Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091552.D
Acq On : 13 Dec 2016 14:27
Operator : UM/SJ
Sample : H5940-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS08-0-2IN

Quant Time: Dec 14 00:17:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	293298	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	1243064	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	585476	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	896352	20.00	ng		0.00
75) Chrysene-d12	13.96	240	623470	20.00	ng		0.00
86) Perylene-d12	15.37	264	552078	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2029989	116.61	ng		0.01
7) Phenol-d6	6.45	99	2224958	102.52	ng		0.00
23) Nitrobenzene-d5	7.38	82	1741286	78.18	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	458296	94.24	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1858399	54.85	ng		-0.01
78) Terphenyl-d14	12.91	244	1449371	52.75	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	44537	2.98	ng		86
10) Phenol	6.46	94	58027	2.29	ng		84
15) Benzyl Alcohol	6.97	79	34945	2.04	ng	#	42
19) n-Nitroso-di-n-propylamine	7.38	70	232514	17.13	ng	#	62
20) 3+4-Methylphenols	7.23	107	542	Below Cal			83
32) Benzoic acid	8.11	122	1558	5.00	ng	#	26
49) Dimethylphthalate	9.57	163	1011281	27.28	ng		99
53) 2,4-Dinitrophenol	9.69	184	630	2.20	ng	#	1
56) 2,4-Dinitrotoluene	9.85	165	76030	7.45	ng	#	34
57) Fluorene	10.40	166	4417	Below Cal			96
64) 4,6-Dinitro-2-methylphenol	10.64	198	1389	3.18	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	31498	3.43	ng	#	1
74) Fluoranthene	12.53	202	167993	3.61	ng		96
77) Pyrene	12.76	202	142242	2.88	ng		96
87) Benzo(b)fluoranthene	14.97	252	106295	3.23	ng	#	98
88) Benzo(k)fluoranthene	14.97	252	106295	3.67	ng		98

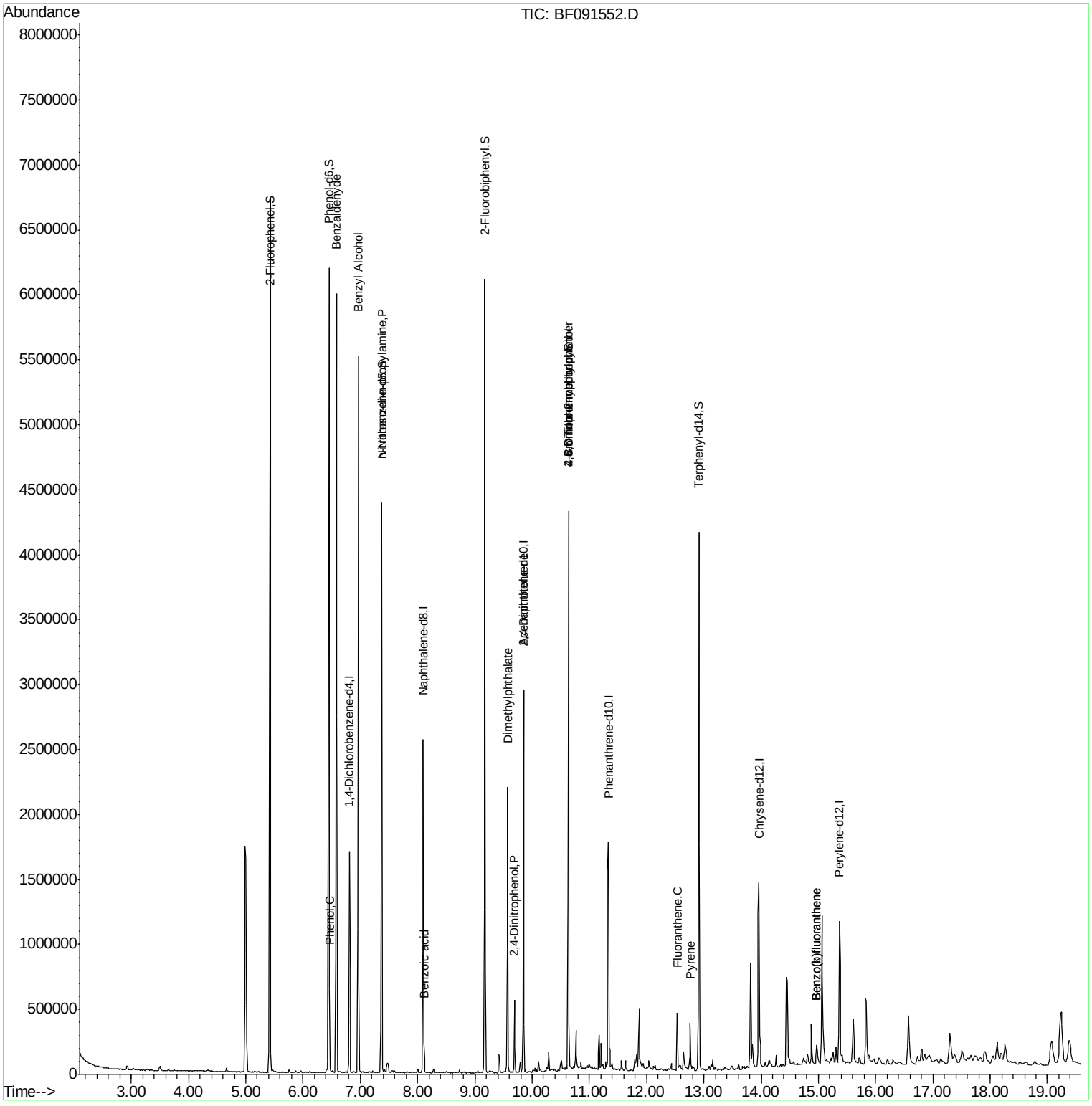
(#) = qualifier out of range (m) = manual integration (+) = signals summed

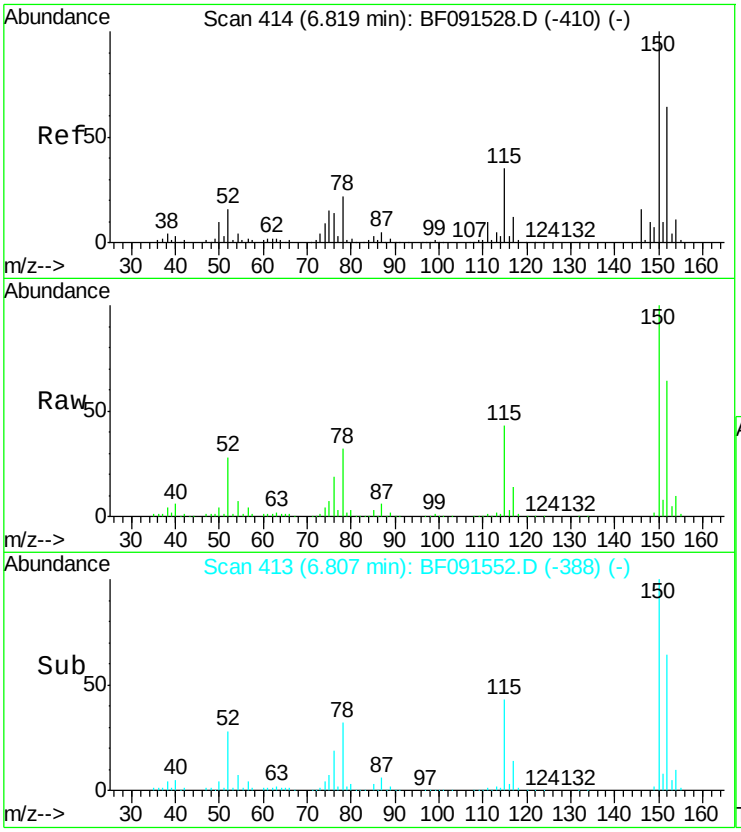
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091552.D
Acq On : 13 Dec 2016 14:27
Operator : UM/SJ
Sample : H5940-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS08-0-2IN

Quant Time: Dec 14 00:17:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration



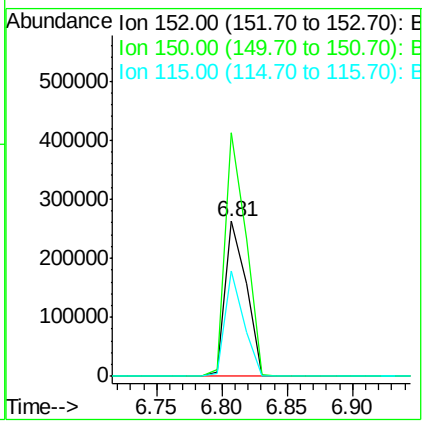


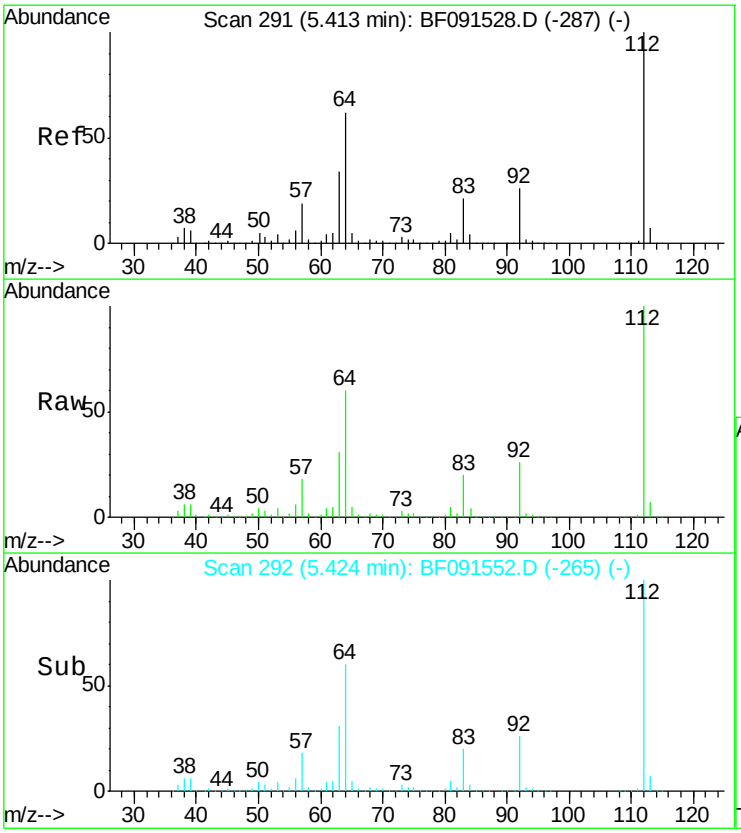
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion:152 Resp: 293298

Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.5	183.7
115	67.9	51.8	77.8

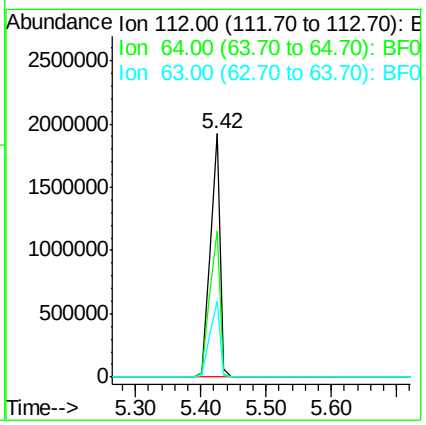


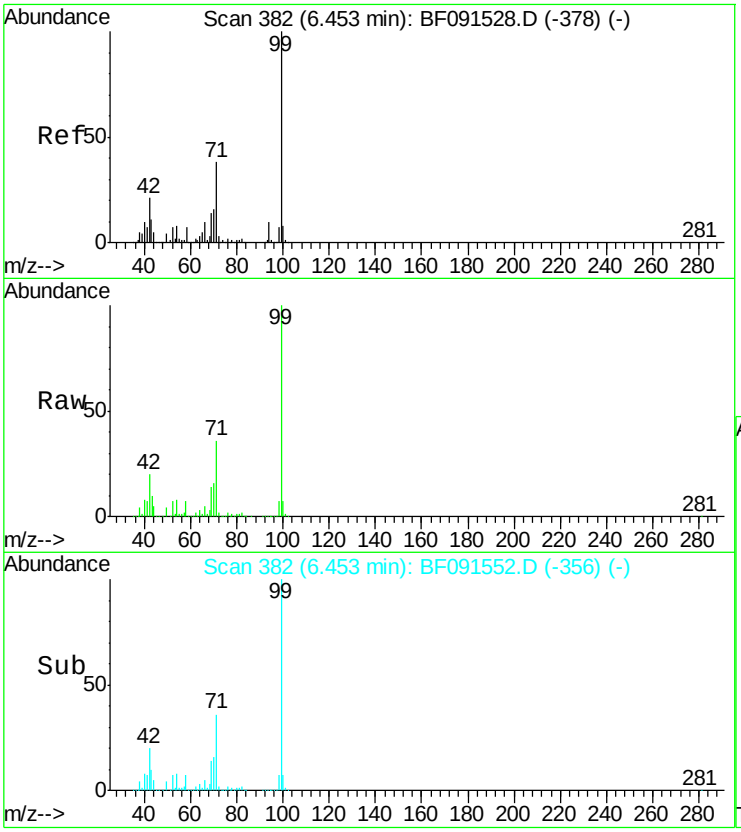


#5
2-Fluorophenol
Concen: 116.61 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion:112 Resp: 2029989

Ion	Ratio	Lower	Upper
112	100		
64	60.1	61.5	92.3#
63	31.1	33.3	49.9#



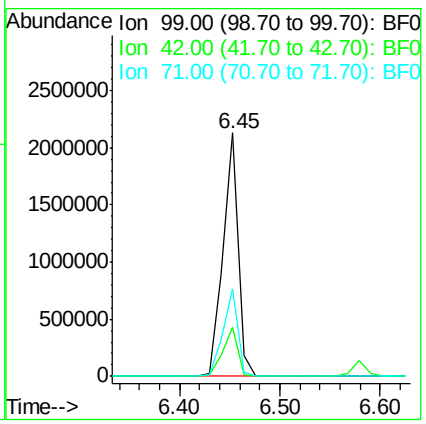


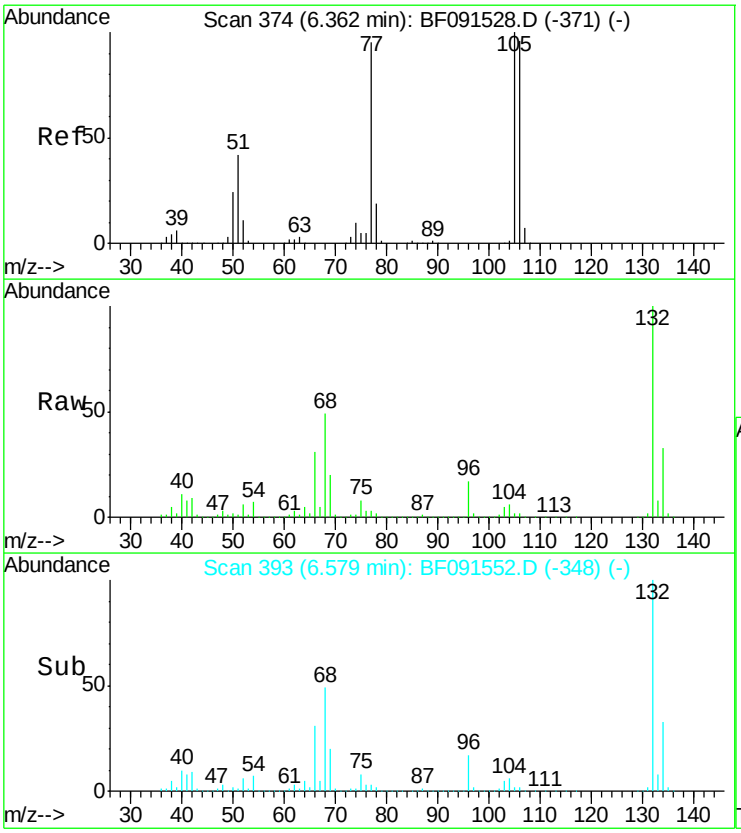
#7
Phenol-d6
Concen: 102.52 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion: 99 Resp: 2224958

Ion	Ratio	Lower	Upper
99	100		
42	20.3	20.6	31.0#
71	35.9	29.9	44.9

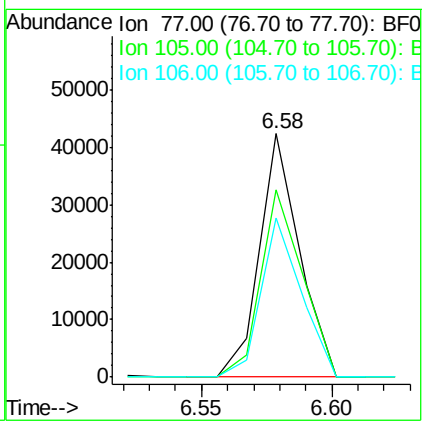


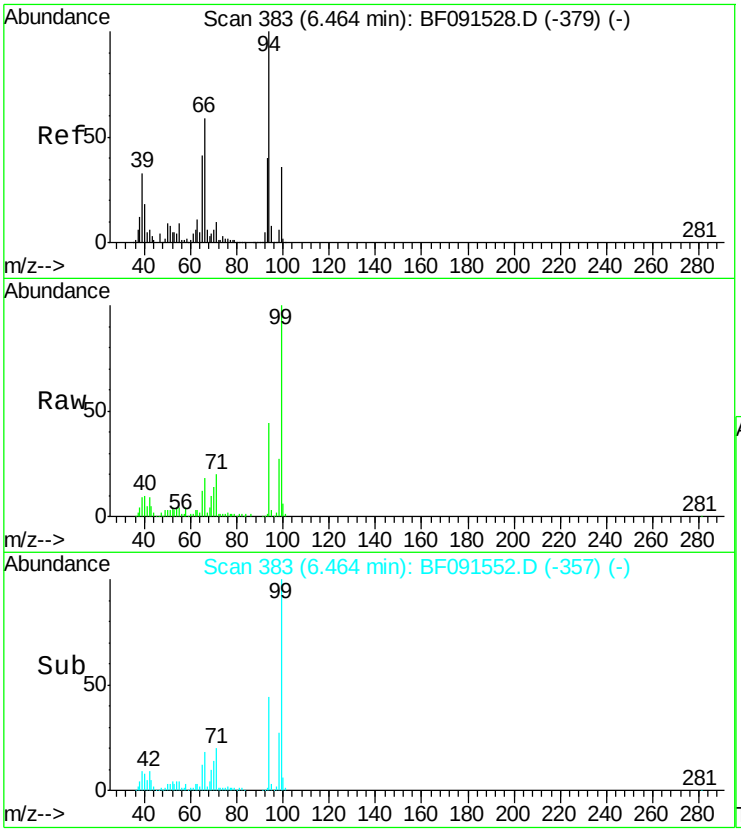


#9
Benzaldehyde
Concen: 2.98 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.22 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion: 77 Resp: 44537

Ion	Ratio	Lower	Upper
77	100		
105	76.9	66.4	106.4
106	65.4	60.9	100.9



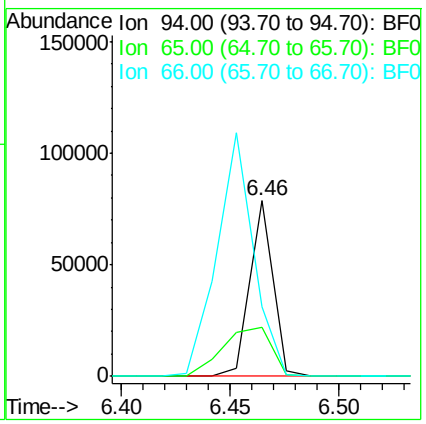


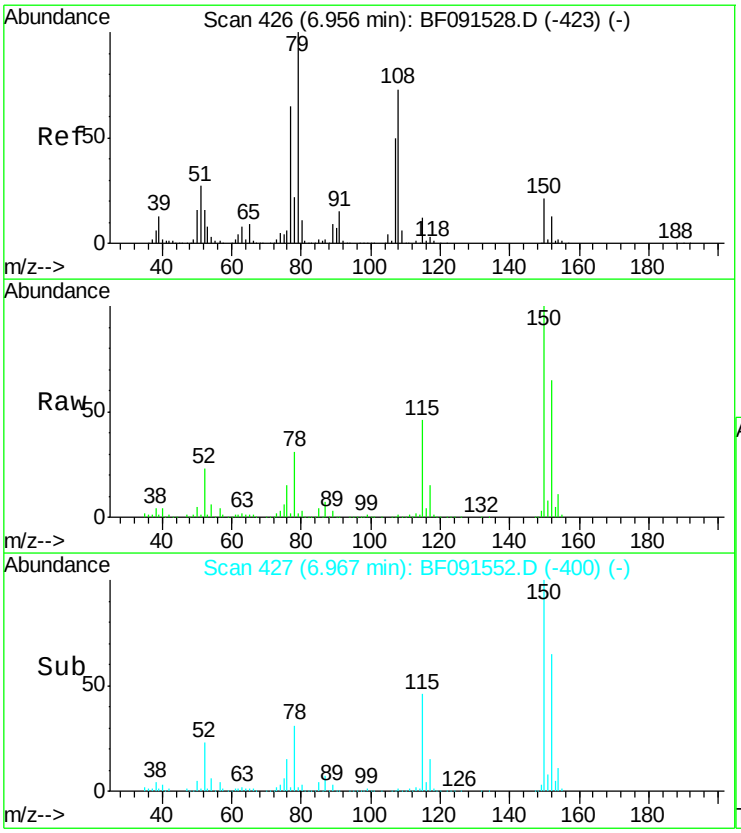
#10
Phenol
Concen: 2.29 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion: 94 Resp: 58027

