Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
Data File : BF093736.D
Acq On : 18 Mar 2017 6:54
Operator : SJ/MA
Sample : PB97625BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97625BL

Quant Time: Mar 18 07:15:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	206306	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	798547	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	368929	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	714895	20.00	ng		0.00
75) Chrysene-d12	13.99	240	631834	20.00	ng		-0.01
86) Perylene-d12	15.41	264	516818	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1486593	120.14	ng		0.01
7) Phenol-d6	6.48	99	2064085	134.58	ng		0.00
23) Nitrobenzene-d5	7.41	82	1250788	94.01	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	379196	157.05	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	2192578	112.15	ng		0.00
78) Terphenyl-d14	12.95	244	1649183	56.18	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	36822	2.30	ng		83
19) n-Nitroso-di-n-propylamine	7.41	70	167598	16.46	ng	#	82
25) Isophorone	7.41	82	1207283	47.14	ng	#	67
50) 2,6-Dinitrotoluene	9.88	165	46453	8.92	ng	#	33
56) 2,4-Dinitrotoluene	9.88	165	46444	6.70	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.66	198	854	4.13	ng	#	1
66) 4-Bromophenyl-phenylether	10.66	248	24962	3.69	ng	#	1

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

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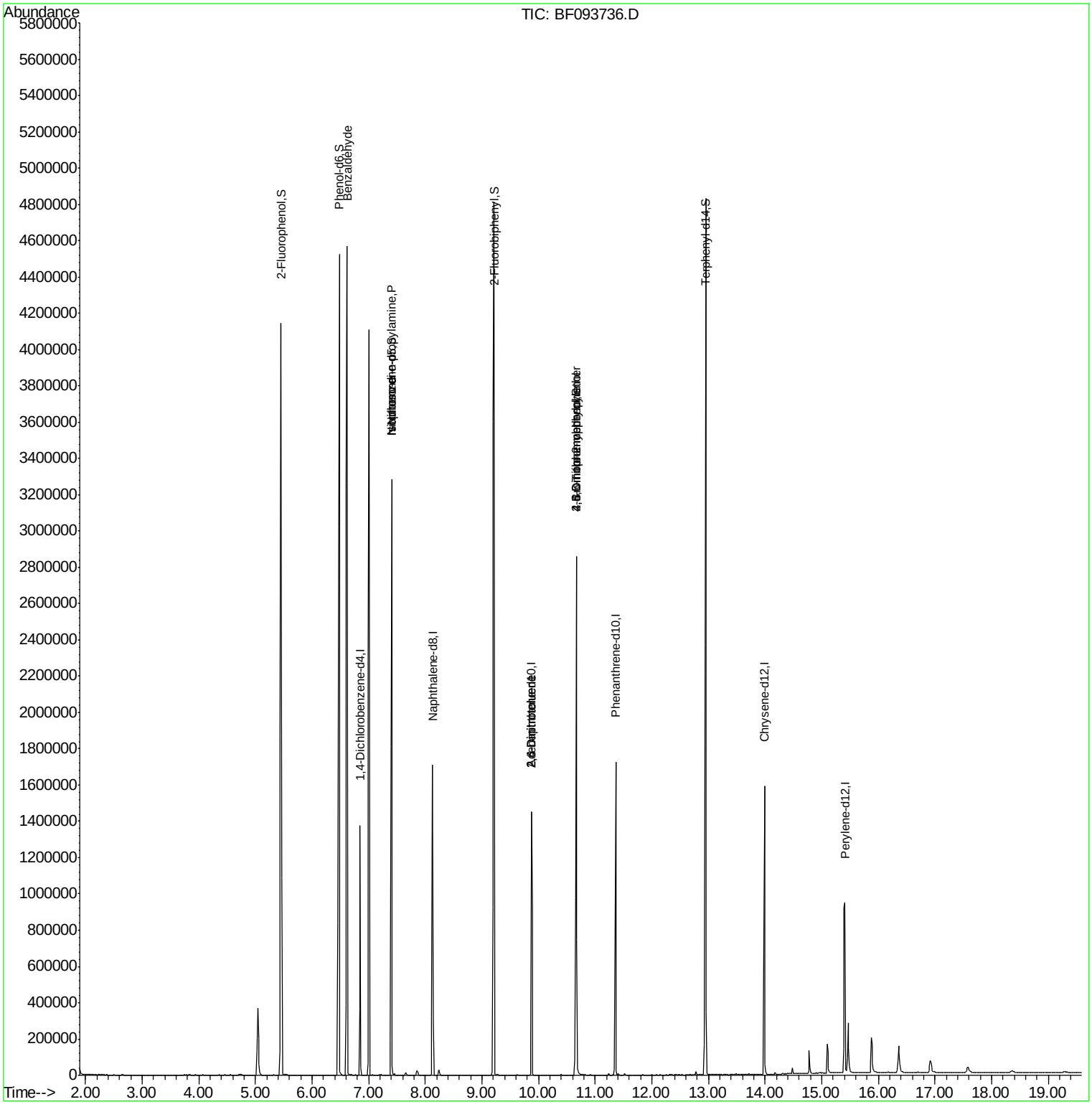
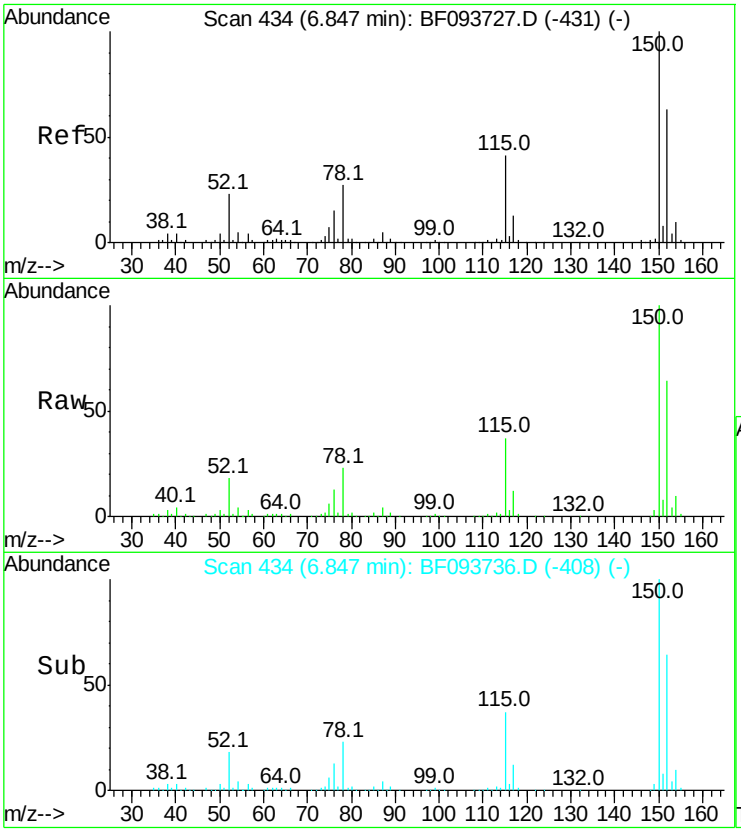


