinitro-2-methylphenol
Concen: 2.83 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.18 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Tgt Ion:198 Resp: 490

Ion	Ratio	Lower	Upper
198	100		
51	131.4	6.7	46.7#
105	135.4	16.6	56.6#



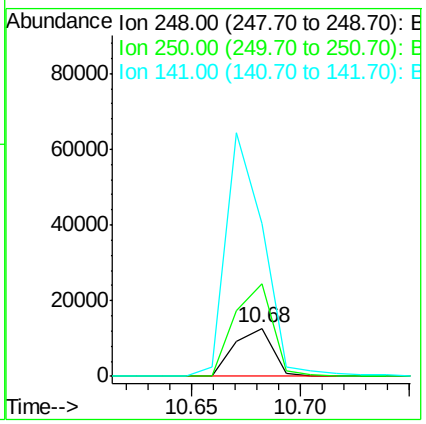


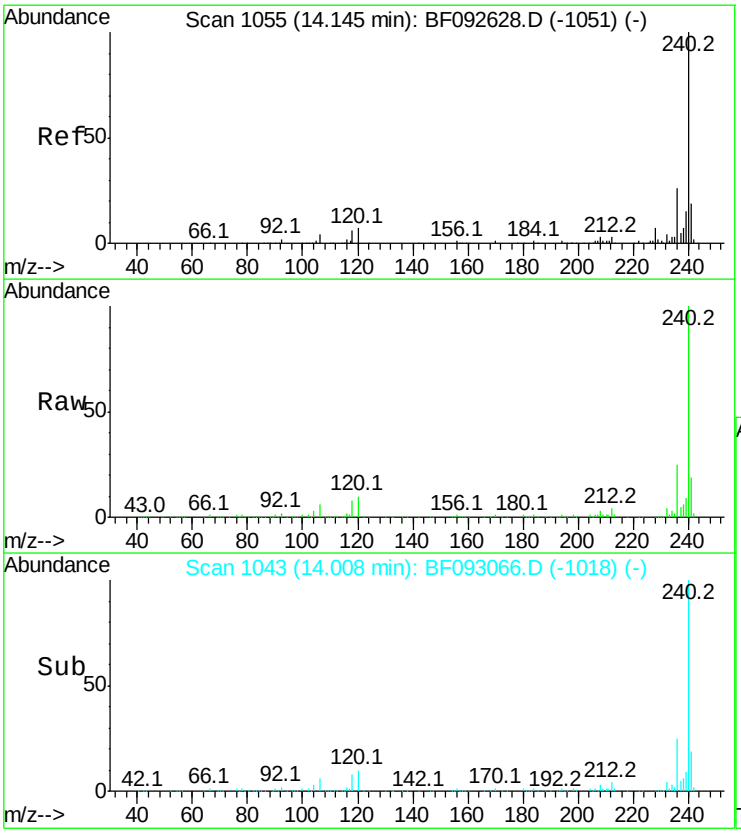
#66
4-Bromophenyl-phenylether
Concen: 3.09 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15506

