Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
Data File : BF092310.D
Acq On : 17 Jan 2017 5:09
Operator : UM/SJ
Sample : I1206-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 011217-DSDC-F-D-M

Quant Time: Jan 17 05:55:32 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	160211	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	673556	20.00	ng		-0.01
38) Acenaphthene-d10	9.59	164	324773	20.00	ng		-0.01
63) Phenanthrene-d10	11.07	188	592532	20.00	ng		-0.01
75) Chrysene-d12	13.70	240	382924	20.00	ng		-0.01
86) Perylene-d12	15.05	264	414108	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	393214	40.98	ng		0.00
7) Phenol-d6	6.23	99	293865	25.09	ng		0.00
23) Nitrobenzene-d5	7.14	82	1135938	93.78	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	234511	87.25	ng		-0.01
44) 2-Fluorobiphenyl	8.93	172	1771852	116.57	ng		0.00
78) Terphenyl-d14	12.66	244	1458477	92.37	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.14	70	150297	19.28	ng	#	76
25) Isophorone	7.14	82	1135923	50.83	ng	#	65
37) 2-Methylnaphthalene	8.56	142	981	Below Cal		#	89
49) Dimethylphthalate	9.33	163	49923	2.40	ng		99
50) 2,6-Dinitrotoluene	9.59	165	42029	9.24	ng	#	30
56) 2,4-Dinitrotoluene	9.59	165	42029	7.37	ng	#	19
66) 4-Bromophenyl-phenylether	10.38	248	14584	2.37	ng	#	1
71) Anthracene	11.15	178	3581	Below Cal			97
73) Di-n-butylphthalate	11.65	149	11011	Below Cal		#	95
74) Fluoranthene	12.28	202	4009	Below Cal			95

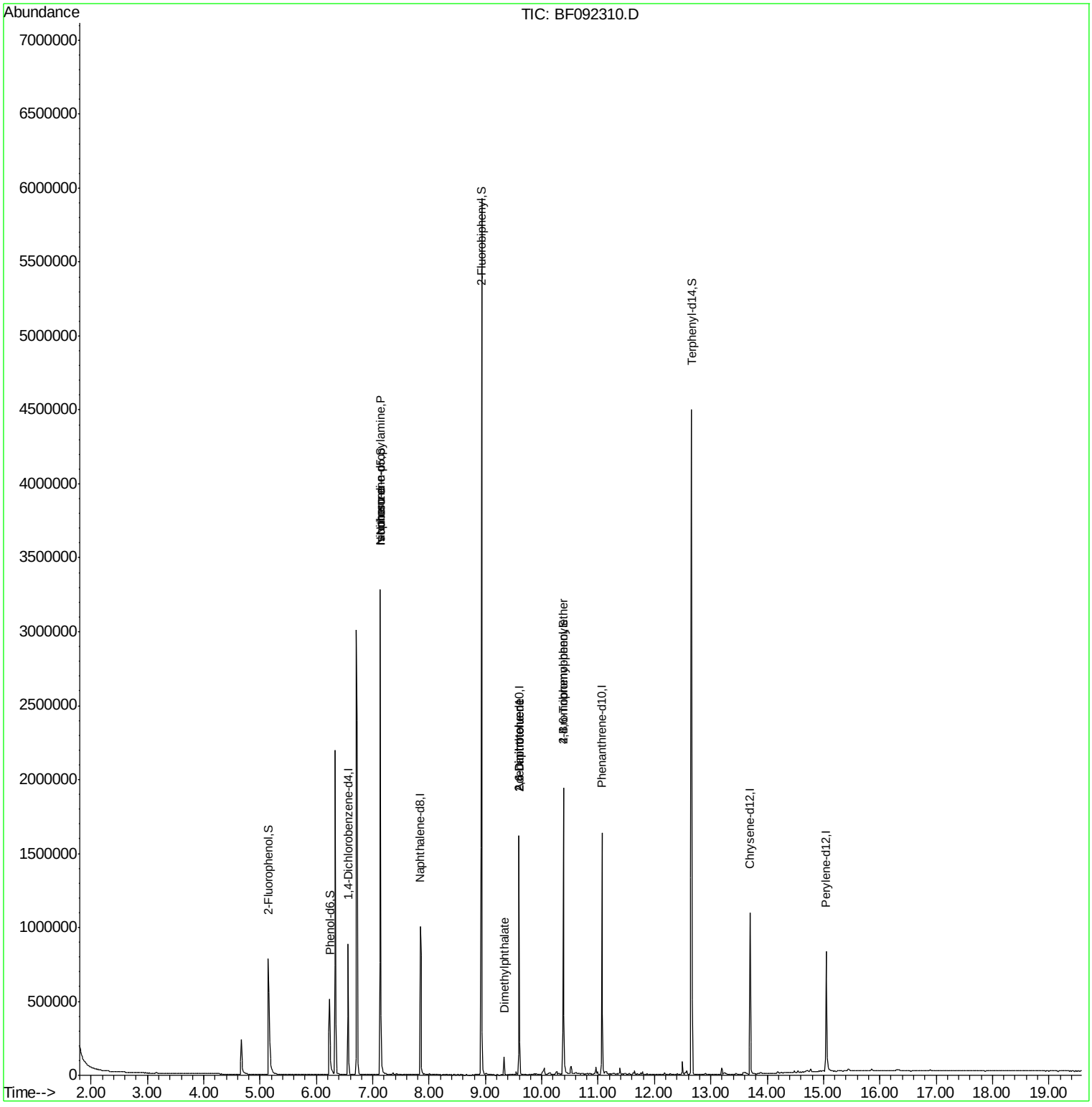
(#) = qualifier out of range (m) = manual integration (+) = signals summed

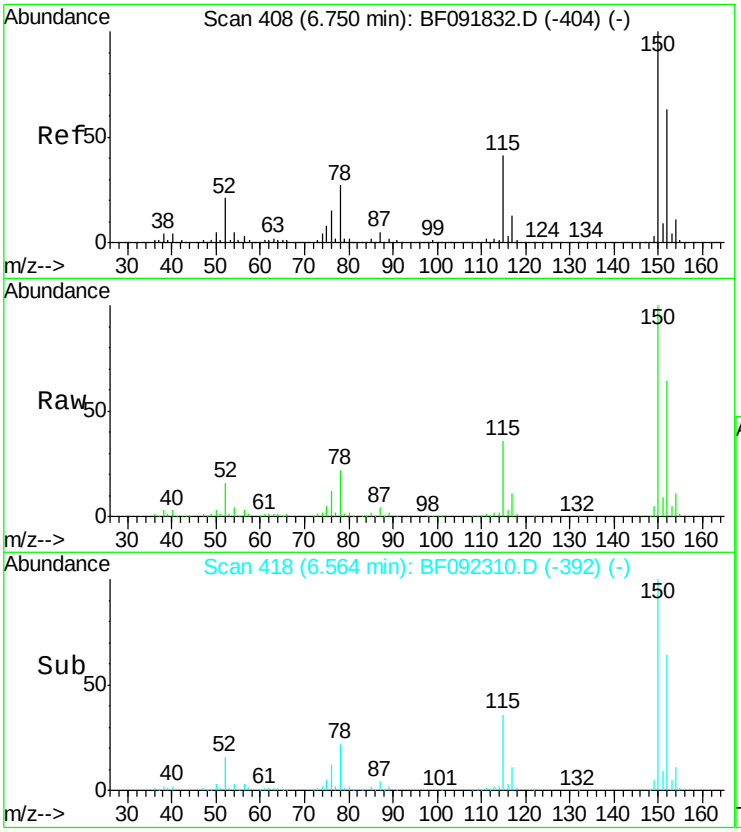
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
Data File : BF092310.D
Acq On : 17 Jan 2017 5:09
Operator : UM/SJ
Sample : I1206-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-D-M

