Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091895.D
Acq On : 22 Dec 2016 19:26
Operator : UM/SJ
Sample : H6068-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4

Quant Time: Dec 23 00:40:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	218288	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	703821	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	287853	20.00	ng		0.01
63) Phenanthrene-d10	11.28	188	404073	20.00	ng		0.01
75) Chrysene-d12	13.91	240	363819	20.00	ng		0.00
86) Perylene-d12	15.30	264	316283	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1611534	123.27	ng		0.06
7) Phenol-d6	6.45	99	2062094	129.19	ng		0.05
23) Nitrobenzene-d5	7.32	82	1112060	87.86	ng		0.00
41) 2,4,6-Tribromophenol	10.59	330	257488	108.09	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	1827108	138.11	ng		0.01
78) Terphenyl-d14	12.87	244	1232481	82.16	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.27	77	1780	Below Cal		#	1
10) Phenol	6.46	94	110440	6.07	ng		79
18) Hexachloroethane	7.32	117	35382	5.91	ng	#	2
25) Isophorone	7.56	82	48262	2.07	ng	#	1
26) 2-Nitrophenol	7.71	139	16048	2.41	ng	#	46
35) Caprolactam	8.48	113	112494	36.66	ng	#	1
37) 2-Methylnaphthalene	8.74	142	4810	Below Cal		#	1
49) Dimethylphthalate	9.52	163	176987	9.61	ng	#	95
50) 2,6-Dinitrotoluene	9.56	165	12169	3.02	ng	#	53
55) 4-Nitrophenol	9.92	139	11674	3.45	ng	#	1
56) 2,4-Dinitrotoluene	10.03	165	11243	2.22	ng	#	46
65) n-Nitrosodiphenylamine	10.46	169	107971	9.00	ng	#	44
73) Di-n-butylphthalate	11.85	149	6760	Below Cal		#	11
74) Fluoranthene	12.71	202	20979	Below Cal			67
76) Benzidine	12.58	184	2148	Below Cal		#	1

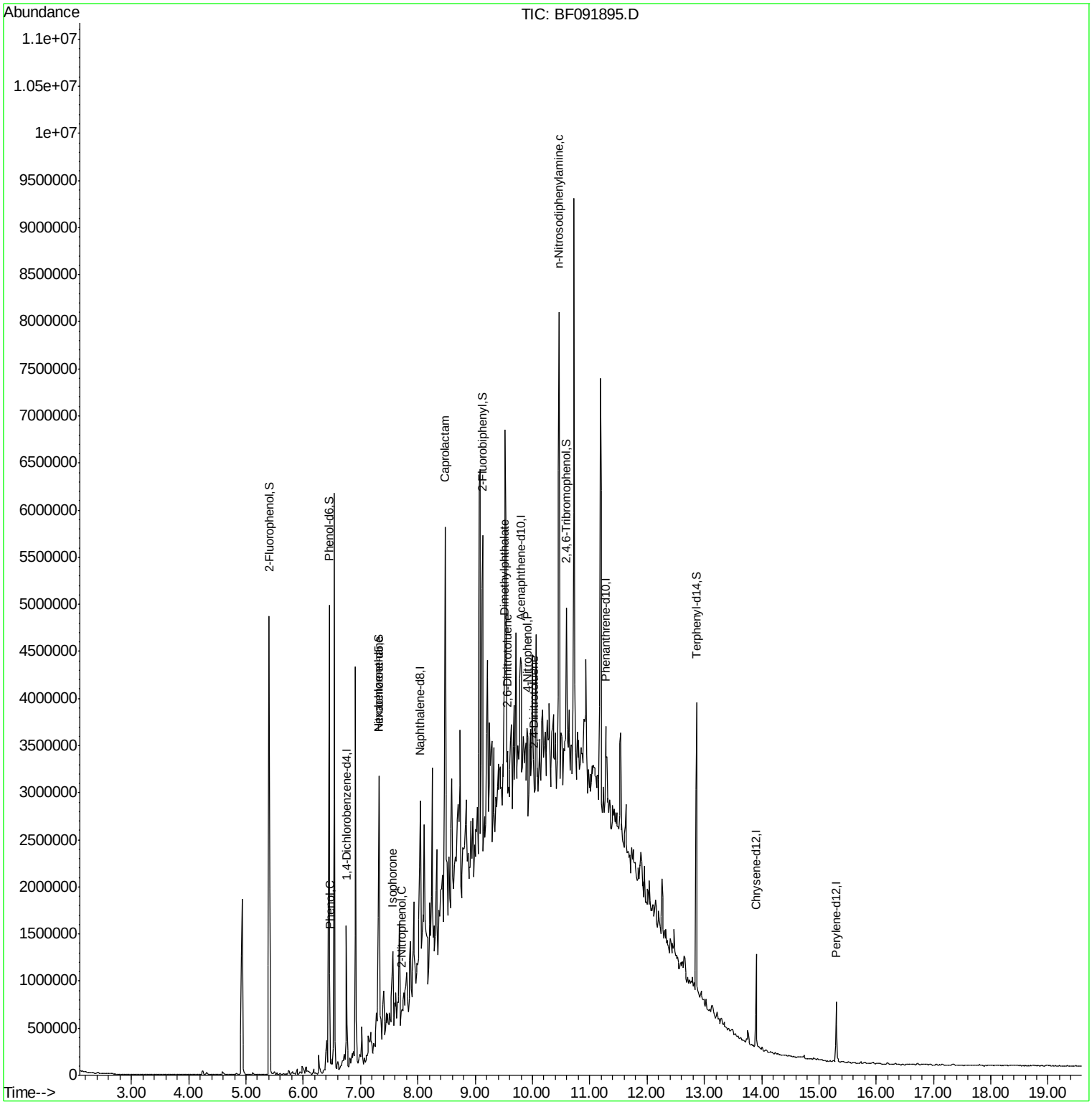
(#) = qualifier out of range (m) = manual integration (+) = signals summed

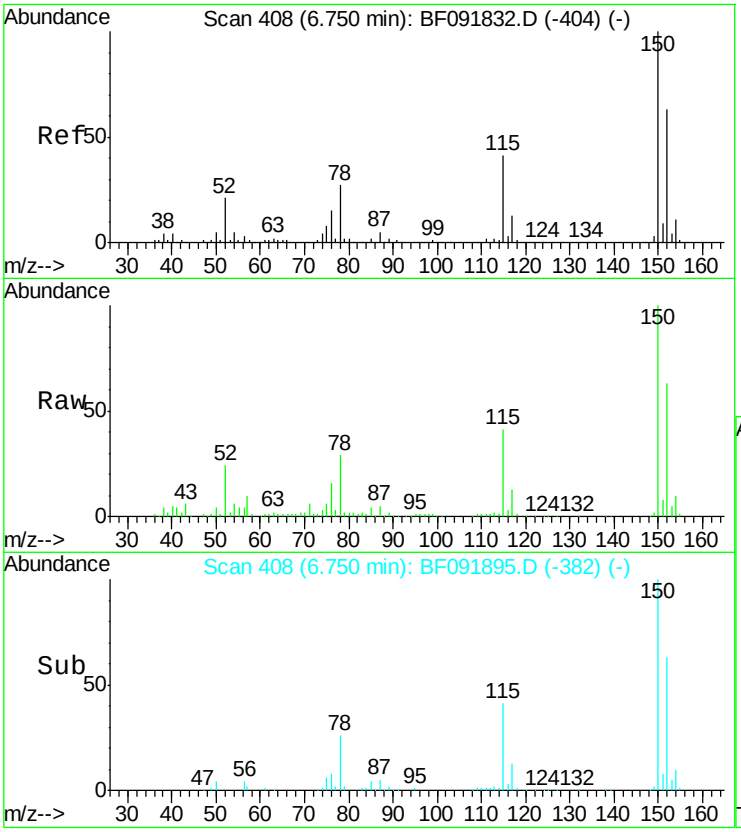
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091895.D
Acq On : 22 Dec 2016 19:26
Operator : UM/SJ
Sample : H6068-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4

Quant Time: Dec 23 00:40:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration



