Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091490.D
Acq On : 8 Dec 2016 00:54
Operator : UM/SJ
Sample : H5882-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-CUTTINGS-SVP-18

Quant Time: Dec 08 01:23:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	155570	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	592222	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	320899	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	482892	20.00	ng		0.00
75) Chrysene-d12	13.98	240	410219	20.00	ng		0.00
86) Perylene-d12	15.40	264	311537	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1071794	112.55	ng		0.02
7) Phenol-d6	6.47	99	1012887	86.40	ng		0.00
23) Nitrobenzene-d5	7.40	82	726172	68.72	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	350014	115.21	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1636895	92.36	ng		-0.01
78) Terphenyl-d14	12.94	244	1337022	70.84	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	27577	3.66	ng		88
19) n-Nitroso-di-n-propylamine	7.40	70	98984	13.40	ng	#	72
25) Isophorone	7.40	82	546161	29.17	ng	#	67
27) 2,4-Dimethylphenol	7.88	122	124138	13.46	ng	#	2
32) Benzoic acid	7.88	122	124138	18.26	ng		96
50) 2,6-Dinitrotoluene	9.86	165	42033	9.68	ng	#	17
56) 2,4-Dinitrotoluene	9.86	165	42035	7.46	ng	#	34
66) 4-Bromophenyl-phenylether	10.65	248	20098	3.87	ng	#	1

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

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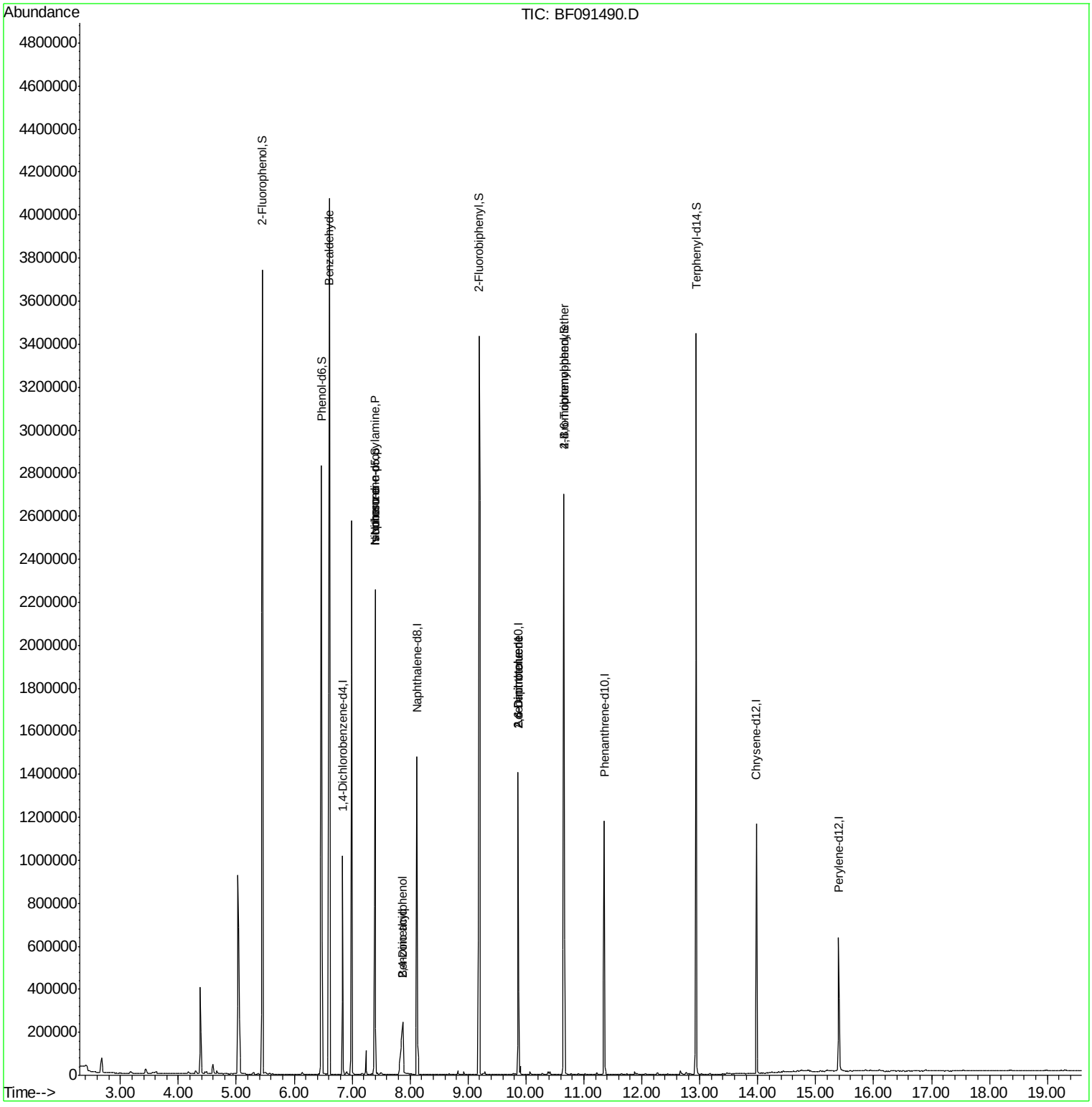
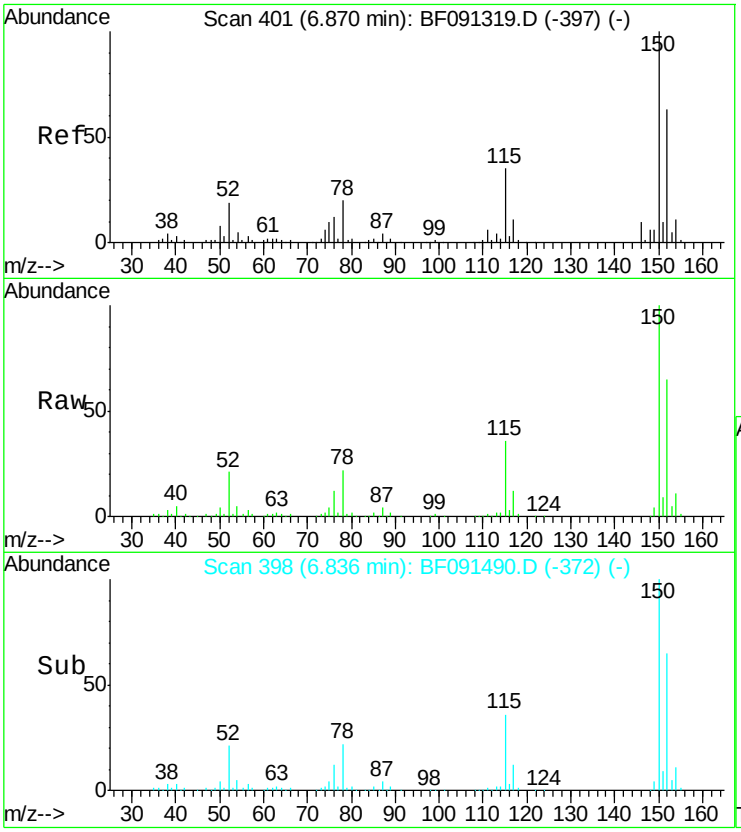