Ion	Ratio	Lower	Upper
94	100		
65	27.7	16.9	56.9
66	39.8	30.6	70.6

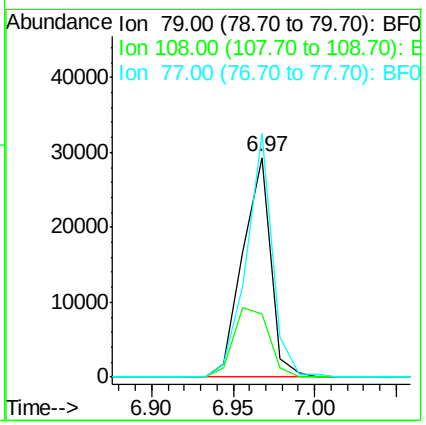


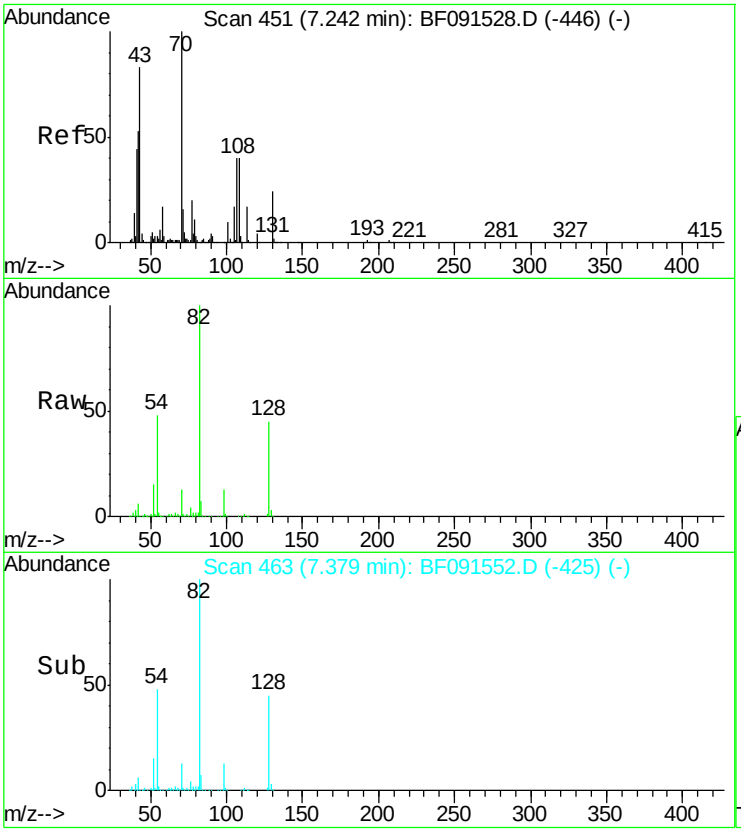


#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion: 79 Resp: 34945

Ion	Ratio	Lower	Upper
79	100		
108	28.9	62.7	94.1#
77	110.8	51.7	77.5#



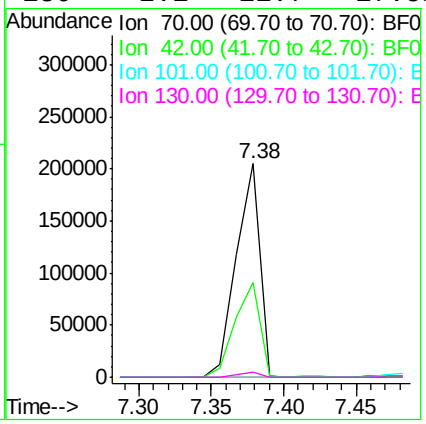


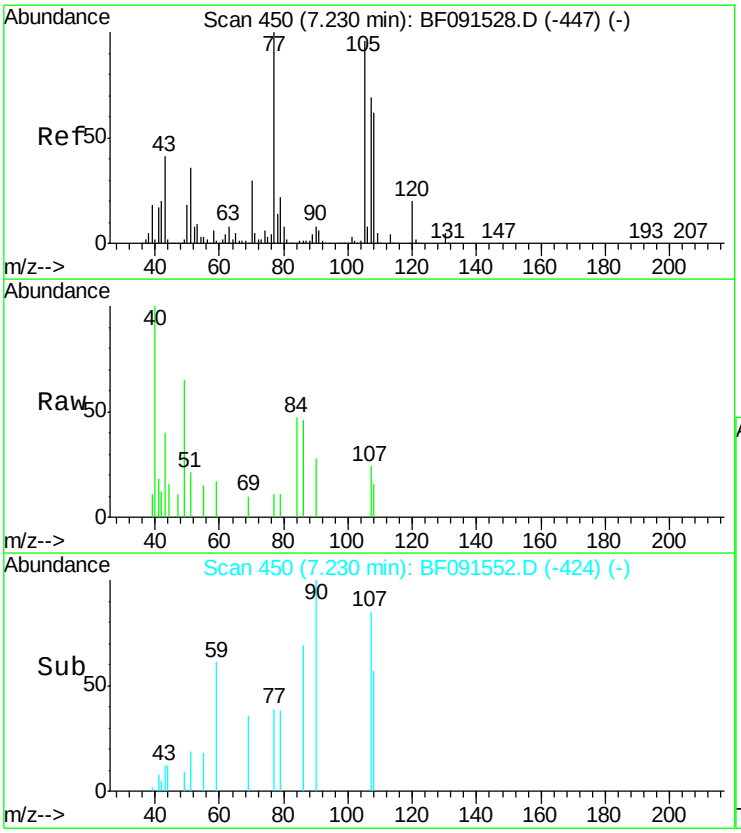
#19
n-Nitroso-di-n-propylamine
Concen: 17.13 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.14 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion: 70 Resp: 232514

Ion	Ratio	Lower	Upper
70	100		
42	44.3	64.8	97.2#
101	0.0	6.2	9.4#
130	2.1	11.7	17.5#

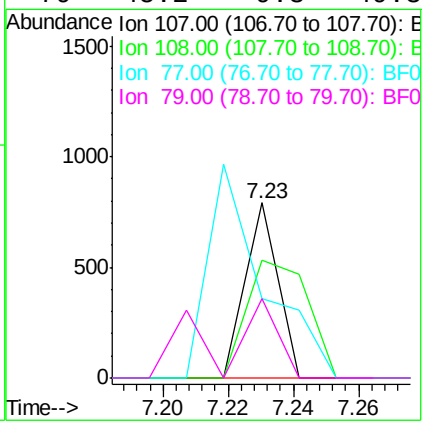


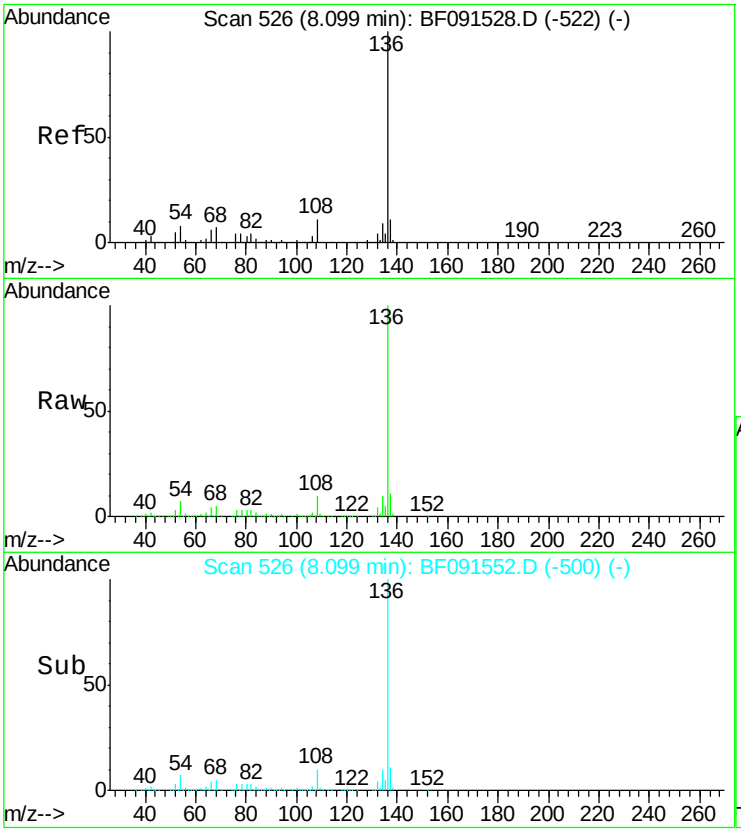


#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion:107 Resp: 542

Ion	Ratio	Lower	Upper
107	100		
108	67.6	64.6	104.6
77	45.6	30.9	70.9
79	45.2	9.3	49.3



