Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
Data File : BF092371.D
Acq On : 20 Jan 2017 14:24
Operator : UM/SJ
Sample : I1271-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-02

Quant Time: Jan 20 22:12:58 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	6.68	152	532547	20.00	ng		0.04
21) Naphthalene-d8	7.81	136	1009309	20.00	ng		-0.12
38) Acenaphthene-d10	9.56	164	514165	20.00	ng		-0.12
63) Phenanthrene-d10	11.03	188	778276	20.00	ng		-0.12
75) Chrysene-d12	13.66	240	490864	20.00	ng		-0.12
86) Perylene-d12	15.01	264	412445	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	1172546	36.76	ng		-0.12
7) Phenol-d6	6.19	99	1534550	39.41	ng		-0.12
23) Nitrobenzene-d5	7.10	82	1024406	56.44	ng		-0.11
41) 2,4,6-Tribromophenol	10.35	330	422815	99.37	ng		-0.12
44) 2-Fluorobiphenyl	8.90	172	2262248	91.07	ng		-0.11
78) Terphenyl-d14	12.62	244	1676856	82.85	ng		-0.12
Target Compounds							Qvalue
9) Benzaldehyde	6.19	77	2968	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.10	70	138361	5.34	ng	#	72
37) 2-Methylnaphthalene	8.62	142	10603	Below Cal			95
49) Dimethylphthalate	9.30	163	198871	6.05	ng		99
56) 2,4-Dinitrotoluene	9.56	165	70346	7.79	ng	#	19
66) 4-Bromophenyl-phenylether	10.35	248	27859	3.44	ng	#	1
71) Anthracene	11.06	178	11218	Below Cal			95
73) Di-n-butylphthalate	11.62	149	5187	Below Cal		#	91
74) Fluoranthene	12.24	202	5675	Below Cal			93
76) Benzidine	12.62	184	23391	Below Cal		#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
Data File : BF092371.D
Acq On : 20 Jan 2017 14:24
Operator : UM/SJ
Sample : I1271-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-02

Quant Time: Jan 20 22:12:58 2017
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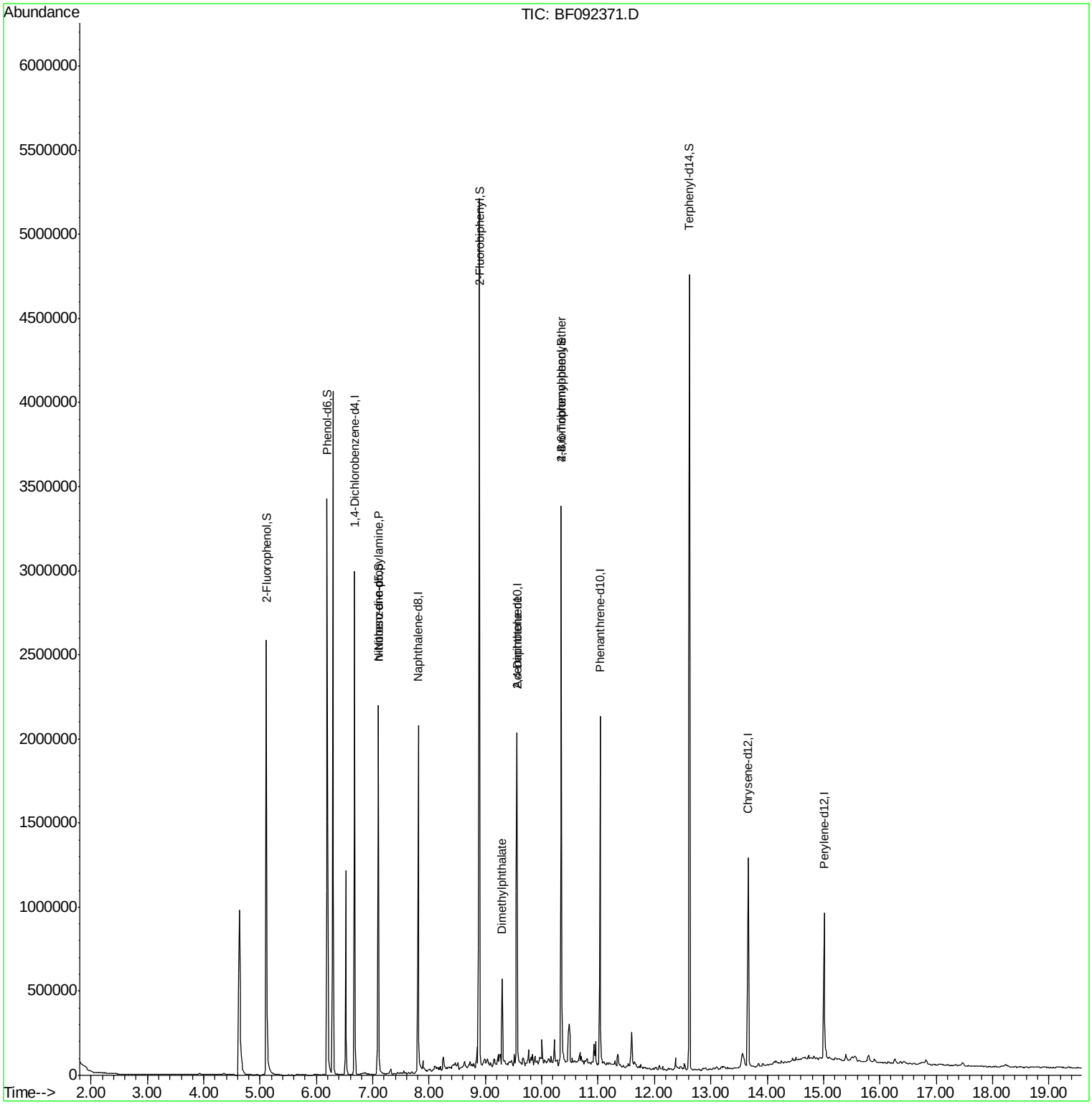
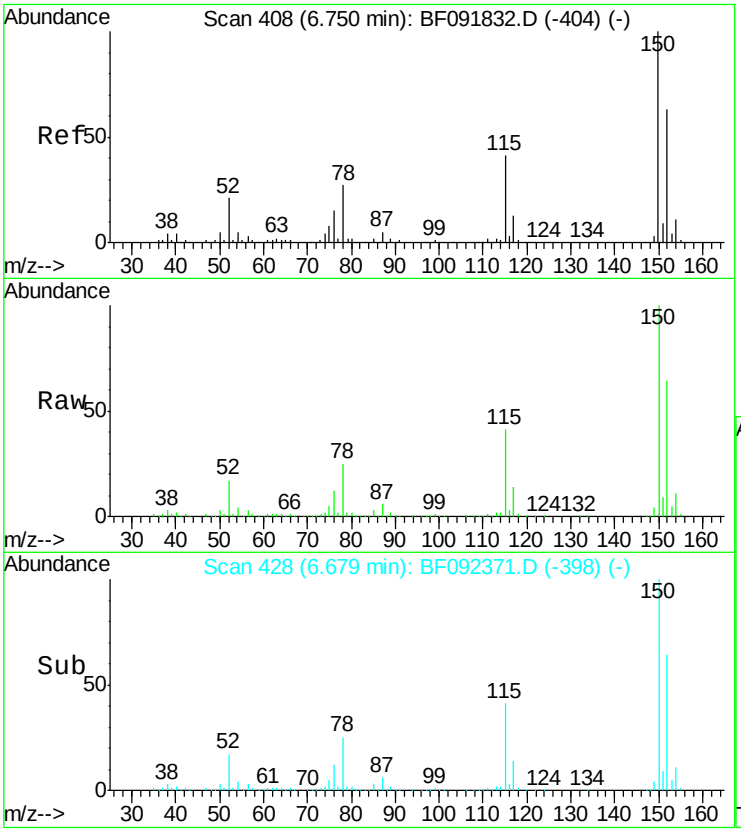
Response via : Initial Calibration