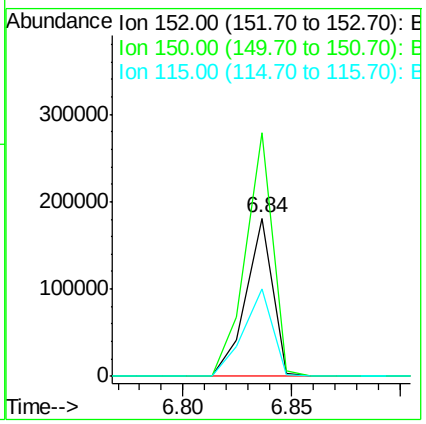


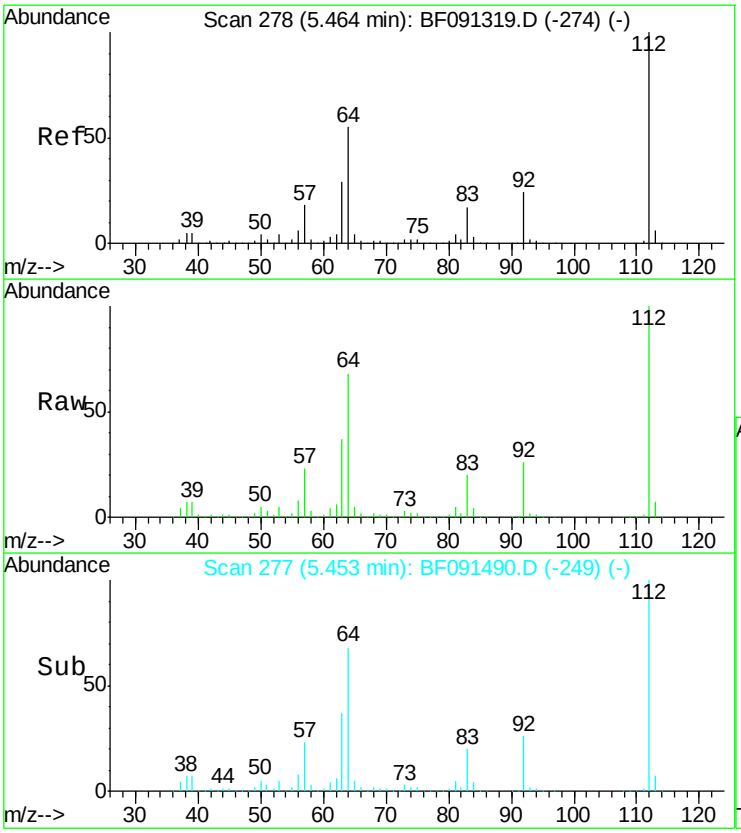
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-SVP-18

Tgt Ion:152 Resp: 155570

Ion	Ratio	Lower	Upper
152	100		
150	153.8	122.5	183.7
115	55.5	51.8	77.8

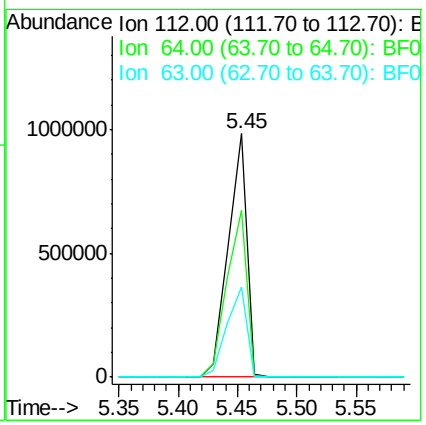


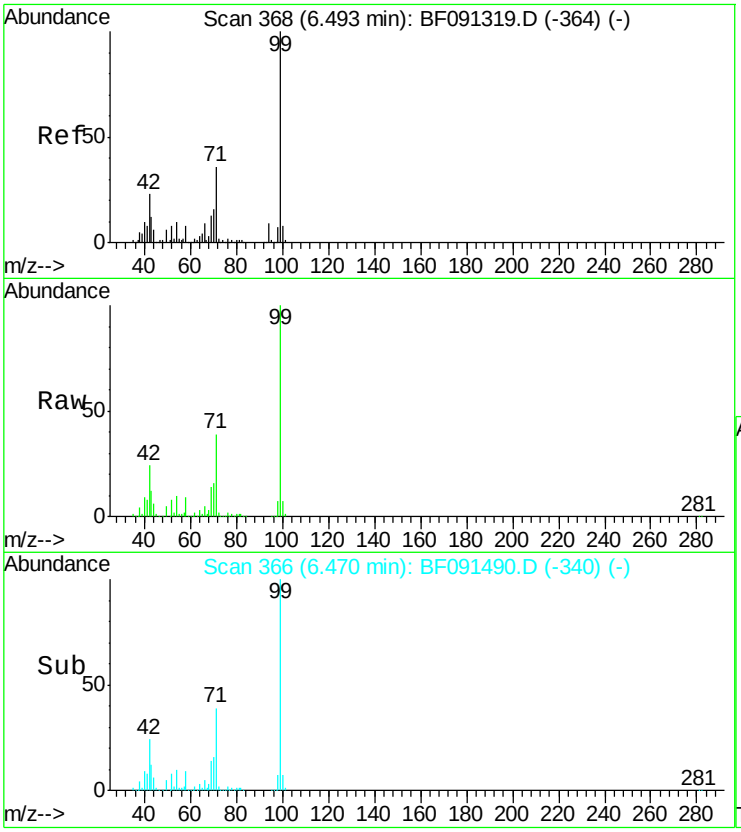


#5
2-Fluorophenol
Concen: 112.55 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.02 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Tgt Ion:112 Resp: 1071794

Ion	Ratio	Lower	Upper
112	100		
64	68.4	61.5	92.3
63	36.8	33.3	49.9



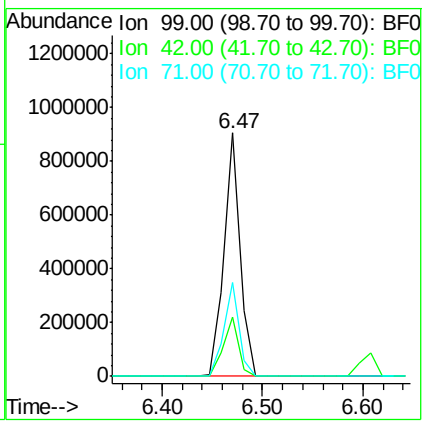


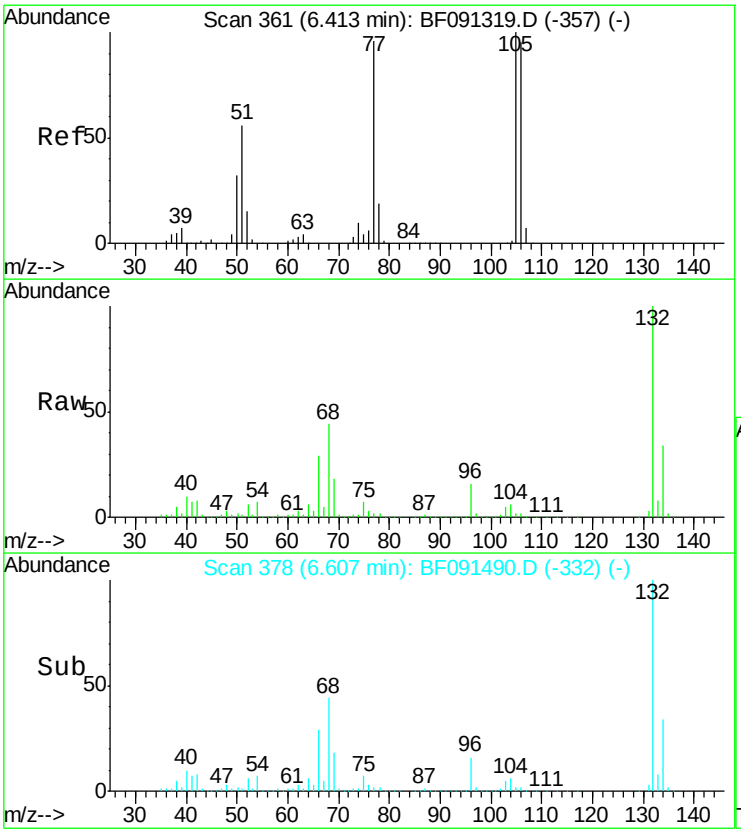
#7
Phenol-d6
Concen: 86.40 ng
RT: 6.47 min Scan# 366
Delta R.T. 0.00 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-SVP-18

