Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
Data File : BF092132.D
Acq On : 6 Jan 2017 22:18
Operator : UM/SJ
Sample : I1045-06 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAP-SP4

Quant Time: Jan 06 23:04:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	153414	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	555489	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	235680	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	359170	20.00	ng		0.00
75) Chrysene-d12	13.79	240	329960	20.00	ng		0.00
86) Perylene-d12	15.16	264	272257	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	134112	14.60	ng		0.02
7) Phenol-d6	6.32	99	148224	13.21	ng		0.01
23) Nitrobenzene-d5	7.21	82	85287	8.54	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	23061	11.82	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	155562	0.74	ng		0.00
78) Terphenyl-d14	12.74	244	120406	8.85	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.74	142	2075	Below Cal			88
50) 2,6-Dinitrotoluene	9.68	165	30608	9.28	ng	#	30
56) 2,4-Dinitrotoluene	9.68	165	30608	7.39	ng	#	19
70) Phenanthrene	11.18	178	43415	2.23	ng		98
71) Anthracene	11.24	178	11441	Below Cal			97
73) Di-n-butylphthalate	11.74	149	940	Below Cal		#	45
76) Benzidine	12.53	184	726	Below Cal		#	1
77) Pyrene	12.37	202	91561	3.78	ng		97
80) Benzo(a)anthracene	13.77	228	41613	2.23	ng	#	84
82) Chrysene	13.77	228	41613	2.23	ng	#	89
87) Benzo(b)fluoranthene	14.79	252	52379	3.09	ng	#	47
88) Benzo(k)fluoranthene	14.79	252	52379	3.62	ng	#	48

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
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Operator : UM/SJ
Sample : I1045-06 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
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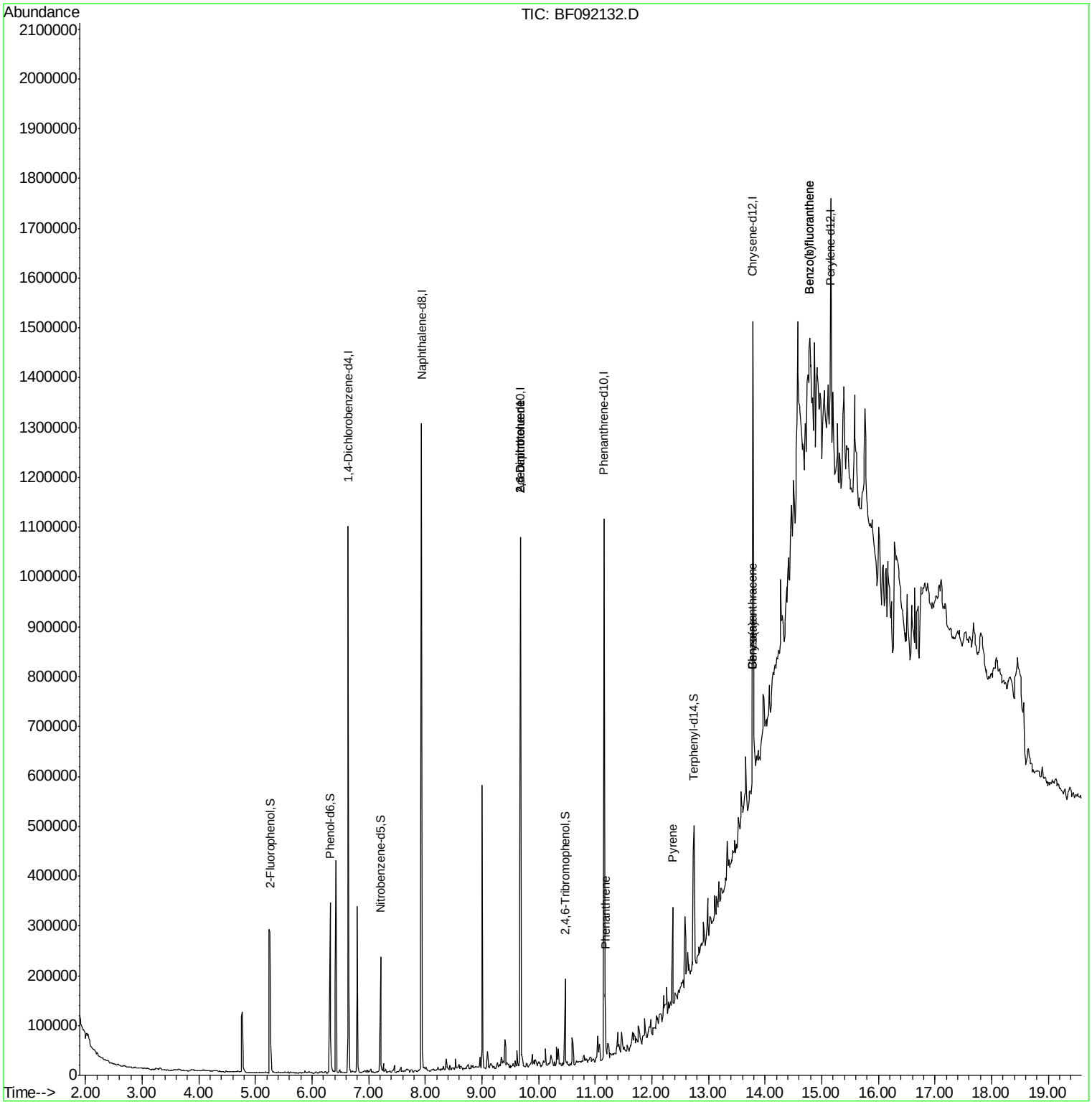
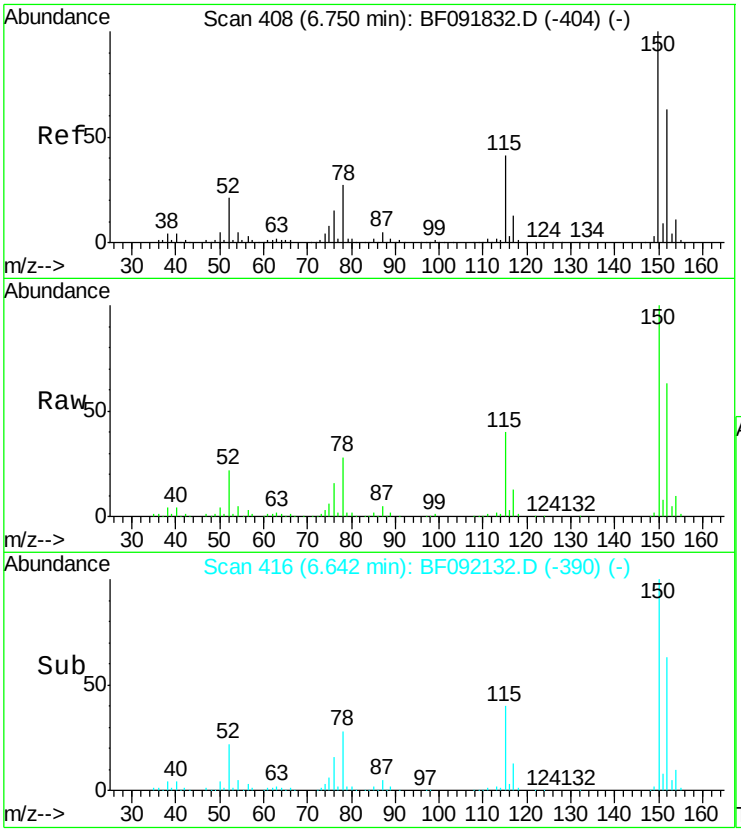