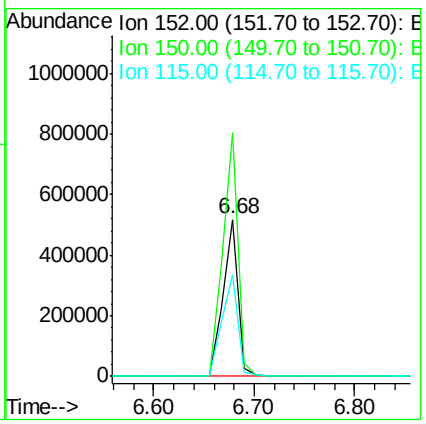


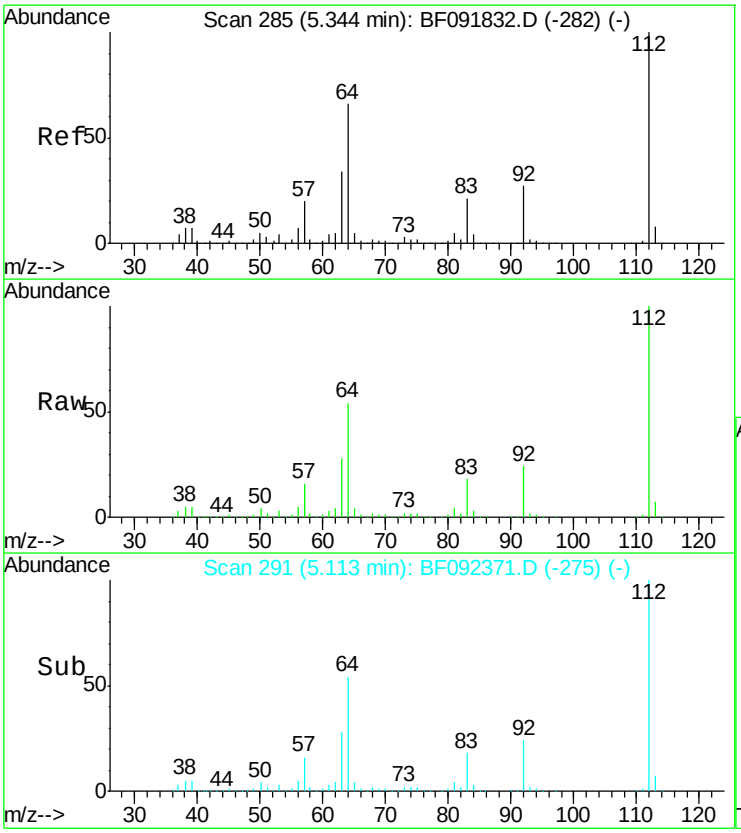
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 428
Delta R.T. 0.04 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
SS-02

Tgt Ion:152 Resp: 532547

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.9	187.3
115	64.3	46.0	69.0

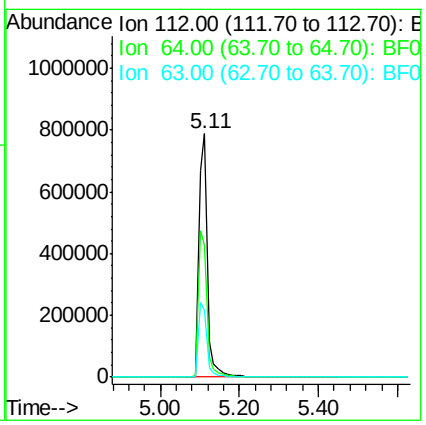


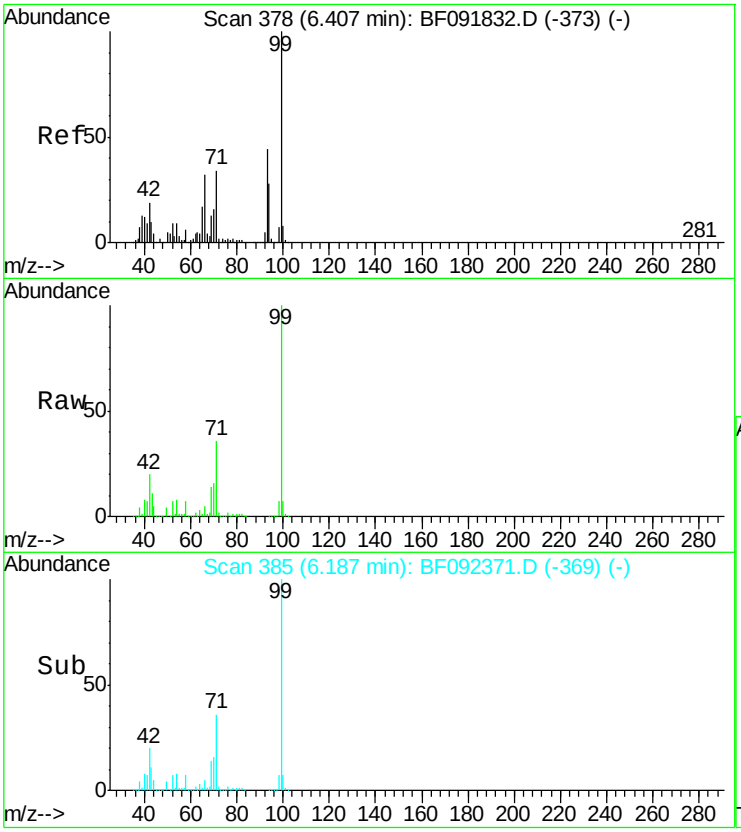


#5
2-Fluorophenol
Concen: 36.76 ng
RT: 5.11 min Scan# 291
Delta R.T. -0.12 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Tgt Ion:112 Resp: 1172546

Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.1	69.1
63	27.6	23.8	35.6



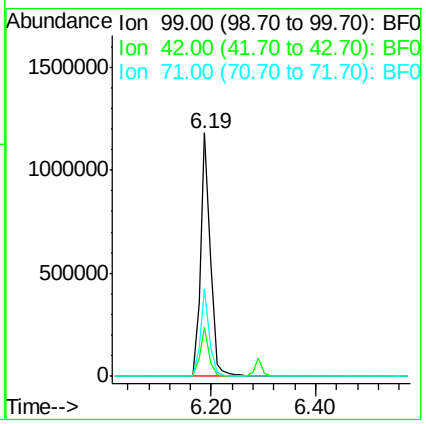


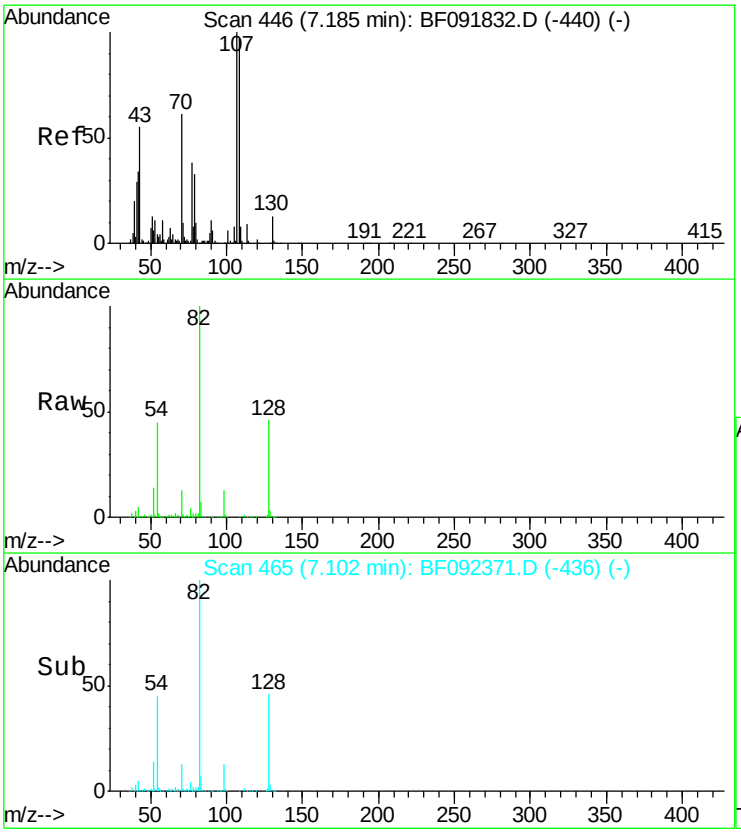
#7
Phenol-d6
Concen: 39.41 ng
RT: 6.19 min Scan# 385
Delta R.T. -0.12 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
SS-02

Tgt Ion: 99 Resp: 1534550

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.6	23.4
71	35.9	27.5	41.3

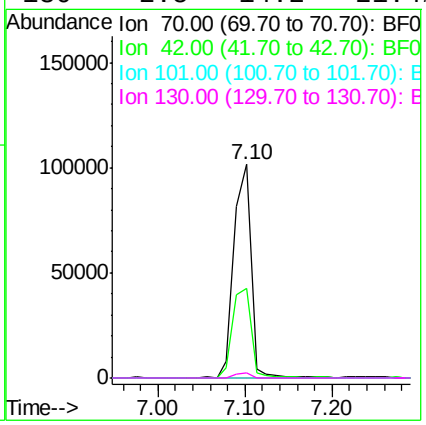


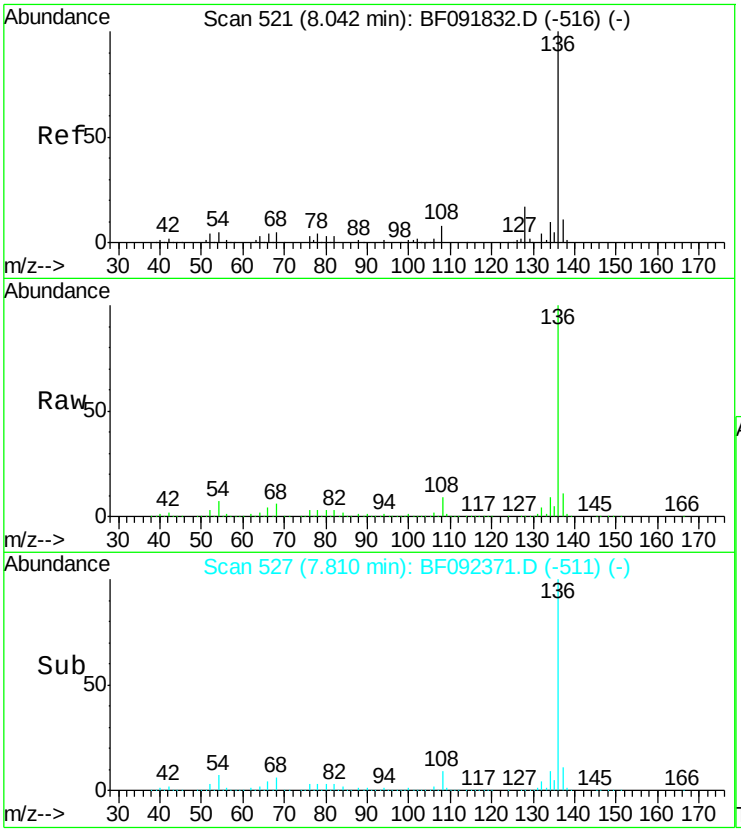


#19
n-Nitroso-di-n-propylamine
Concen: 5.34 ng
RT: 7.10 min Scan# 465
Delta R.T. 0.03 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Tgt Ion: 70 Resp: 138361

Ion	Ratio	Lower	Upper
70	100		
42	41.7	49.4	74.0#
101	0.0	7.4	11.2#
130	2.5	14.2	21.4#



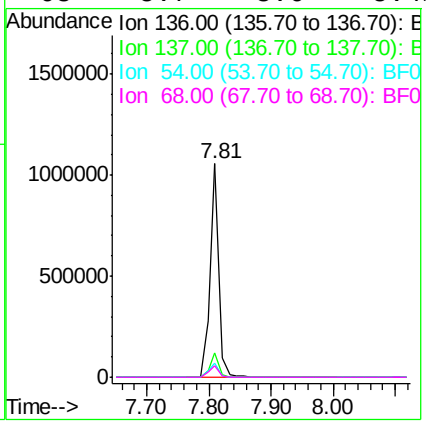


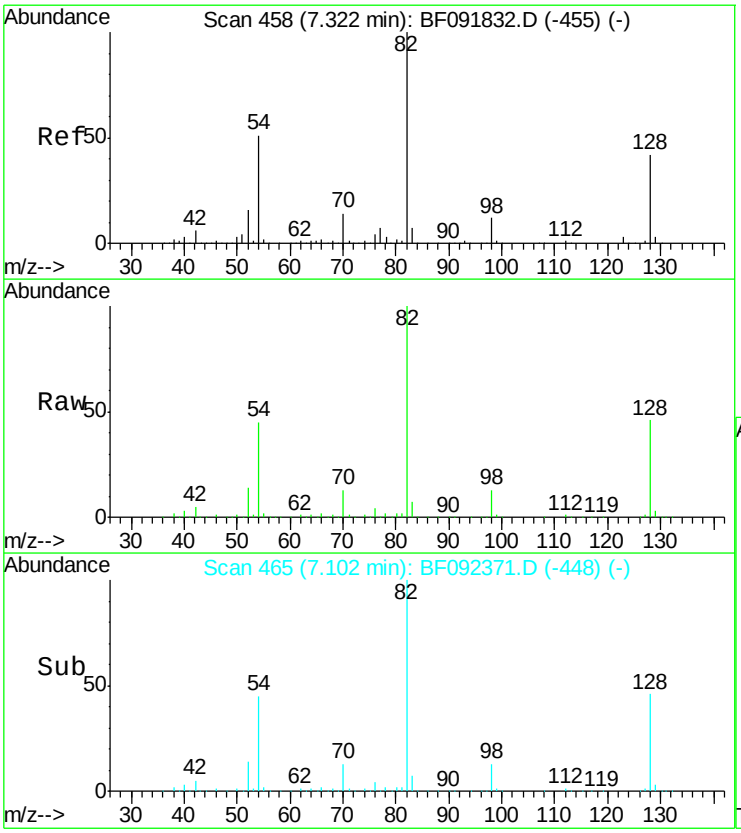
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.12 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
SS-02