Quant Time: Jan 17 05:55:32 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration



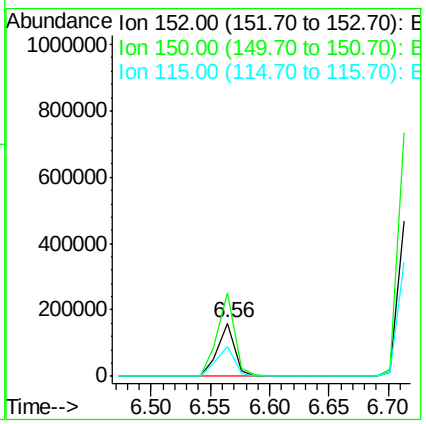


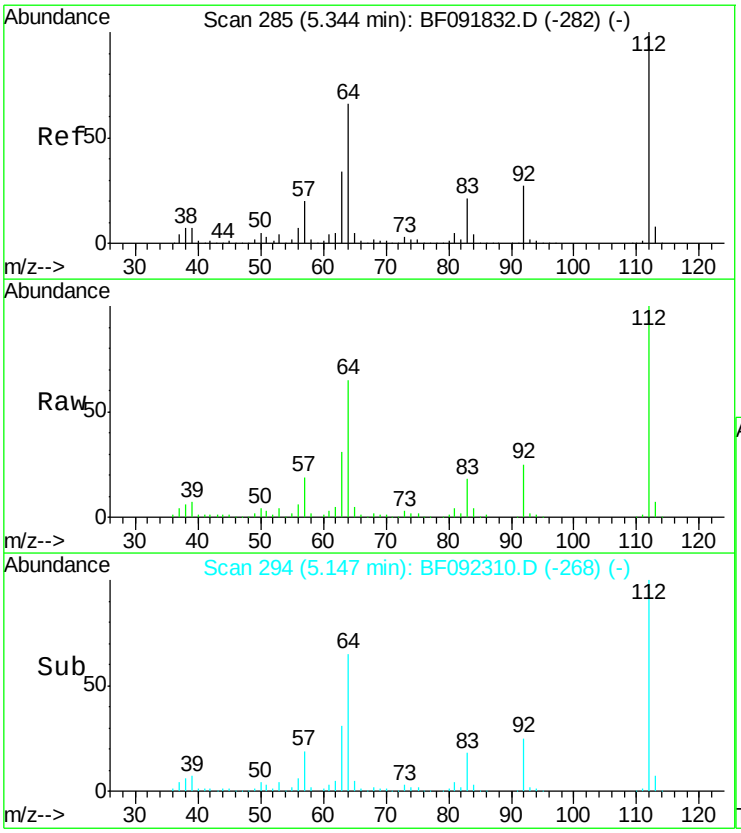
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-D-M

Tgt Ion:152 Resp: 160211

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.9	187.3
115	55.9	46.0	69.0

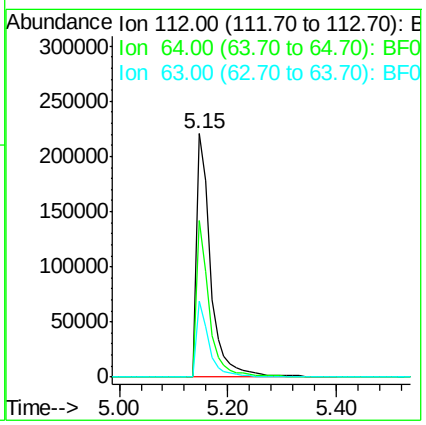


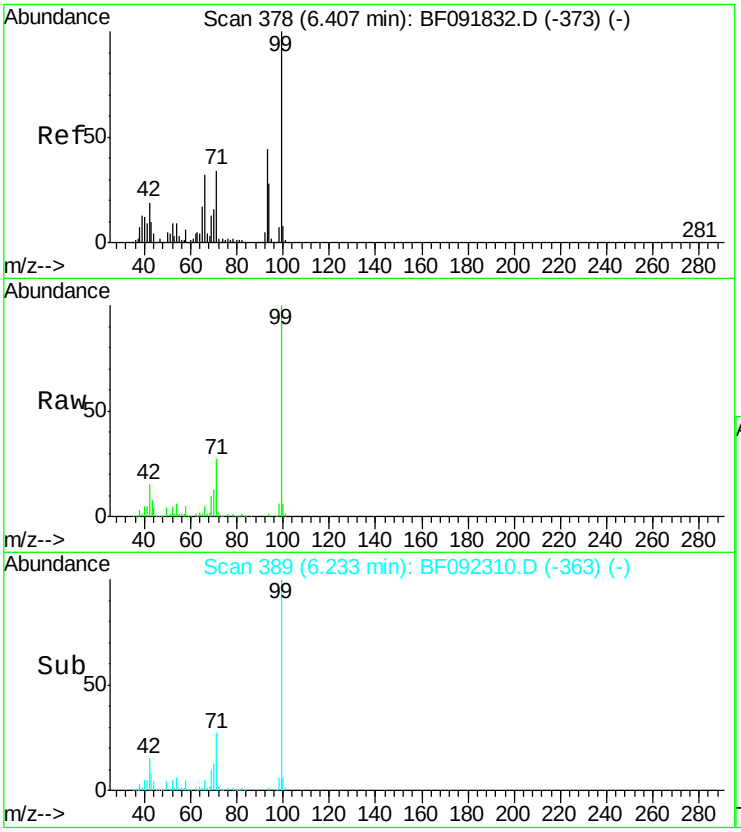


#5
2-Fluorophenol
Concen: 40.98 ng
RT: 5.15 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Tgt Ion:112 Resp: 393214

Ion	Ratio	Lower	Upper
112	100		
64	64.5	46.1	69.1
63	31.2	23.8	35.6



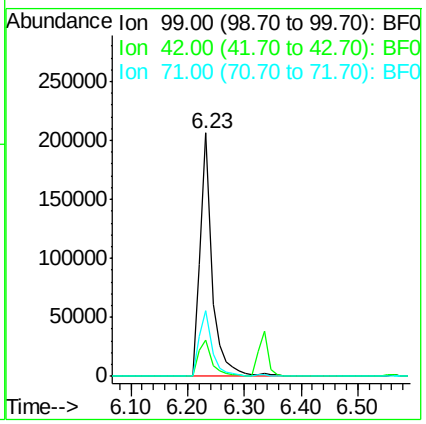


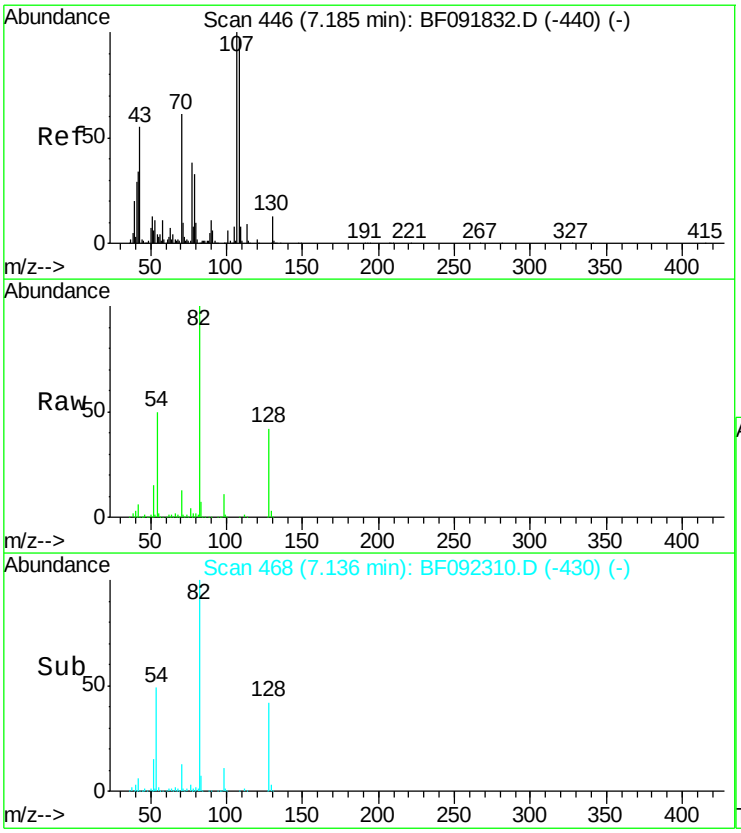
#7
Phenol-d6
Concen: 25.09 ng
RT: 6.23 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-D-M