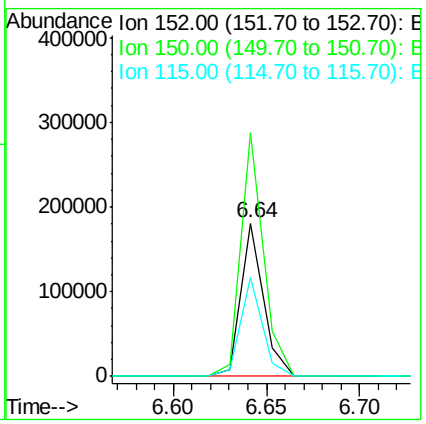


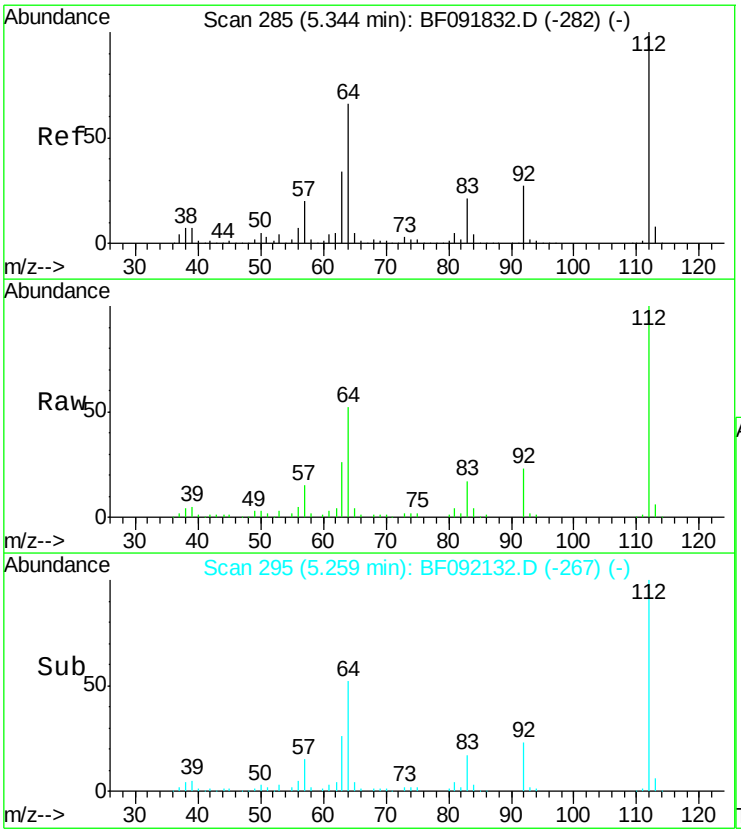
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Tgt Ion:152 Resp: 153414