Tgt Ion: 99 Resp: 1012887

Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.6	31.0
71	38.5	29.9	44.9

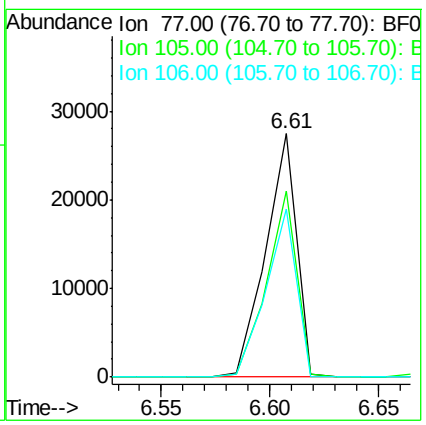


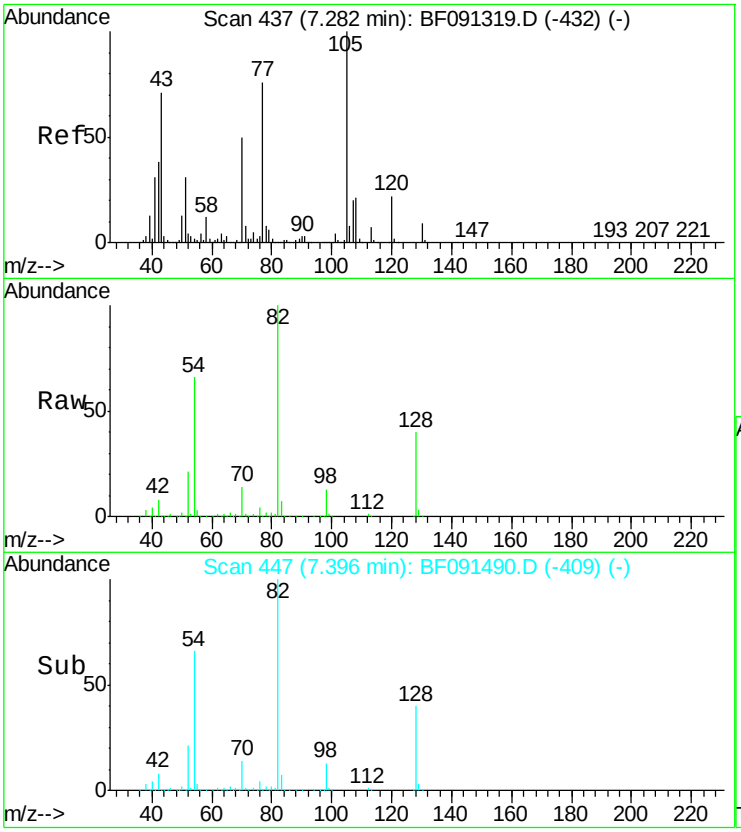


#9
Benzaldehyde
Concen: 3.66 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.23 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Tgt Ion: 77 Resp: 27577

Ion	Ratio	Lower	Upper
77	100		
105	76.5	66.4	106.4
106	69.3	60.9	100.9



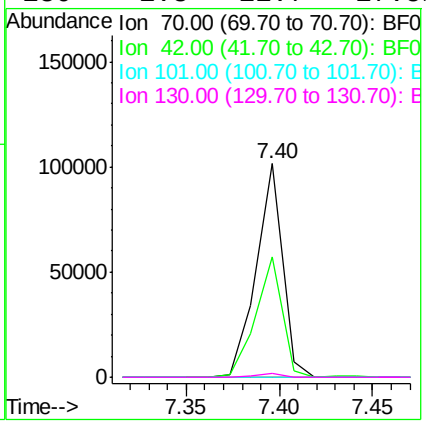


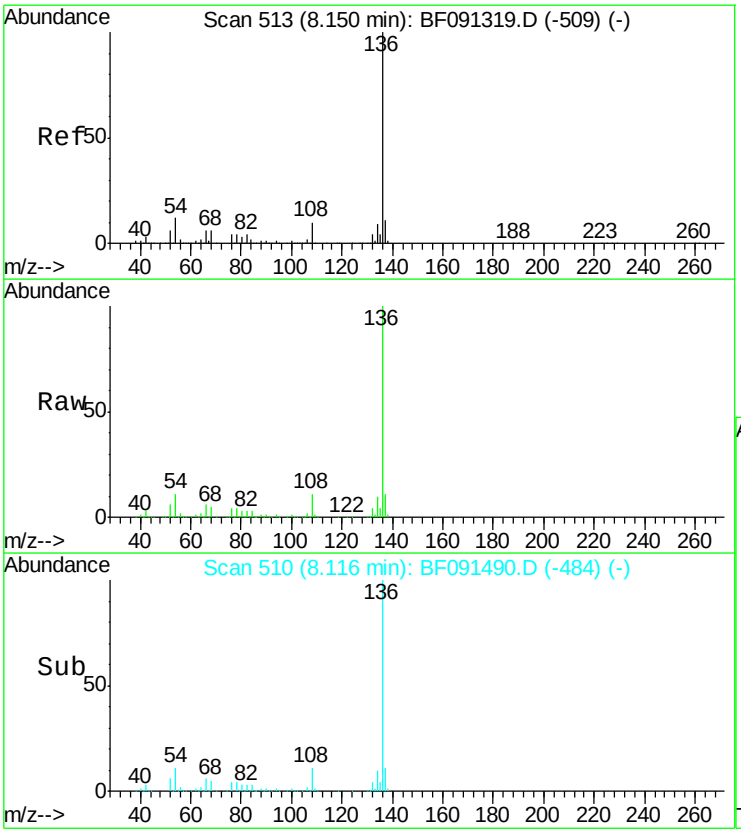
#19
n-Nitroso-di-n-propylamine
Concen: 13.40 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-SVP-18

Tgt Ion: 70 Resp: 98984

Ion	Ratio	Lower	Upper
70	100		
42	56.1	64.8	97.2#
101	0.0	6.2	9.4#
130	1.8	11.7	17.5#