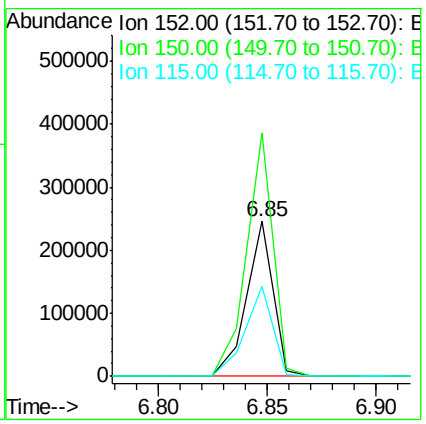


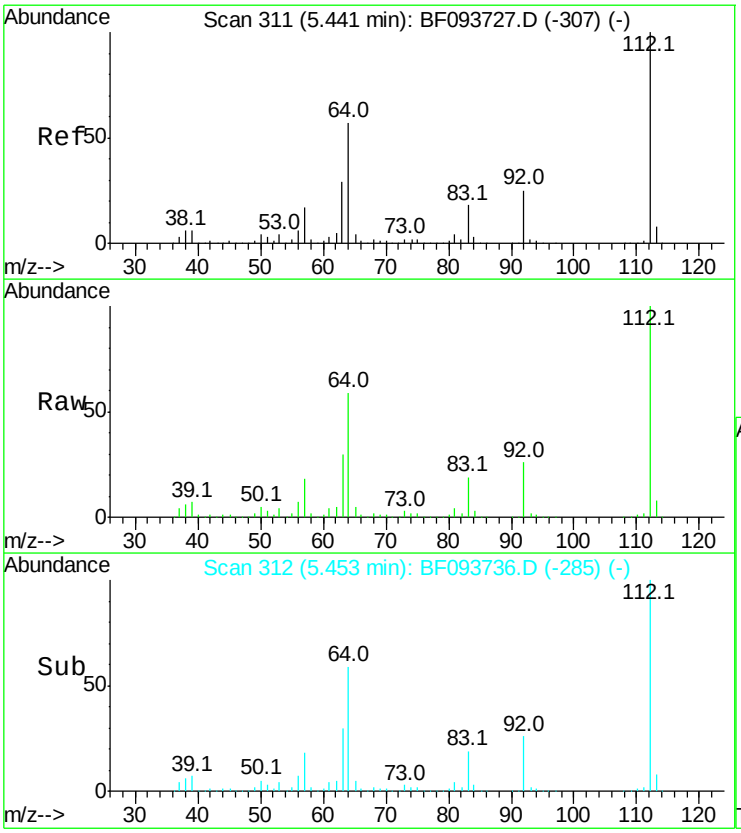
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Instrument :
BNA_F
ClientSampleId :
PB97625BL

Tgt Ion:152 Resp: 206306

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	57.9	52.2	78.2

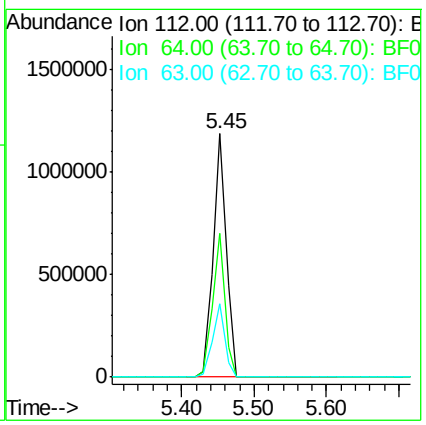


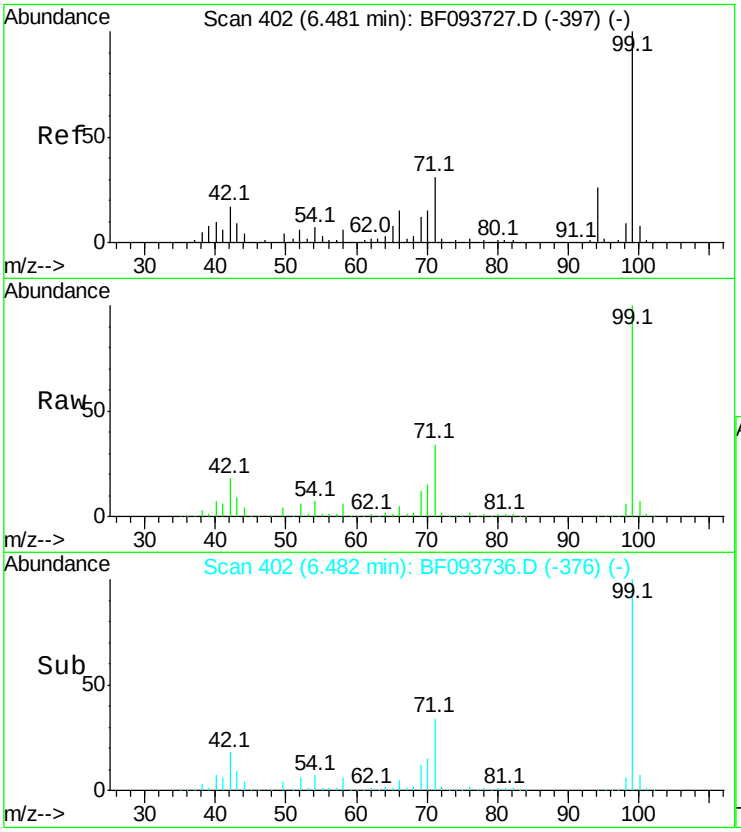


#5
2-Fluorophenol
Concen: 120.14 ng
RT: 5.45 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Tgt Ion:112 Resp: 1486593

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.0	69.0
63	30.2	23.4	35.0



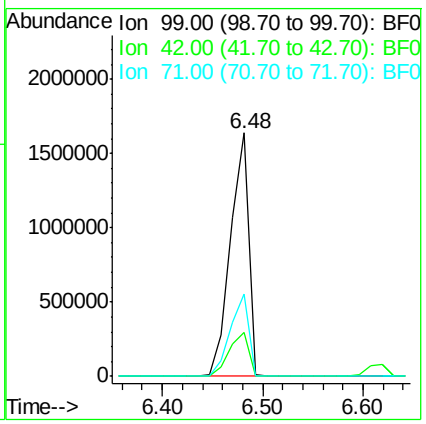


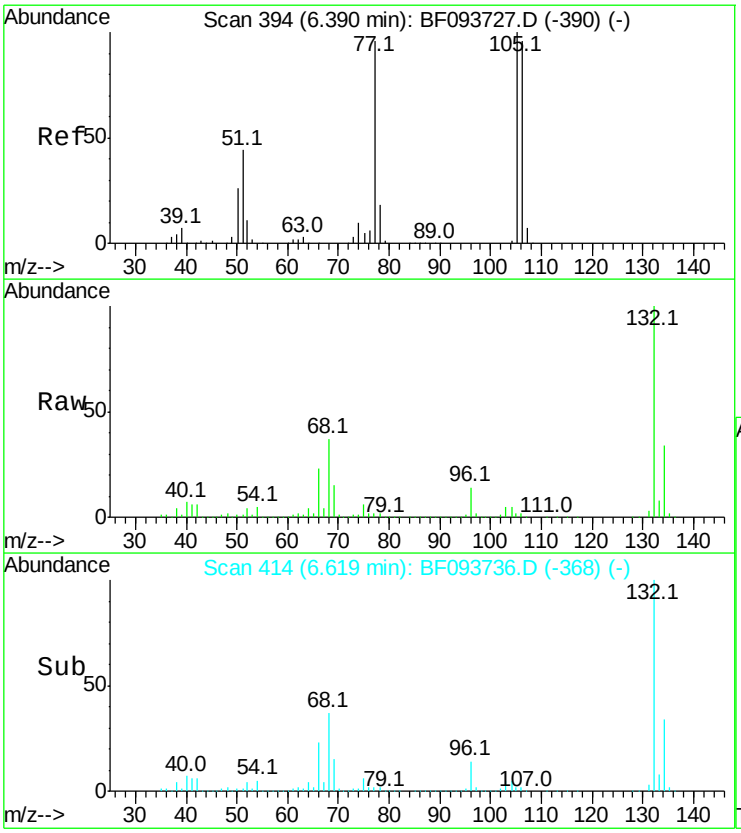
#7
Phenol-d6
Concen: 134.58 ng
RT: 6.48 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Instrument :
BNA_F
ClientSampleId :
PB97625BL