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.9	187.3
115	64.2	46.0	69.0

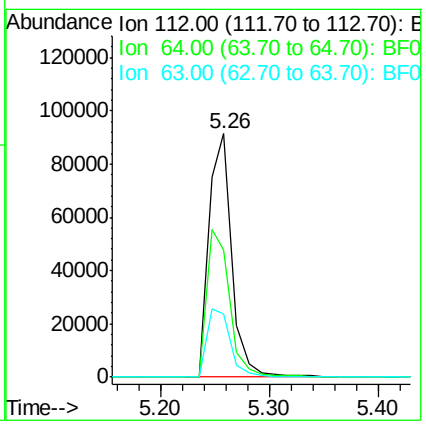


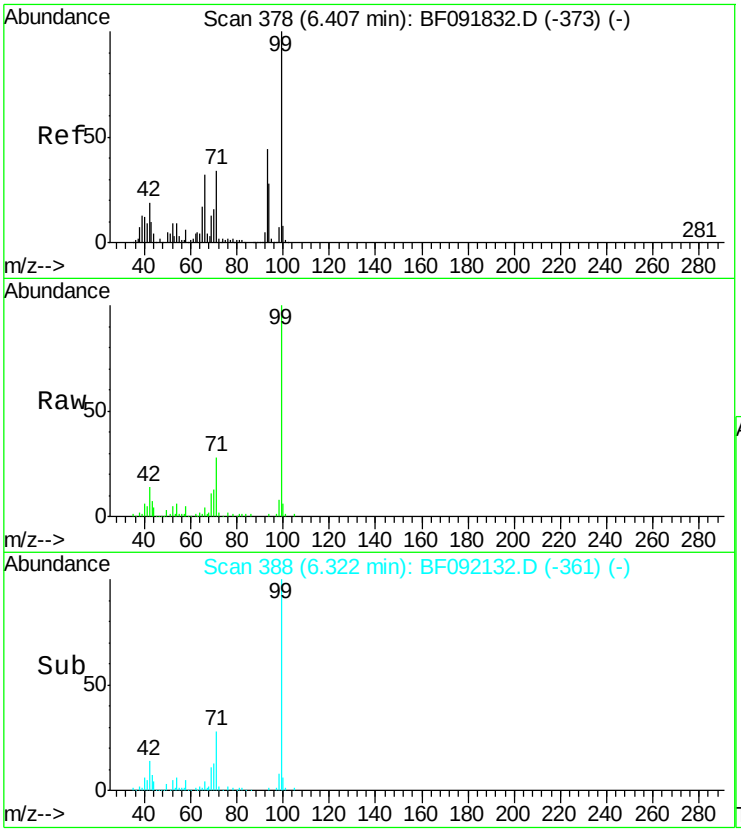


#5
2-Fluorophenol
Concen: 14.60 ng
RT: 5.26 min Scan# 295
Delta R.T. 0.02 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Tgt Ion:112 Resp: 134112

Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.1	69.1
63	25.7	23.8	35.6



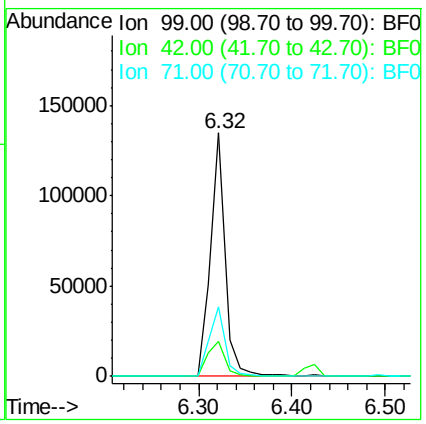


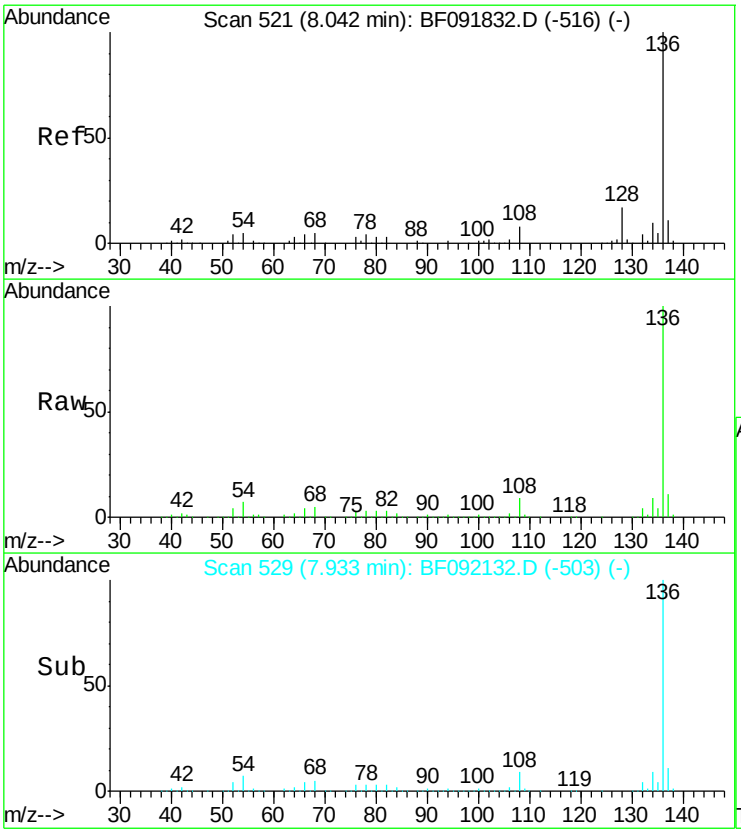
#7
Phenol-d6
Concen: 13.21 ng
RT: 6.32 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Tgt Ion: 99 Resp: 148224