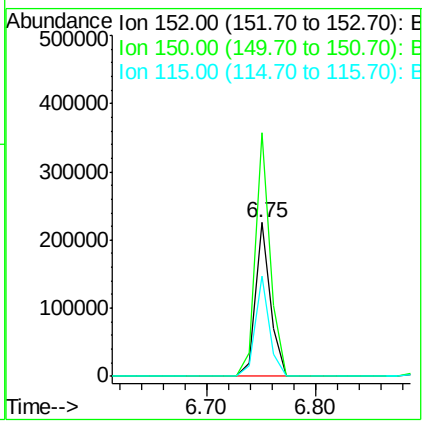


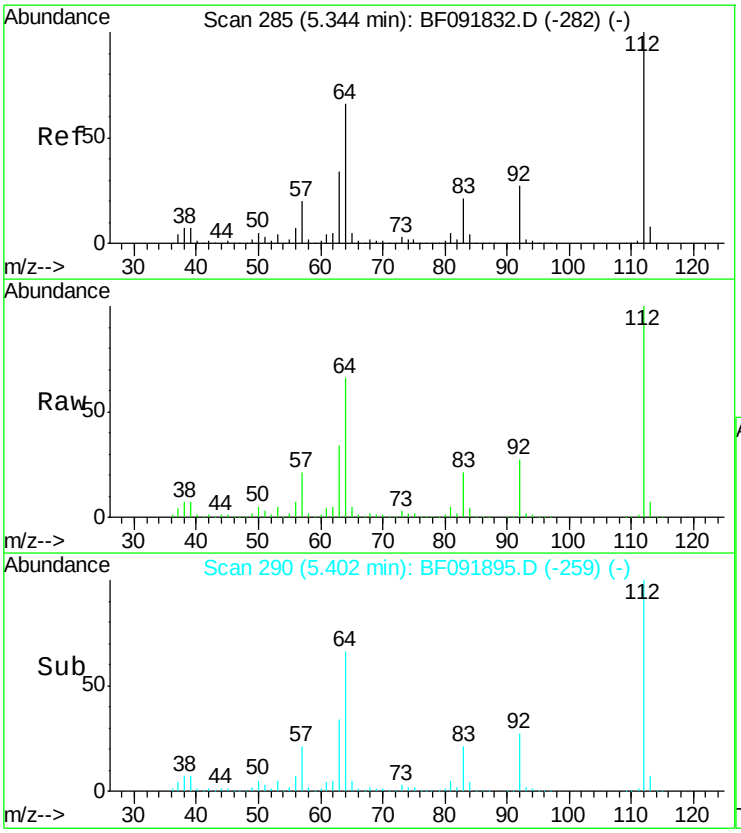
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:152 Resp: 218288

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.9	187.3
115	65.5	46.0	69.0

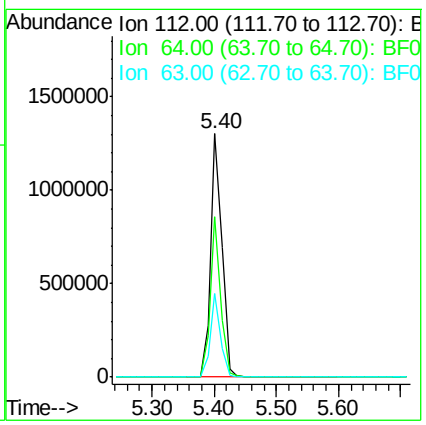


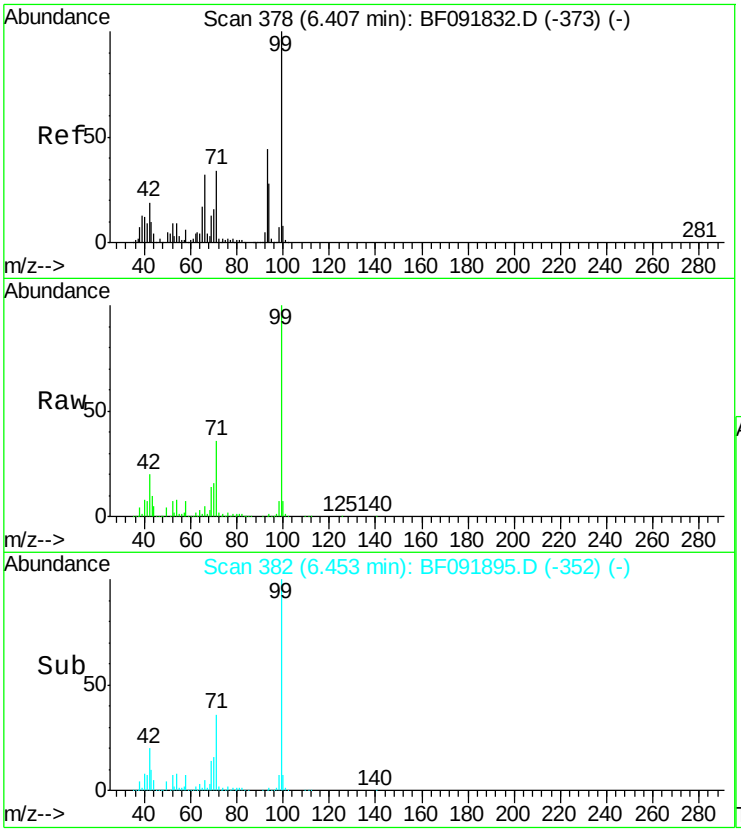


#5
2-Fluorophenol
Concen: 123.27 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.06 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Tgt Ion:112 Resp: 1611534

Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.1	69.1
63	34.5	23.8	35.6



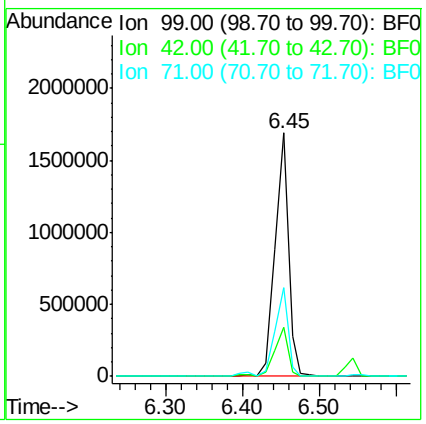


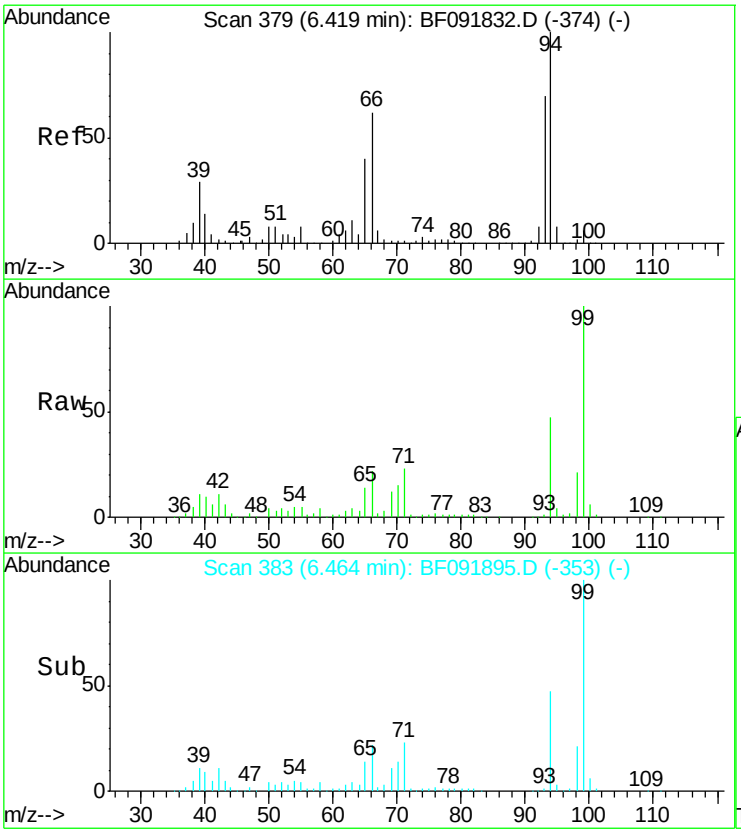
#7
Phenol-d6
Concen: 129.19 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.05 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion: 99 Resp: 2062094

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.6	23.4
71	36.4	27.5	41.3

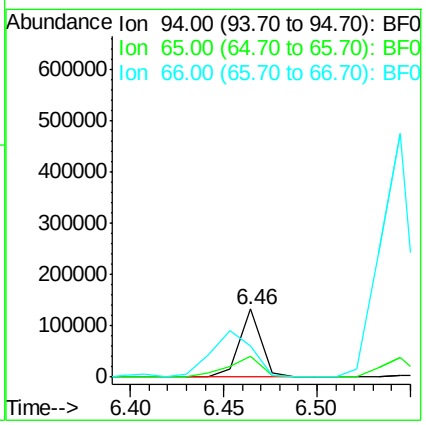


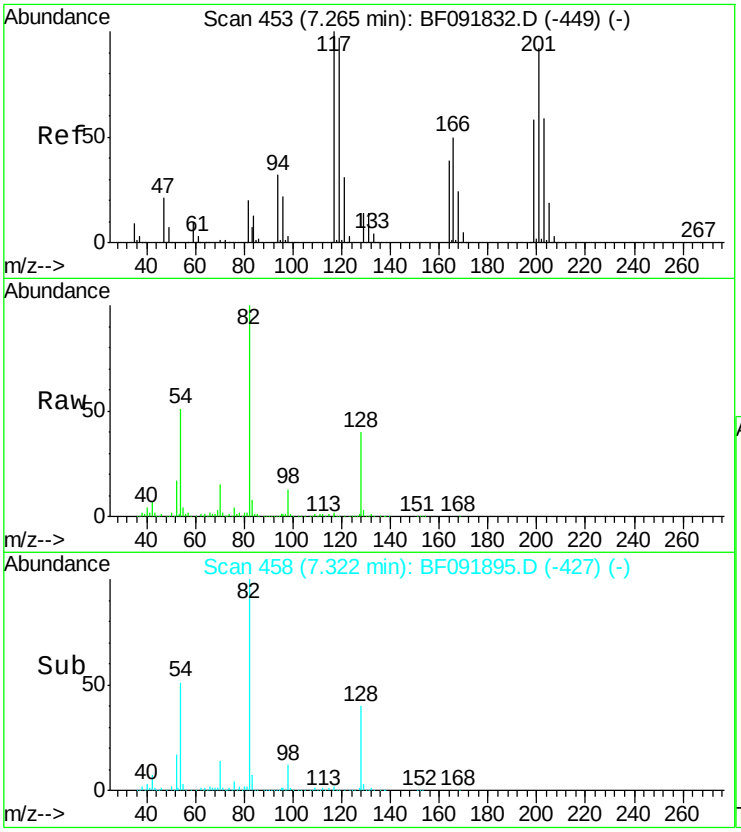


#10
Phenol
Concen: 6.07 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.05 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Tgt Ion: 94 Resp: 110440