Tgt Ion: 99 Resp: 2064085

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	33.9	24.5	36.7

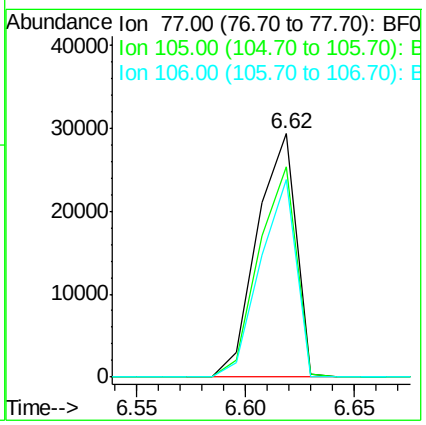


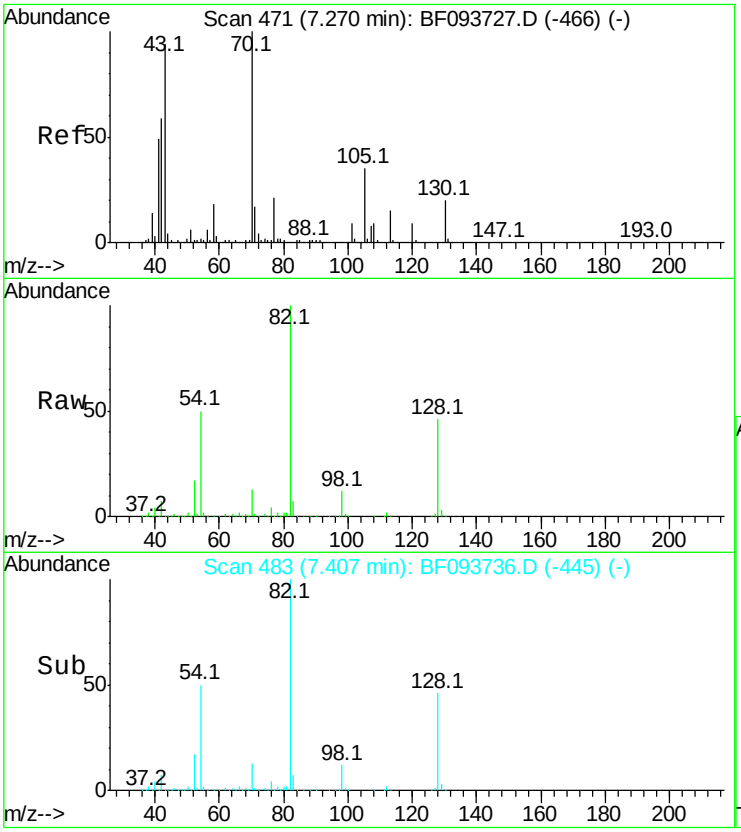


#9
Benzaldehyde
Concen: 2.30 ng
RT: 6.62 min Scan# 414
Delta R.T. 0.23 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Tgt Ion: 77 Resp: 36822

Ion	Ratio	Lower	Upper
77	100		
105	86.4	83.8	123.8
106	81.2	79.1	119.1



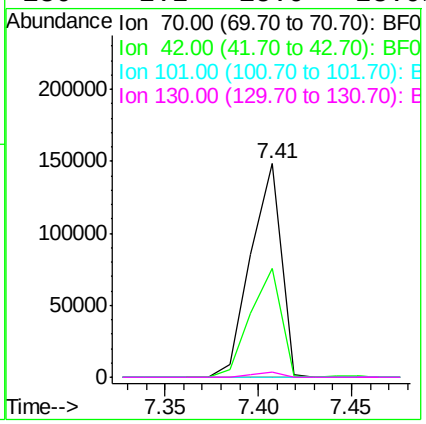


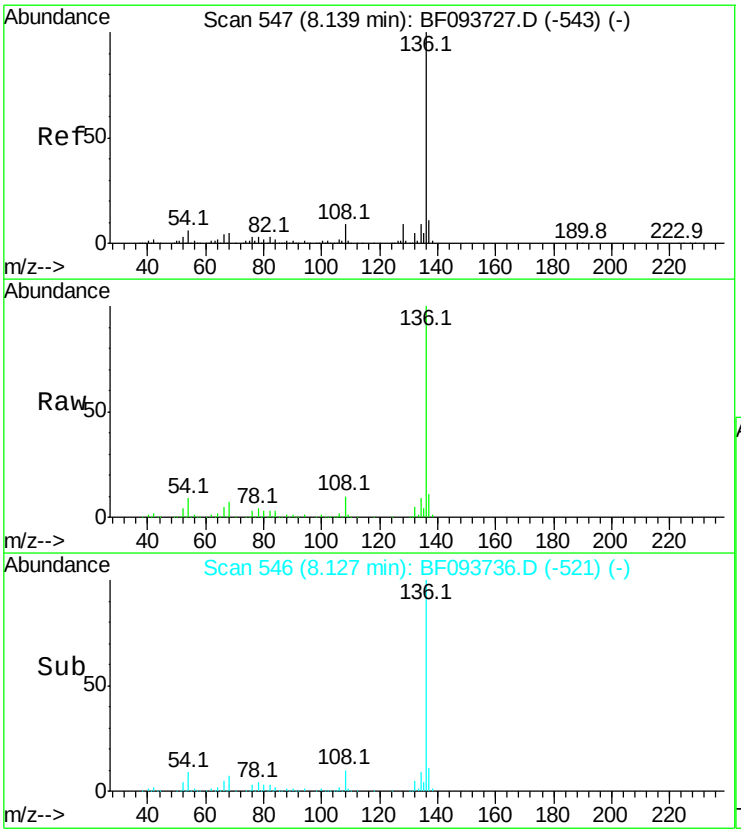
#19
n-Nitroso-di-n-propylamine
Concen: 16.46 ng
RT: 7.41 min Scan# 483
Delta R.T. 0.14 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Instrument :
BNA_F
ClientSampleId :
PB97625BL

Tgt Ion: 70 Resp: 167598

Ion	Ratio	Lower	Upper
70	100		
42	51.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

