Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092041.D
Acq On : 30 Dec 2016 12:02
Operator : UM/SJ
Sample : H6301-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 30 15:23:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	219941	20.00	ng		-0.02
21) Naphthalene-d8	7.96	136	871519	20.00	ng		-0.03
38) Acenaphthene-d10	9.72	164	476316	20.00	ng		-0.03
63) Phenanthrene-d10	11.20	188	805653	20.00	ng		-0.03
75) Chrysene-d12	13.83	240	283766	20.00	ng		-0.05
86) Perylene-d12	15.21	264	210376	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	905648	68.75	ng		-0.03
7) Phenol-d6	6.35	99	692447	43.06	ng		-0.03
23) Nitrobenzene-d5	7.25	82	1427125	91.06	ng		-0.03
41) 2,4,6-Tribromophenol	10.51	330	494916	125.55	ng		-0.03
44) 2-Fluorobiphenyl	9.05	172	2110054	91.80	ng		-0.03
78) Terphenyl-d14	12.79	244	2196337	187.71	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.34	77	1769	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.25	70	191637	17.91	ng	#	73
32) Benzoic acid	7.72	122	21472	2.12	ng		99
50) 2,6-Dinitrotoluene	9.71	165	61670	9.25	ng	#	31
59) Diethylphthalate	10.13	149	65135	2.20	ng		100
66) 4-Bromophenyl-phenylether	10.51	248	33955	4.05	ng	#	1
71) Anthracene	11.27	178	868	Below Cal		#	44
73) Di-n-butylphthalate	11.77	149	10707	Below Cal			99
74) Fluoranthene	12.41	202	1216	Below Cal			61

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092041.D
Acq On : 30 Dec 2016 12:02
Operator : UM/SJ
Sample : H6301-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Dec 30 15:23:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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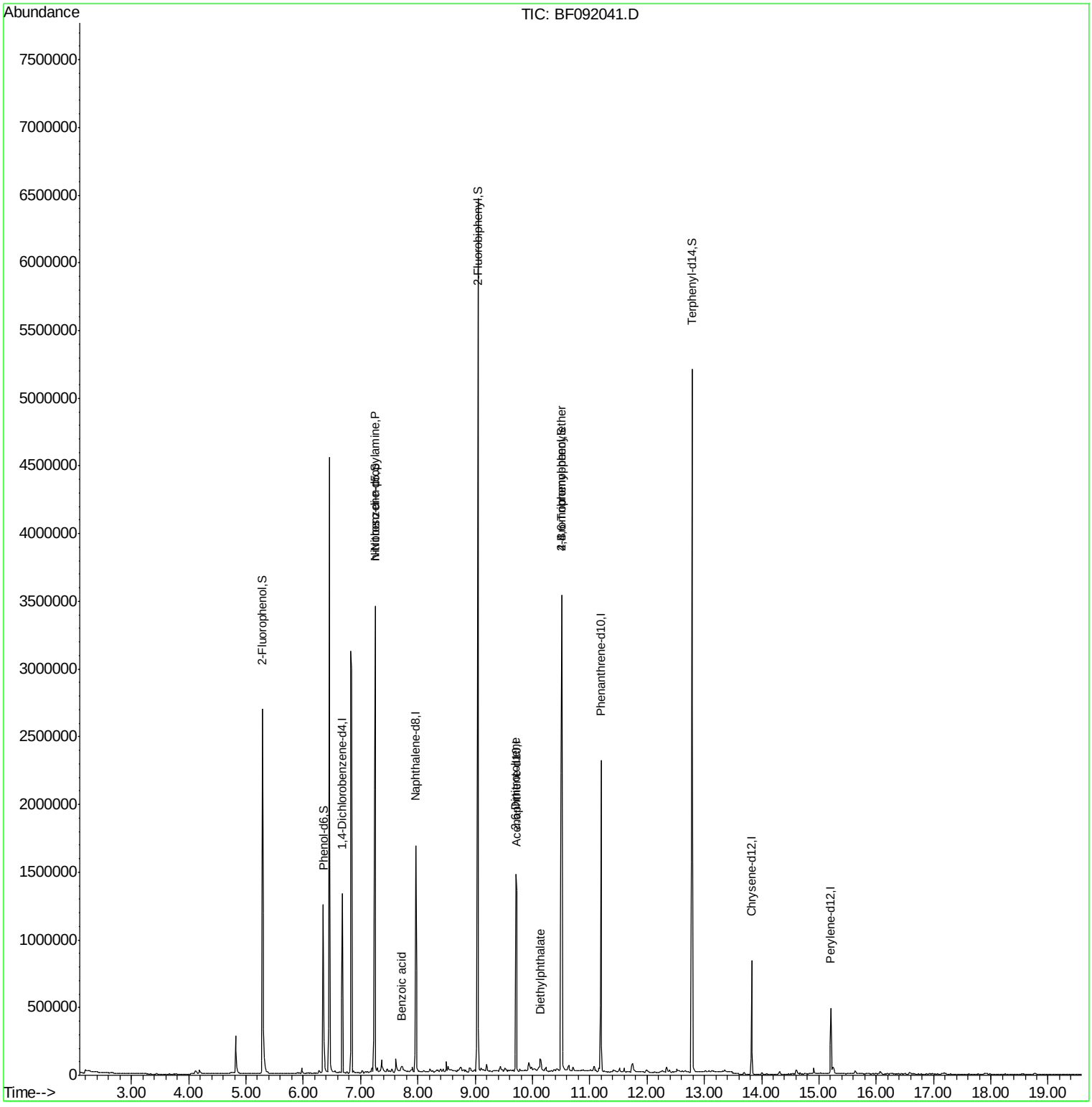
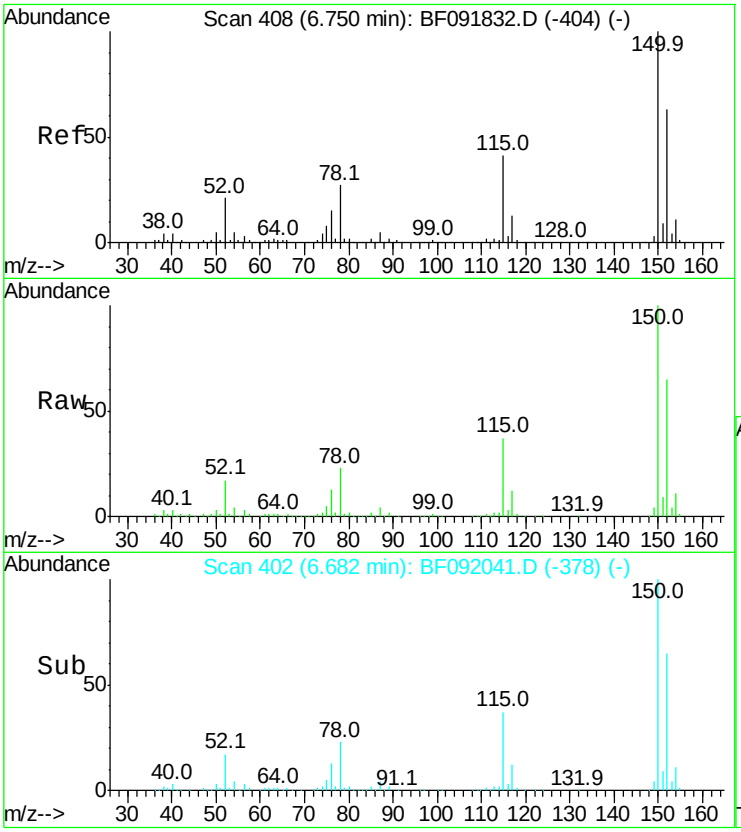