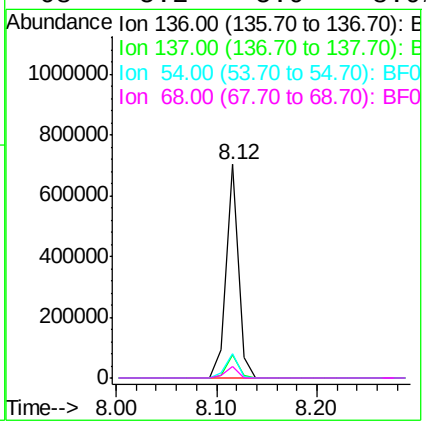


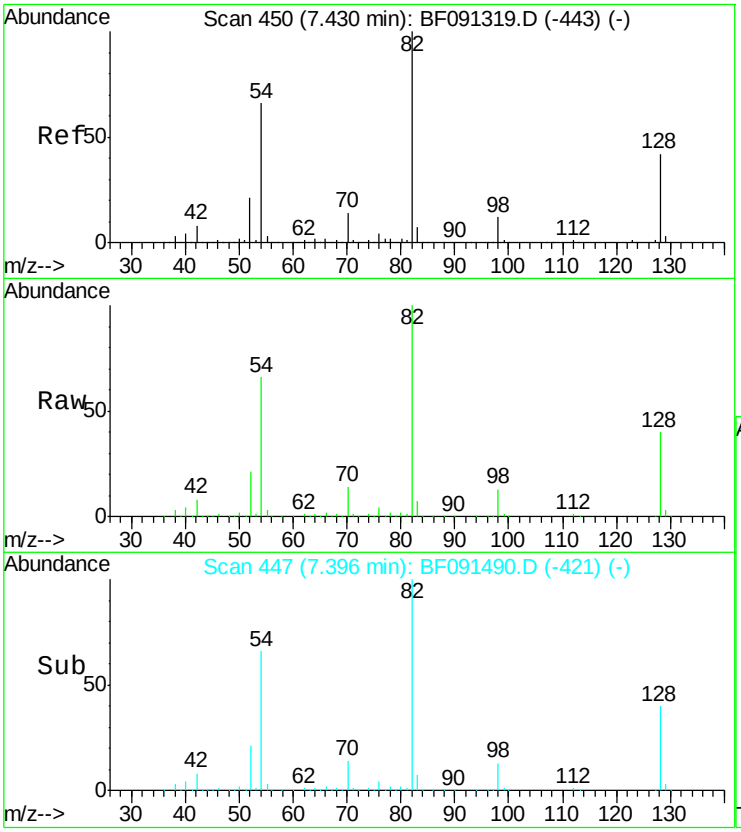


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Tgt Ion:136 Resp: 592222

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	11.3	9.1	13.7
68	5.2	5.9	8.9#



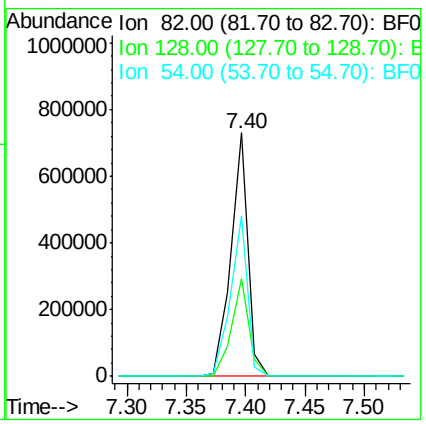


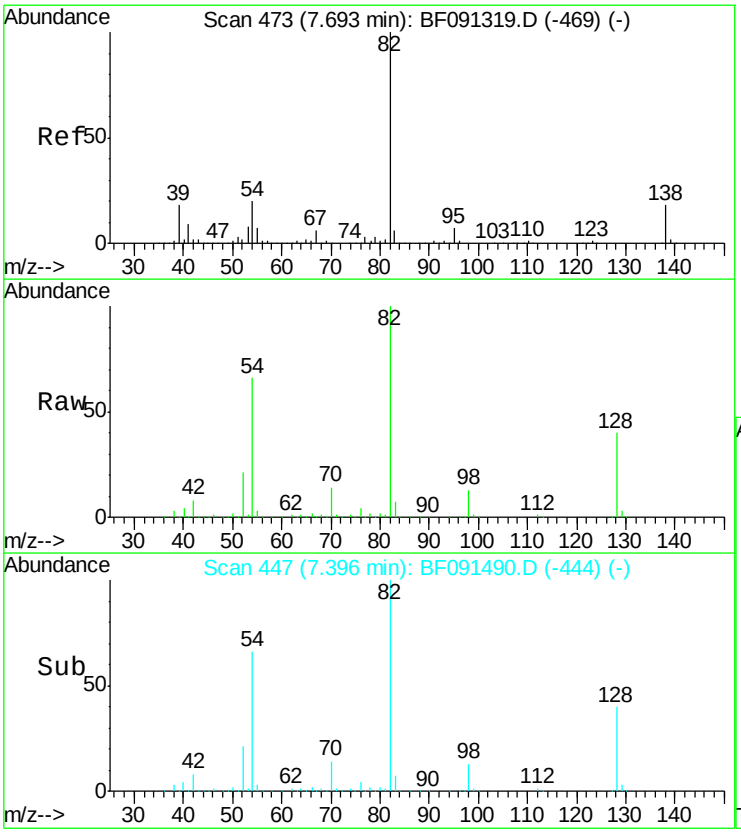
#23
Nitrobenzene-d5
Concen: 68.72 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-SVP-18

Tgt Ion: 82 Resp: 726172

Ion	Ratio	Lower	Upper
82	100		
128	40.2	31.8	47.6
54	65.8	49.1	73.7

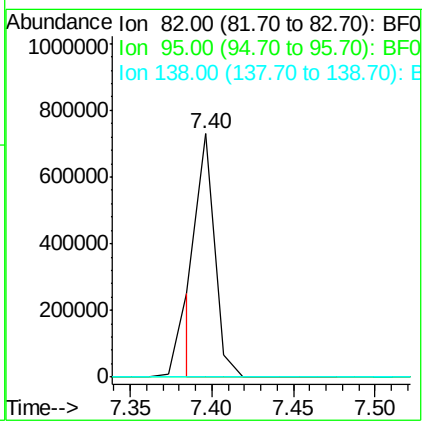


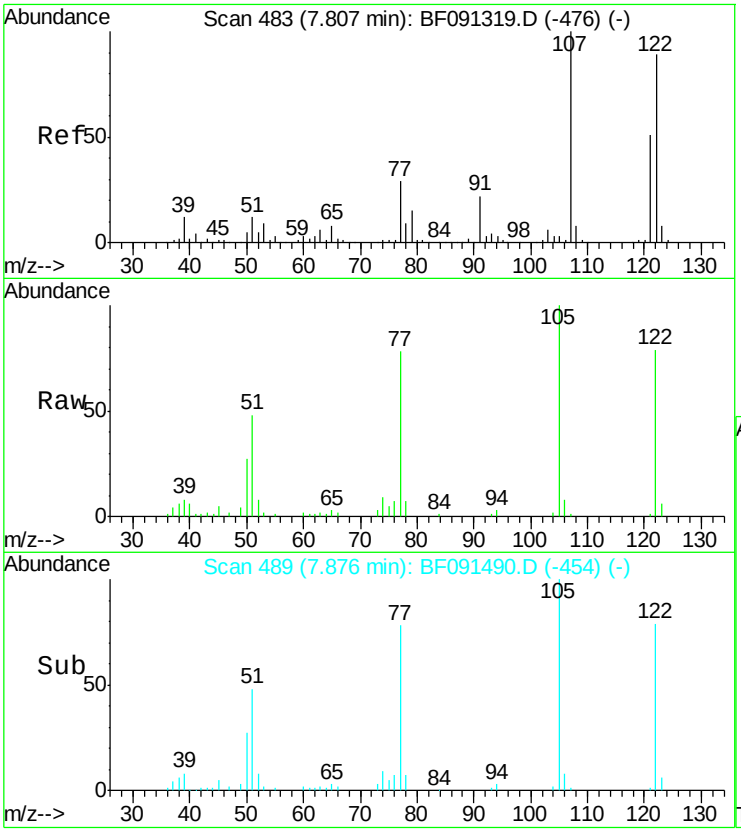


#25
Isophorone
Concen: 29.17 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.26 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Tgt Ion: 82 Resp: 546161