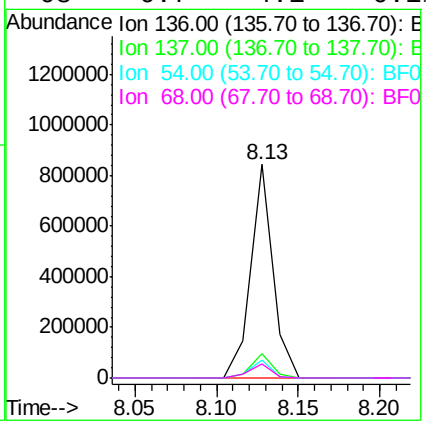


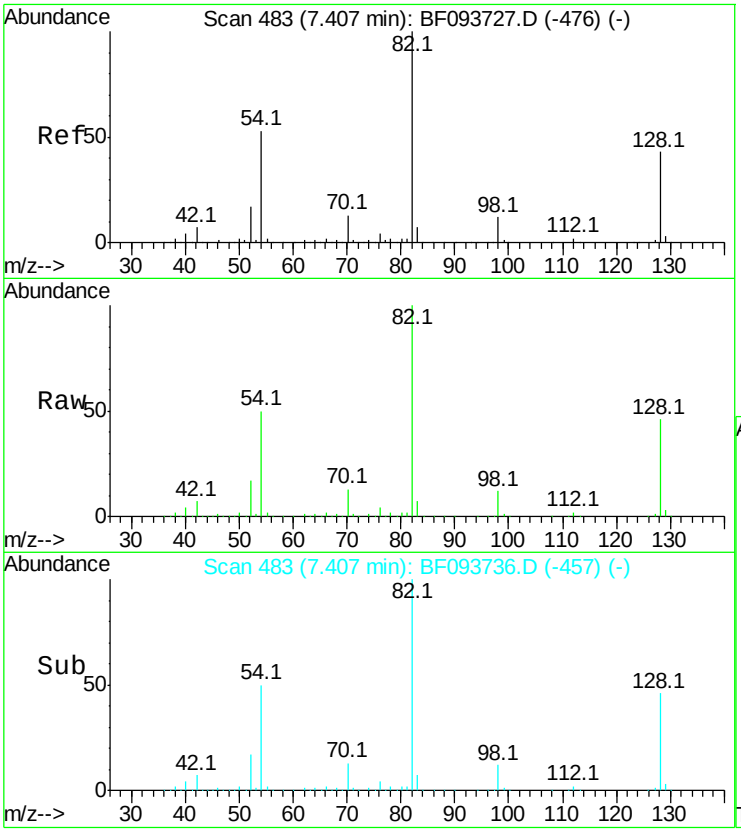


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Tgt Ion:136 Resp: 798547

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.5	4.9	7.3#
68	6.7	4.1	6.1#



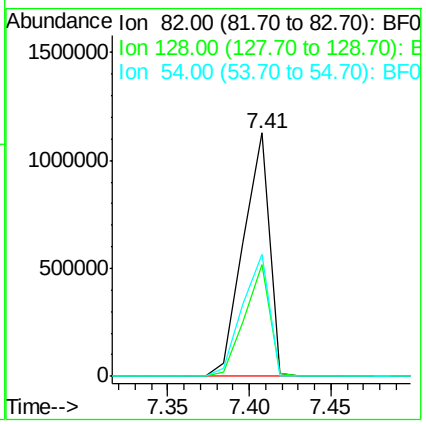


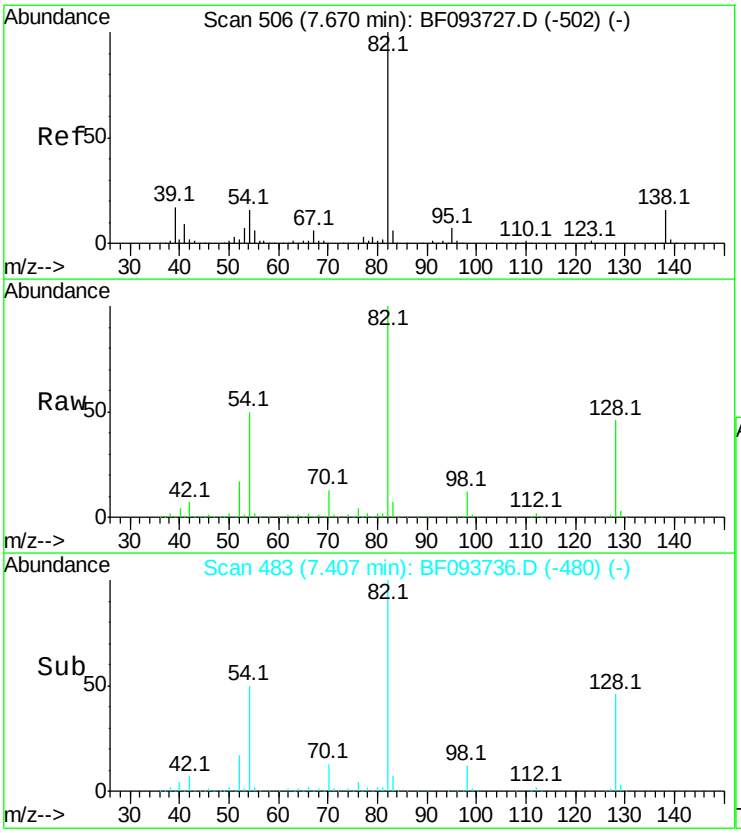
#23
Nitrobenzene-d5
Concen: 94.01 ng
RT: 7.41 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Instrument :
BNA_F
ClientSampleId :
PB97625BL

Tgt Ion: 82 Resp: 1250788

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	50.3	42.2	63.2

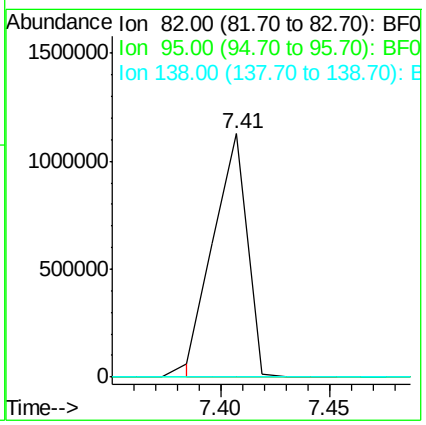


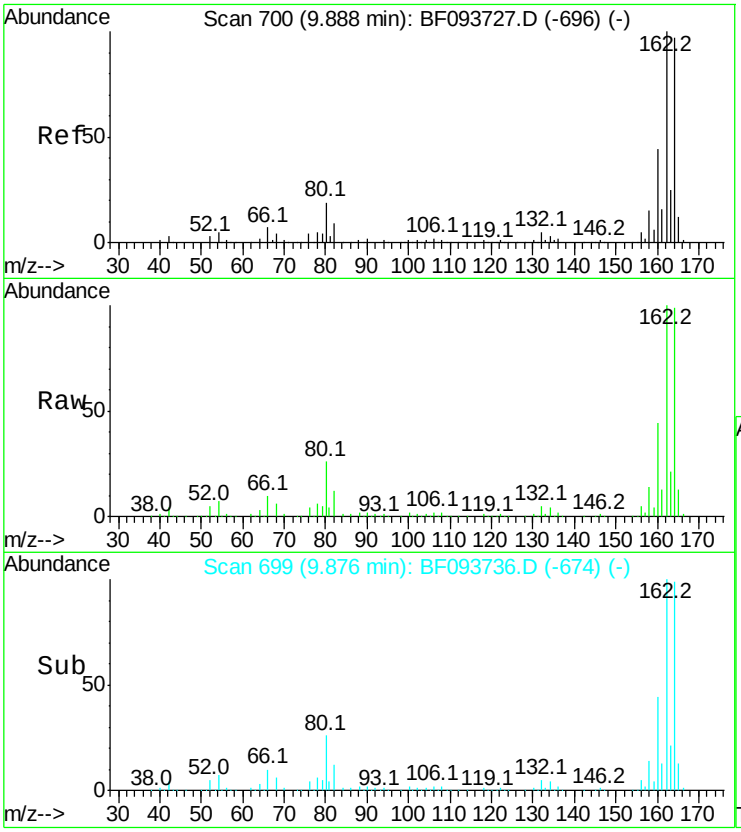


#25
Isophorone
Concen: 47.14 ng
RT: 7.41 min Scan# 483
Delta R.T. -0.26 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Tgt Ion: 82 Resp: 1207283