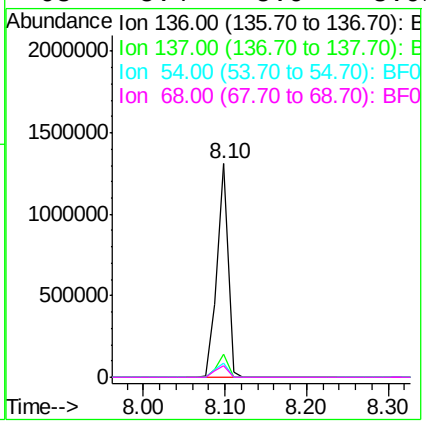


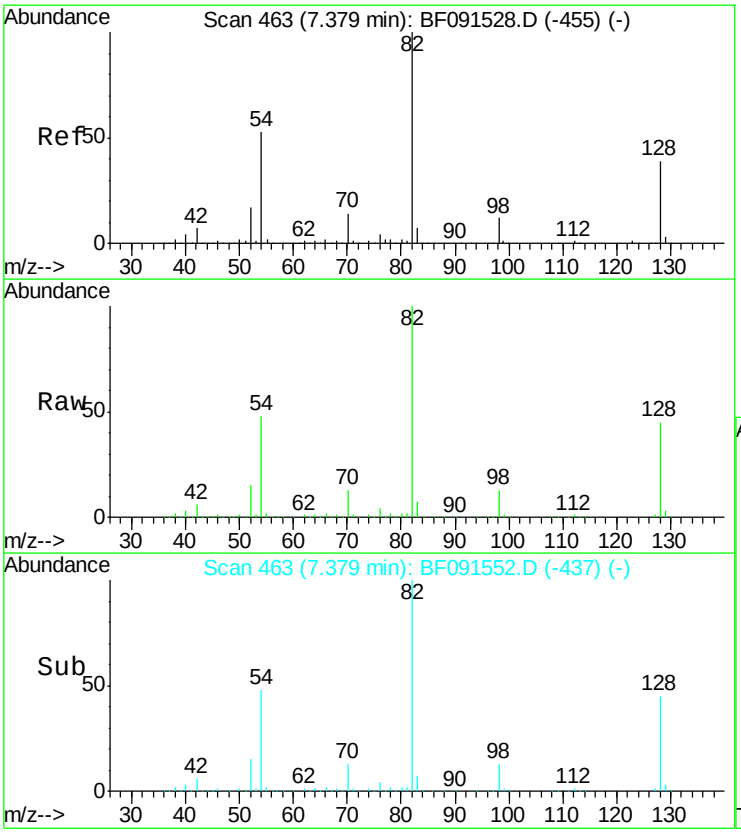
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion:136 Resp: 1243064

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.7	9.1	13.7#
68	5.4	5.9	8.9#

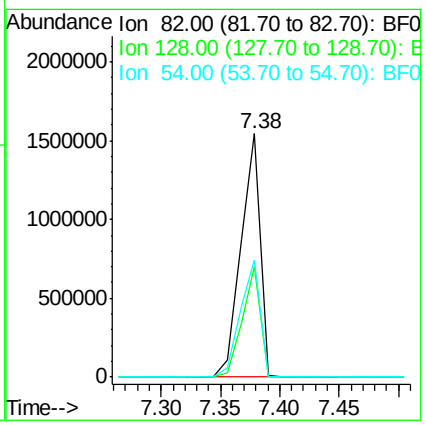


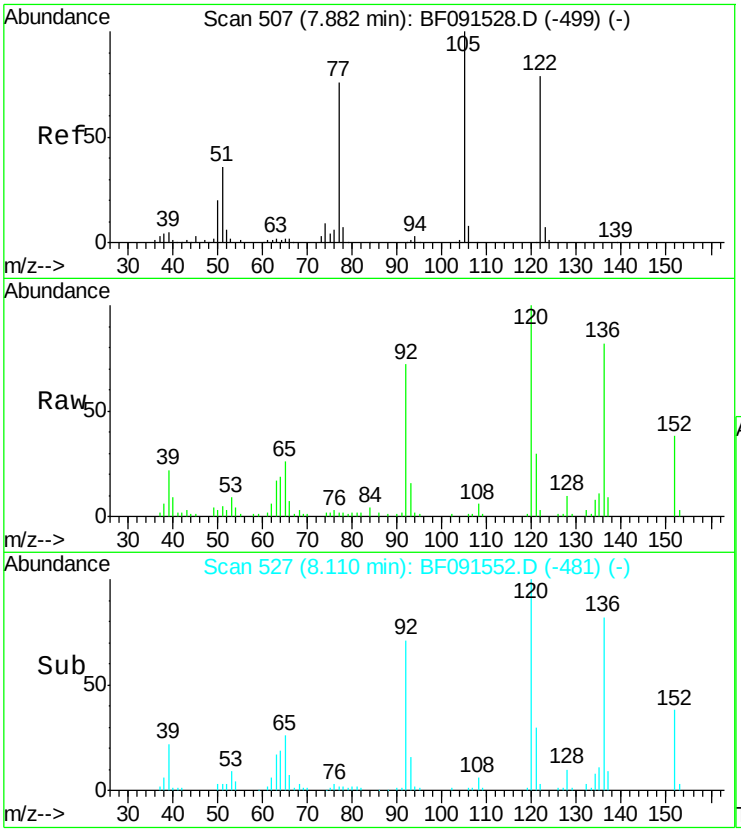


#23
Nitrobenzene-d5
Concen: 78.18 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion: 82 Resp: 1741286

Ion	Ratio	Lower	Upper
82	100		
128	45.4	31.8	47.6
54	48.0	49.1	73.7#



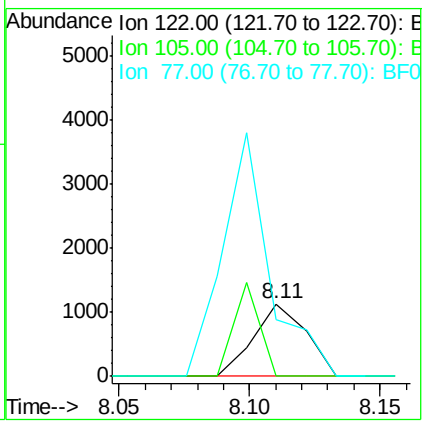


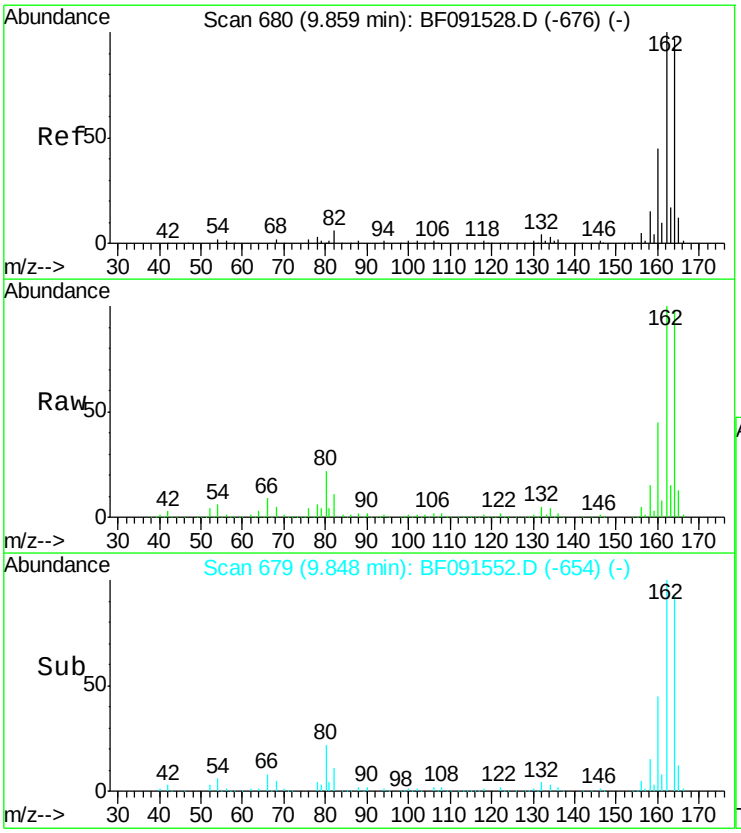
#32
Benzoic acid
Concen: 5.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.23 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion:122 Resp: 1558