Ion	Ratio	Lower	Upper
94	100		
65	30.5	21.4	61.4
66	46.1	44.0	84.0



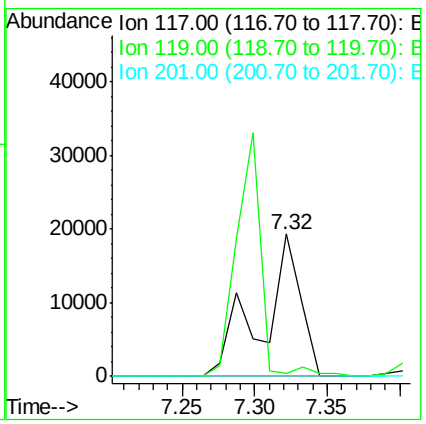


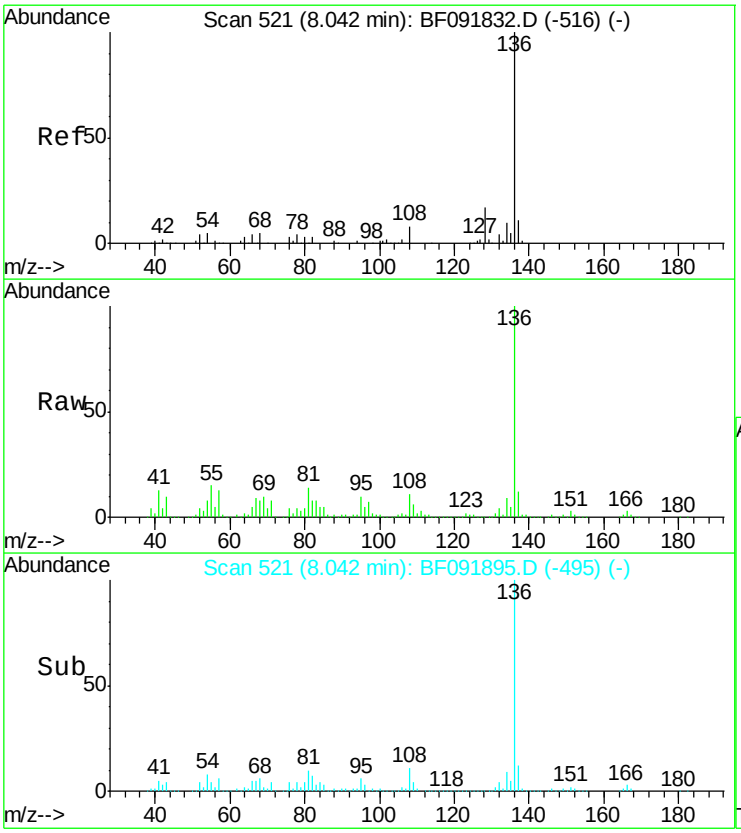
#18
Hexachloroethane
Concen: 5.91 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.06 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:117 Resp: 35382

Ion	Ratio	Lower	Upper
117	100		
119	1.7	78.1	117.1#
201	0.0	78.6	117.8#

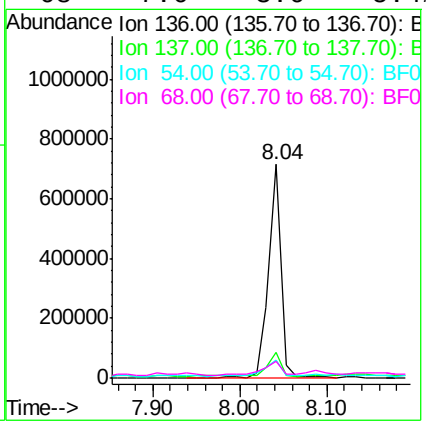


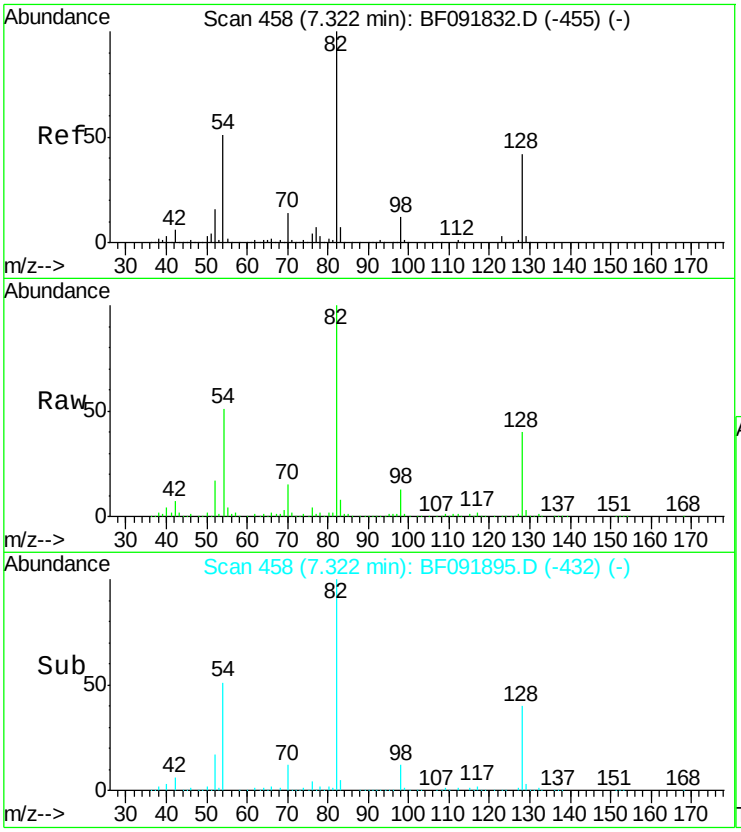


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Tgt Ion:136 Resp: 703821

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.4	12.6
54	8.5	4.5	6.7#
68	7.6	3.6	5.4#



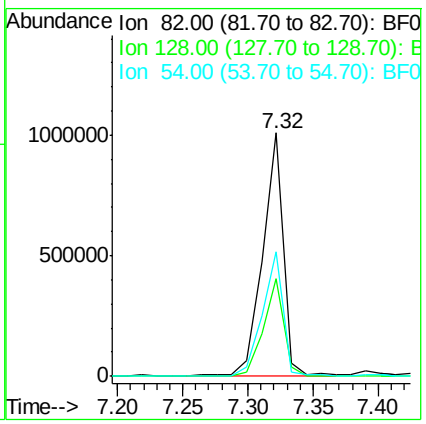


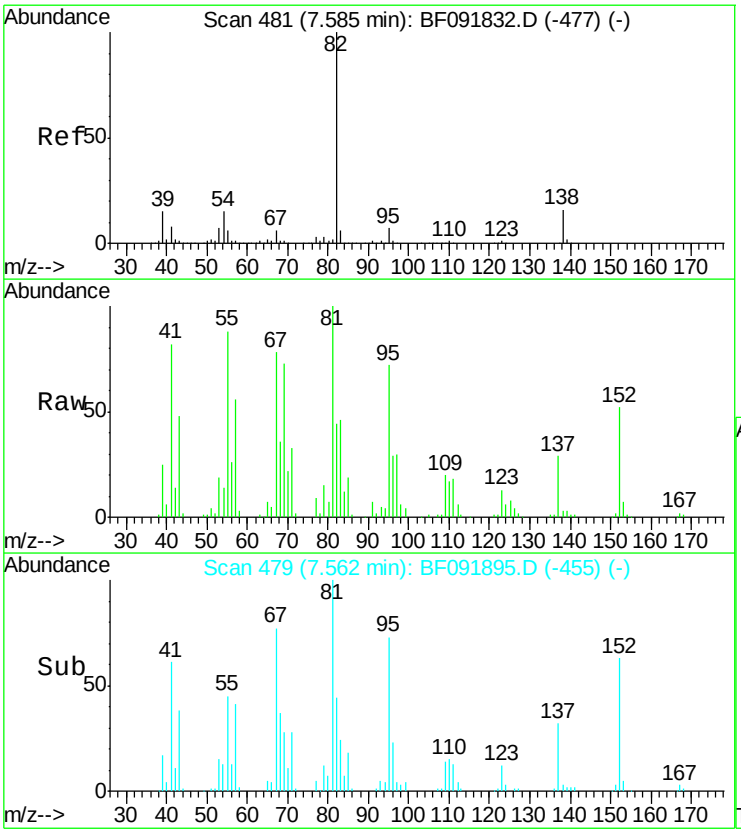
#23
Nitrobenzene-d5
Concen: 87.86 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion: 82 Resp: 1112060

Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.6	52.0
54	51.2	39.5	59.3

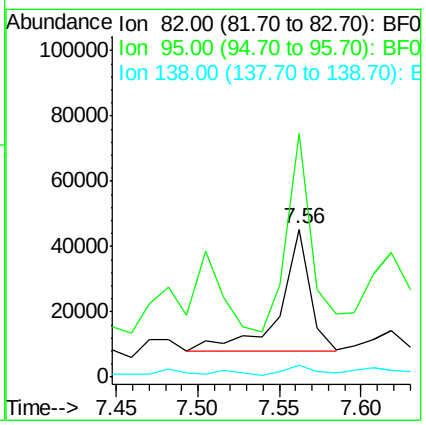


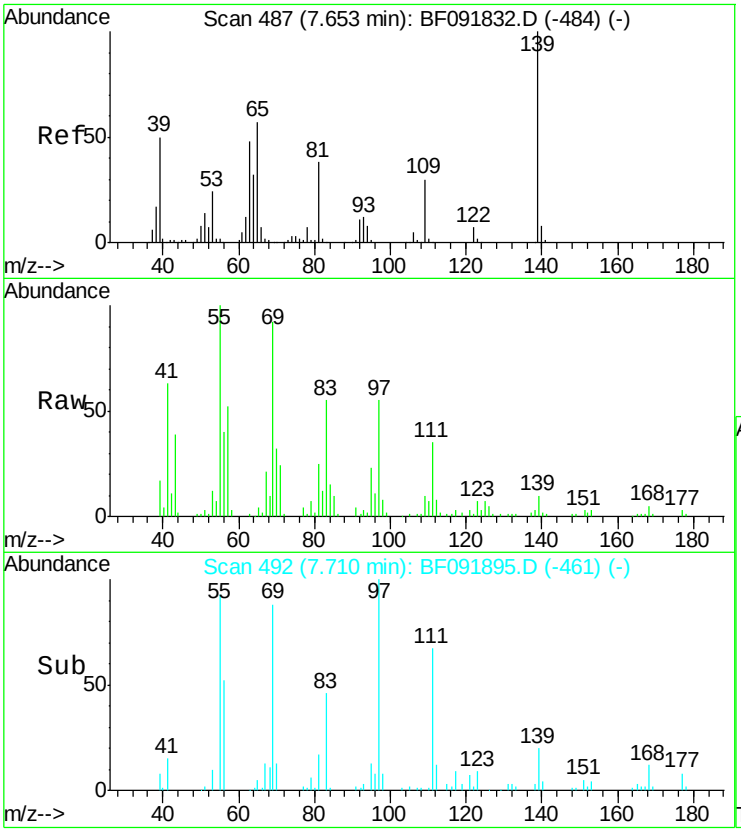


#25
Isophorone
Concen: 2.07 ng
RT: 7.56 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Tgt Ion: 82 Resp: 48262

Ion	Ratio	Lower	Upper
82	100		
95	164.3	5.6	8.4#
138	7.9	14.6	22.0#



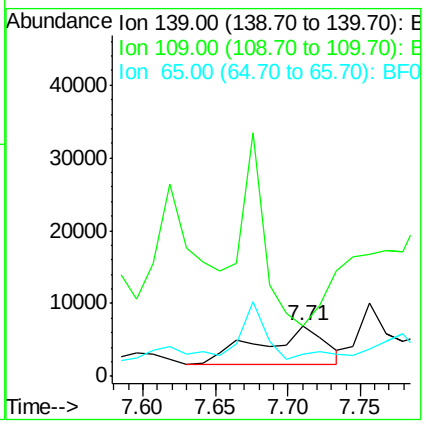


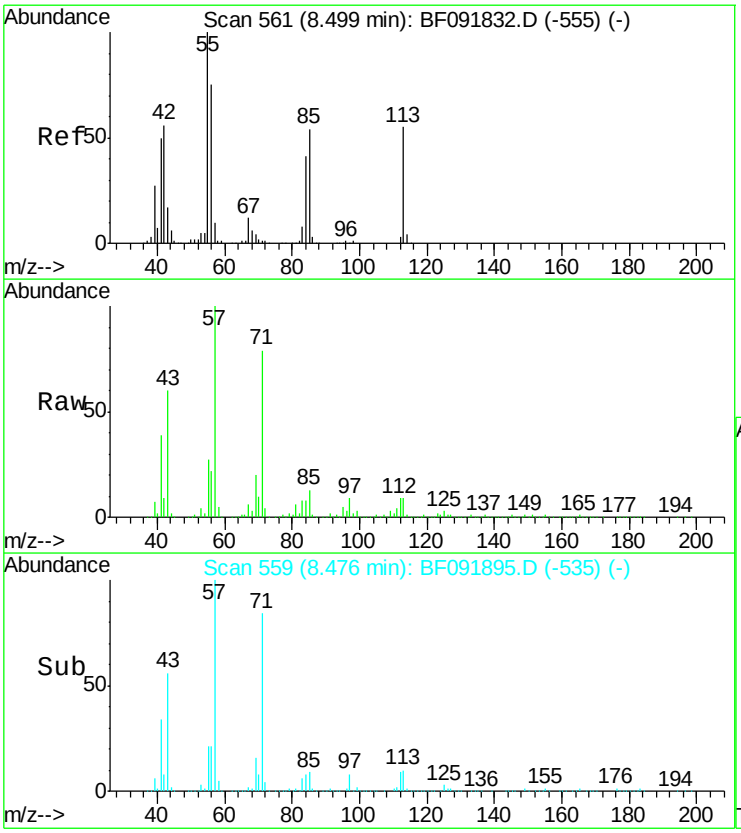
#26
2-Nitrophenol
Concen: 2.41 ng
RT: 7.71 min Scan# 492
Delta R.T. 0.06 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:139 Resp: 16048

Ion	Ratio	Lower	Upper
139	100		
109	99.8	23.3	34.9#
65	45.0	42.7	64.1

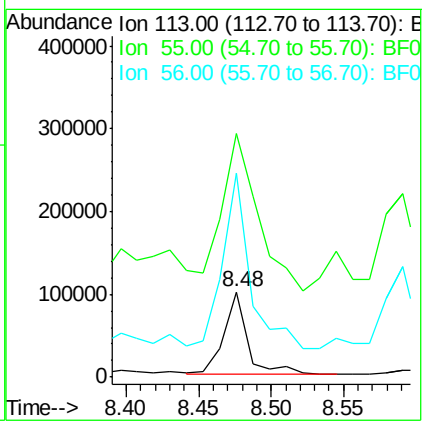


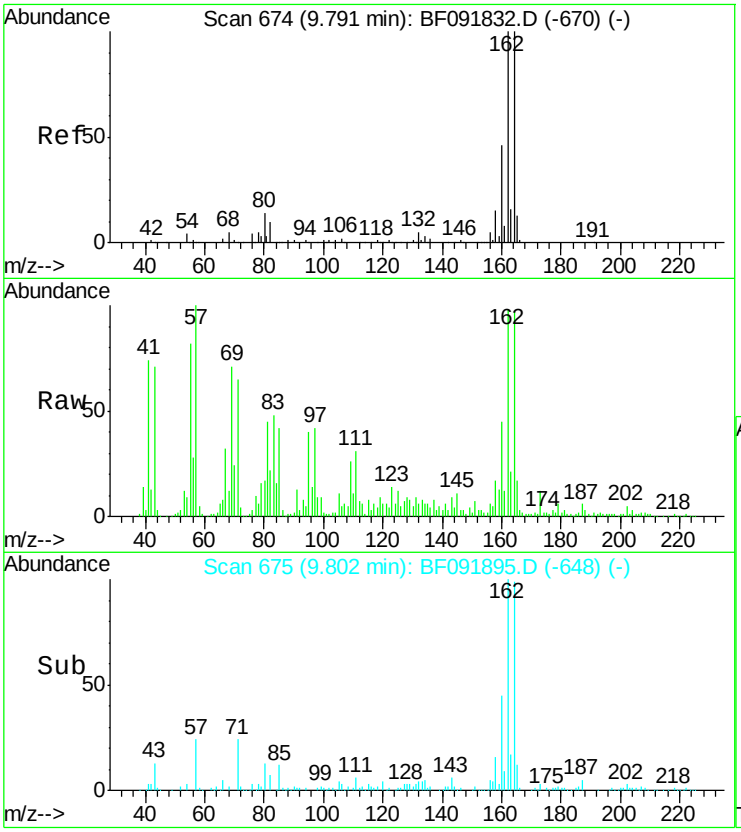


#35
Caprolactam
Concen: 36.66 ng
RT: 8.48 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Tgt Ion:113 Resp: 112494