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



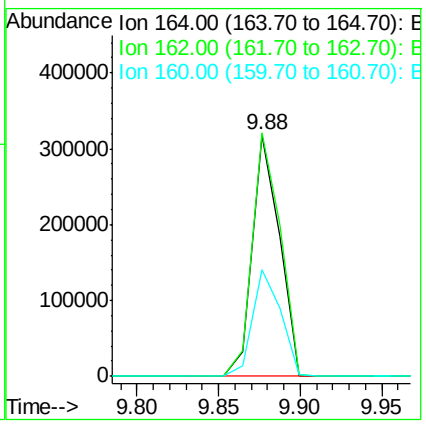


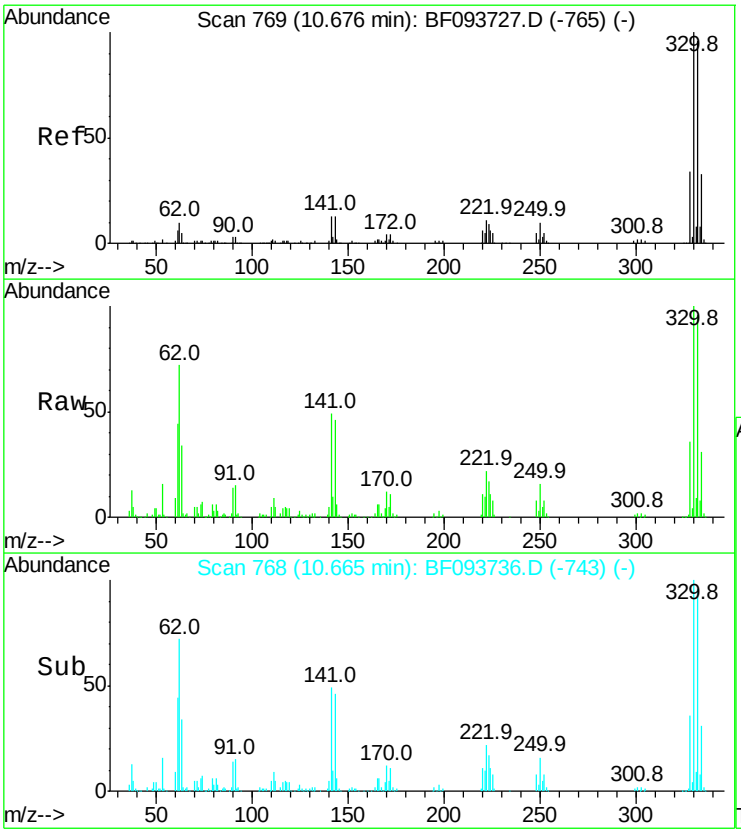
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Instrument :
BNA_F
ClientSampleId :
PB97625BL

Tgt Ion:164 Resp: 368929

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	44.0	36.2	54.2

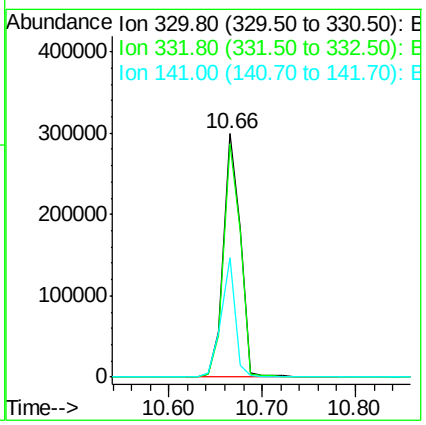


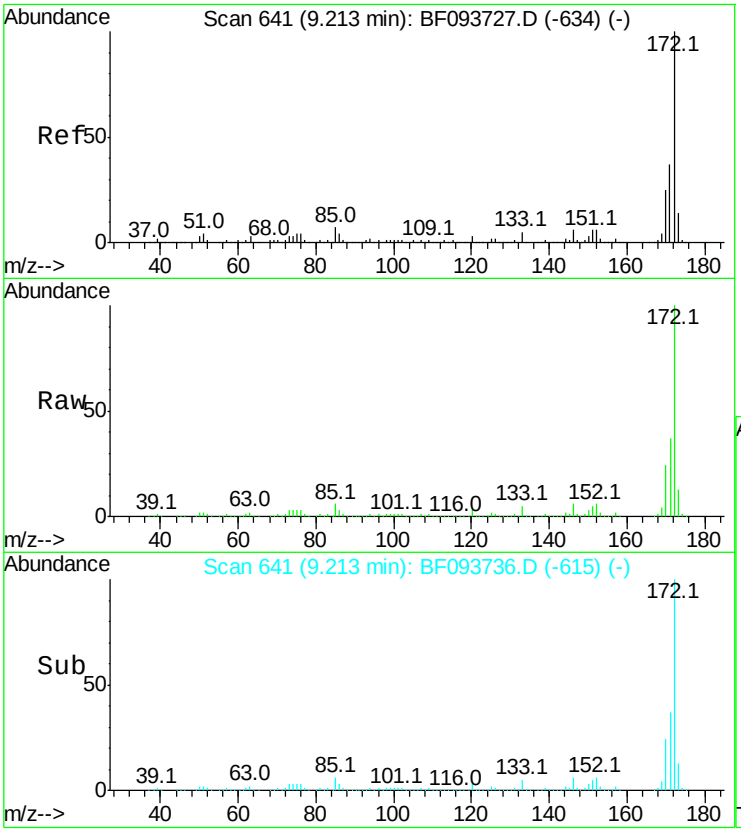


#41
2,4,6-Tribromophenol
Concen: 157.05 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Tgt Ion:330 Resp: 379196