Tgt Ion: 99 Resp: 293865

Ion	Ratio	Lower	Upper
99	100		
42	14.7	15.6	23.4#
71	27.0	27.5	41.3#

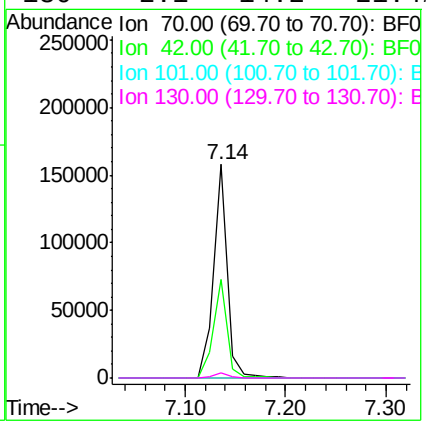


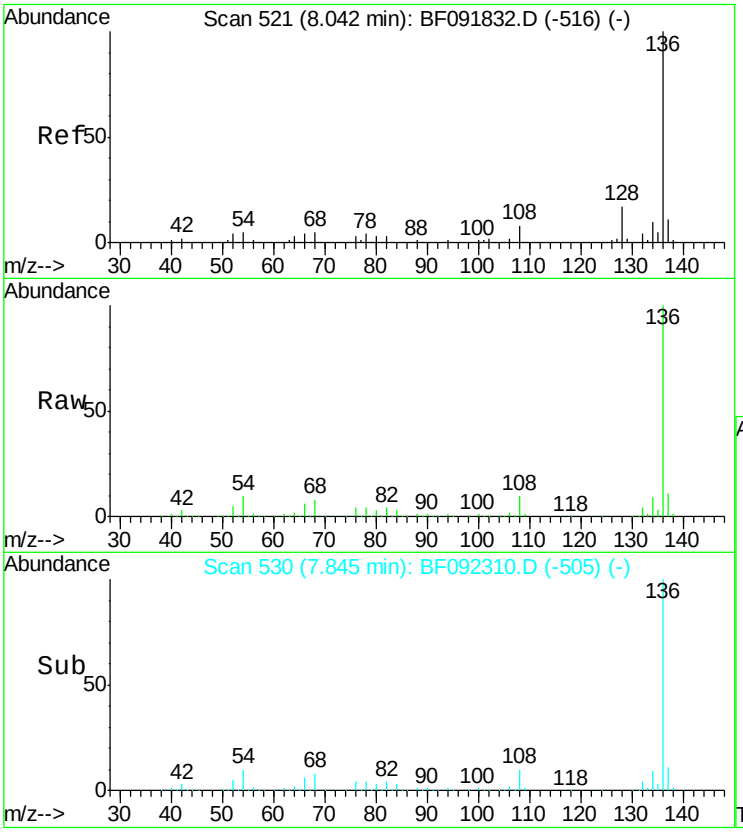


#19
n-Nitroso-di-n-propylamine
Concen: 19.28 ng
RT: 7.14 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Tgt Ion: 70 Resp: 150297

Ion	Ratio	Lower	Upper
70	100		
42	46.4	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



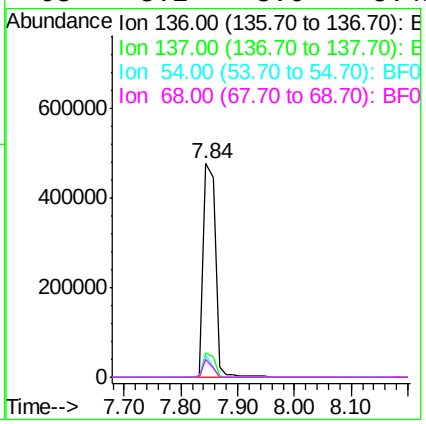


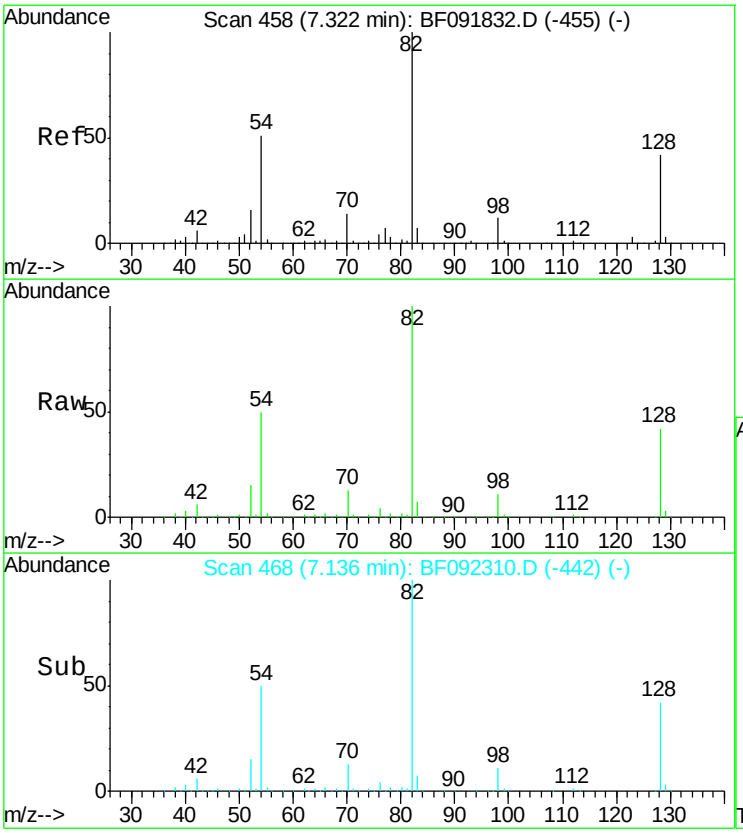
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-D-M

Tgt Ion:136 Resp: 673556

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	10.3	4.5	6.7#
68	8.2	3.6	5.4#