Tgt Ion:136 Resp: 1009309

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.7	4.5	6.7
68	5.7	3.6	5.4#

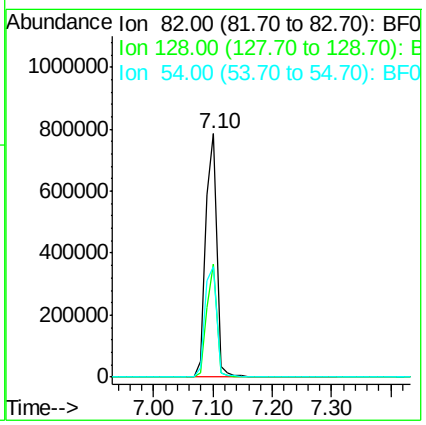


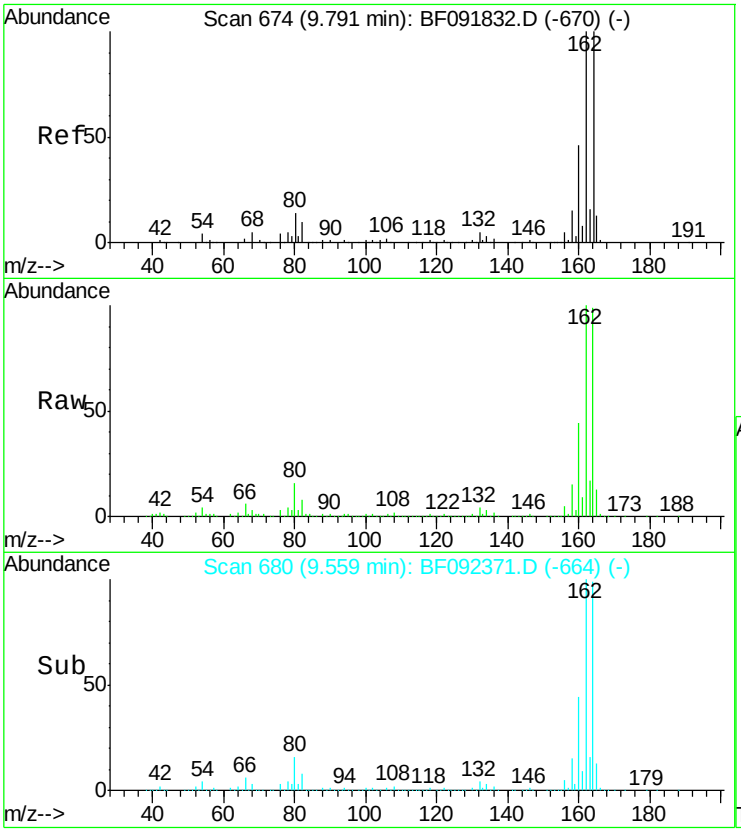


#23
Nitrobenzene-d5
Concen: 56.44 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.11 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Tgt Ion: 82 Resp: 1024406

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.6	52.0
54	45.4	39.5	59.3



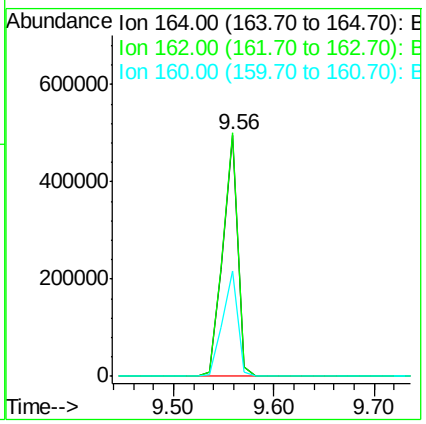


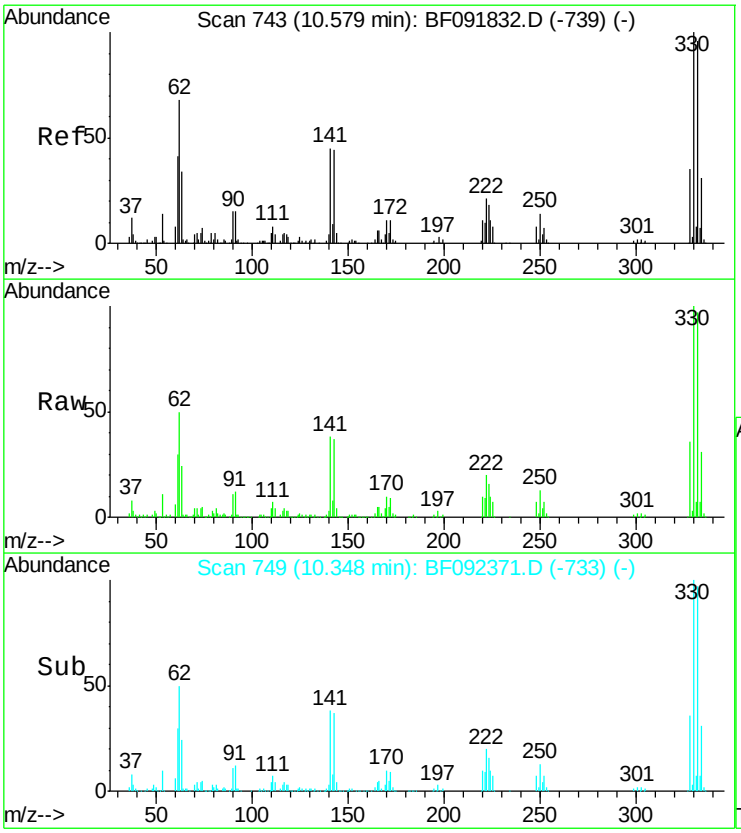
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.12 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
SS-02