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	40.9	31.4	47.2



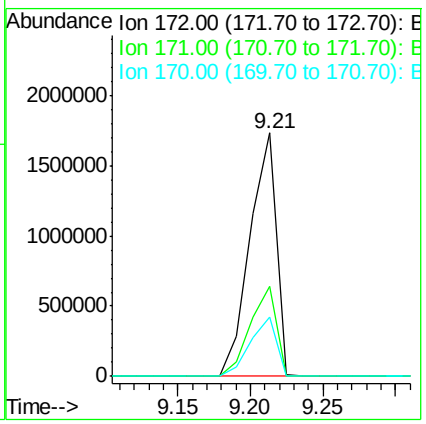


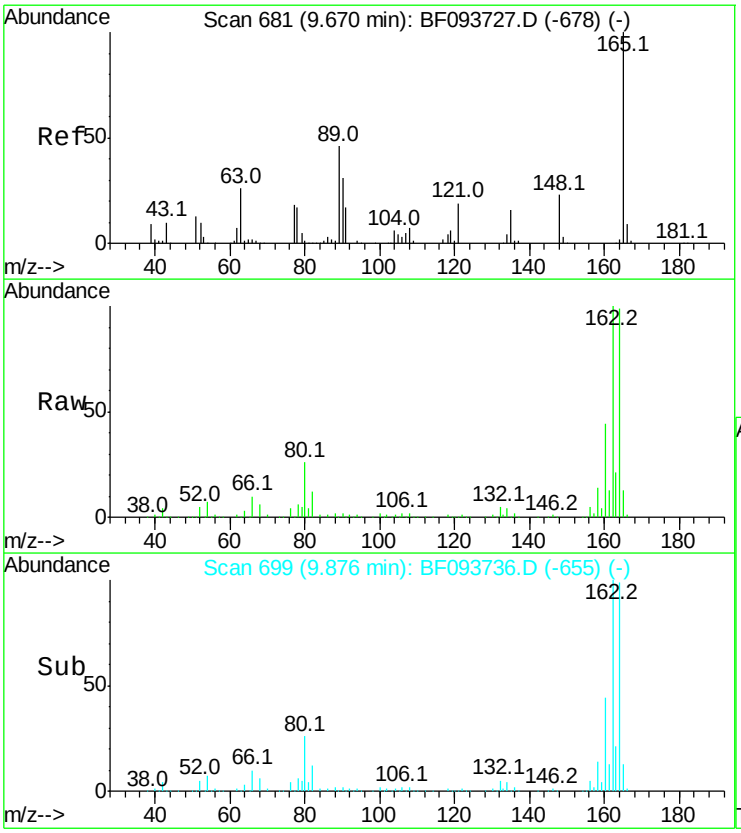
#44
2-Fluorobiphenyl
Concen: 112.15 ng
RT: 9.21 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Instrument :
BNA_F
ClientSampleId :
PB97625BL

Tgt Ion:172 Resp: 2192578

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.5	19.8	29.8

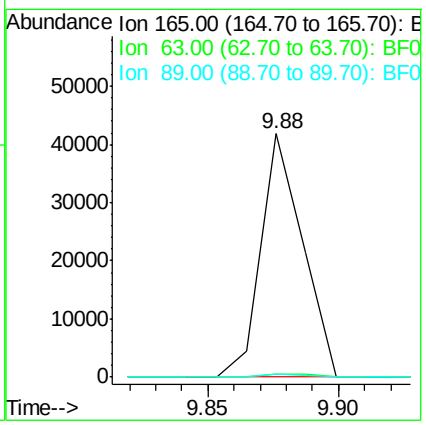


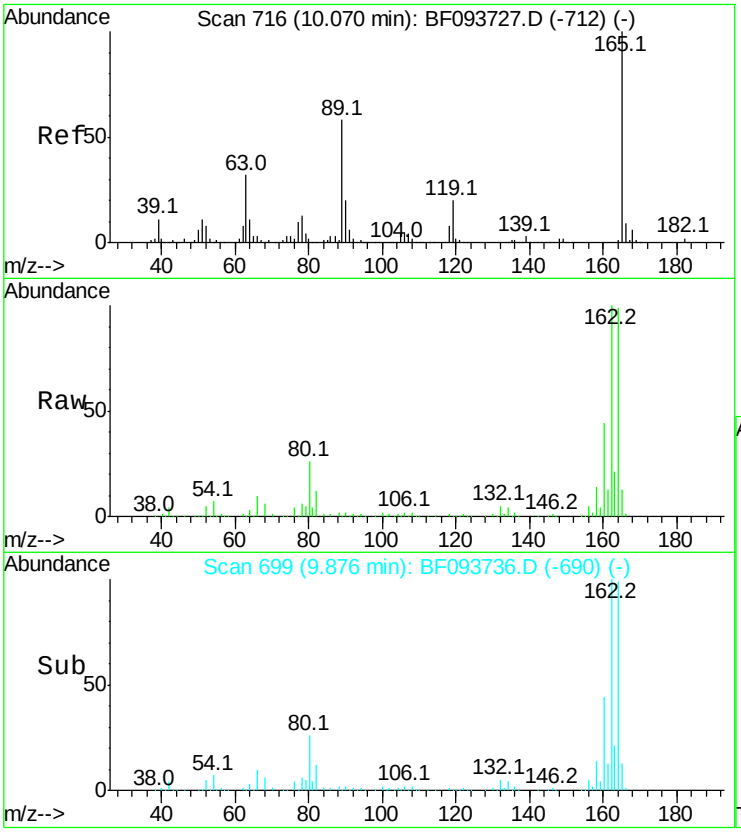


#50
2,6-Dinitrotoluene
Concen: 8.92 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.21 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Tgt Ion:165 Resp: 46453

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.4	37.1	55.7#



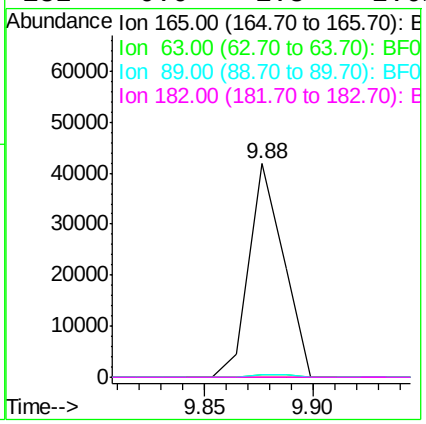


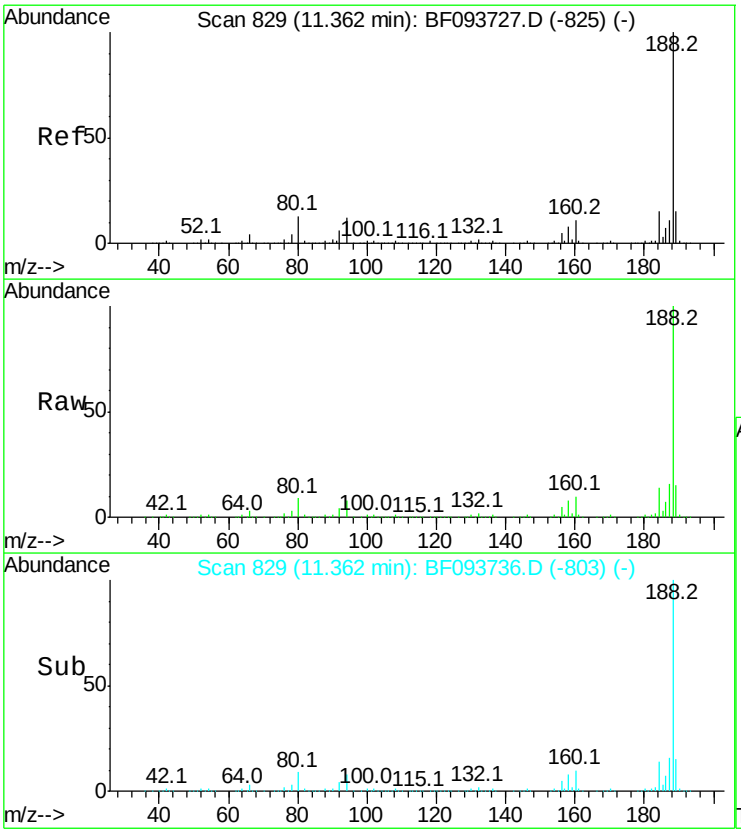
#56
2,4-Dinitrotoluene
Concen: 6.70 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.19 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Instrument :
BNA_F
ClientSampleId :
PB97625BL