Ion	Ratio	Lower	Upper
122	100		
105	0.0	113.0	153.0#
77	77.3	82.0	122.0#

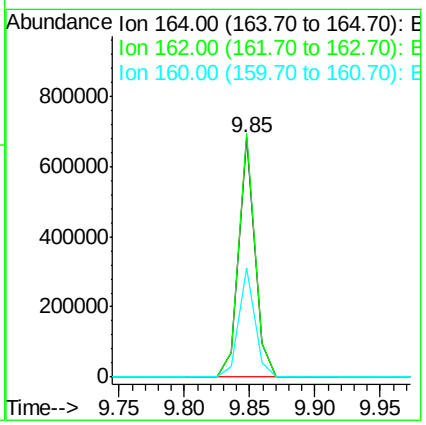


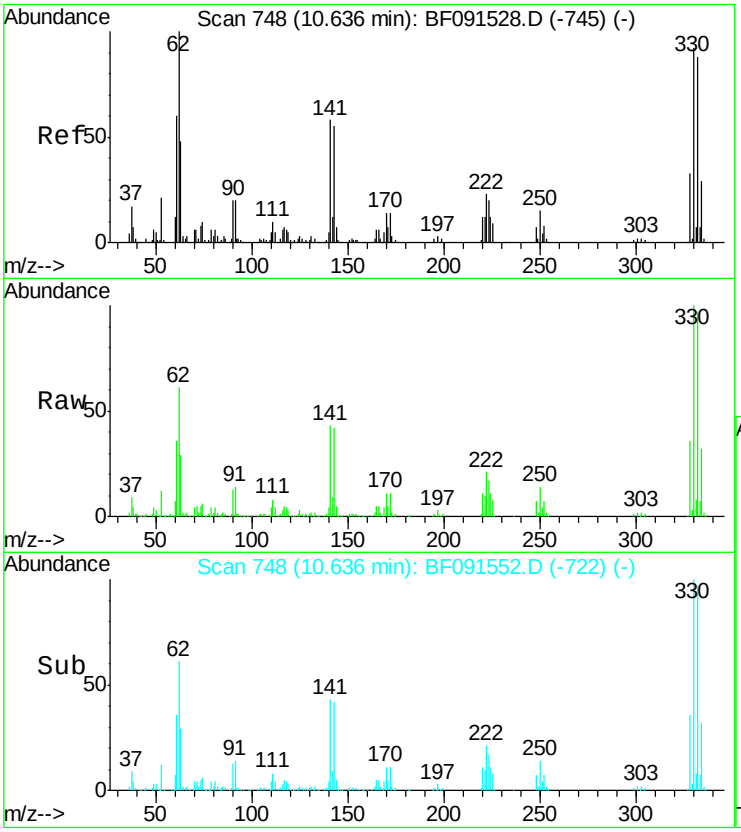


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion:164 Resp: 585476

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	124.0
160	45.6	36.7	55.1



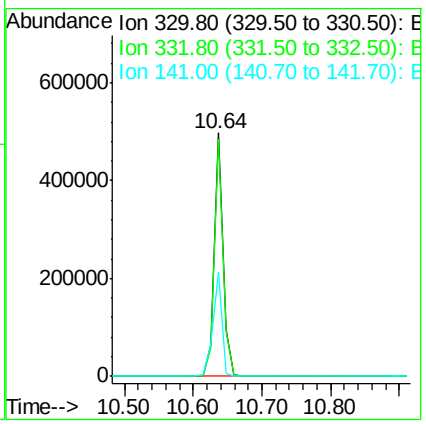


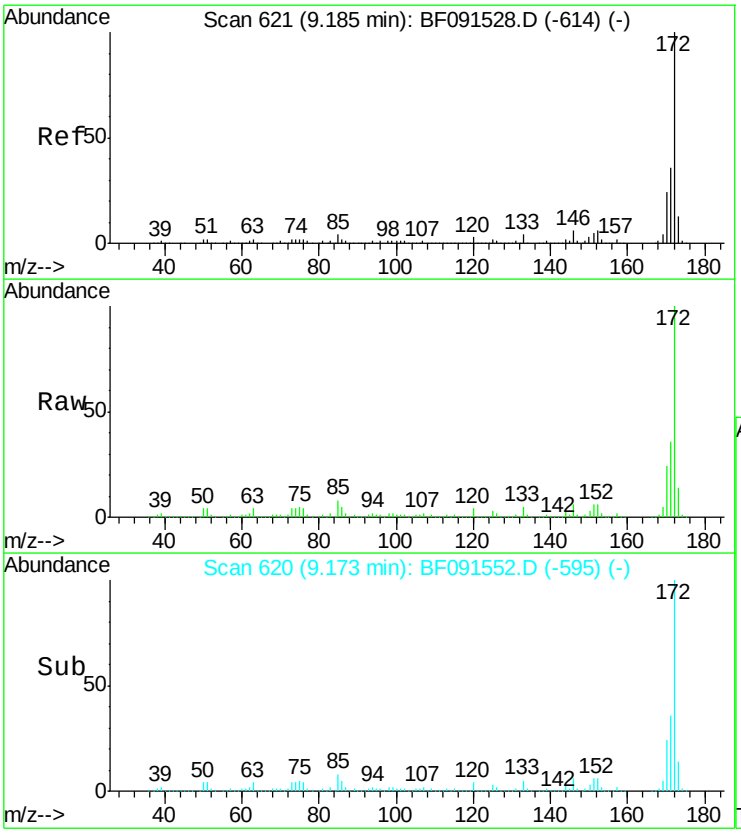
#41
2,4,6-Tribromophenol
Concen: 94.24 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion:330 Resp: 458296

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	43.6	33.6	50.4

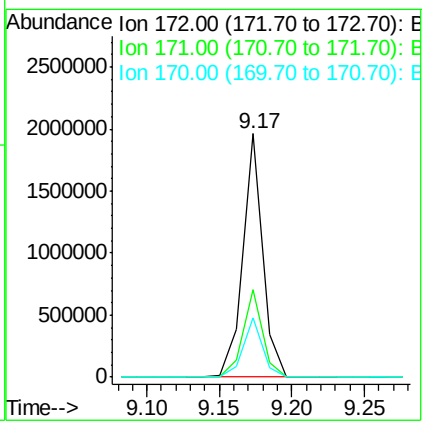


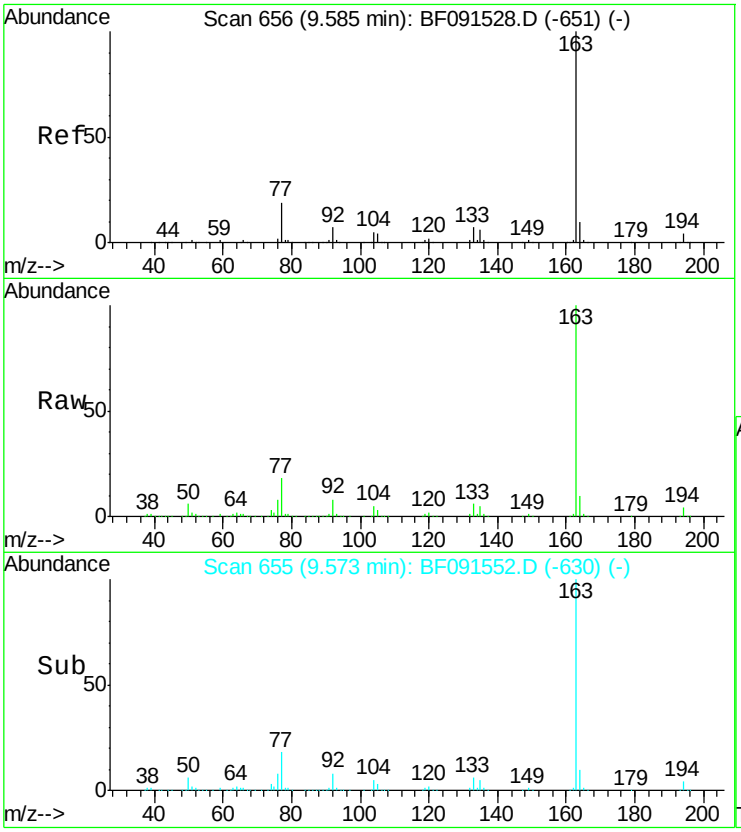


#44
2-Fluorobiphenyl
Concen: 54.85 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion:172 Resp: 1858399

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.1	19.7	29.5



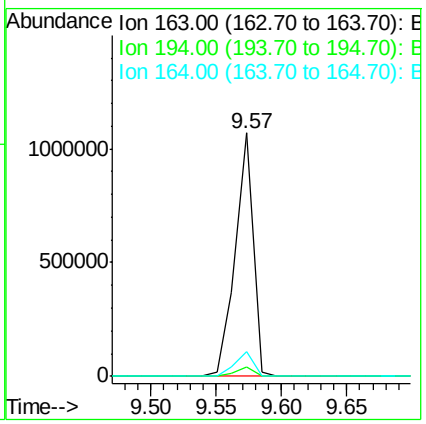


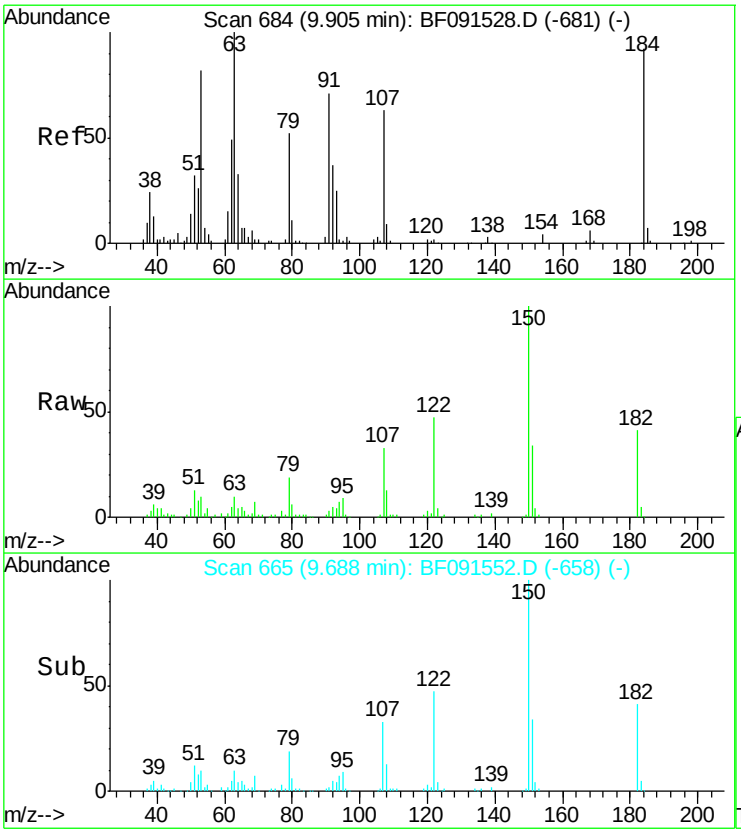
#49
Dimethylphthalate
Concen: 27.28 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion:163 Resp: 1011281

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.2	7.8	11.8

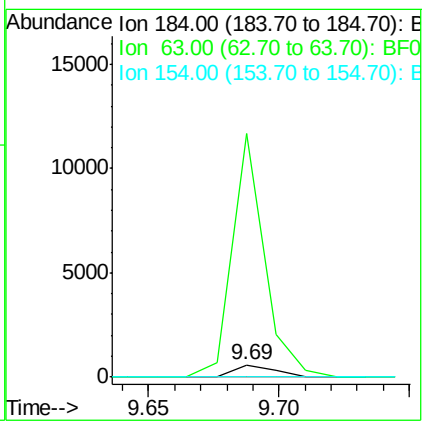


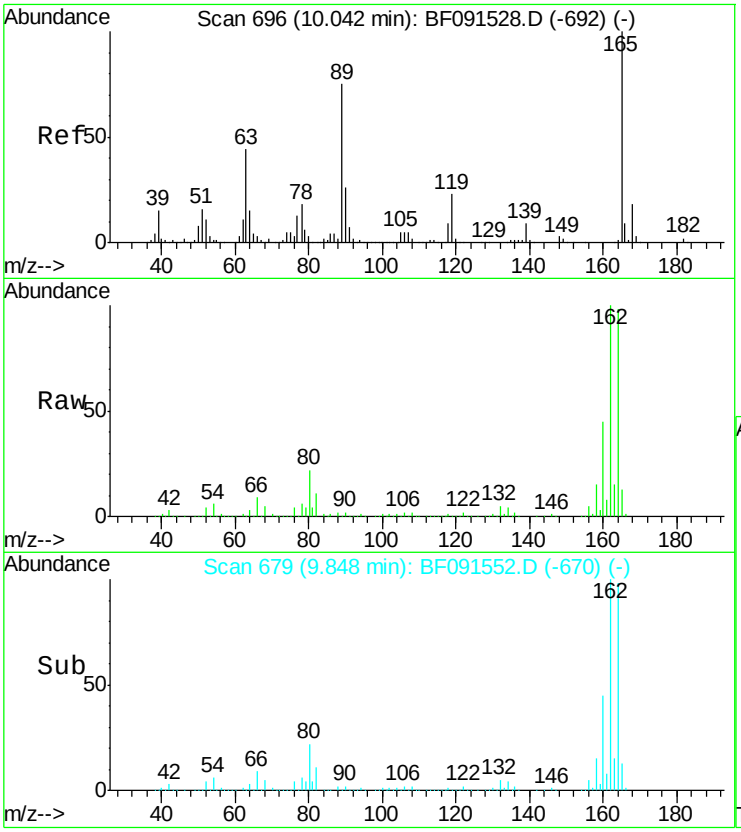


#53
2,4-Dinitrophenol
Concen: 2.20 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.22 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion:184 Resp: 630