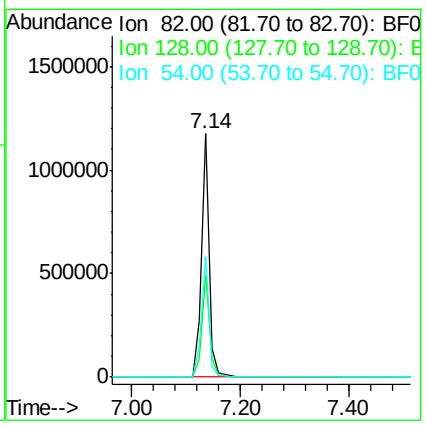


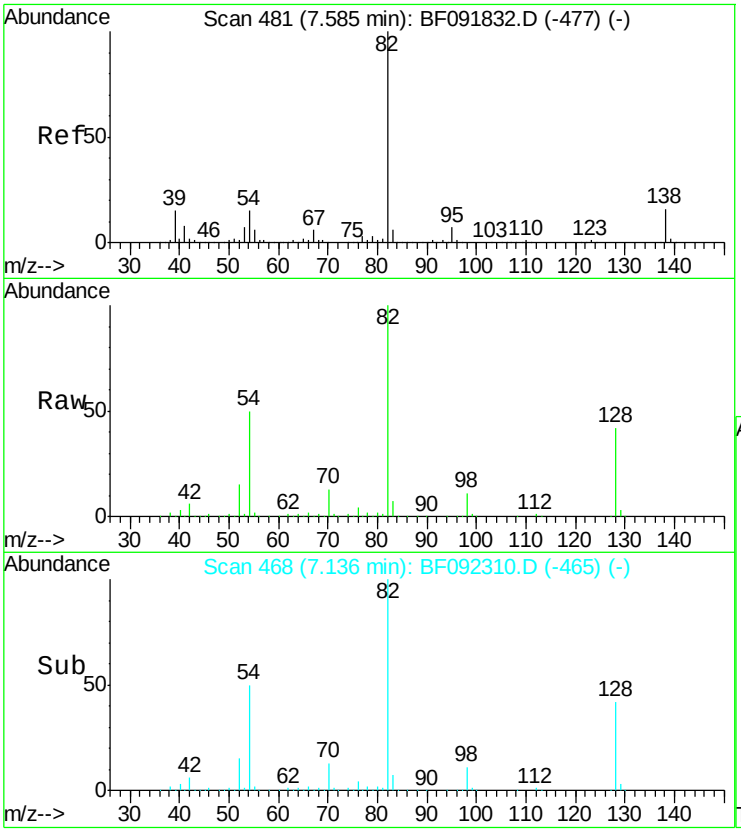


#23
Nitrobenzene-d5
Concen: 93.78 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Tgt Ion: 82 Resp: 1135938

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	49.6	39.5	59.3



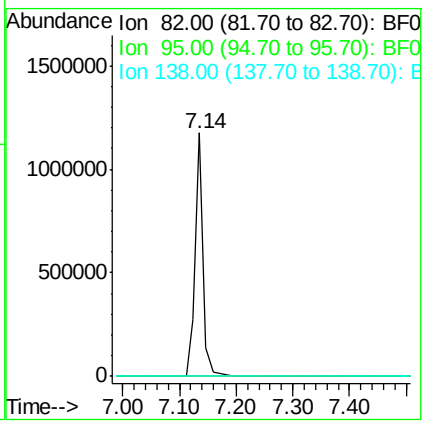


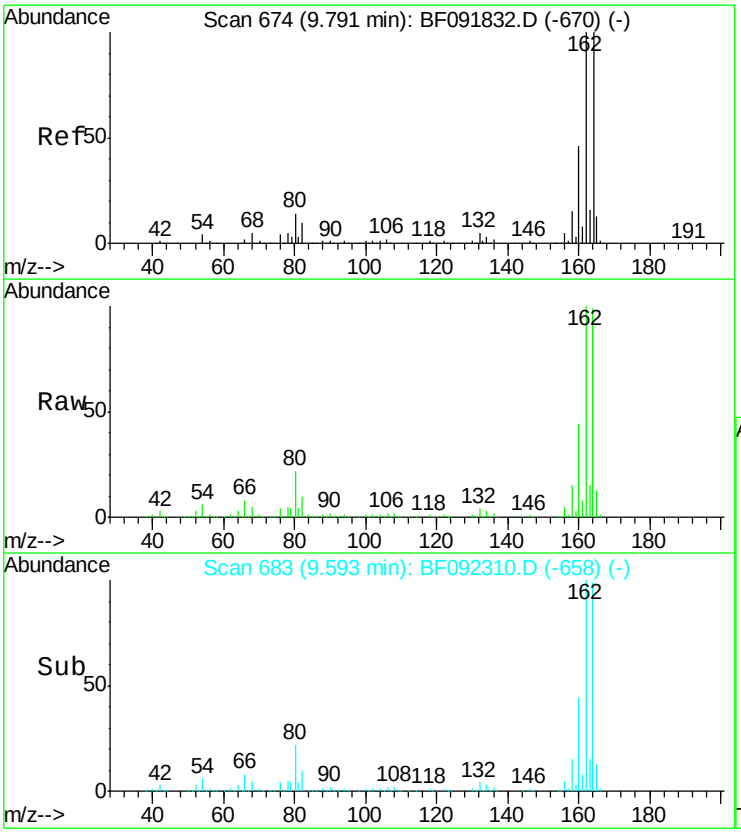
#25
Isophorone
Concen: 50.83 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.26 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-D-M