Tgt Ion:165 Resp: 46444

Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

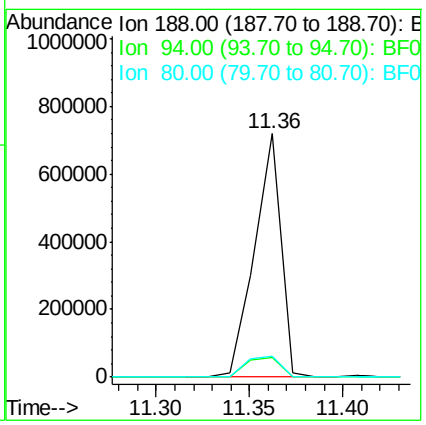


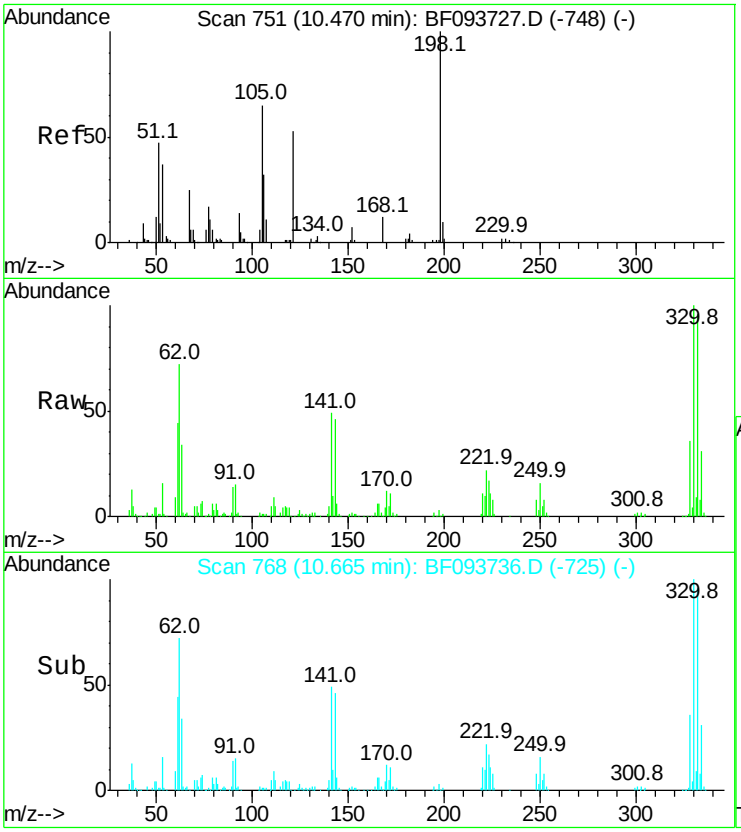


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Tgt Ion:188 Resp: 714895

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.4	14.2#
80	8.5	10.2	15.2#



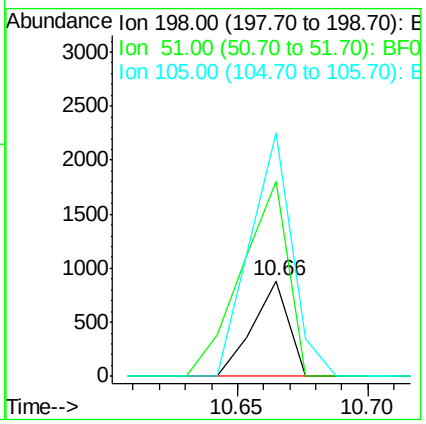


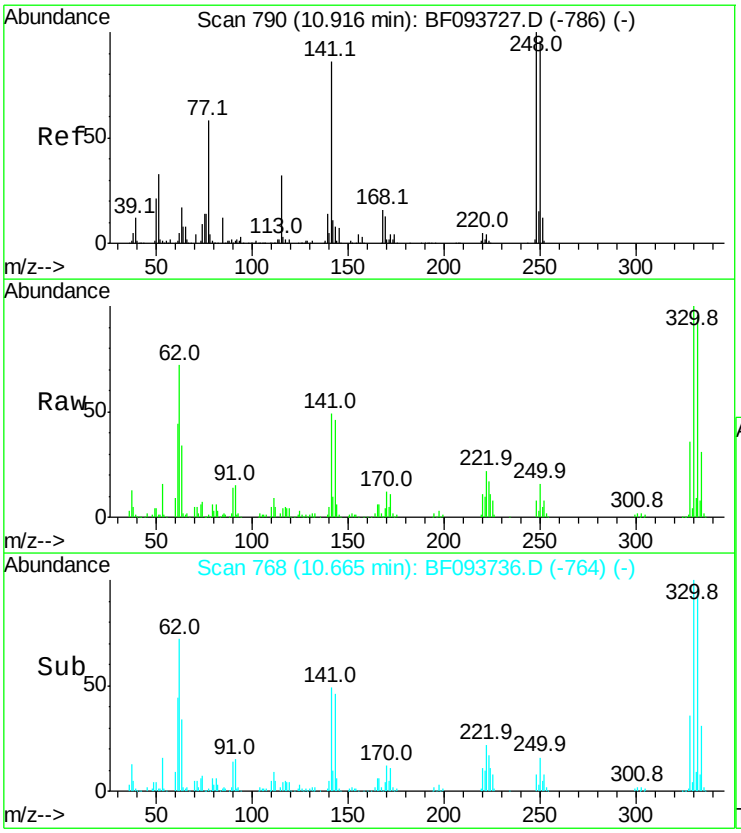
#64
4,6-Dinitro-2-methylphenol
Concen: 4.13 ng
RT: 10.66 min Scan# 768
Delta R.T. 0.19 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Instrument :
BNA_F
ClientSampleId :
PB97625BL