Ion	Ratio	Lower	Upper
184	100		
63	1969.3	58.3	87.5#
154	0.0	48.6	73.0#



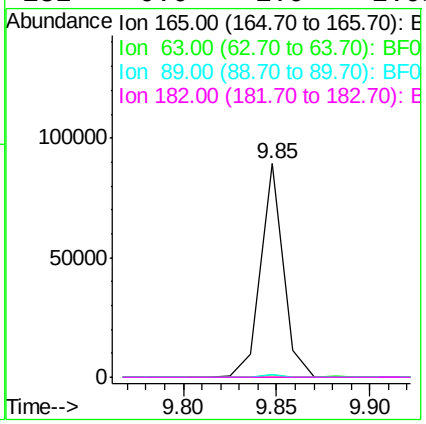


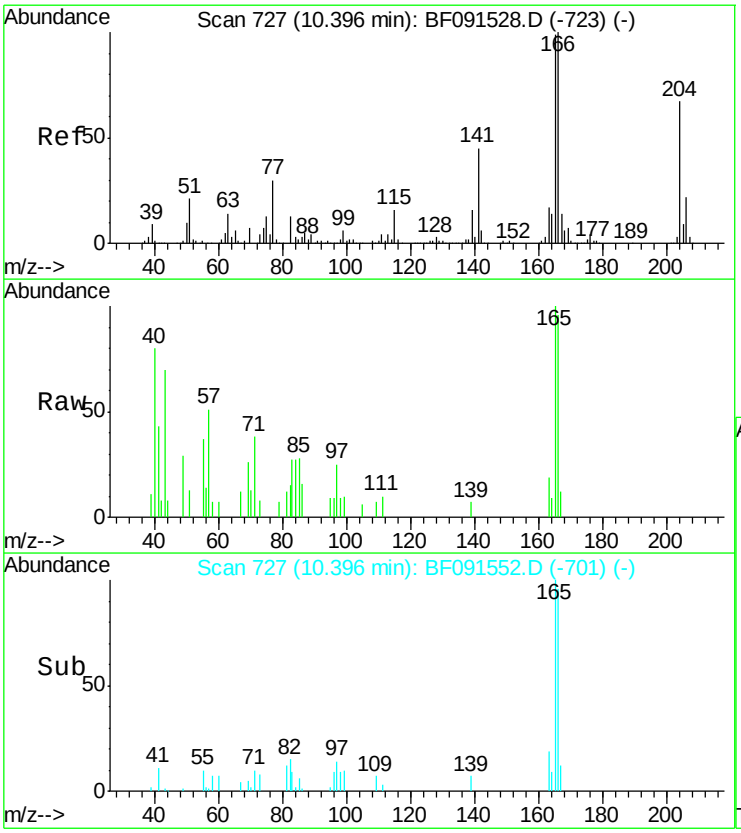
#56
2,4-Dinitrotoluene
Concen: 7.45 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.19 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion:165 Resp: 76030

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.0	43.4#
89	1.3	43.1	64.7#
182	0.0	1.9	2.9#

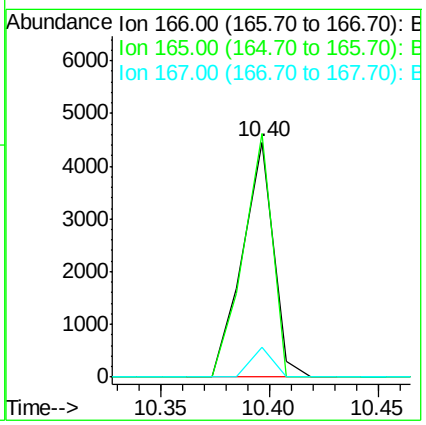


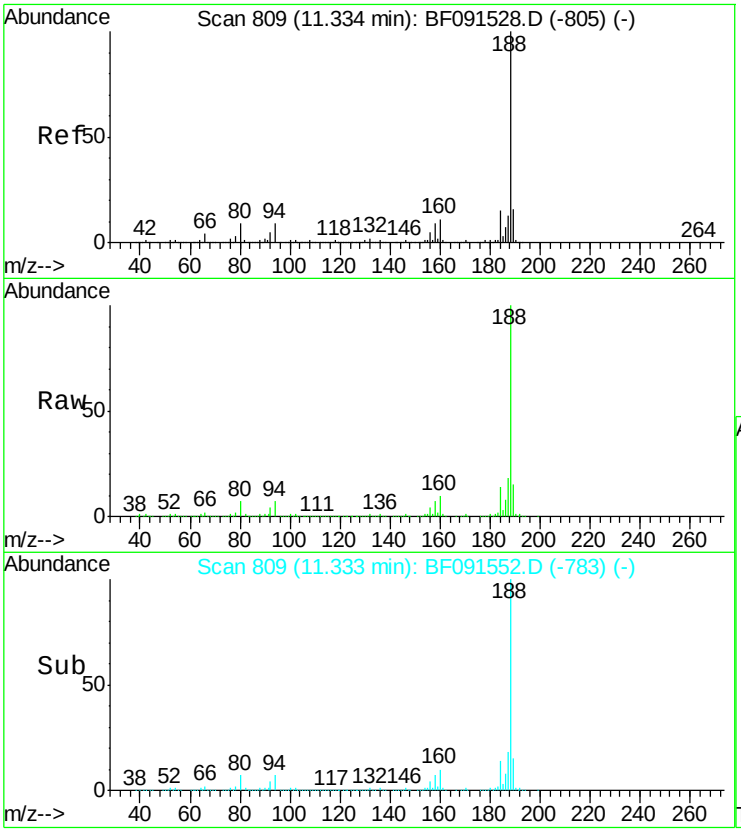


#57
Fluorene
Concen: Below Cal
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion:166 Resp: 4417

Ion	Ratio	Lower	Upper
166	100		
165	103.8	80.0	120.0
167	12.7	10.8	16.2



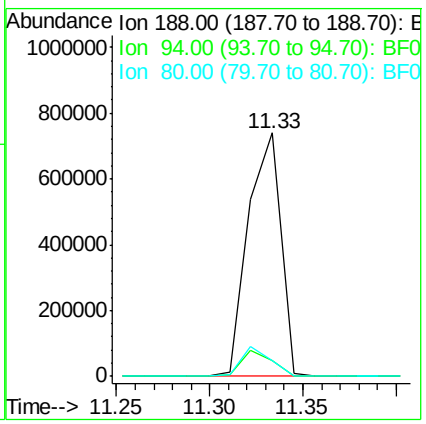


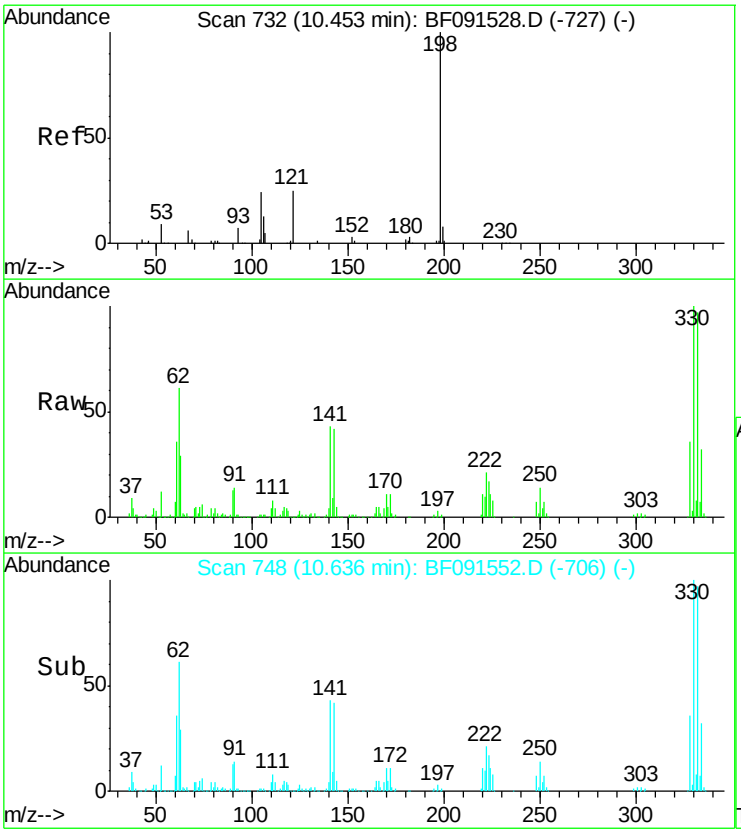
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion:188 Resp: 896352

Ion	Ratio	Lower	Upper
188	100		
94	6.7	9.2	13.8#
80	6.7	10.5	15.7#

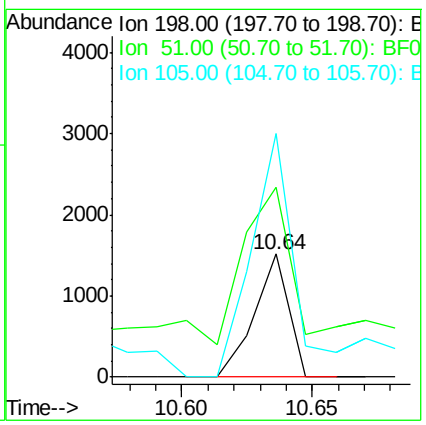


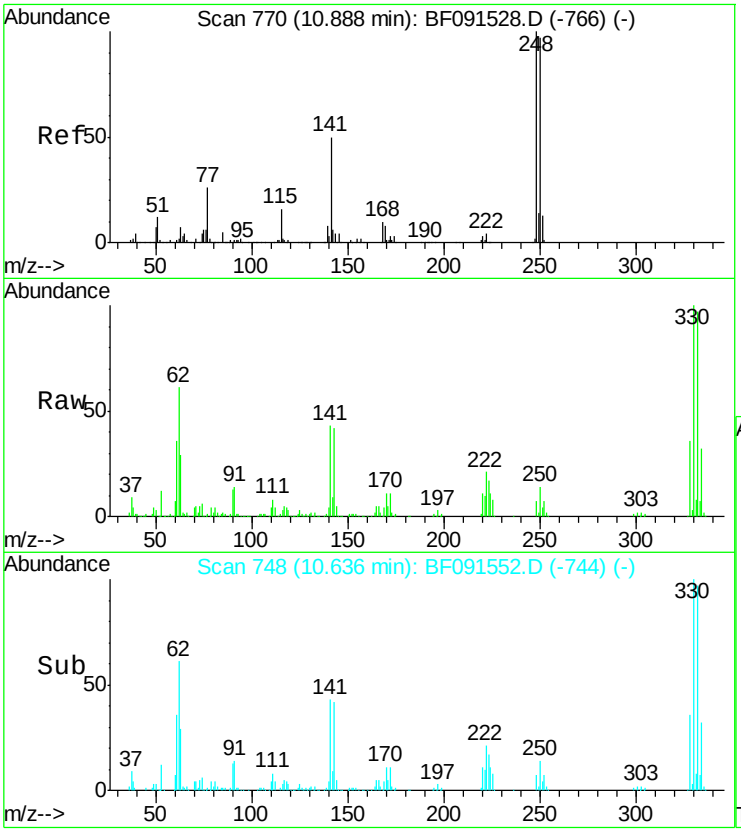


#64
4,6-Dinitro-2-methylphenol
Concen: 3.18 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.18 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion:198 Resp: 1389