Tgt Ion: 82 Resp: 1135923

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

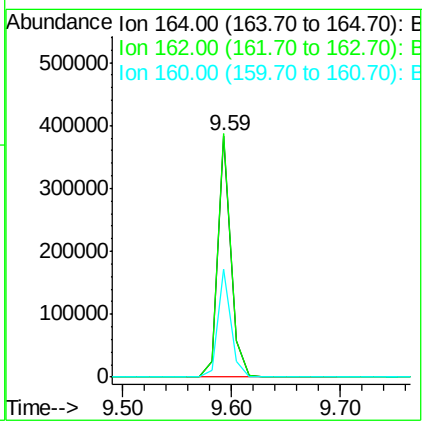


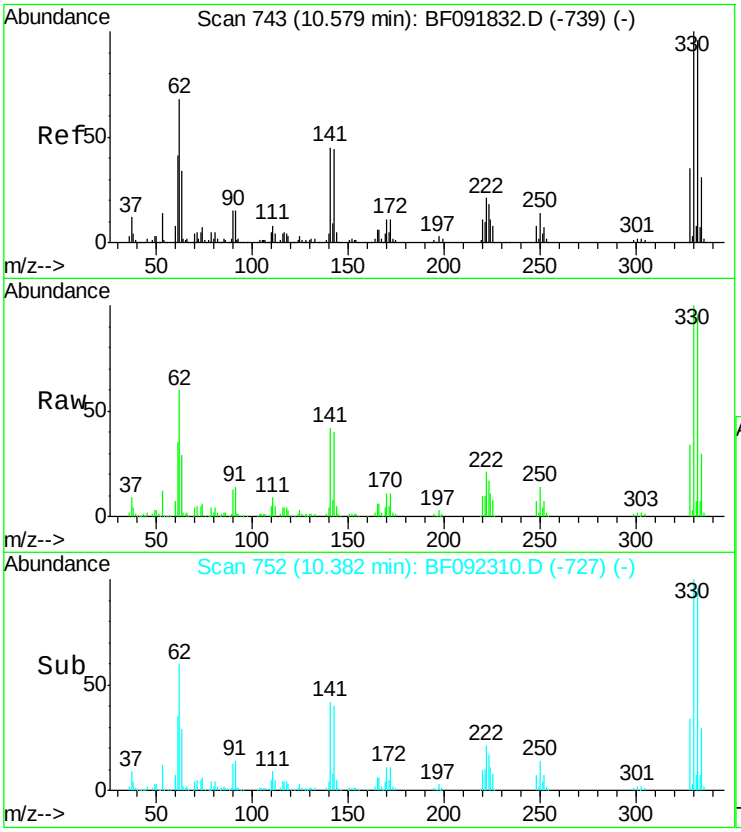


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Tgt Ion:164 Resp: 324773

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	44.9	36.9	55.3



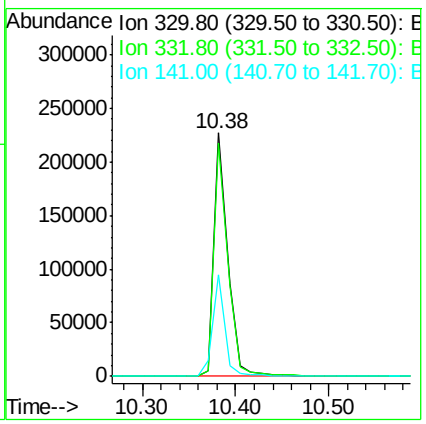


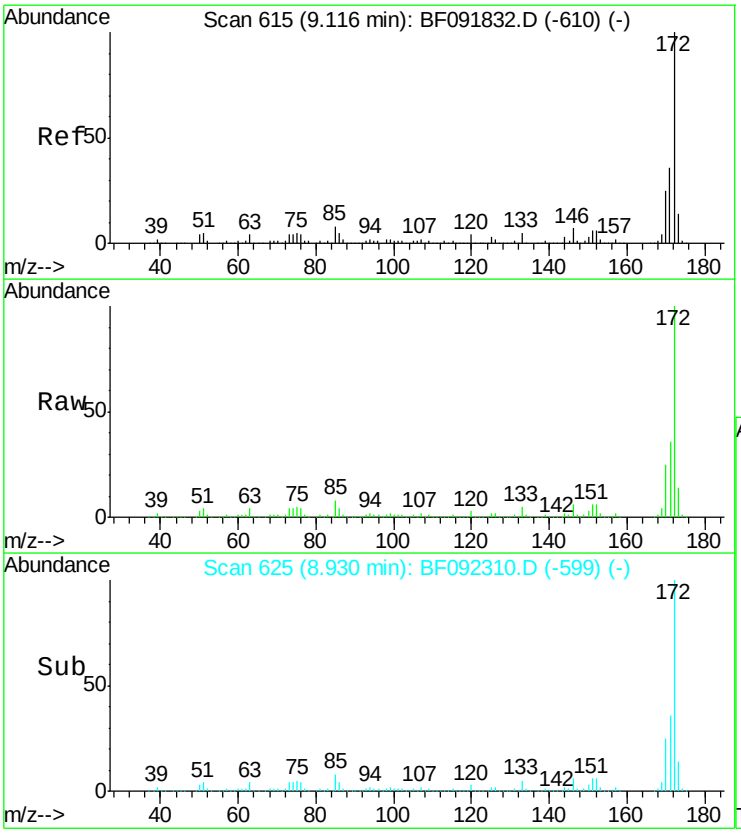
#41
2,4,6-Tribromophenol
Concen: 87.25 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-D-M

Tgt Ion:330 Resp: 234511

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	37.0	34.1	51.1

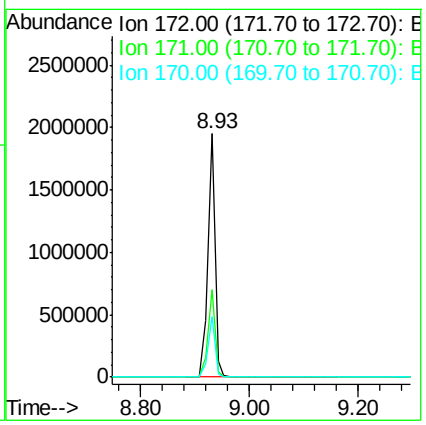


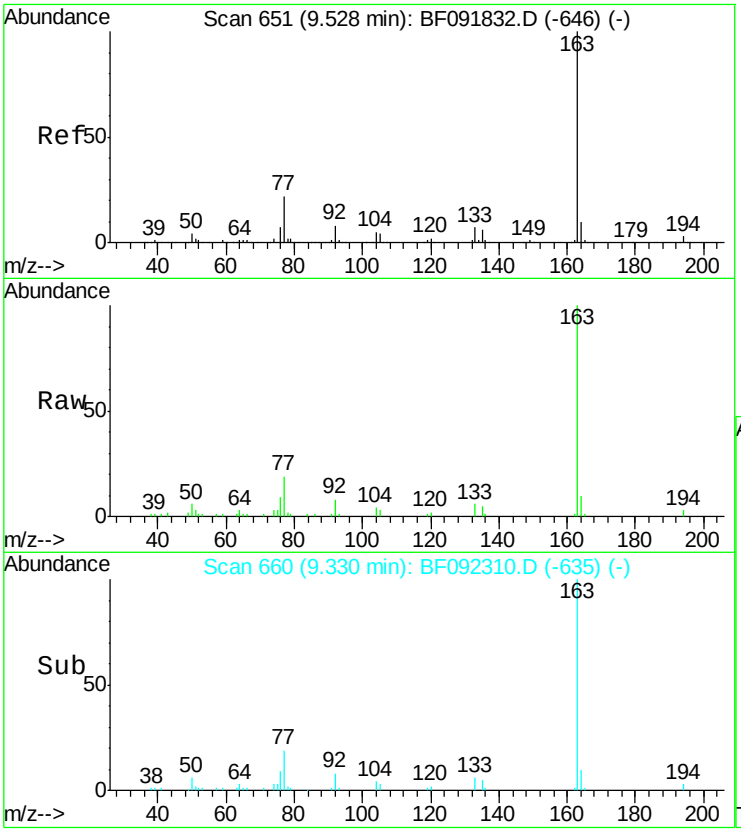


#44
2-Fluorobiphenyl
Concen: 116.57 ng
RT: 8.93 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Tgt Ion:172 Resp: 1771852

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.6	20.2	30.4



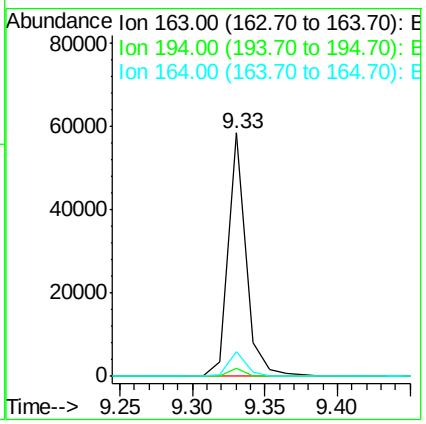


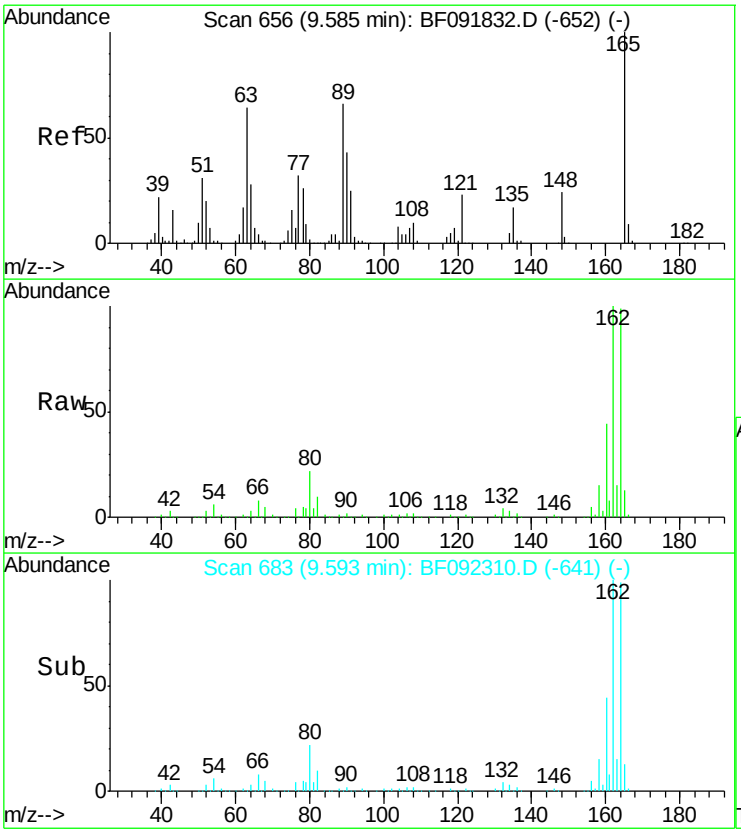
#49
Dimethylphthalate
Concen: 2.40 ng
RT: 9.33 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-D-M