Tgt Ion:198 Resp: 854

Ion	Ratio	Lower	Upper
198	100		
51	203.7	53.2	93.2#
105	255.0	45.8	85.8#

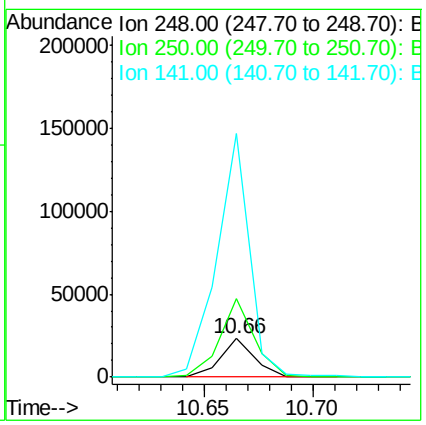


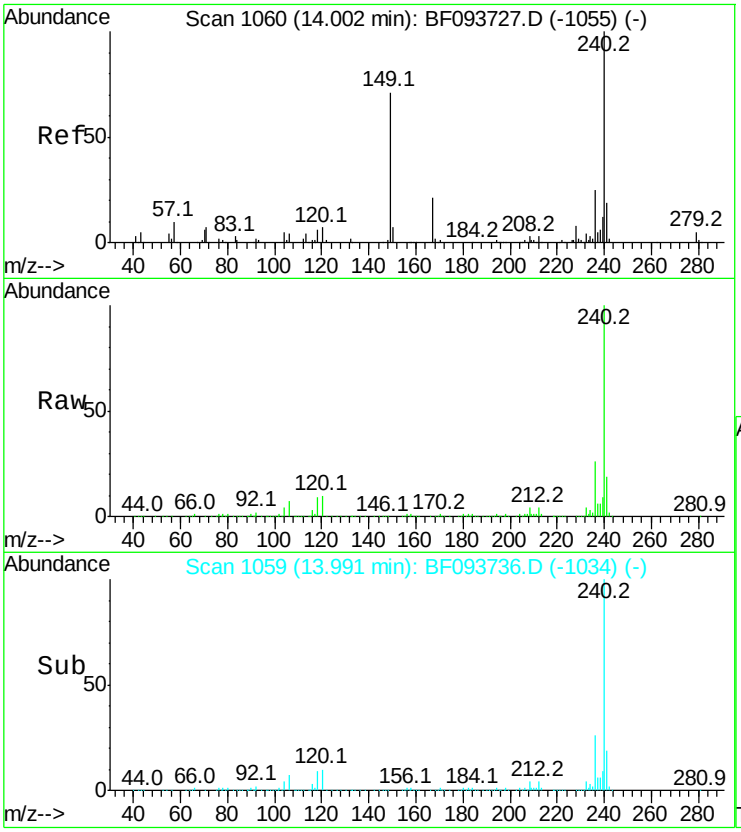


#66
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.25 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Tgt Ion:248 Resp: 24962

Ion	Ratio	Lower	Upper
248	100		
250	205.0	76.8	115.2#
141	631.6	68.6	103.0#



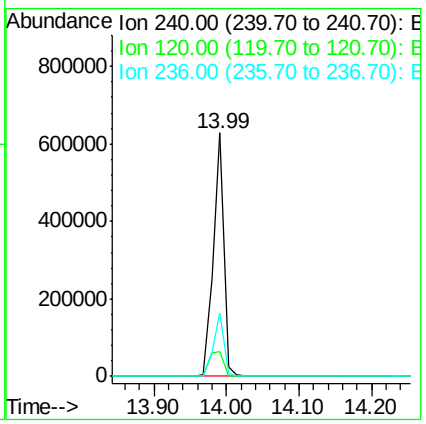


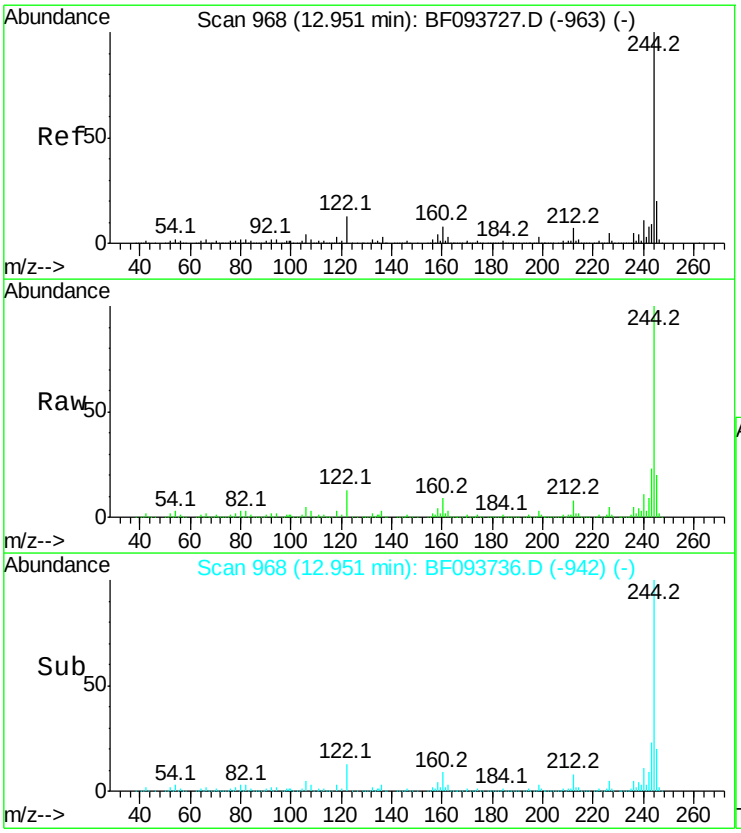
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Instrument :
BNA_F
ClientSampleId :
PB97625BL

Tgt Ion:240 Resp: 631834

Ion	Ratio	Lower	Upper
240	100		
120	10.2	5.8	8.8#
236	25.9	20.5	30.7

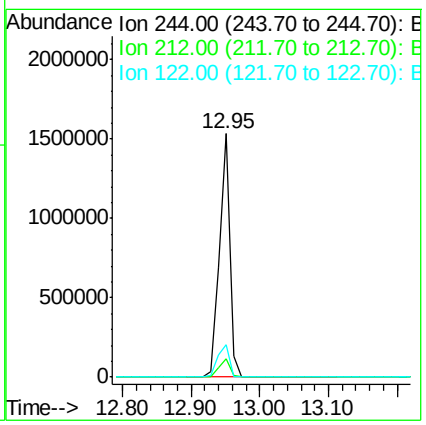


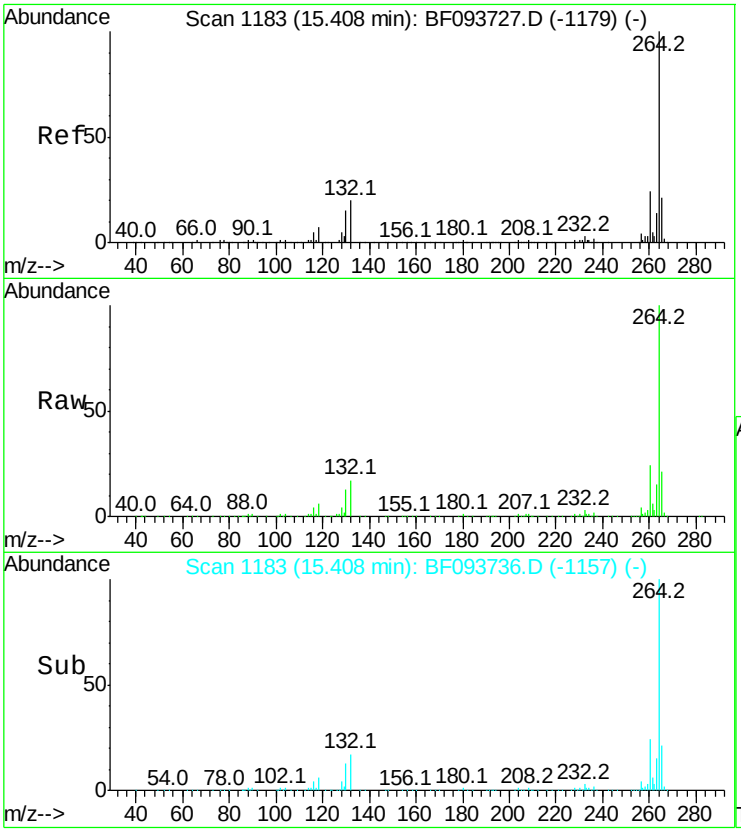


#78
Terphenyl-d14
Concen: 56.18 ng
RT: 12.95 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Tgt Ion:244 Resp: 1649183

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.2	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF093736.D
Acq: 18 Mar 2017 6:54

Instrument :
BNA_F
ClientSampleId :
PB97625BL

Tgt Ion:264 Resp: 516818

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.1	17.2	25.8