Ion	Ratio	Lower	Upper
99	100		
42	14.5	15.6	23.4#
71	28.4	27.5	41.3

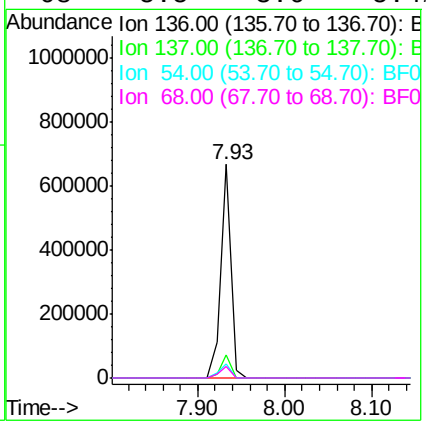


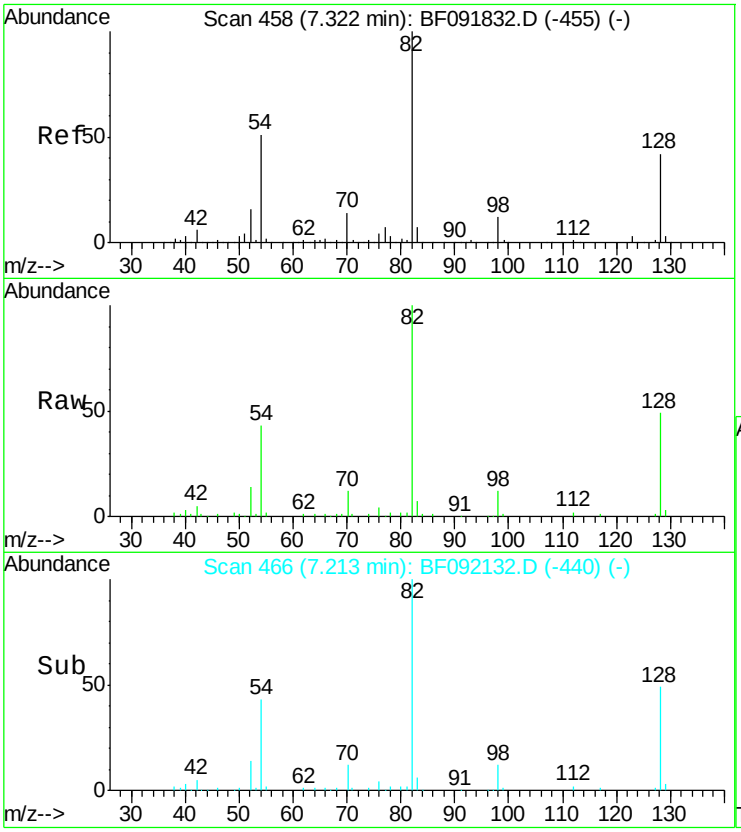


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Tgt Ion:136 Resp: 555489

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.7	4.5	6.7
68	5.5	3.6	5.4#



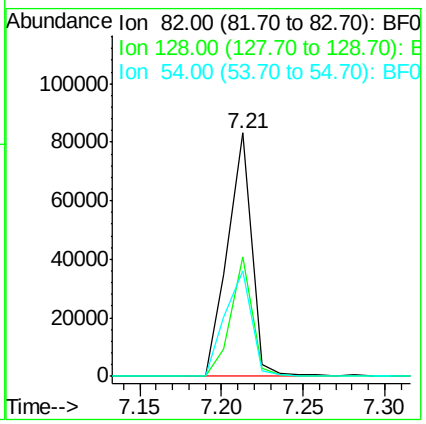


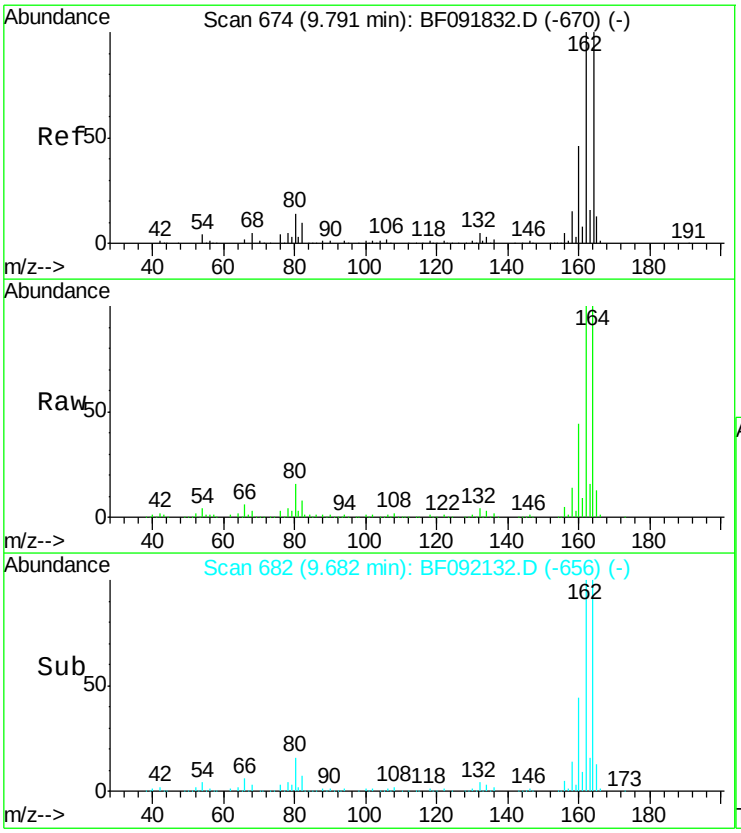
#23
Nitrobenzene-d5
Concen: 8.54 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Tgt Ion: 82 Resp: 85287

Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.6	52.0
54	43.4	39.5	59.3

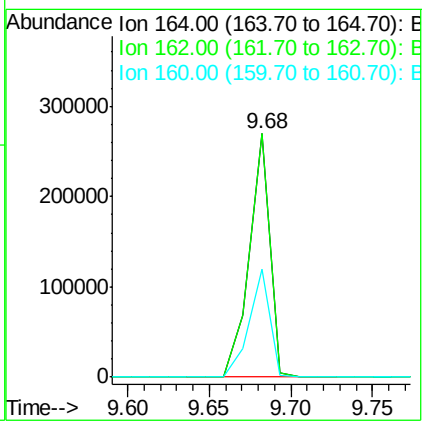


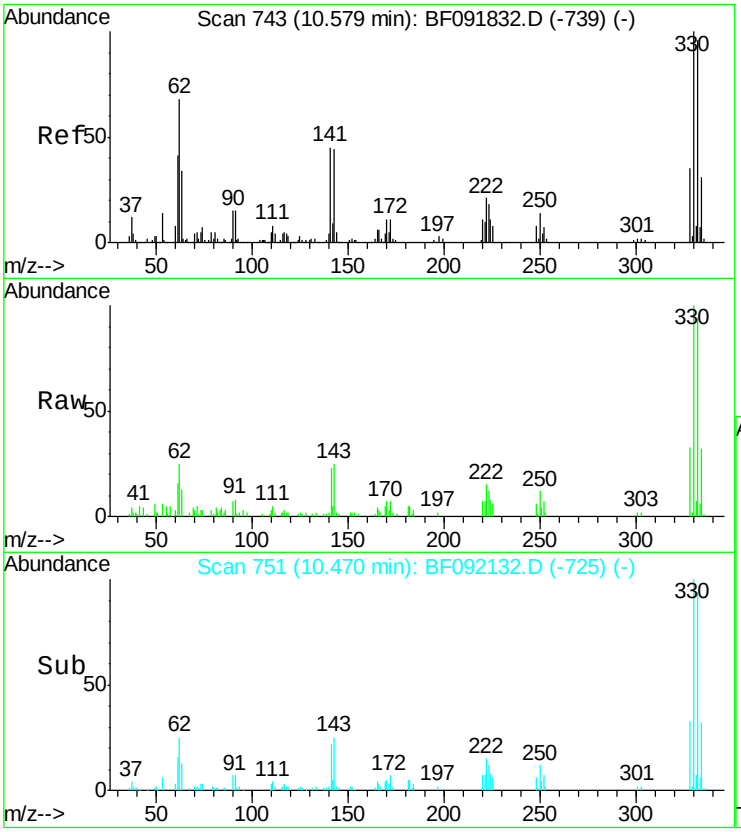


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Tgt Ion:164 Resp: 235680

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	44.2	36.9	55.3



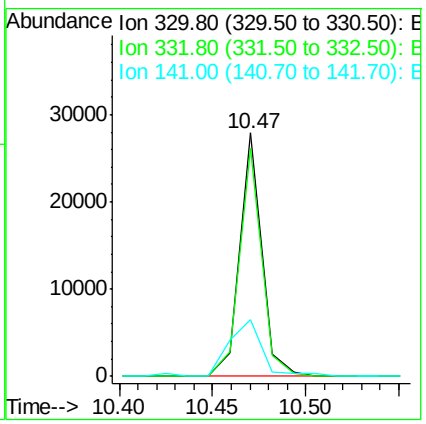


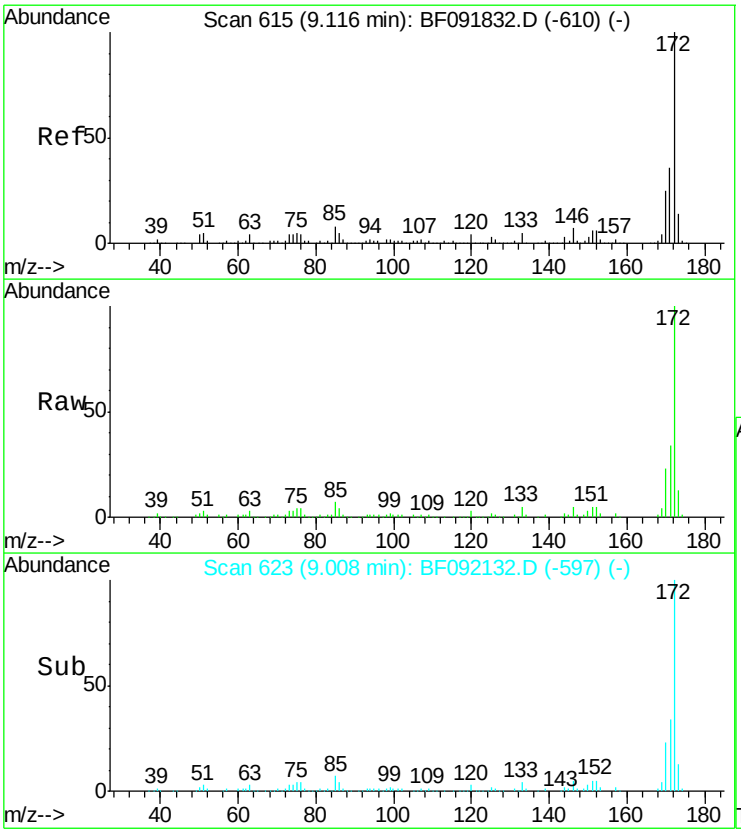
#41
2,4,6-Tribromophenol
Concen: 11.82 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Tgt Ion:330 Resp: 23061