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.4	20.0#



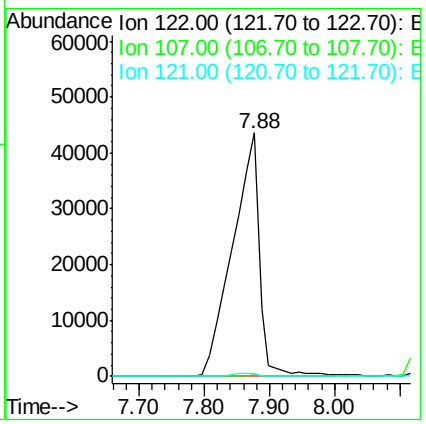


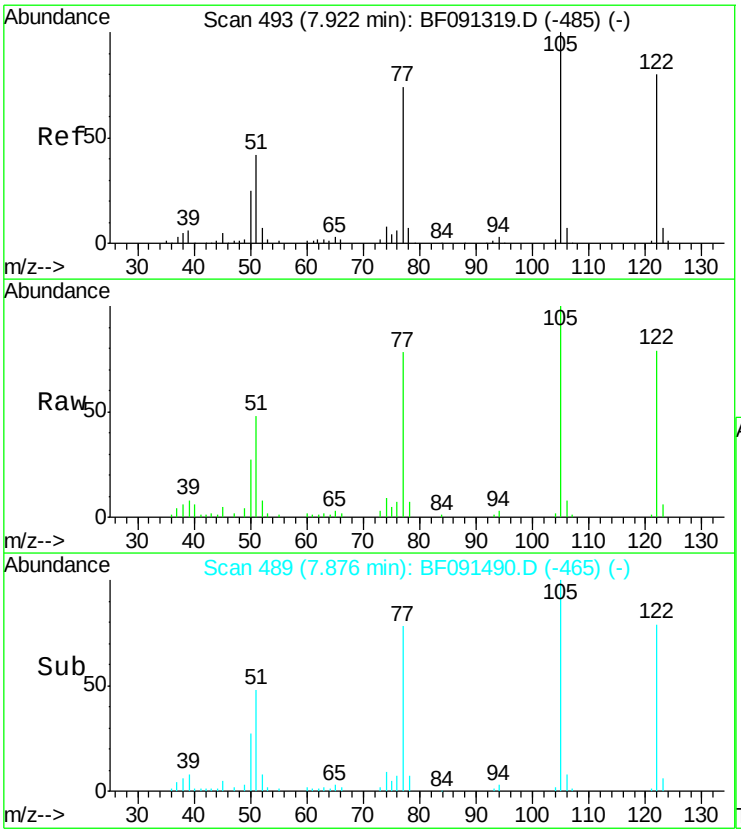
#27
2,4-Dimethylphenol
Concen: 13.46 ng
RT: 7.88 min Scan# 489
Delta R.T. 0.10 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-SVP-18

Tgt Ion:122 Resp: 124138

Ion	Ratio	Lower	Upper
122	100		
107	0.9	96.8	145.2#
121	1.3	47.7	71.5#

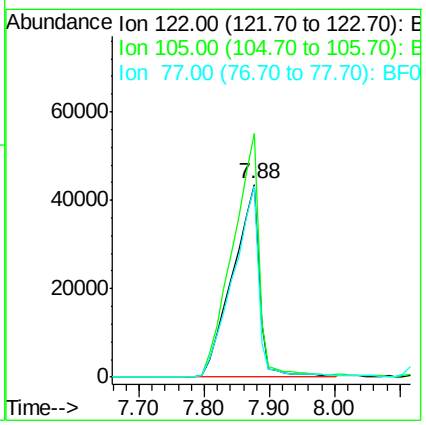


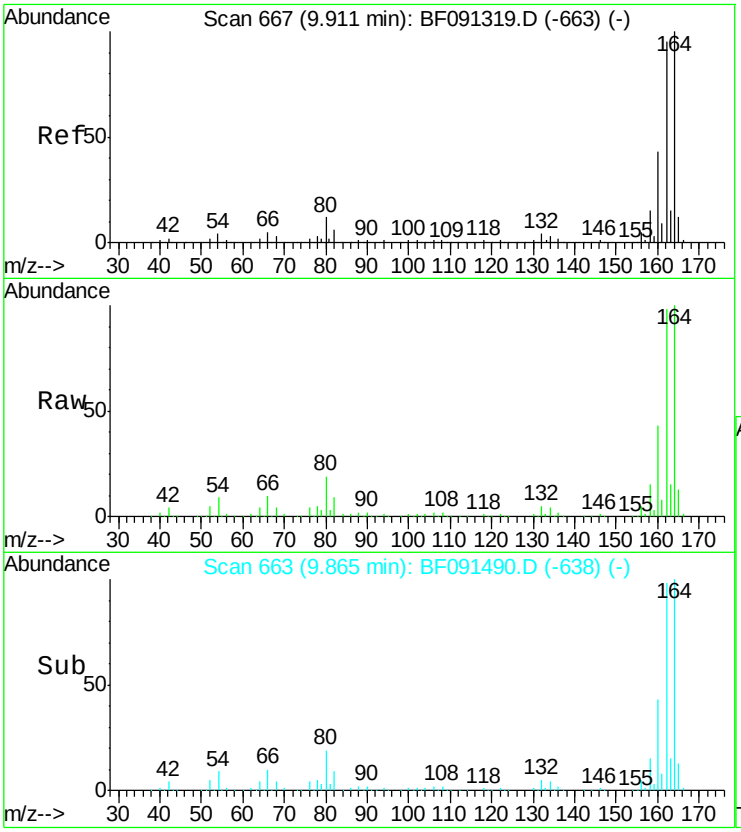


#32
Benzoic acid
Concen: 18.26 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Tgt Ion:122 Resp: 124138

Ion	Ratio	Lower	Upper
122	100		
105	126.3	113.0	153.0
77	99.1	82.0	122.0



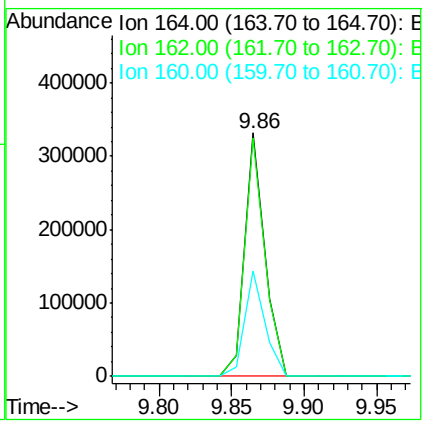


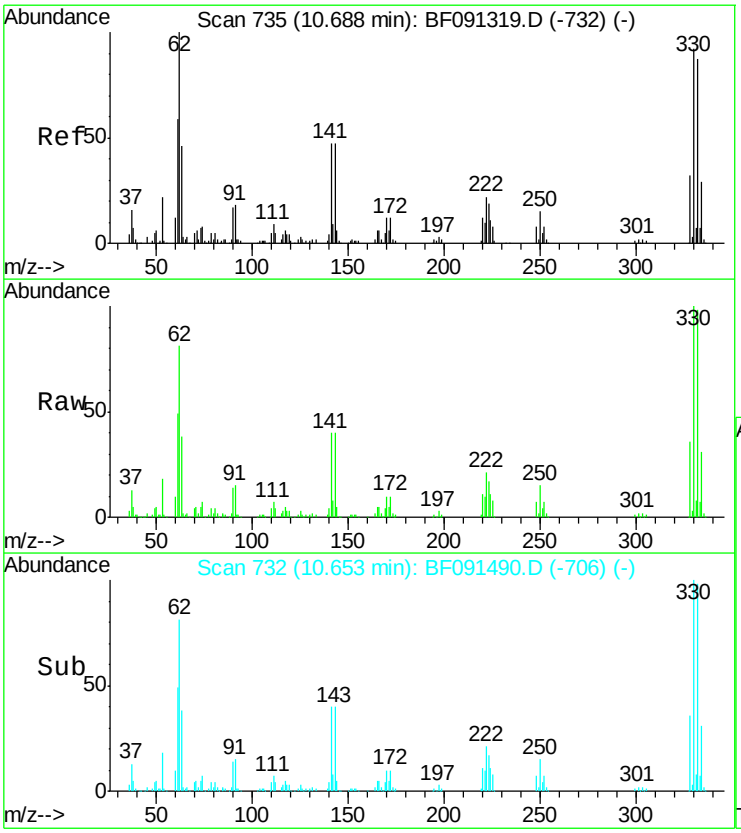
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-SVP-18