Tgt Ion:164 Resp: 514165

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	43.9	36.9	55.3

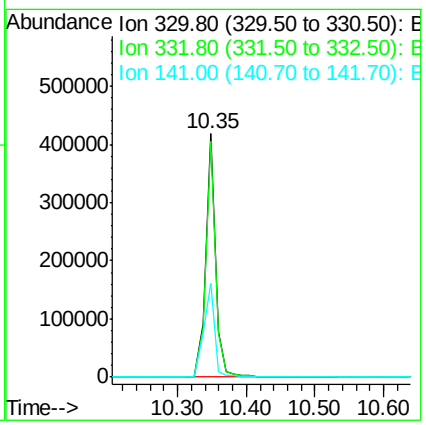


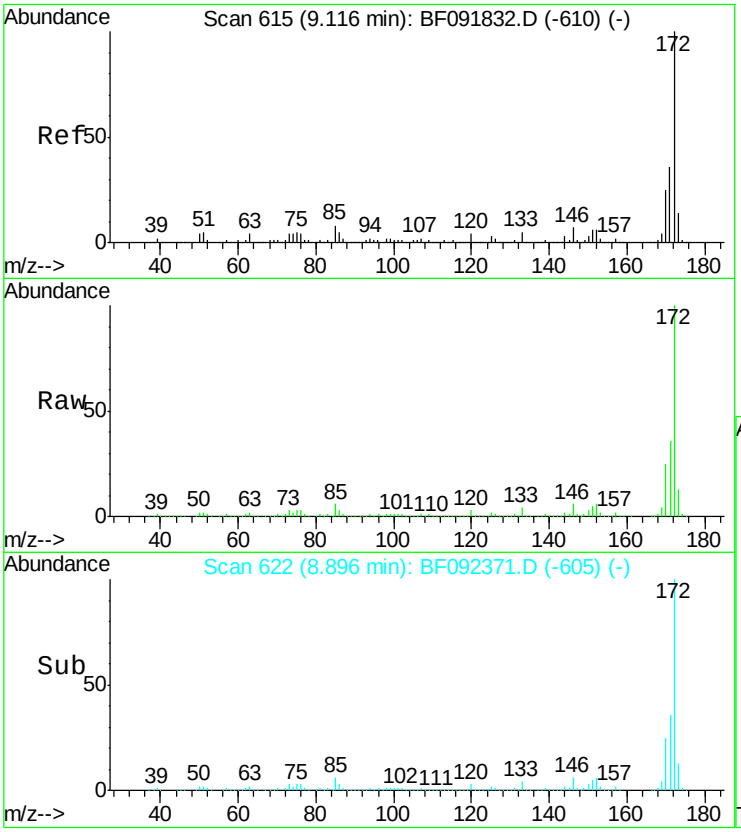


#41
2,4,6-Tribromophenol
Concen: 99.37 ng
RT: 10.35 min Scan# 749
Delta R.T. -0.12 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Tgt Ion:330 Resp: 422815

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	41.1	34.1	51.1



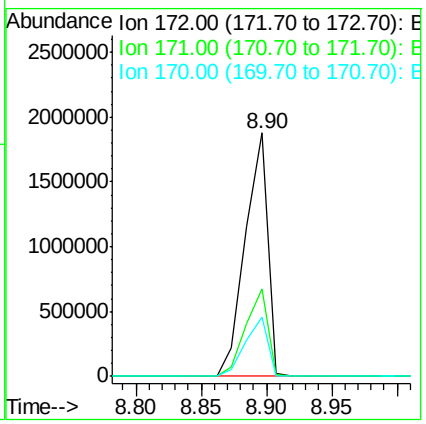


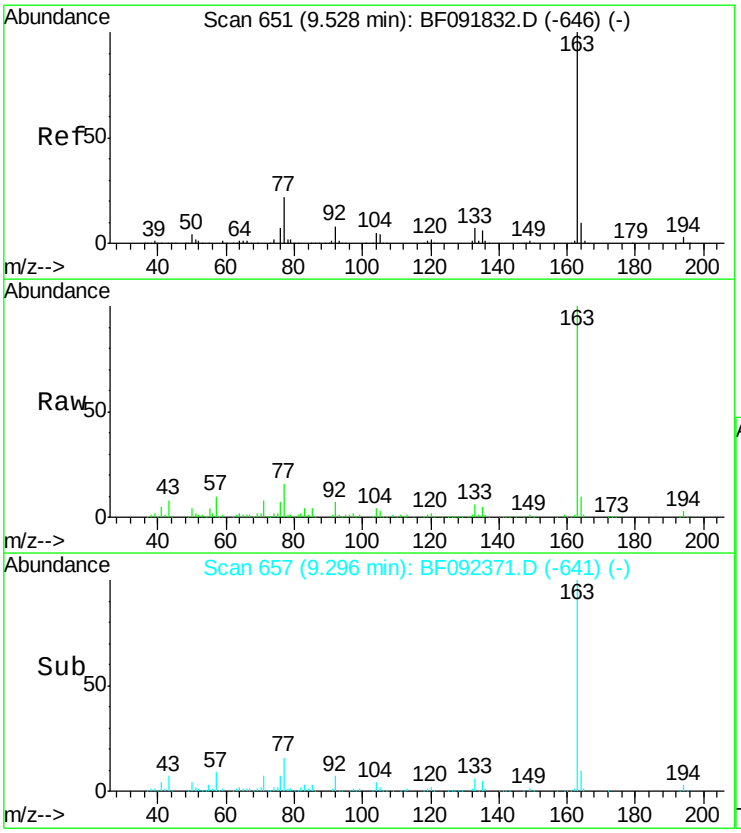
#44
2-Fluorobiphenyl
Concen: 91.07 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.11 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
SS-02

Tgt Ion:172 Resp: 2262248

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

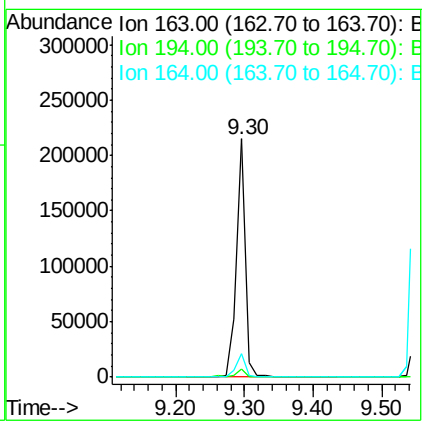


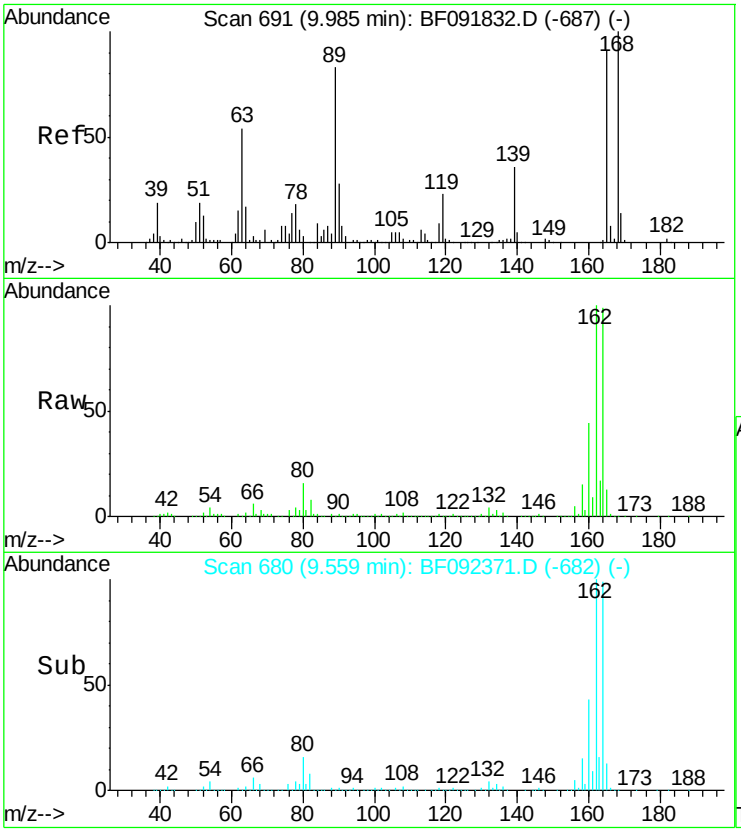


#49
Dimethylphthalate
Concen: 6.05 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.12 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Tgt Ion:163 Resp: 198871