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.4	116.2
141	36.4	34.1	51.1

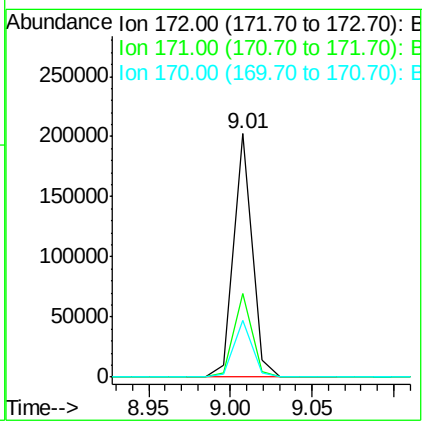


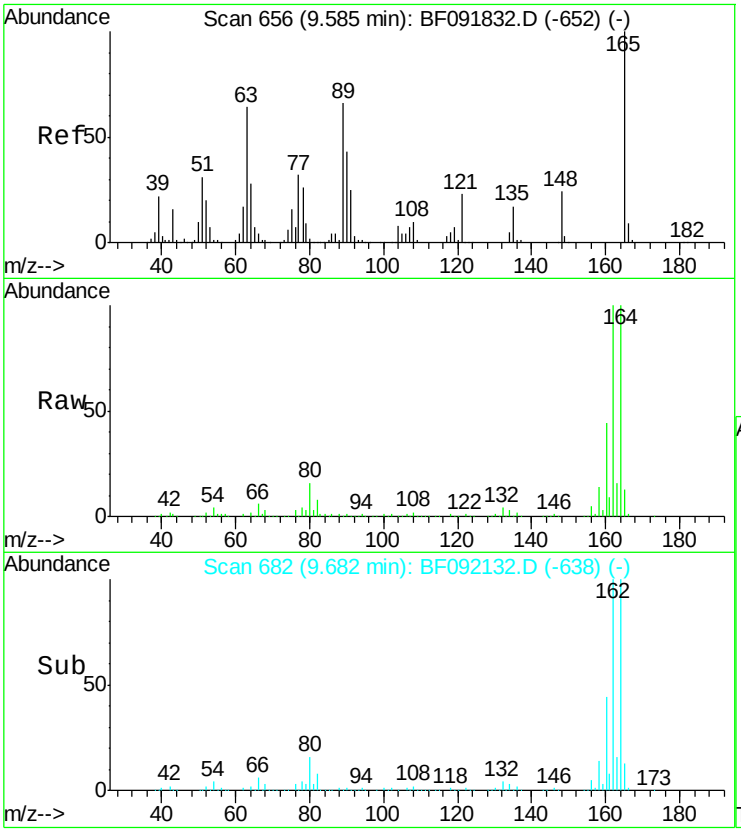


#44
2-Fluorobiphenyl
Concen: 0.74 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Tgt Ion:172 Resp: 155562

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.4	44.0
170	23.2	20.2	30.4



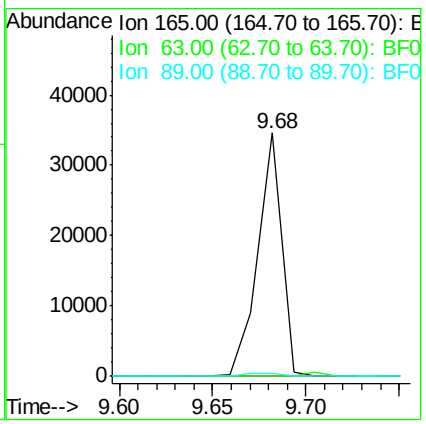


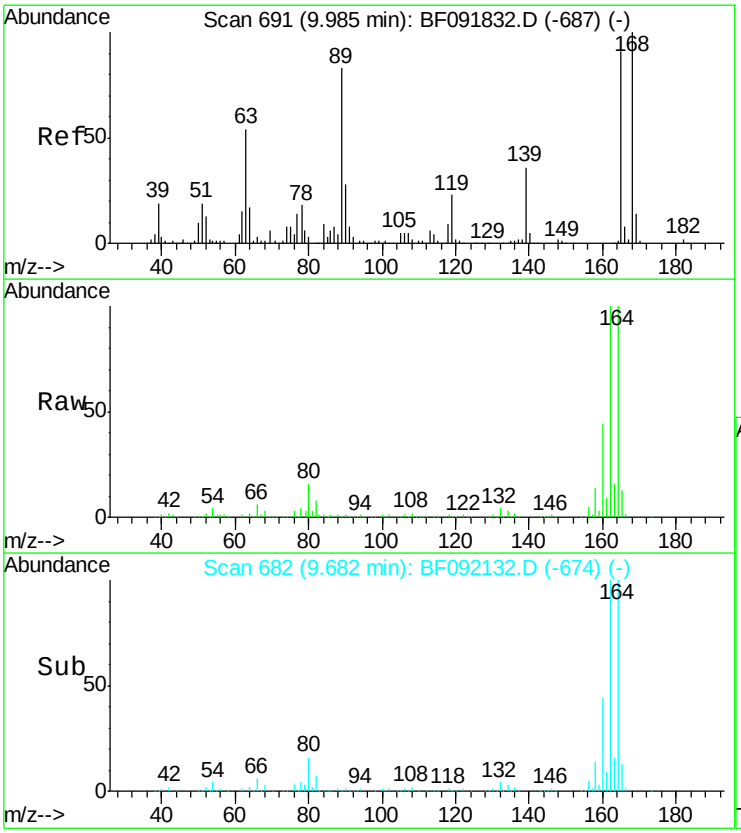
#50
2,6-Dinitrotoluene
Concen: 9.28 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.21 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Tgt Ion:165 Resp: 30608