Ion	Ratio	Lower	Upper
113	100		
55	285.8	119.2	159.2#
56	239.5	83.8	123.8#



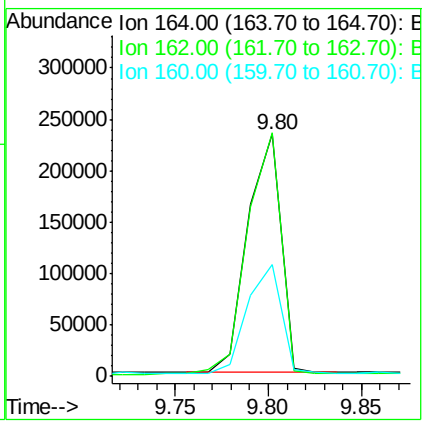


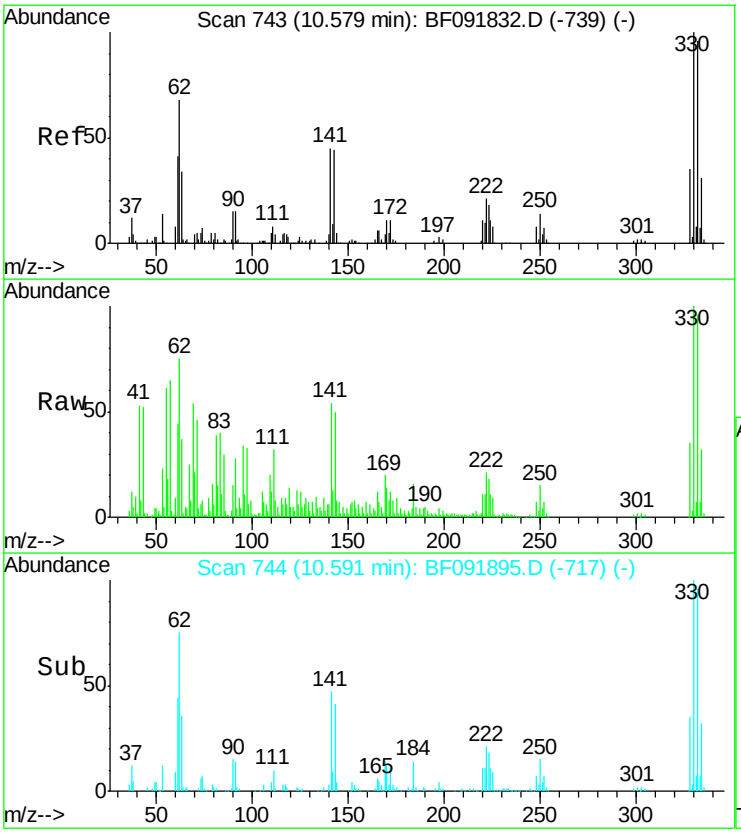
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:164 Resp: 287853

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	46.3	36.9	55.3

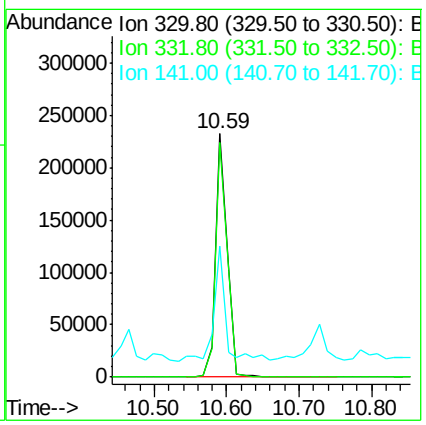


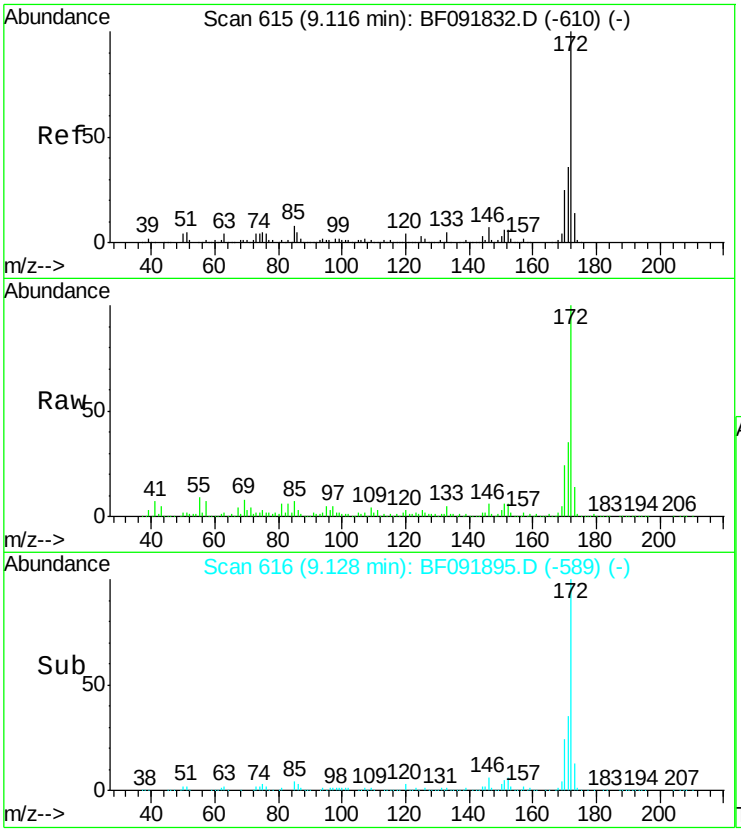


#41
2,4,6-Tribromophenol
Concen: 108.09 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Tgt Ion:330 Resp: 257488

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	47.1	34.1	51.1



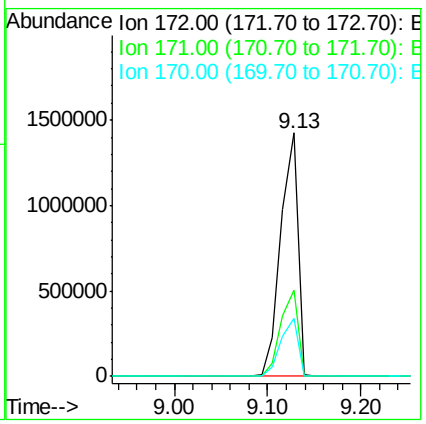


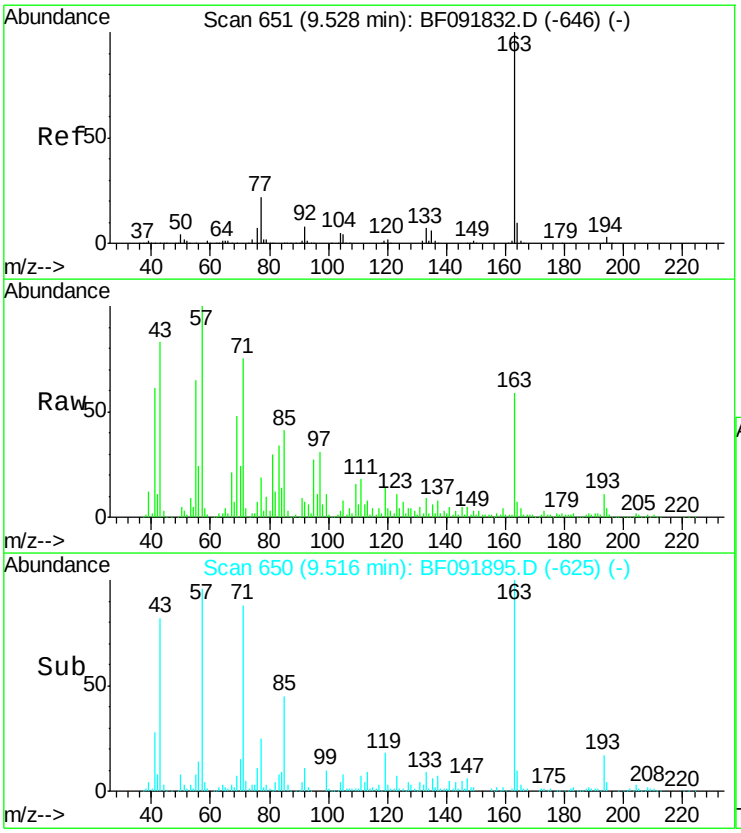
#44
2-Fluorobiphenyl
Concen: 138.11 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.01 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:172 Resp: 1827108