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	9.8	8.0	12.0



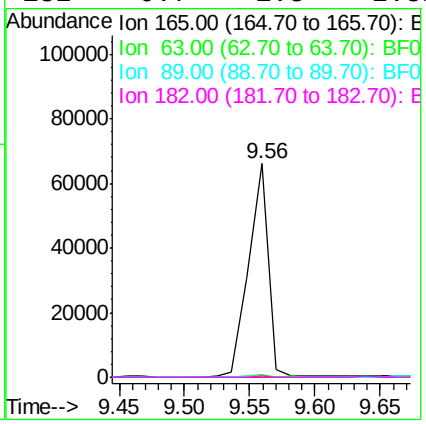


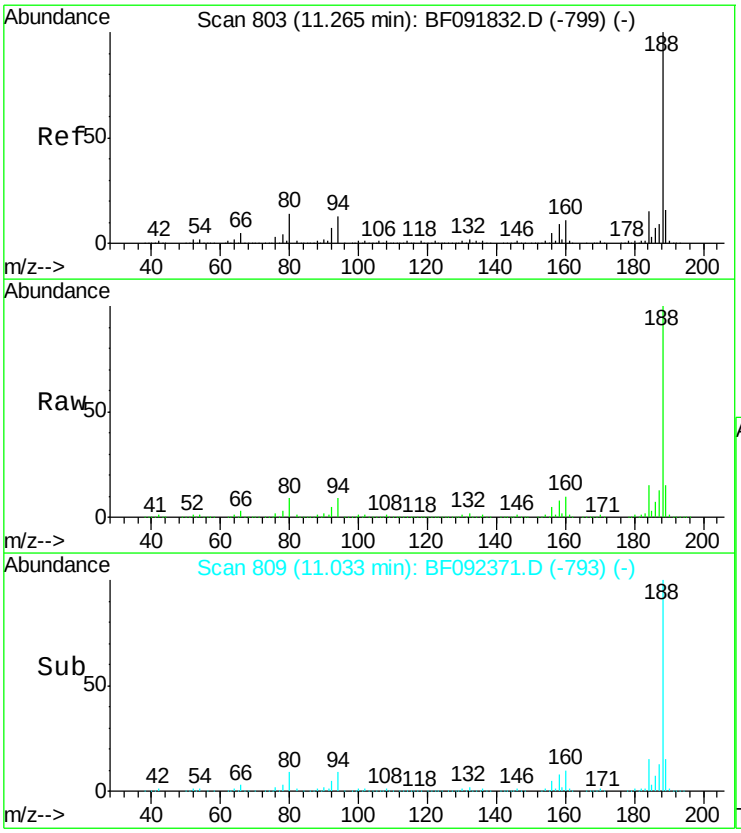
#56
2,4-Dinitrotoluene
Concen: 7.79 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.33 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
SS-02

Tgt Ion:165 Resp: 70346

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

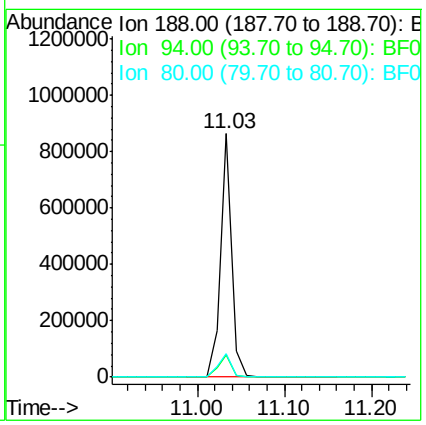


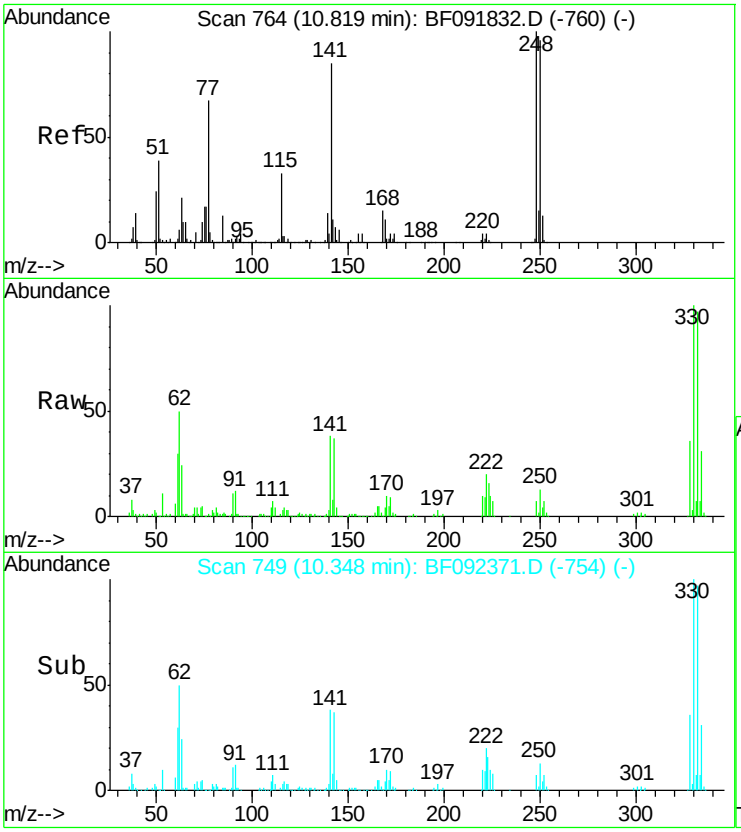


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.12 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Tgt Ion:188 Resp: 778276