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	1.1	40.2	60.4#

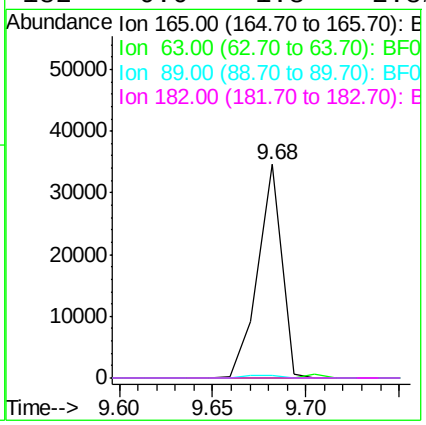


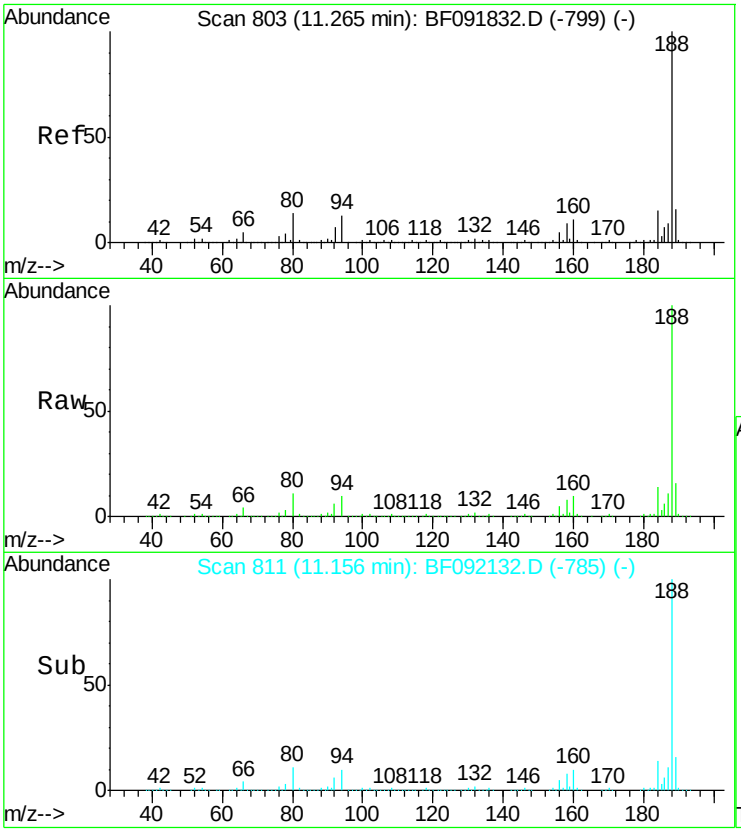


#56
2,4-Dinitrotoluene
Concen: 7.39 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Tgt Ion:165 Resp: 30608

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#



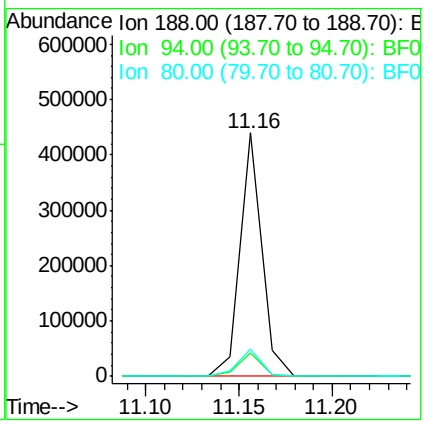


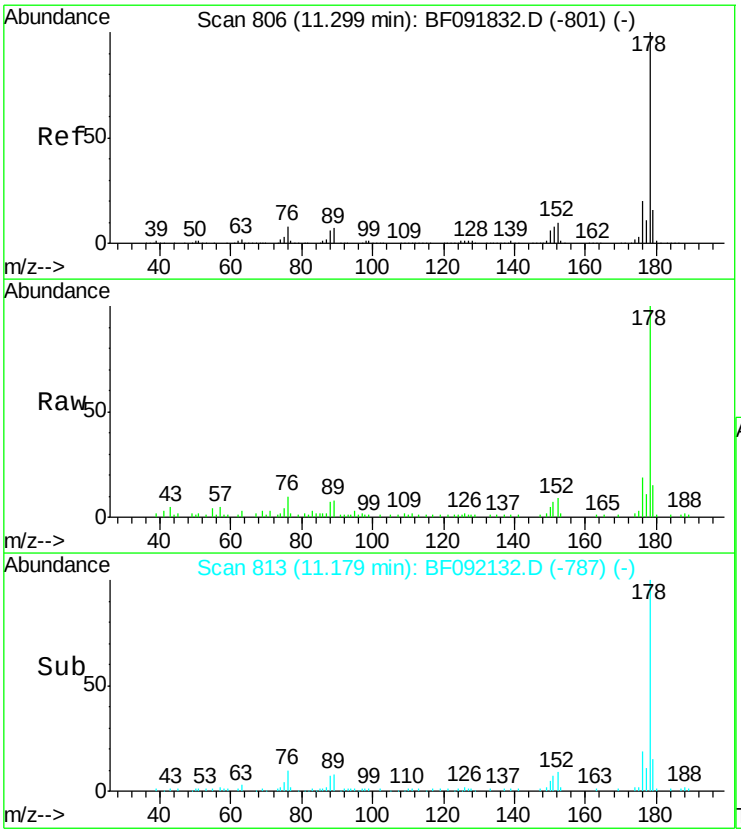
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Tgt Ion:188 Resp: 359170