Ion	Ratio	Lower	Upper
198	100		
51	153.8	77.1	117.1#
105	197.9	44.8	84.8#



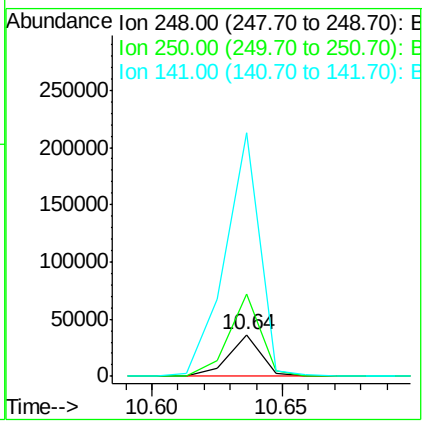


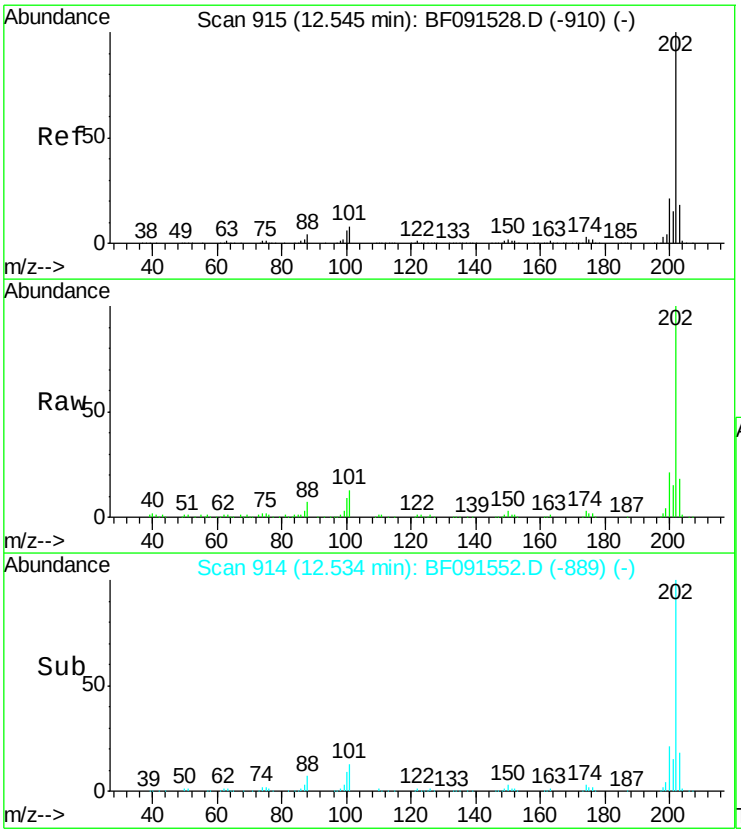
#66
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion:248 Resp: 31498

Ion	Ratio	Lower	Upper
248	100		
250	197.5	78.2	117.4#
141	585.4	71.9	107.9#

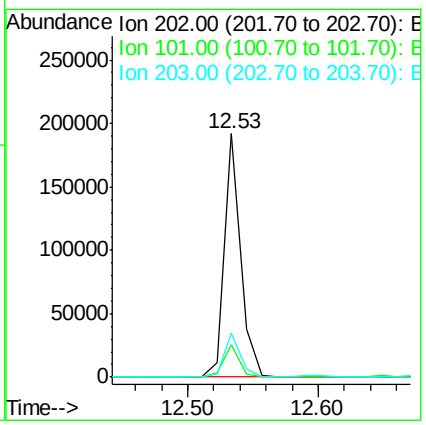


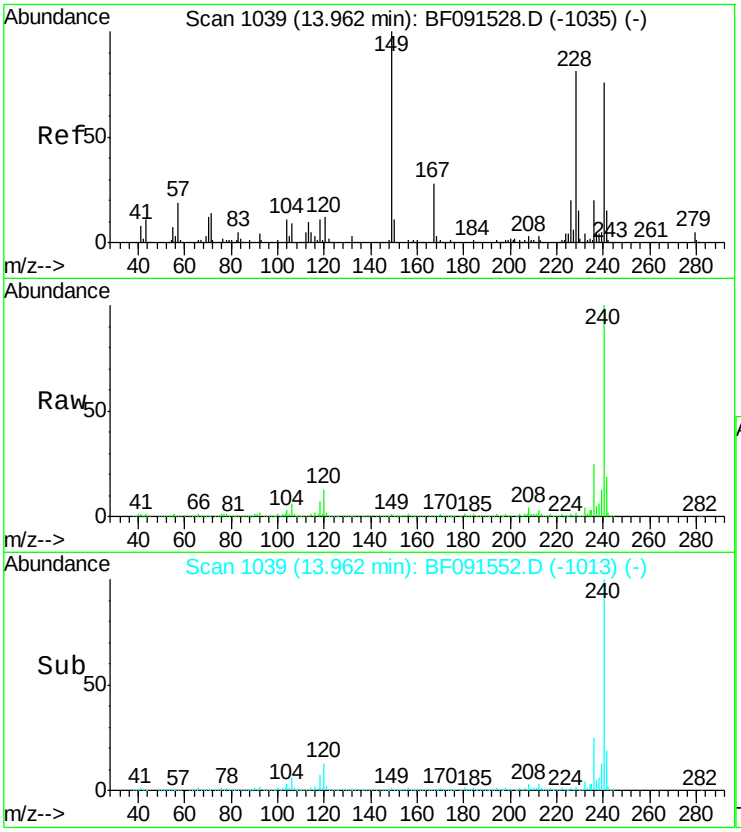


#74
Fluoranthene
Concen: 3.61 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion:202 Resp: 167993

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	29.5
203	18.0	0.0	37.8



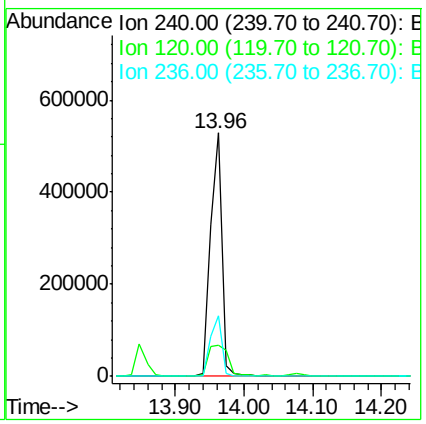


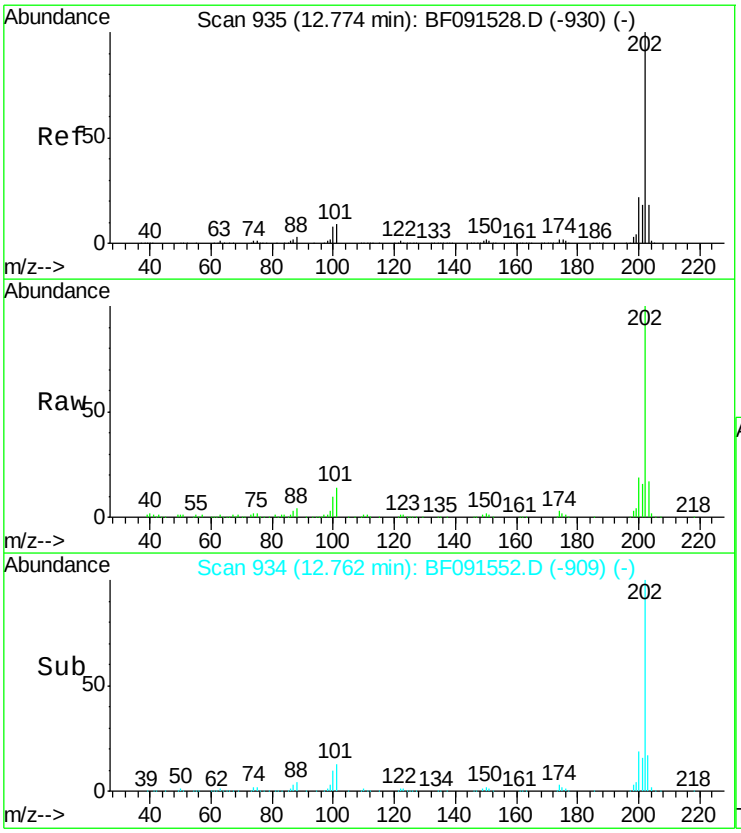
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion:240 Resp: 623470