Ion	Ratio	Lower	Upper
188	100		
94	9.2	10.0	15.0#
80	9.4	11.2	16.8#



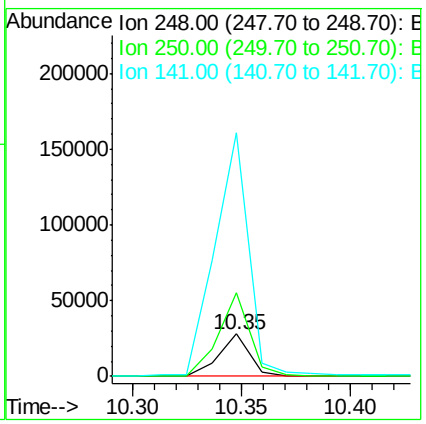


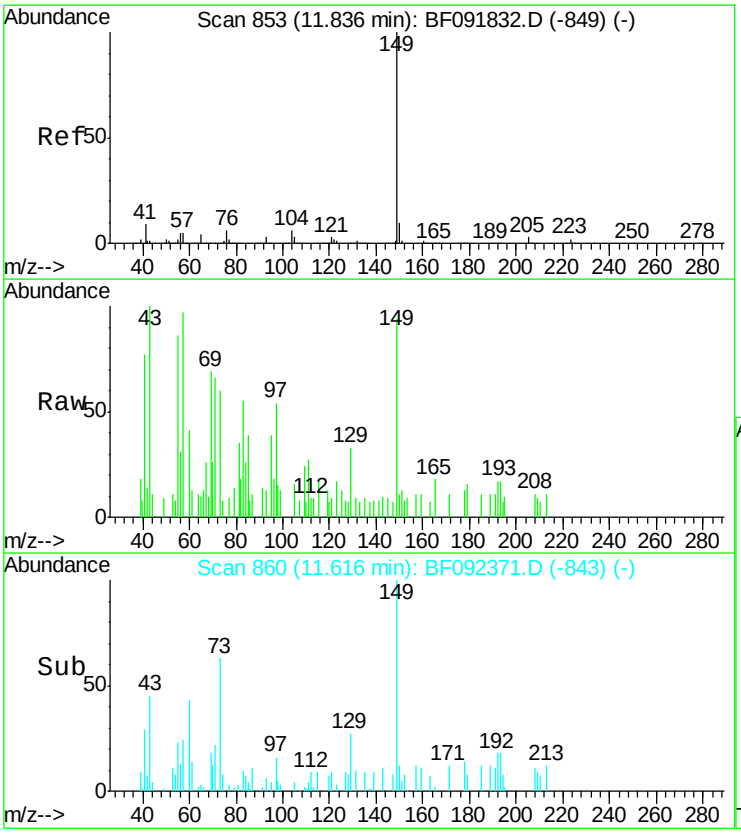
#66
4-Bromophenyl-phenylether
Concen: 3.44 ng
RT: 10.35 min Scan# 749
Delta R.T. -0.36 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
SS-02

Tgt Ion:248 Resp: 27859

Ion	Ratio	Lower	Upper
248	100		
250	195.6	76.9	115.3#
141	573.4	68.2	102.4#

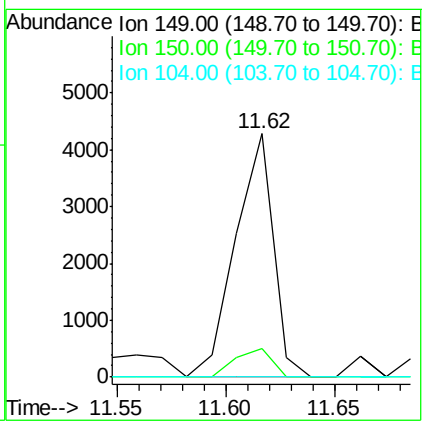


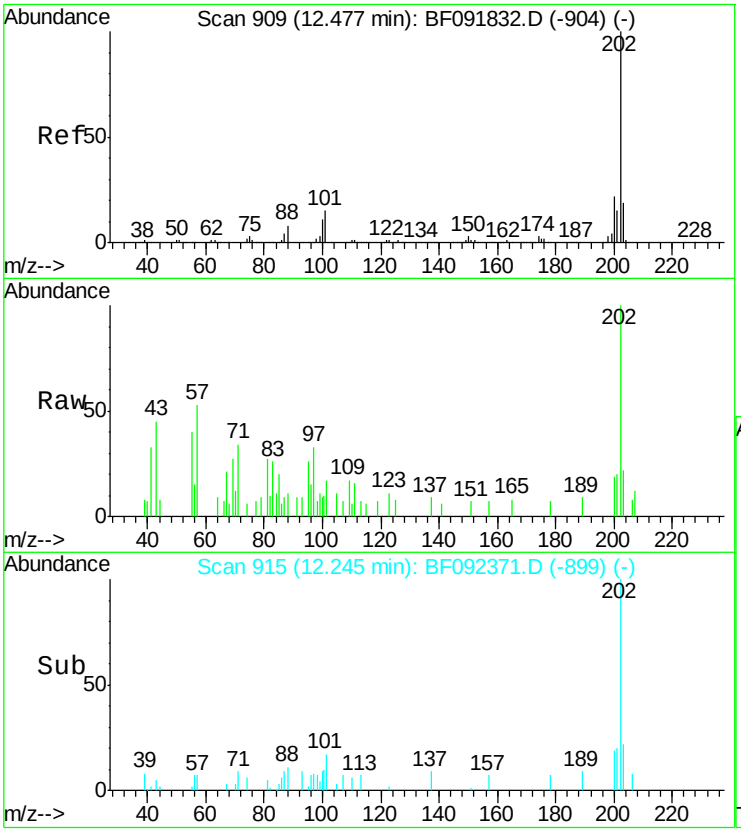


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.62 min Scan# 860
Delta R.T. -0.11 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Tgt Ion:149 Resp: 5187