Ion	Ratio	Lower	Upper
248	100		
250	192.9	76.9	115.3#
141	318.8	68.2	102.4#

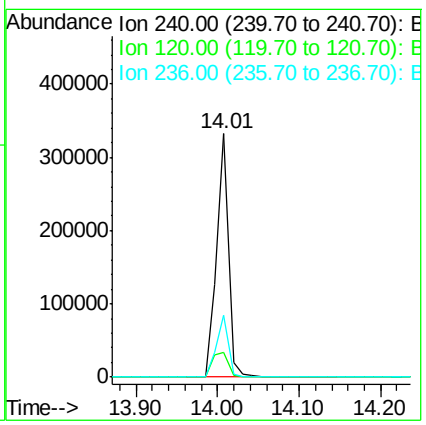


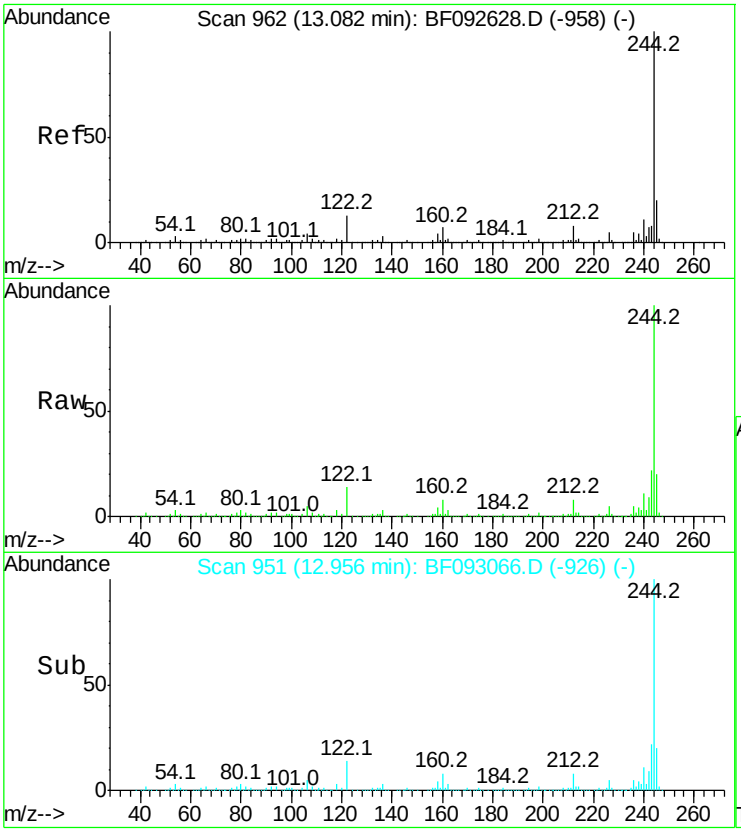


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Tgt Ion:240 Resp: 334757

Ion	Ratio	Lower	Upper
240	100		
120	10.1	12.9	19.3#
236	25.4	20.9	31.3



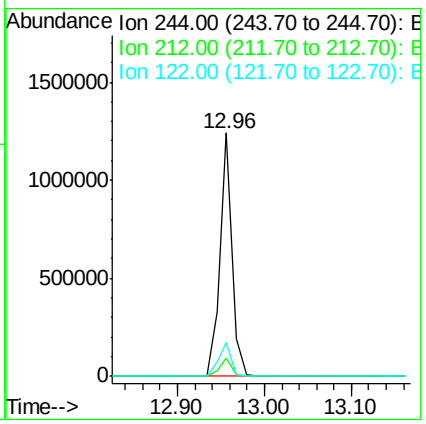


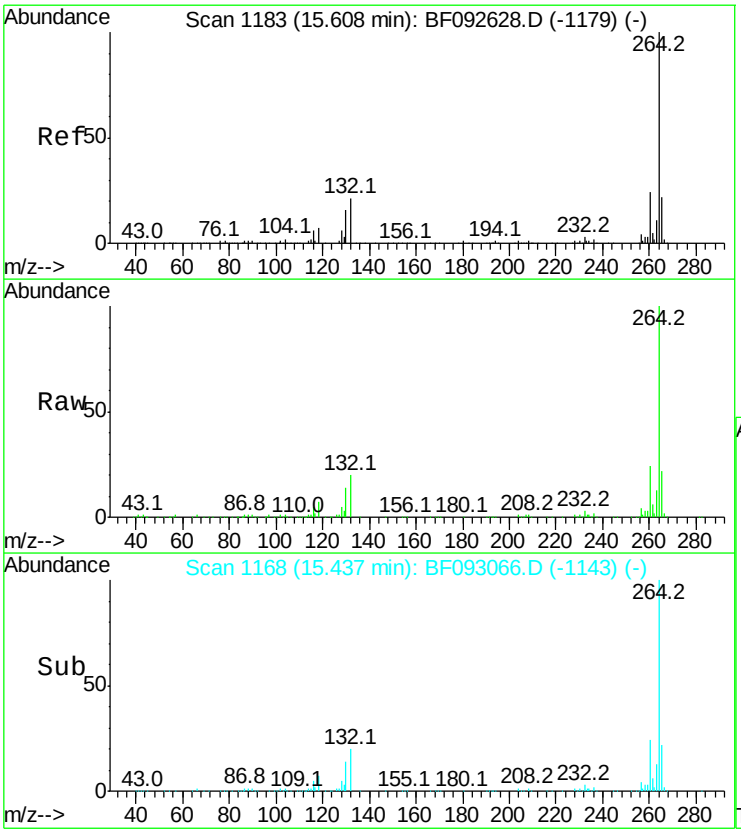
#78
Terphenyl-d14
Concen: 85.74 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1221487

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.7	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093066.D
Acq: 21 Feb 2017 10:24

Tgt Ion:264 Resp: 294201

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.4	26.0