Tgt Ion:164 Resp: 320899

Ion	Ratio	Lower	Upper
164	100		
162	97.7	82.6	124.0
160	43.3	36.7	55.1

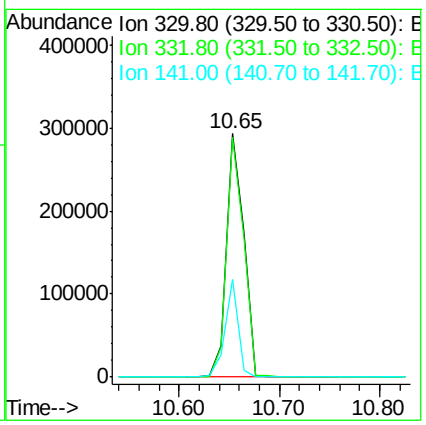


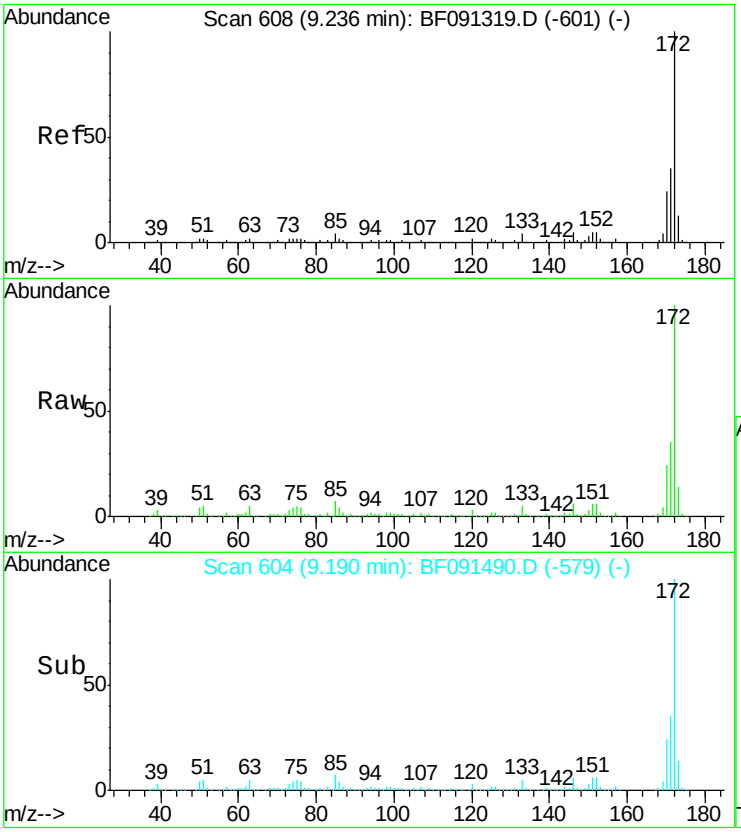


#41
2,4,6-Tribromophenol
Concen: 115.21 ng
RT: 10.65 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Tgt Ion:330 Resp: 350014

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.2	114.4
141	30.5	33.6	50.4#



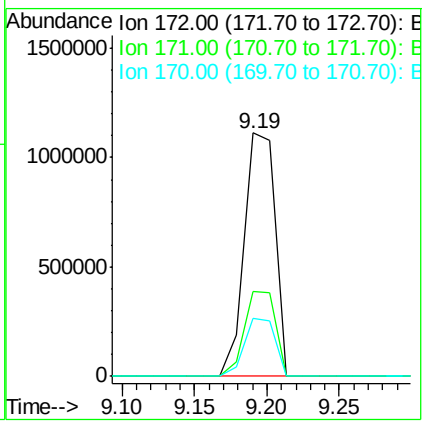


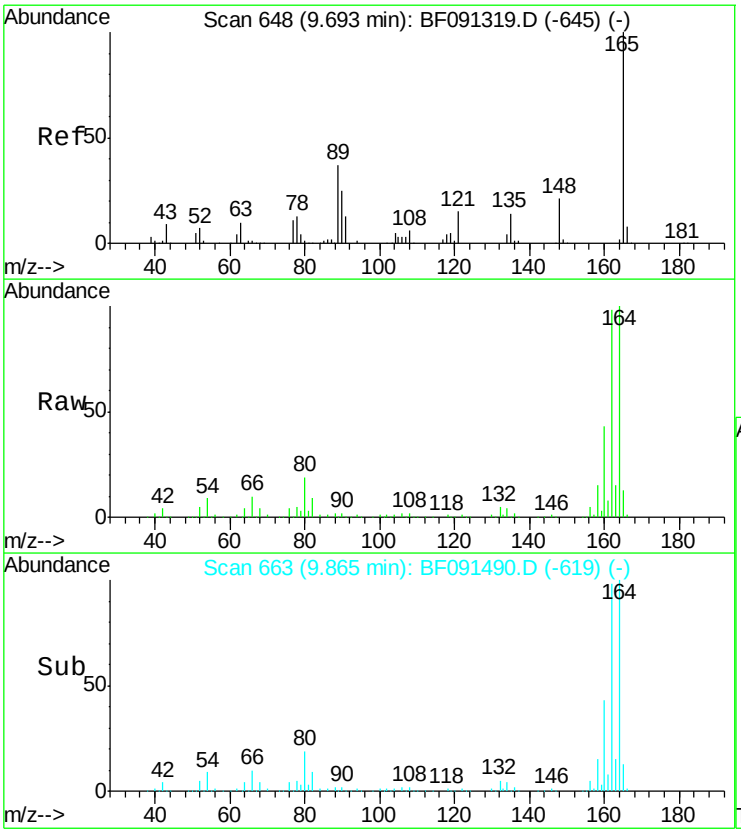
#44
2-Fluorobiphenyl
Concen: 92.36 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-SVP-18

Tgt Ion:172 Resp: 1636895

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.0
170	23.9	19.7	29.5

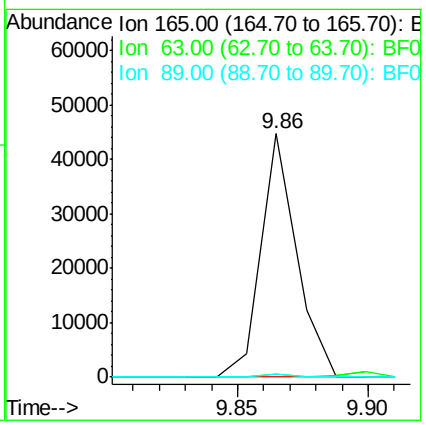


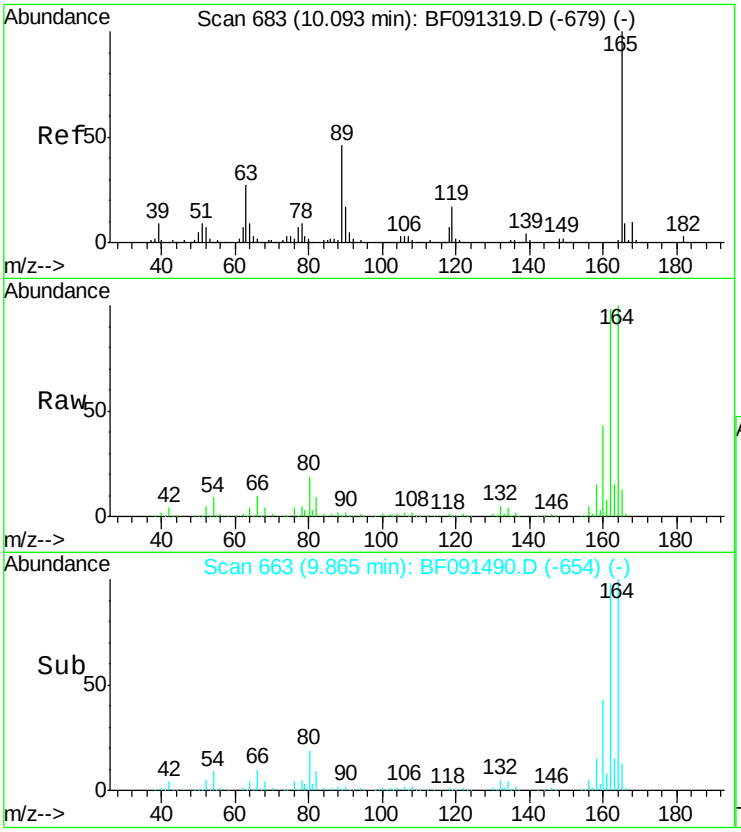


#50
2,6-Dinitrotoluene
Concen: 9.68 ng
RT: 9.86 min Scan# 663
Delta R.T. 0.21 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Tgt Ion:165 Resp: 42033