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.9	20.2	30.4

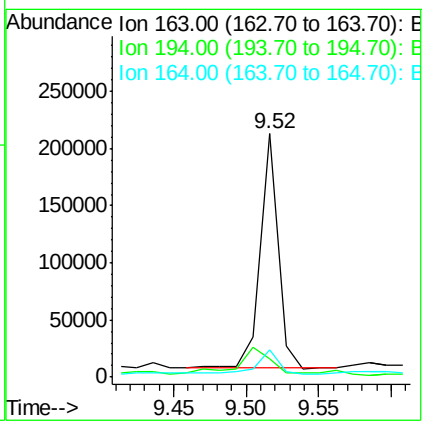


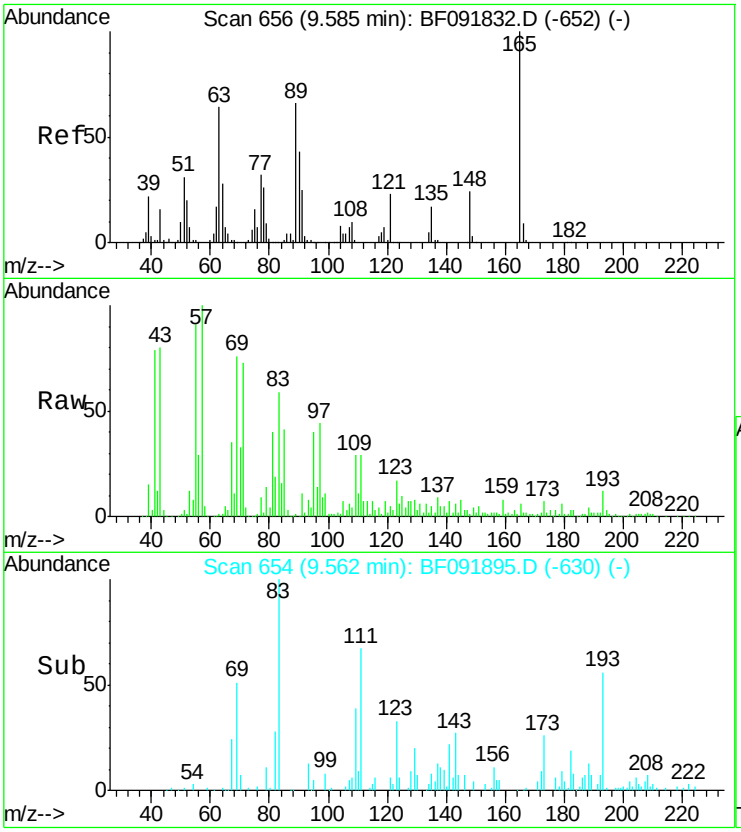


#49
Dimethylphthalate
Concen: 9.61 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Tgt Ion:163 Resp: 176987

Ion	Ratio	Lower	Upper
163	100		
194	7.6	3.0	4.4#
164	11.1	8.0	12.0



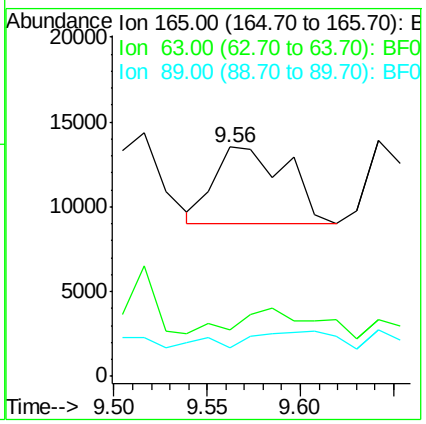


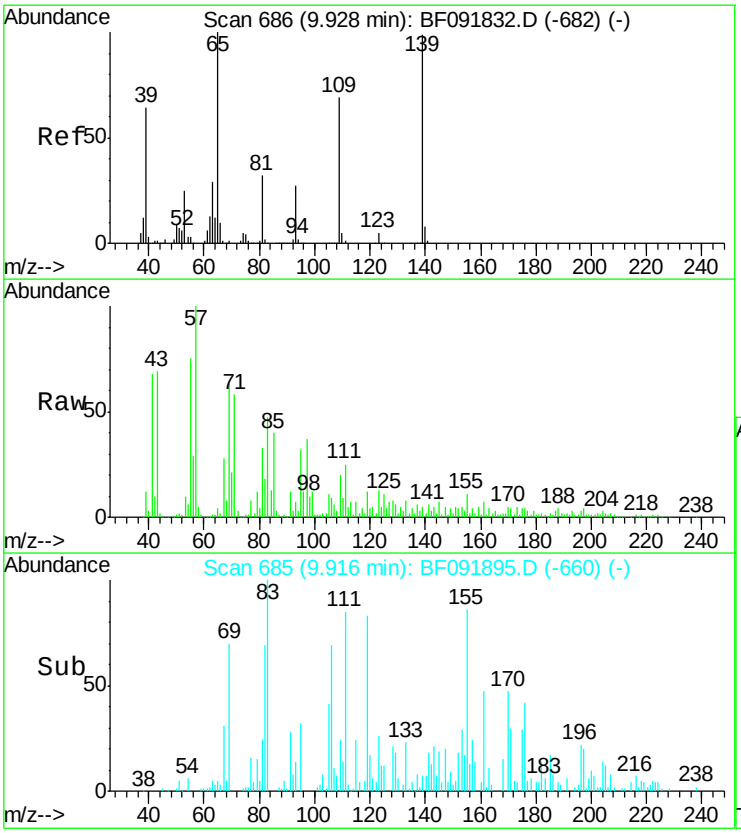
#50
2,6-Dinitrotoluene
Concen: 3.02 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:165 Resp: 12169

Ion	Ratio	Lower	Upper
165	100		
63	20.2	36.2	54.4#
89	12.5	40.2	60.4#

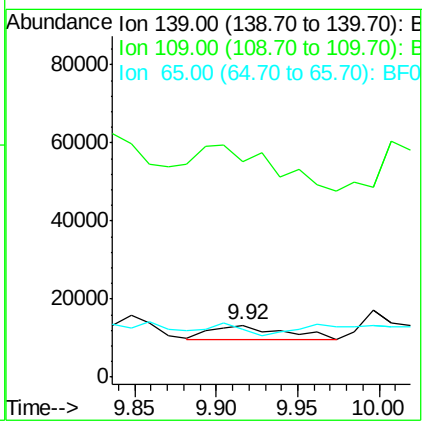


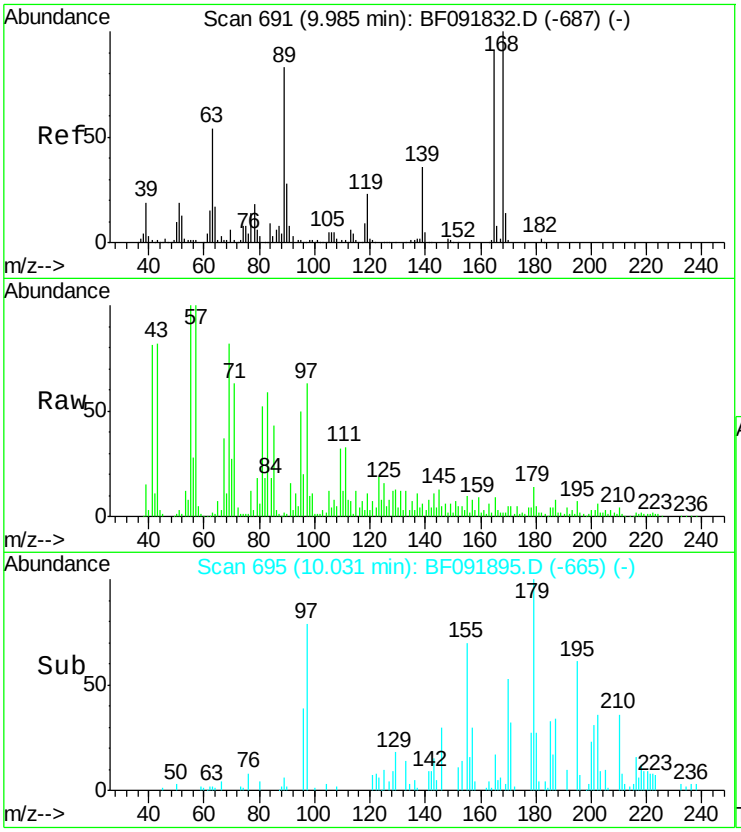


#55
4-Nitrophenol
Concen: 3.45 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Tgt Ion:139 Resp: 11674

Ion	Ratio	Lower	Upper
139	100		
109	415.1	52.2	92.2#
65	91.6	85.8	125.8



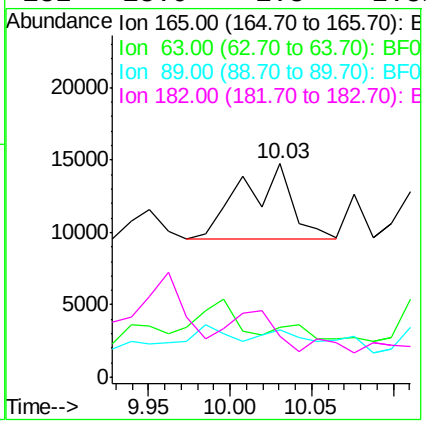


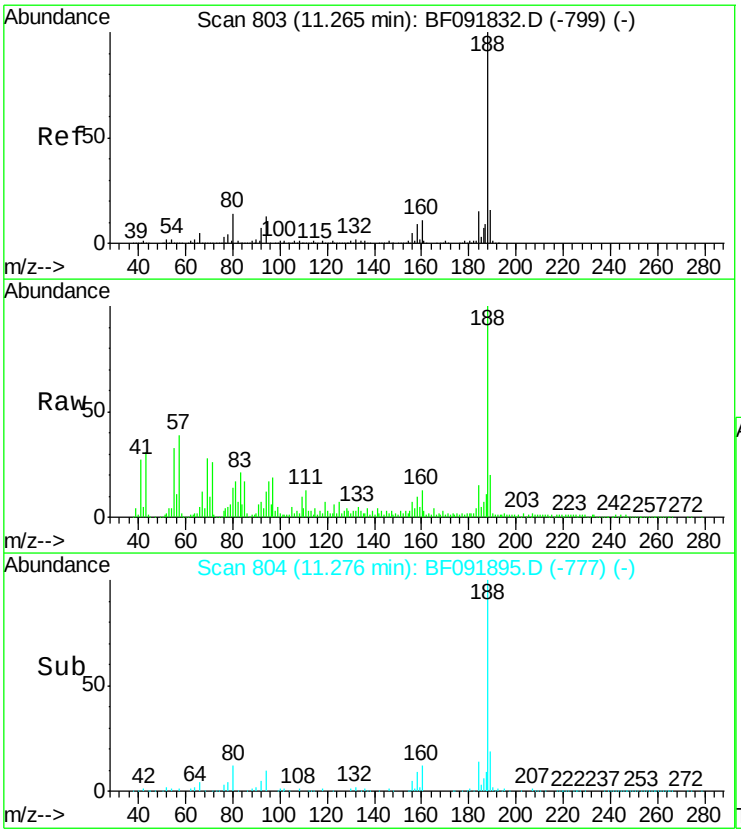
#56
2,4-Dinitrotoluene
Concen: 2.22 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.05 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:165 Resp: 11243