Ion	Ratio	Lower	Upper
188	100		
94	9.9	10.0	15.0#
80	11.1	11.2	16.8#

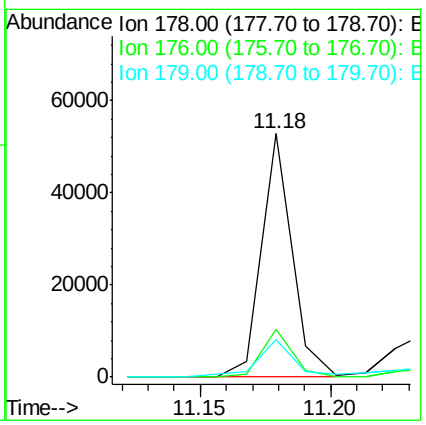


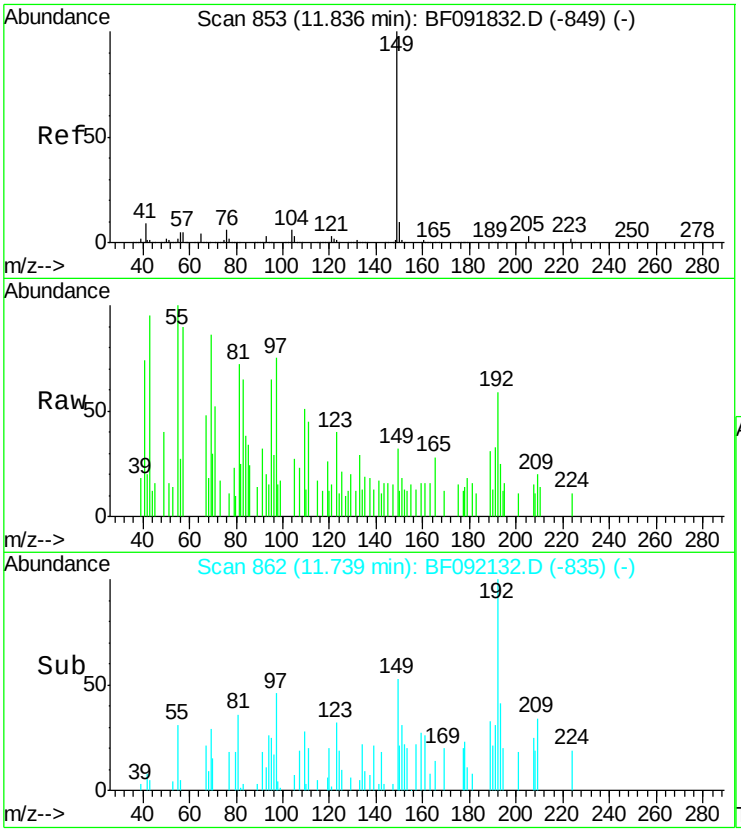


#70
Phenanthrene
Concen: 2.23 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Tgt Ion:178 Resp: 43415

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	15.4	12.8	19.2



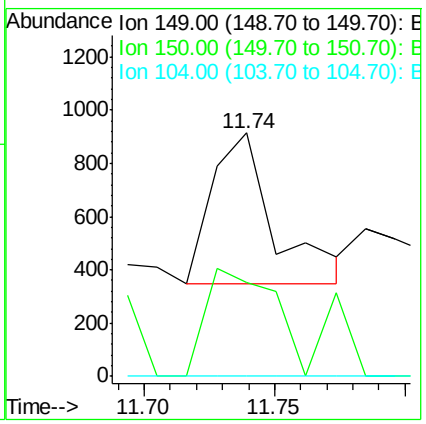


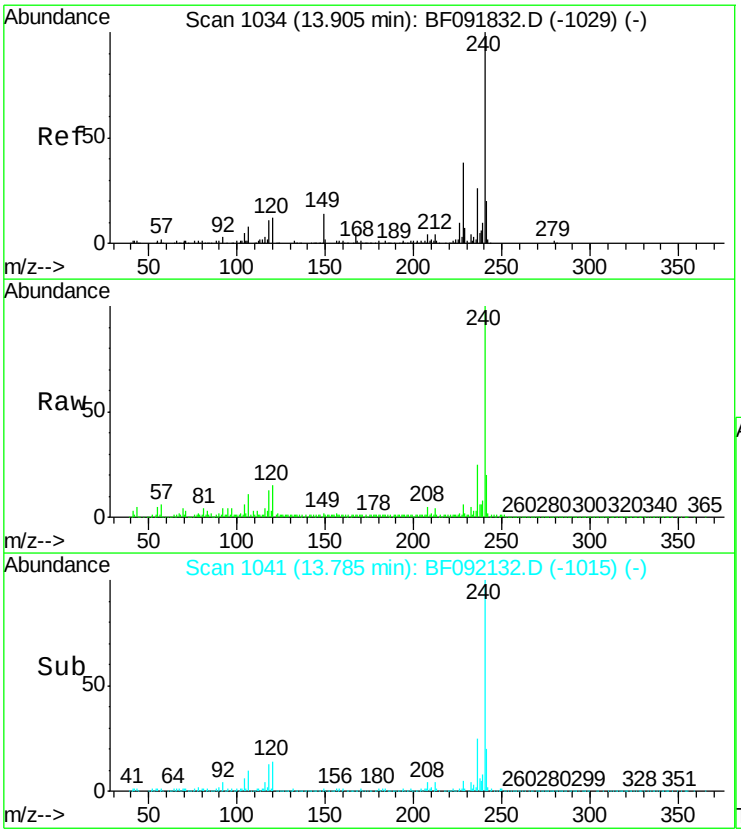
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.74 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Tgt Ion:149 Resp: 940

Ion	Ratio	Lower	Upper
149	100		
150	38.5	8.1	12.1#
104	0.0	4.6	7.0#





#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Tgt Ion:240 Resp: 329960

Ion	Ratio	Lower	Upper
240	100		
120	14.7	12.9	19.3
236	25.0	20.9	31.3