Ion	Ratio	Lower	Upper
149	100		
150	11.5	8.1	12.1
104	0.0	4.6	7.0#



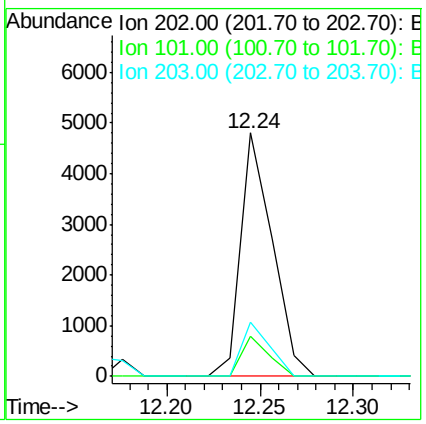


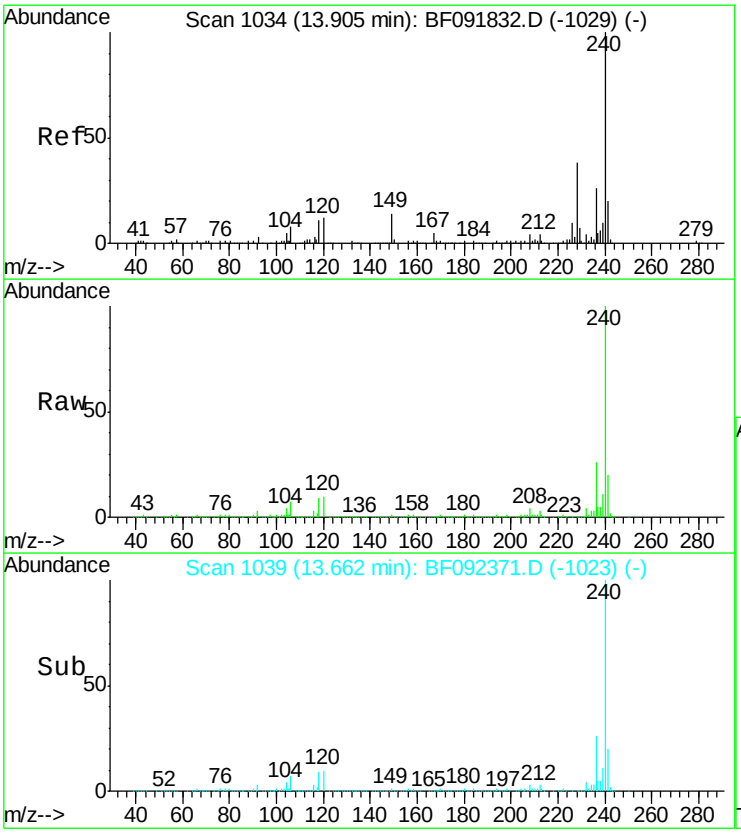
#74
Fluoranthene
Concen: Below Cal
RT: 12.24 min Scan# 915
Delta R.T. -0.12 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
SS-02

Tgt Ion:202 Resp: 5675

Ion	Ratio	Lower	Upper
202	100		
101	16.6	0.0	34.6
203	22.3	0.0	38.7

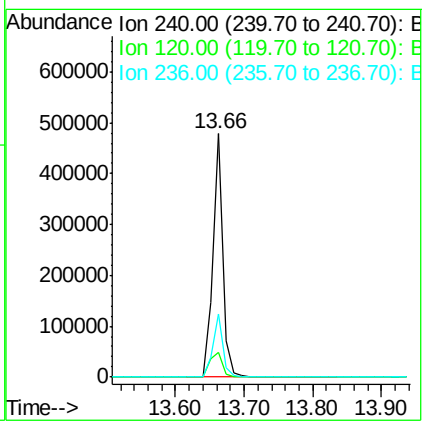


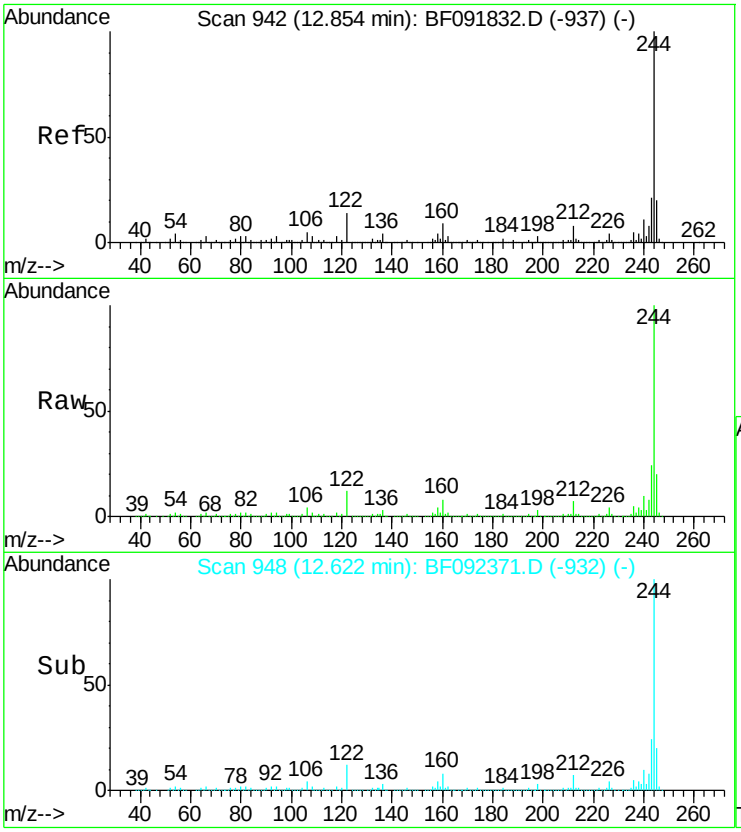


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1039
Delta R.T. -0.12 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Tgt Ion:240 Resp: 490864

Ion	Ratio	Lower	Upper
240	100		
120	10.3	12.9	19.3#
236	25.7	20.9	31.3



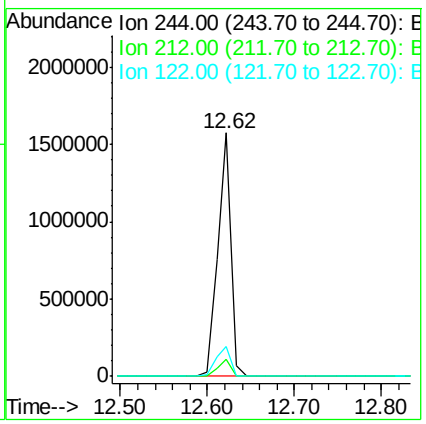


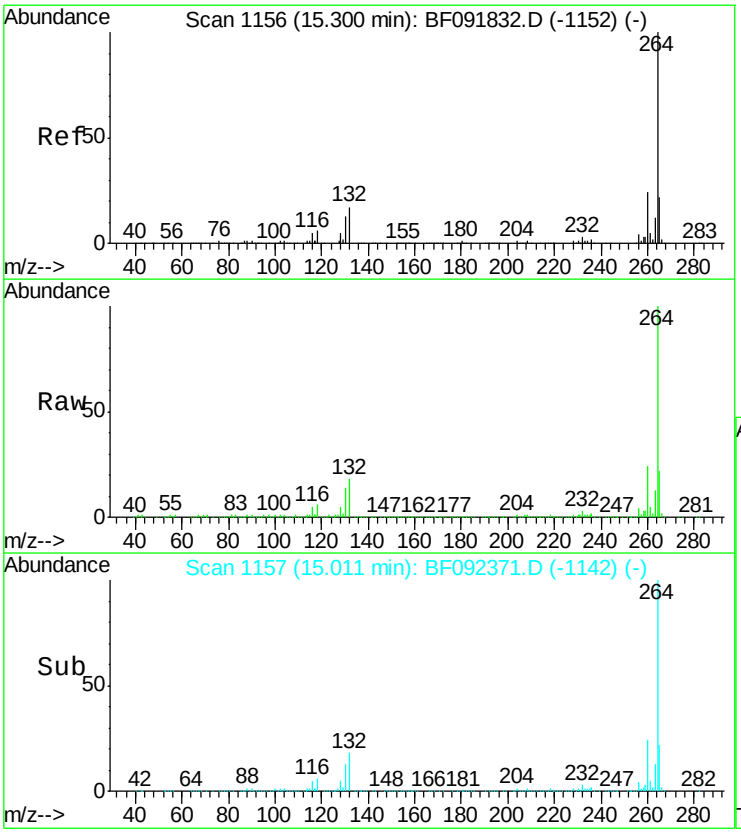
#78
Terphenyl-d14
Concen: 82.85 ng
RT: 12.62 min Scan# 948
Delta R.T. -0.12 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
SS-02

Tgt Ion:244 Resp: 1676856

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	12.1	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1157
Delta R.T. -0.13 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Tgt Ion:264 Resp: 412445

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.2	17.4	26.0