Ion	Ratio	Lower	Upper
165	100		
63	23.4	40.2	60.4#
89	22.2	62.5	93.7#
182	18.9	1.8	2.8#

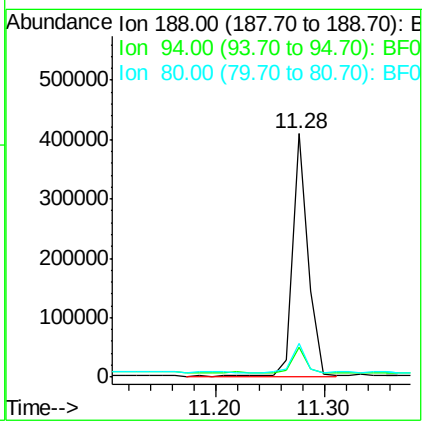


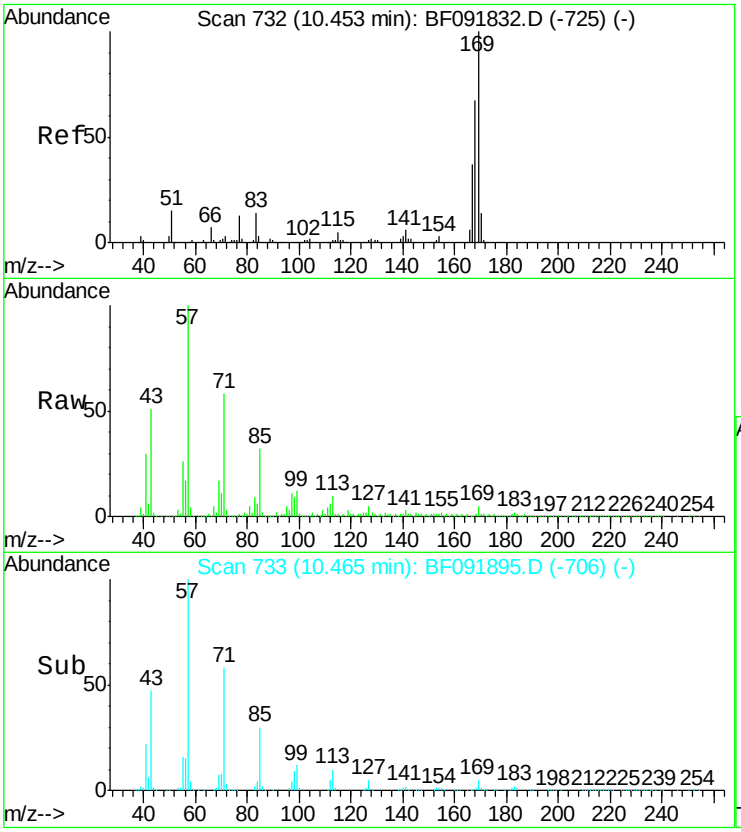


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Tgt Ion:188 Resp: 404073

Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.0	15.0
80	13.8	11.2	16.8



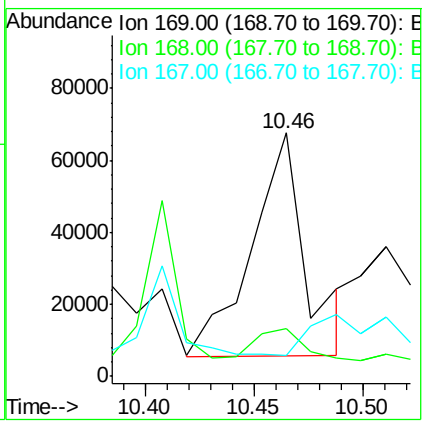


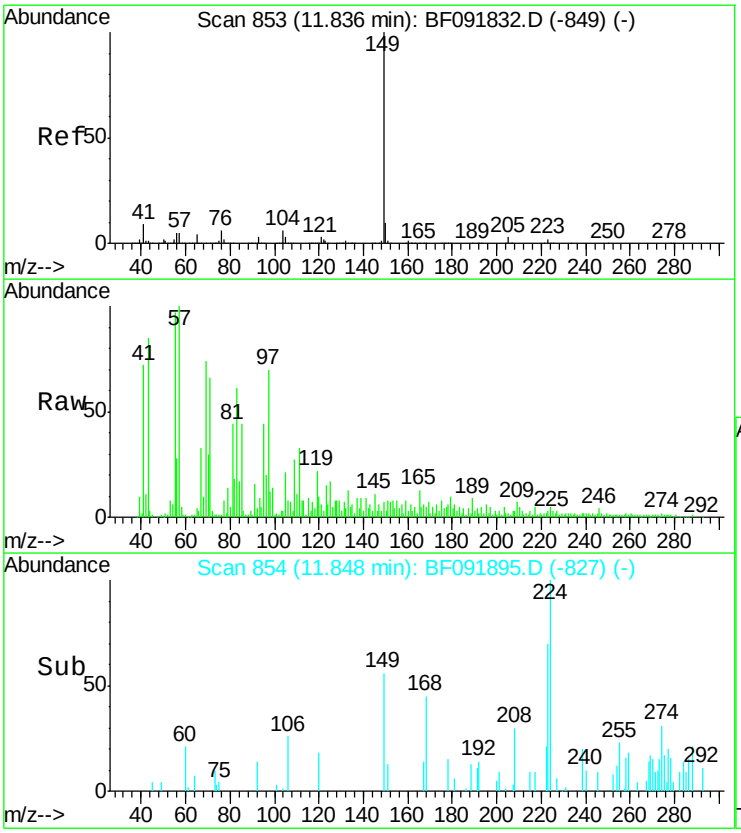
#65
n-Nitrosodiphenylamine
Concen: 9.00 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:169 Resp: 107971

Ion	Ratio	Lower	Upper
169	100		
168	19.7	54.2	81.2#
167	8.7	30.2	45.4#

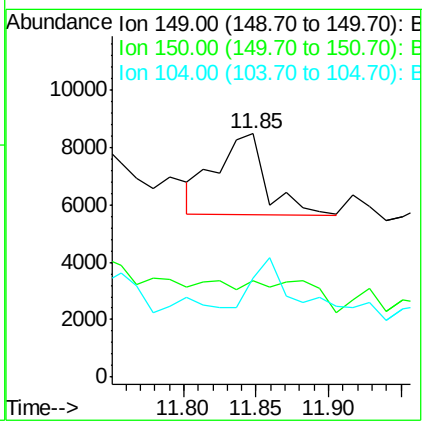


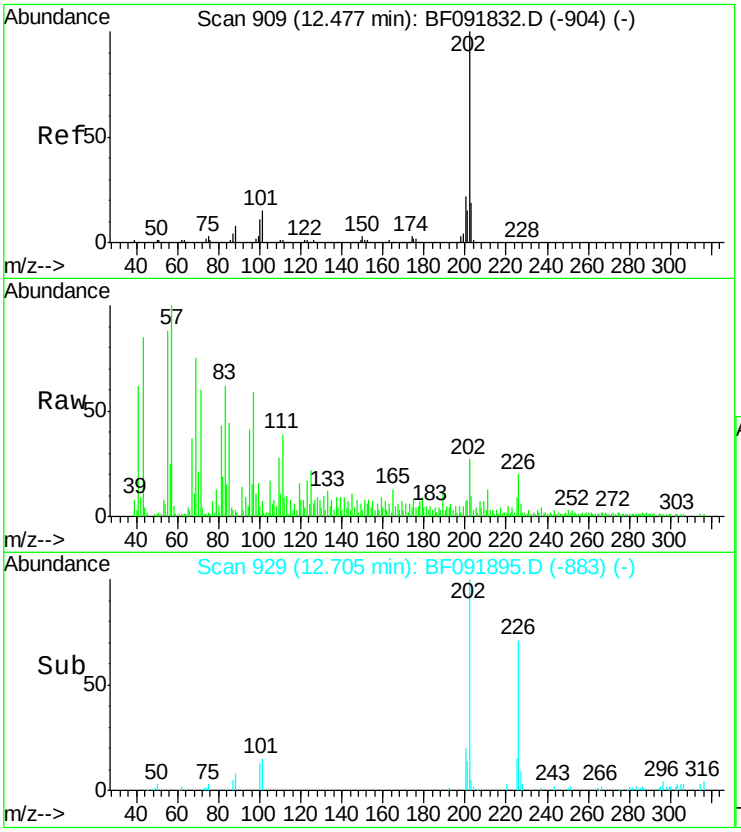


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.85 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Tgt Ion:149 Resp: 6760