Ion	Ratio	Lower	Upper
165	100		
63	1.4	59.4	89.0#
89	1.0	50.8	76.2#



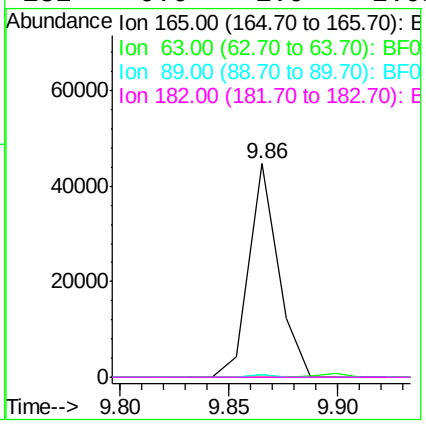


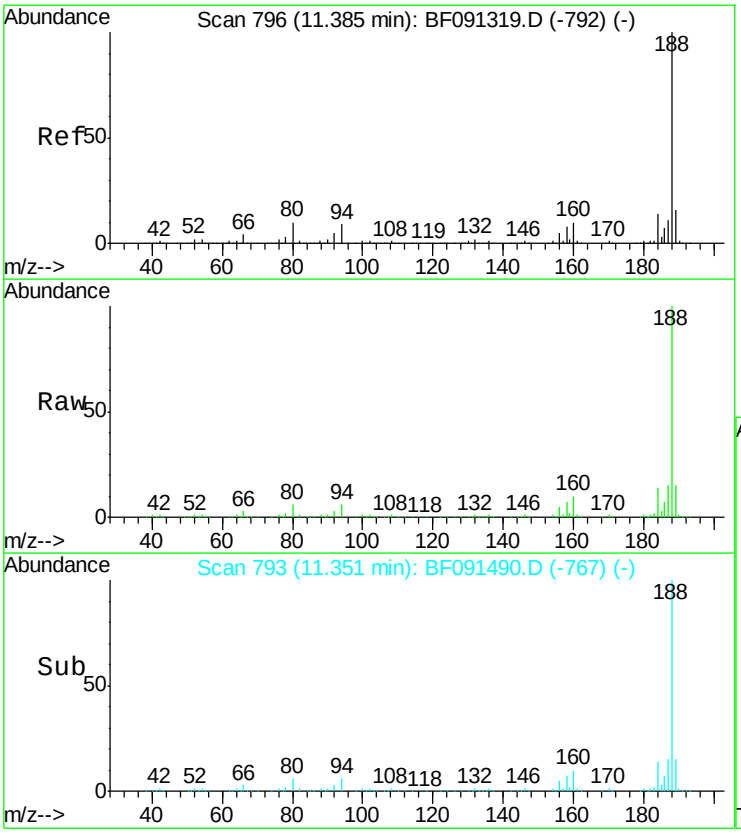
#56
2,4-Dinitrotoluene
Concen: 7.46 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.19 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-SVP-18

Tgt Ion:165 Resp: 42035

Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.0	43.4#
89	1.0	43.1	64.7#
182	0.0	1.9	2.9#