Tgt Ion:163 Resp: 49923

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.1	8.0	12.0

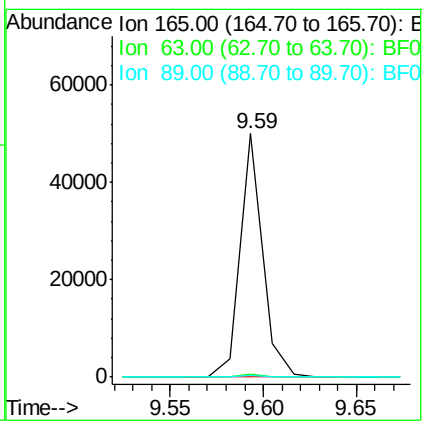


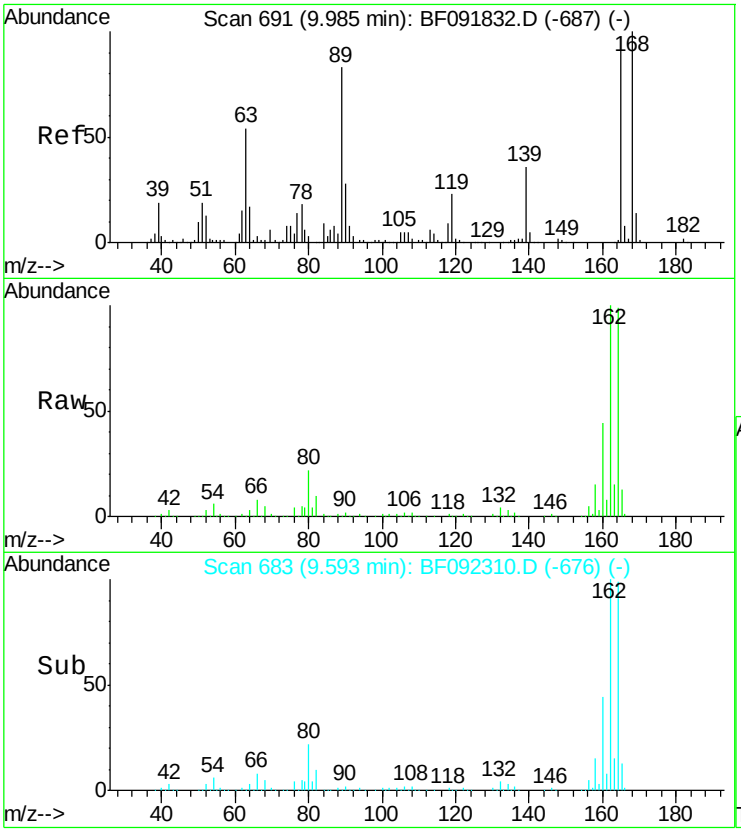


#50
2,6-Dinitrotoluene
Concen: 9.24 ng
RT: 9.59 min Scan# 683
Delta R.T. 0.18 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Tgt Ion:165 Resp: 42029

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	0.7	40.2	60.4#



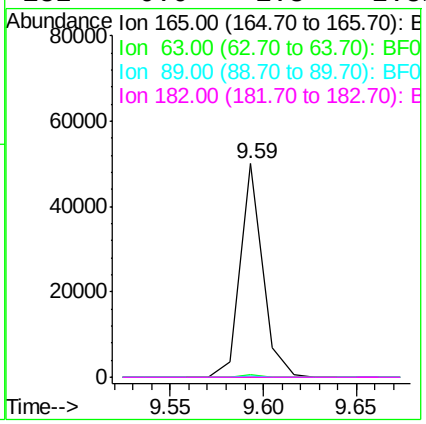


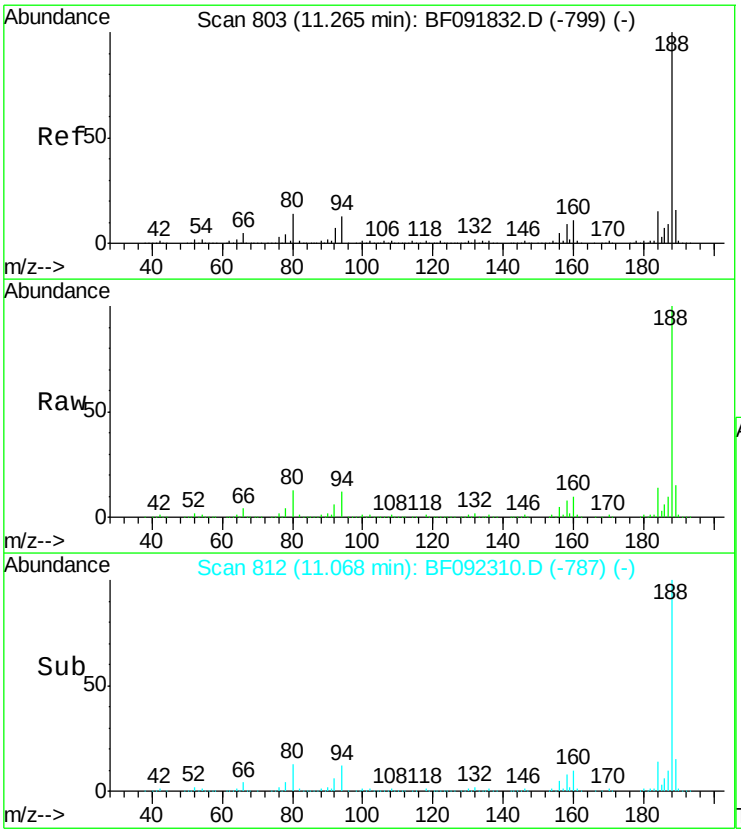
#56
2,4-Dinitrotoluene
Concen: 7.37 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.22 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-D-M

Tgt Ion:165 Resp: 42029

Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	0.7	62.5	93.7#
182	0.0	1.8	2.8#