Ion	Ratio	Lower	Upper
149	100		
150	39.8	8.1	12.1#
104	40.6	4.6	7.0#



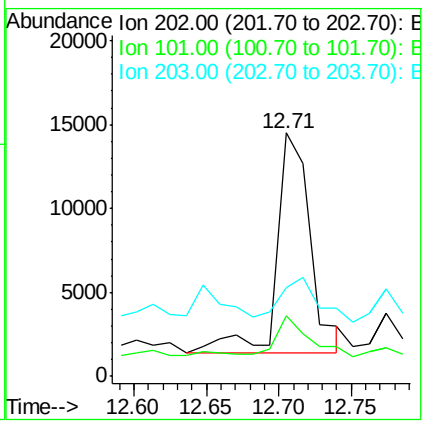


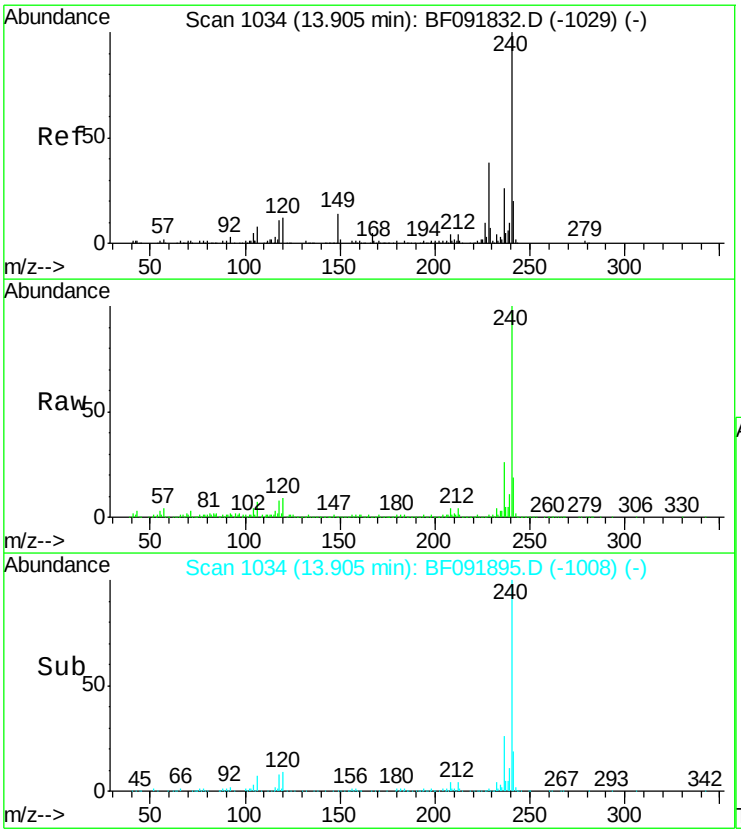
#74
Fluoranthene
Concen: Below Cal
RT: 12.71 min Scan# 929
Delta R.T. 0.23 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:202 Resp: 20979

Ion	Ratio	Lower	Upper
202	100		
101	25.1	0.0	34.6
203	36.4	0.0	38.7

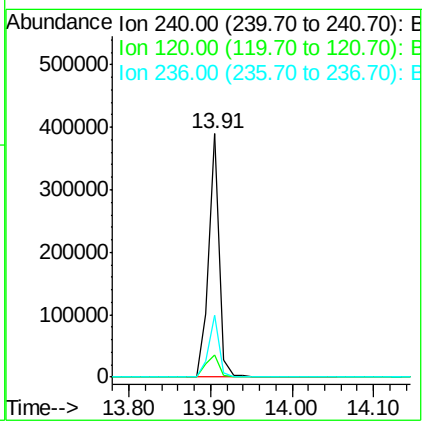


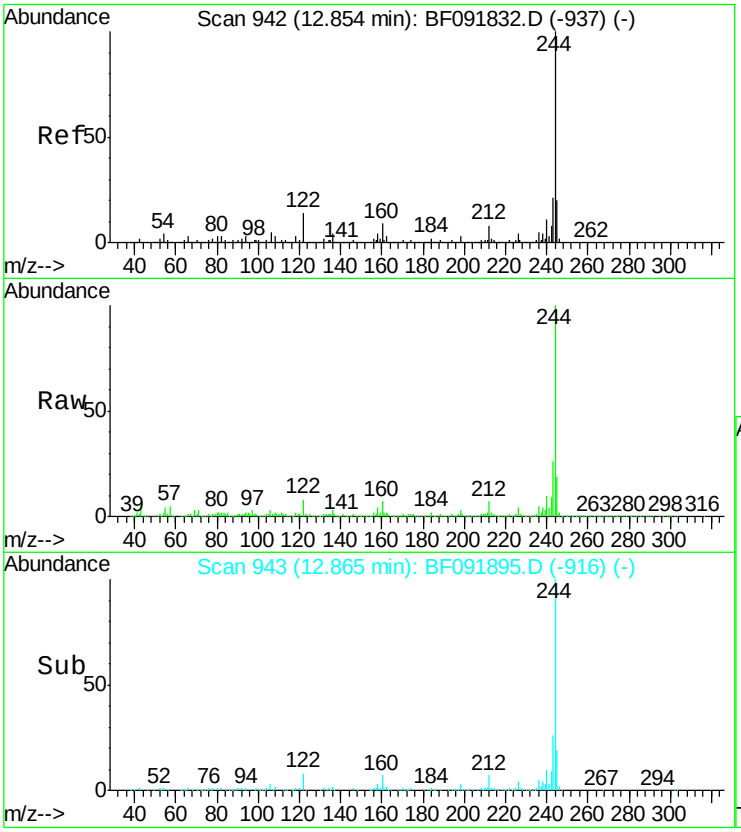


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Tgt Ion:240 Resp: 363819

Ion	Ratio	Lower	Upper
240	100		
120	9.2	12.9	19.3#
236	25.7	20.9	31.3



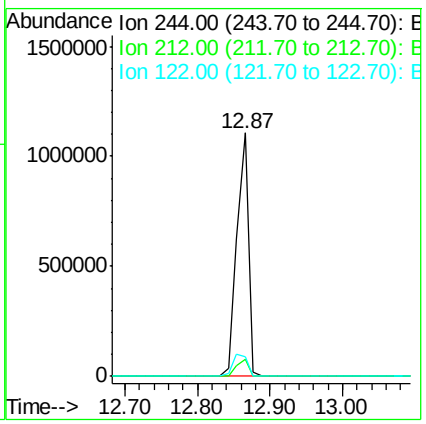


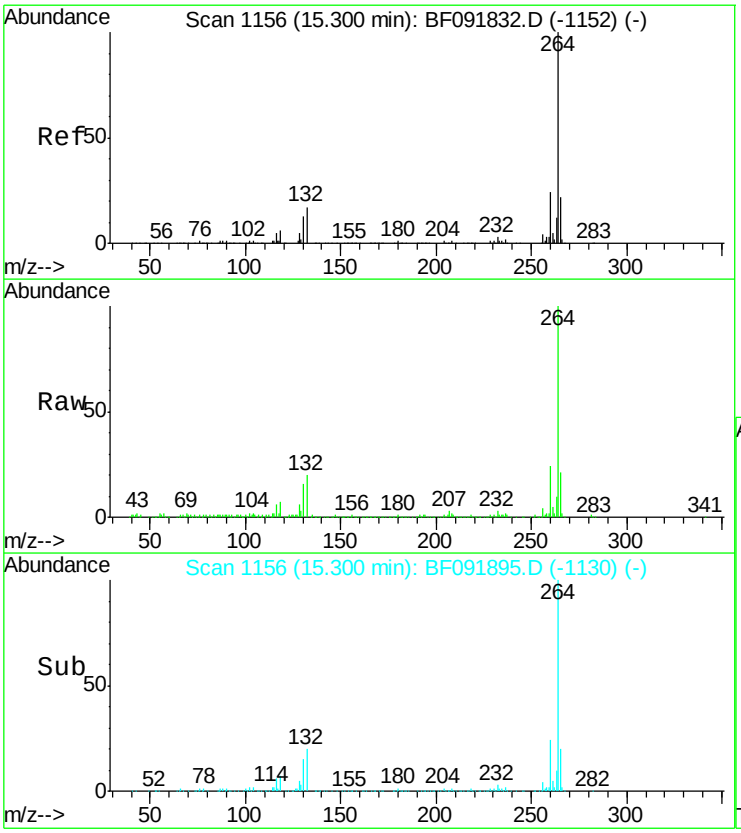
#78
Terphenyl-d14
Concen: 82.16 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:244 Resp: 1232481

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	8.1	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091895.D
Acq: 22 Dec 2016 19:26

Tgt Ion:264 Resp: 316283

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.6	17.4	26.0