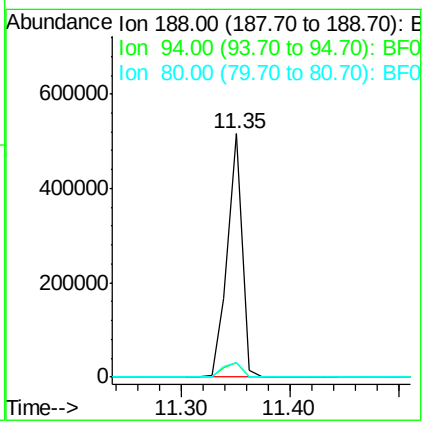


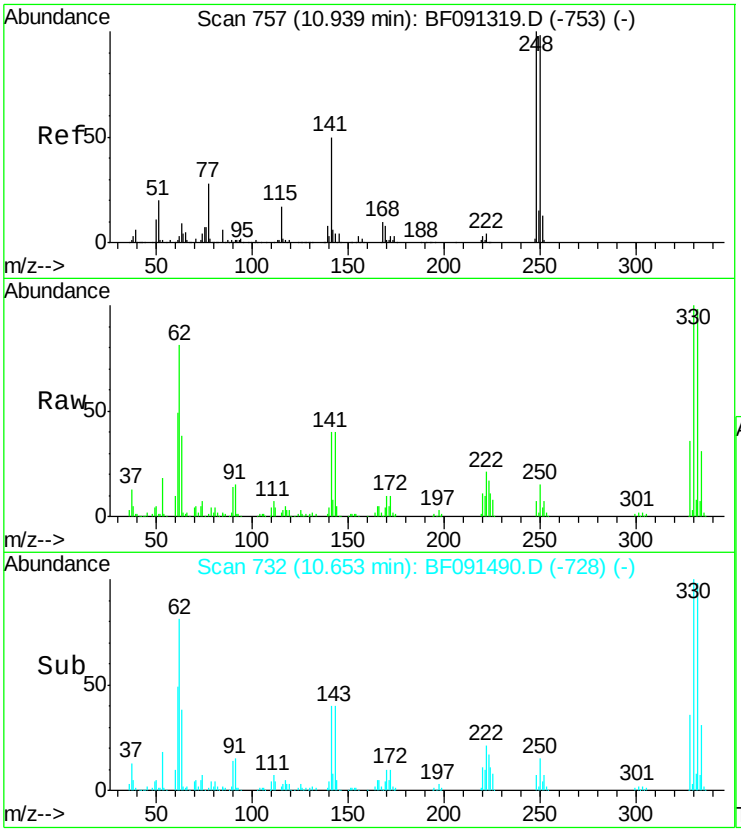


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Tgt Ion:188 Resp: 482892

Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.2	13.8#
80	6.0	10.5	15.7#



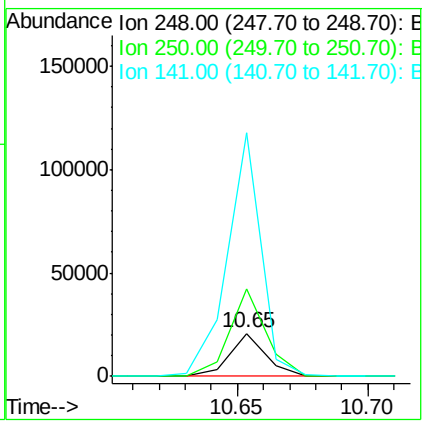


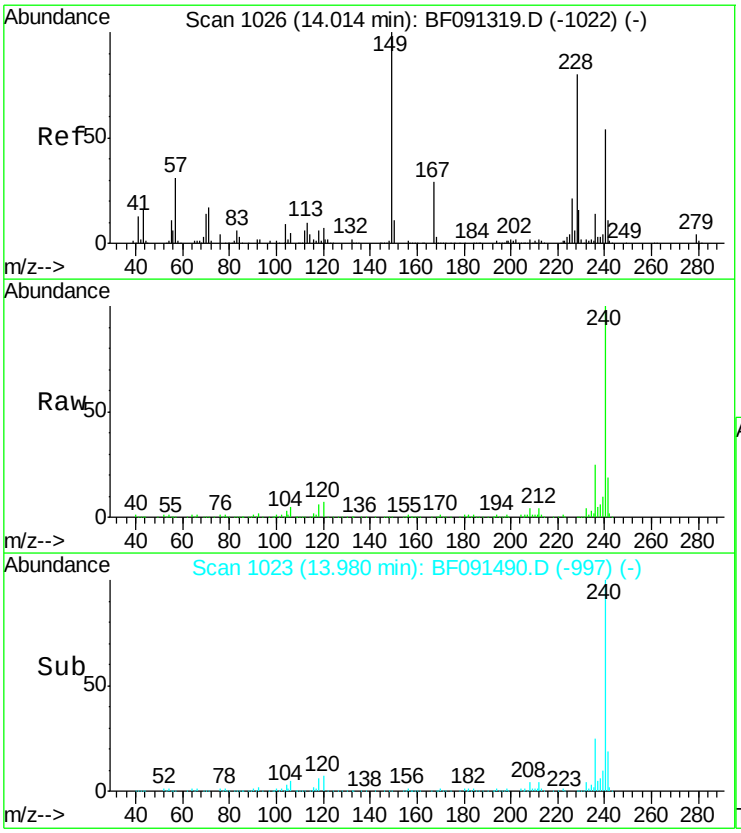
#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.25 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-SVP-18

Tgt Ion:248 Resp: 20098

Ion	Ratio	Lower	Upper
248	100		
250	205.5	78.2	117.4#
141	568.5	71.9	107.9#

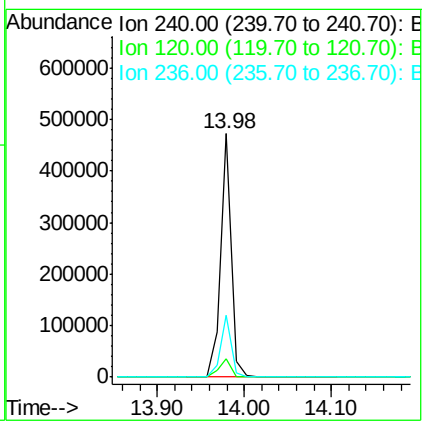


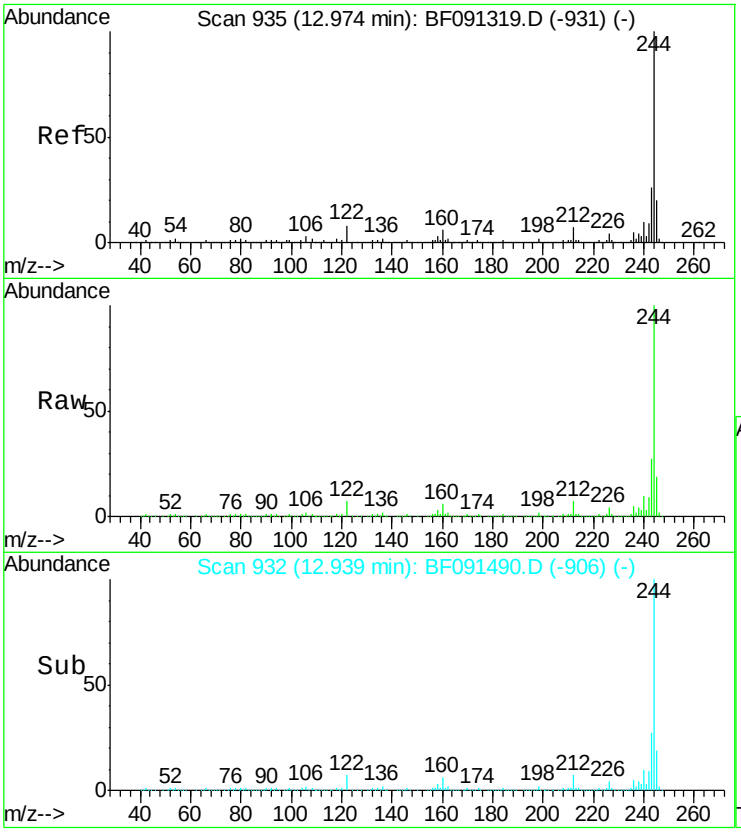


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Tgt Ion:240 Resp: 410219

Ion	Ratio	Lower	Upper
240	100		
120	7.3	12.1	18.1#
236	25.2	21.0	31.6



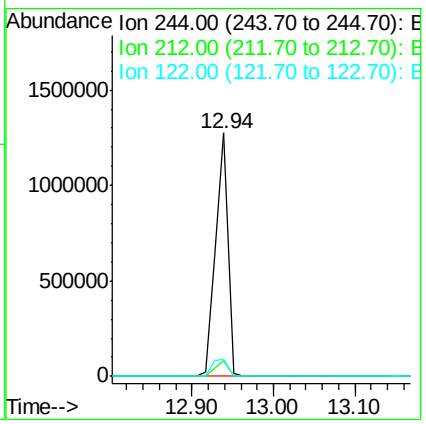


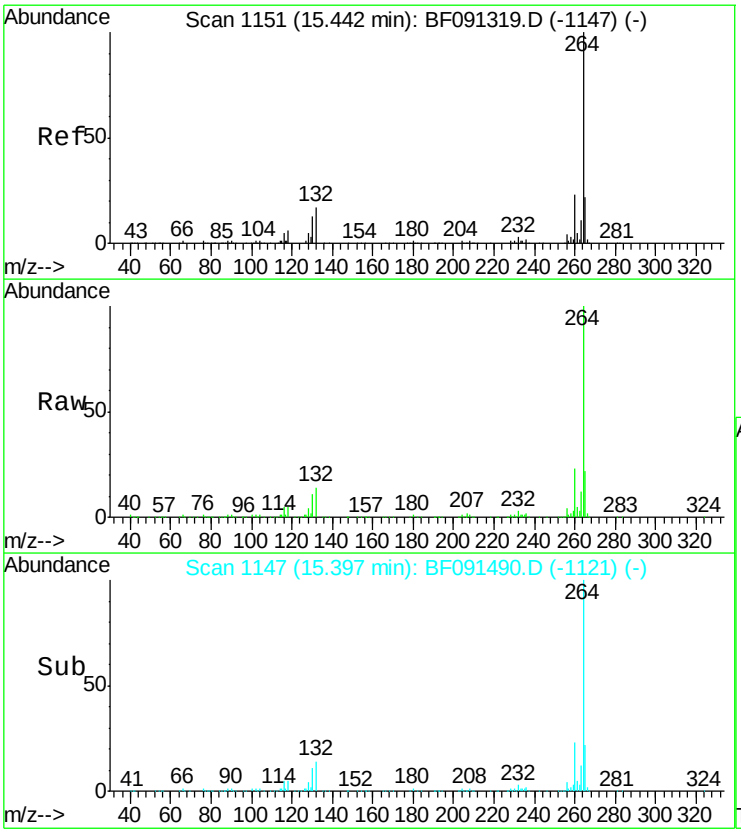
#78
Terphenyl-d14
Concen: 70.84 ng
RT: 12.94 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-SVP-18

Tgt Ion:244 Resp: 1337022

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	6.8	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Tgt Ion:264 Resp: 311537

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	22.0	17.0	25.6