Ion	Ratio	Lower	Upper
240	100		
120	12.7	12.1	18.1
236	24.8	21.0	31.6

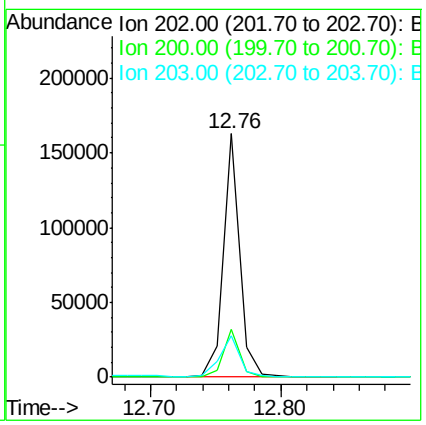


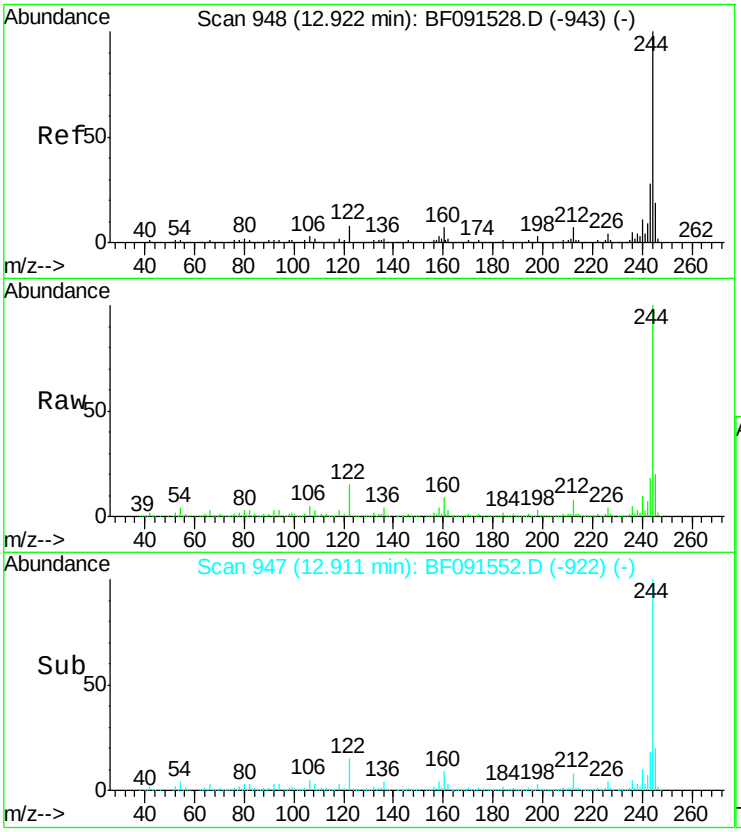


#77
Pyrene
Concen: 2.88 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion:202 Resp: 142242

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.6	26.4
203	17.0	14.0	21.0



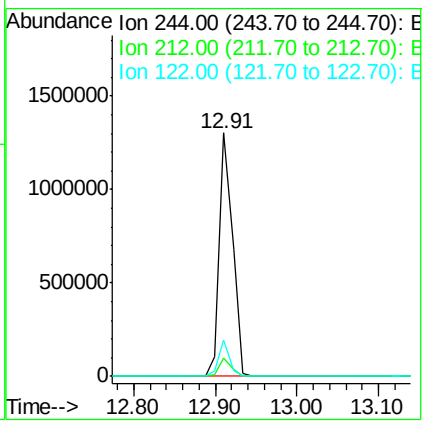


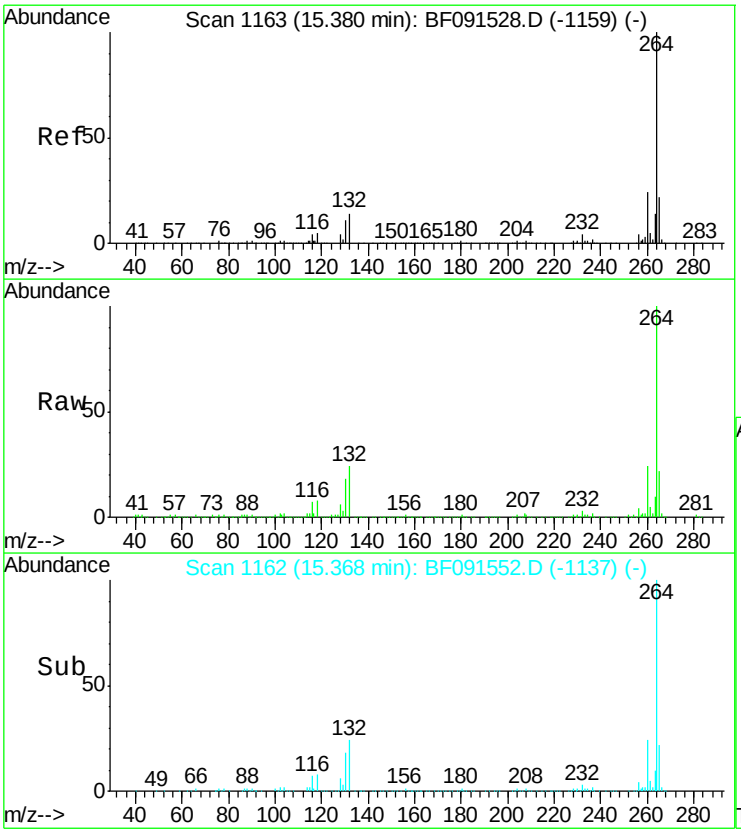
#78
Terphenyl-d14
Concen: 52.75 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion:244 Resp: 1449371

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	15.0	9.5	14.3#

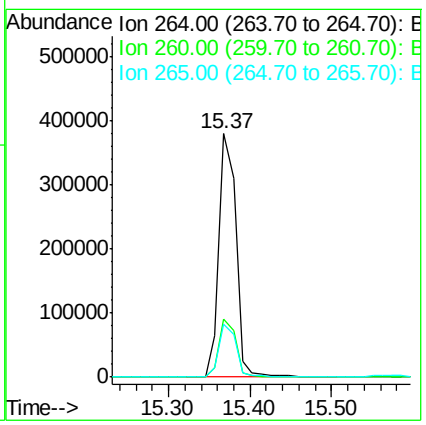


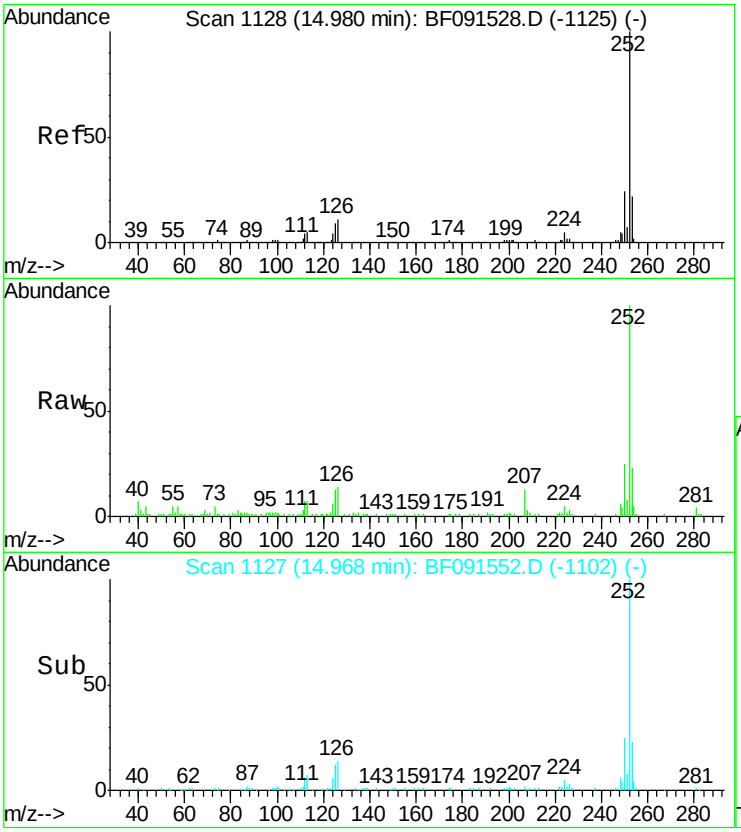


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion:264 Resp: 552078

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.9	17.0	25.6



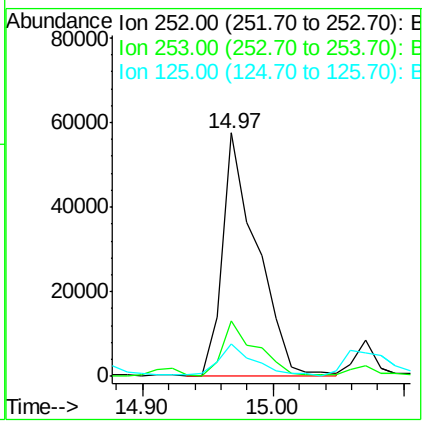


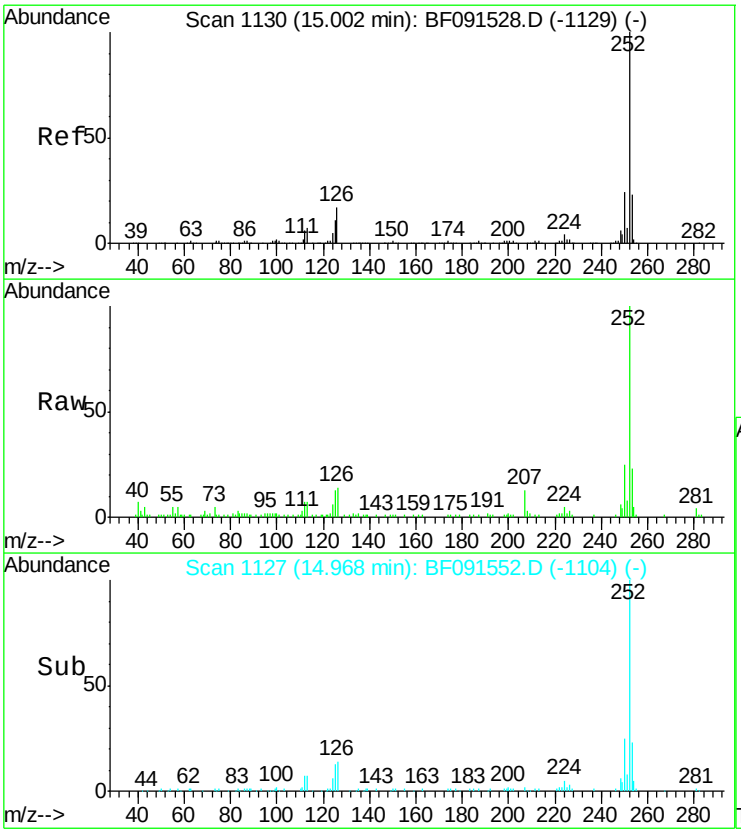
#87
Benzo(b)fluoranthene
Concen: 3.23 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tgt Ion:252 Resp: 106295

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	13.3	8.6	13.0#





#88
Benzo(k)fluoranthene
Concen: 3.67 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion:252 Resp: 106295

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	13.3	9.6	14.4