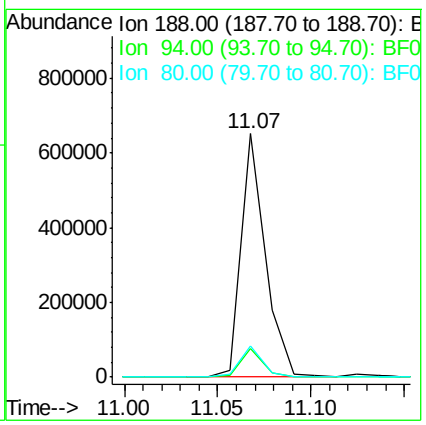


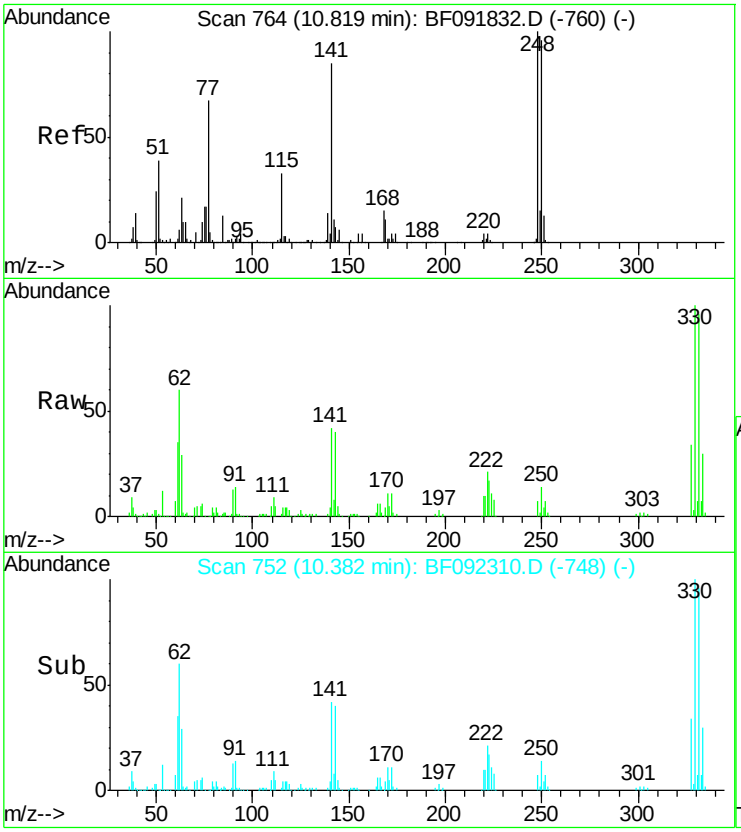


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Tgt Ion:188 Resp: 592532

Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.0	15.0
80	12.9	11.2	16.8



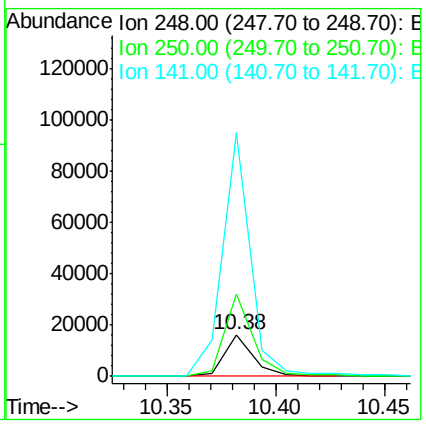


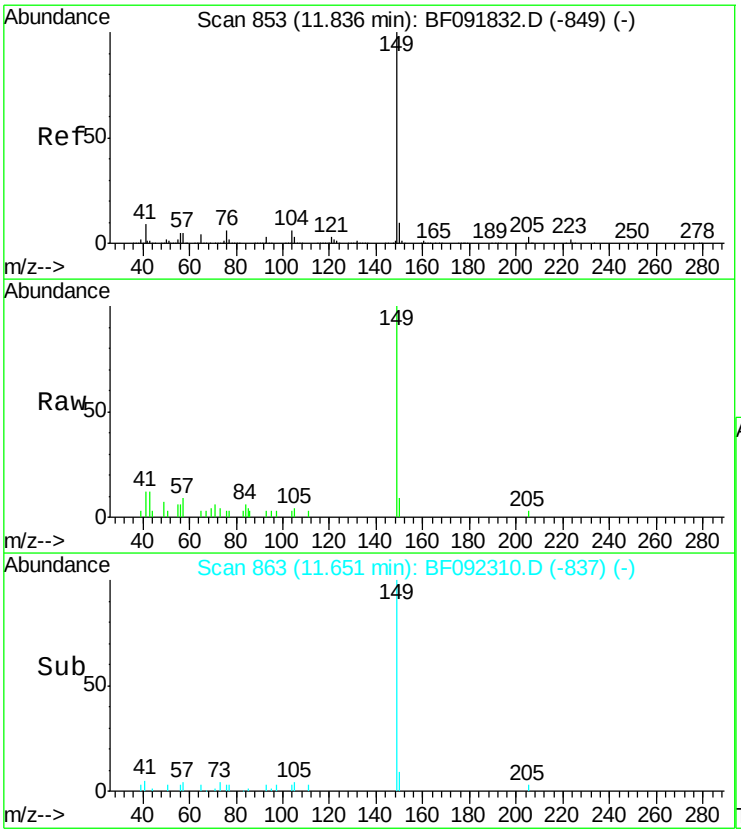
#66
4-Bromophenyl-phenylether
Concen: 2.37 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.25 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-D-M

Tgt Ion:248 Resp: 14584

Ion	Ratio	Lower	Upper
248	100		
250	197.9	76.9	115.3#
141	584.8	68.2	102.4#

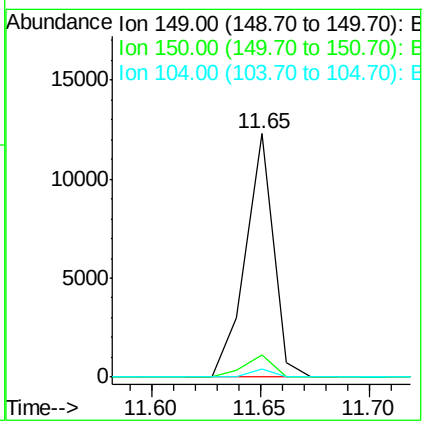


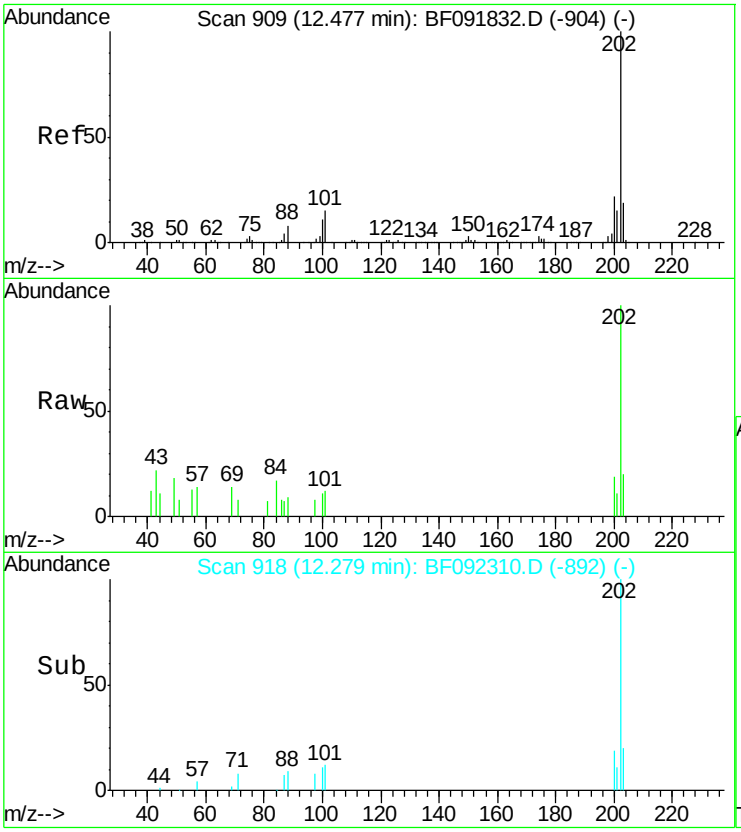


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.65 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Tgt Ion:149 Resp: 11011

Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.1	12.1
104	3.3	4.6	7.0#



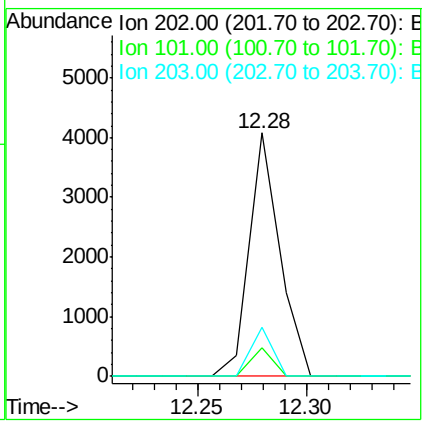


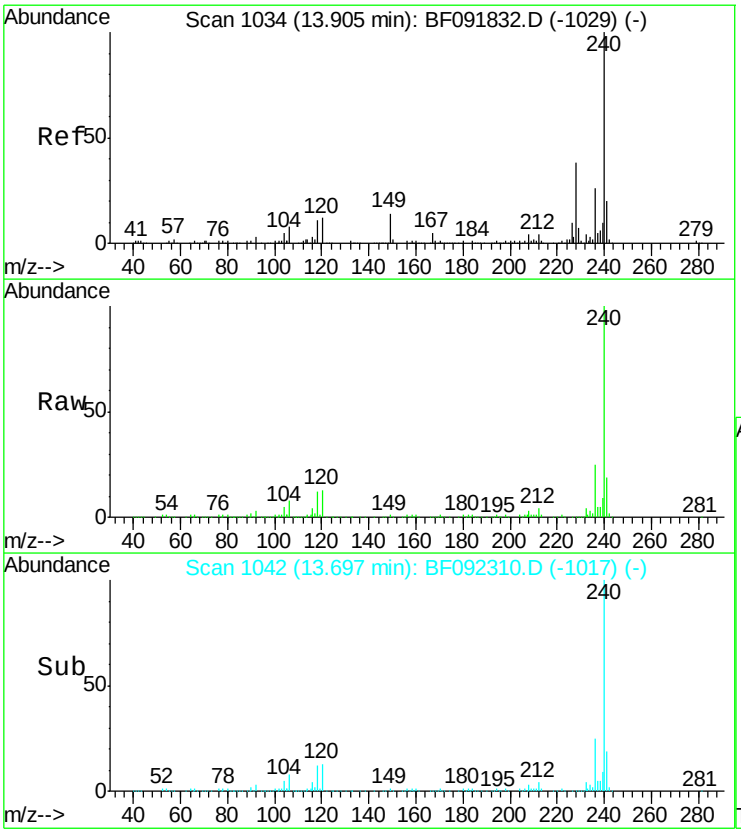
#74
Fluoranthene
Concen: Below Cal
RT: 12.28 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-D-M

Tgt Ion:202 Resp: 4009

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.6
203	20.3	0.0	38.7

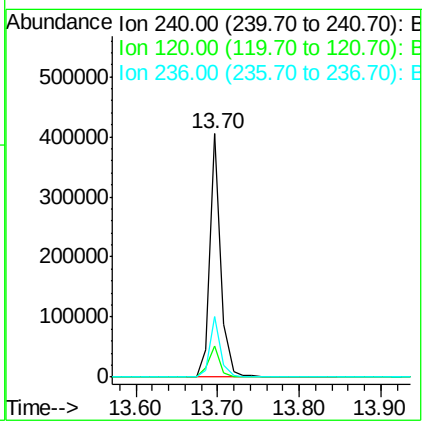


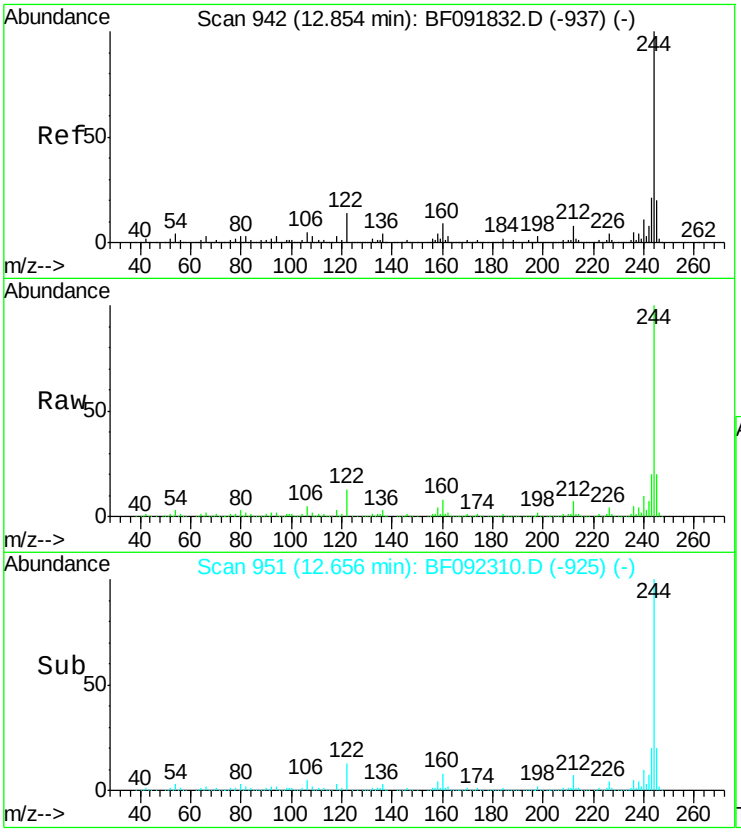


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Tgt Ion:240 Resp: 382924

Ion	Ratio	Lower	Upper
240	100		
120	12.9	12.9	19.3
236	24.8	20.9	31.3



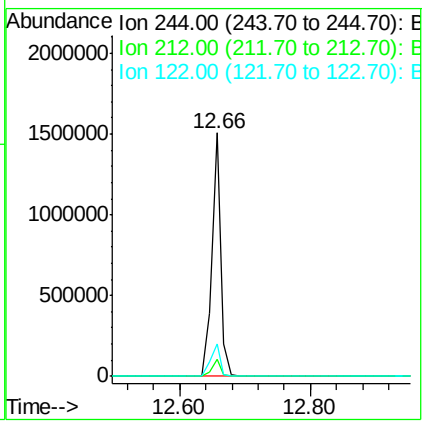


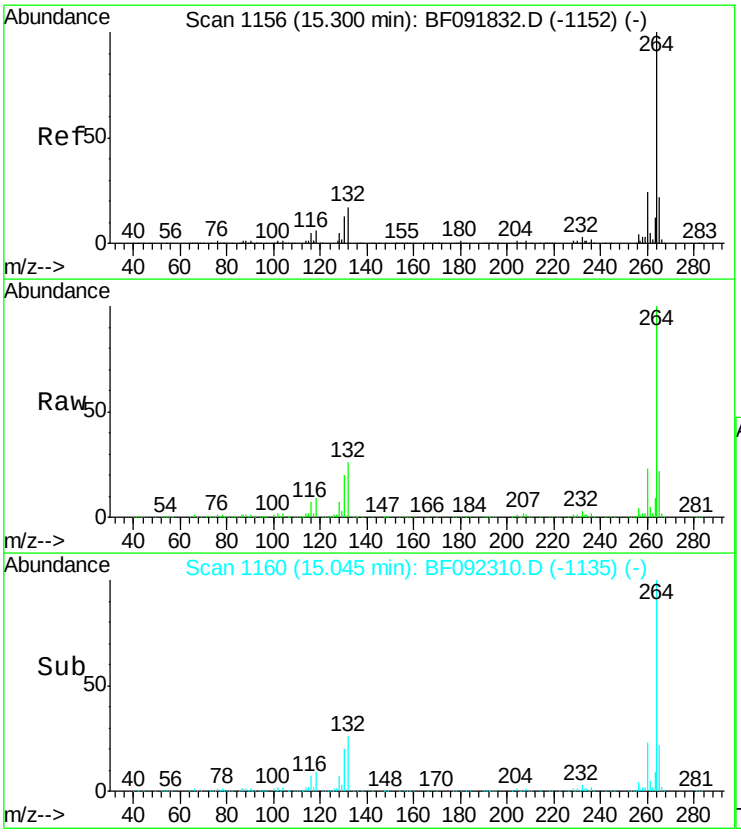
#78
Terphenyl-d14
Concen: 92.37 ng
RT: 12.66 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-D-M

Tgt Ion:244 Resp: 1458477

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	13.3	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Tgt Ion:264 Resp: 414108

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	17.4	26.0