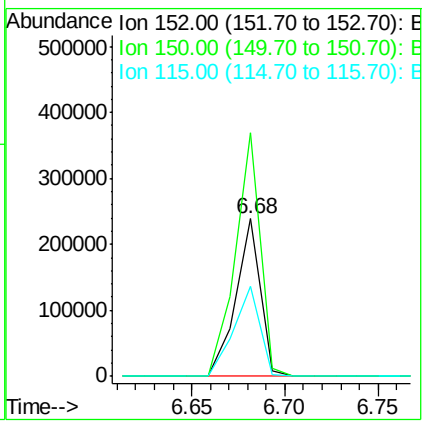


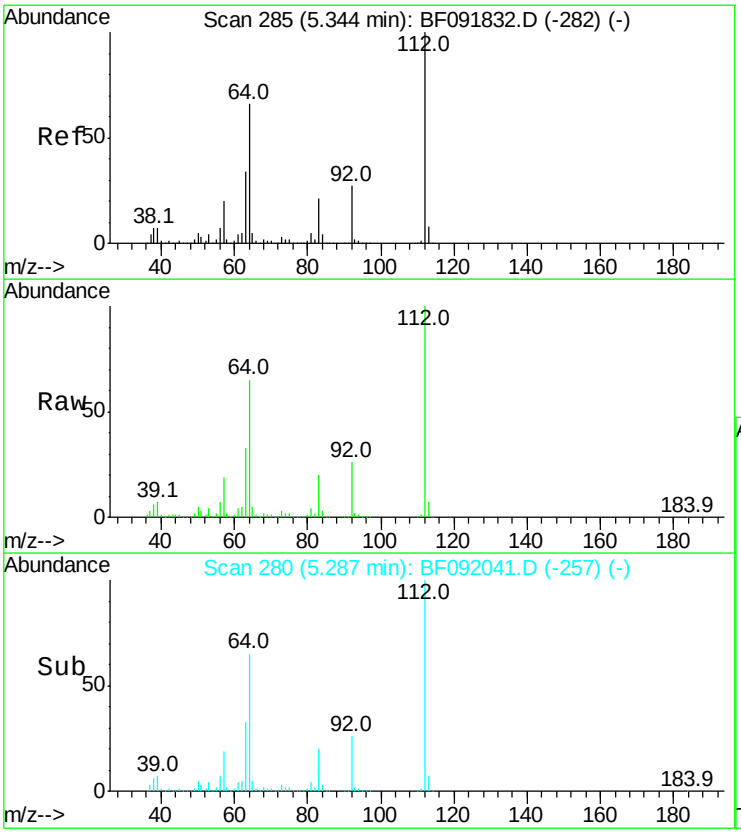
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 219941

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.9	187.3
115	57.4	46.0	69.0

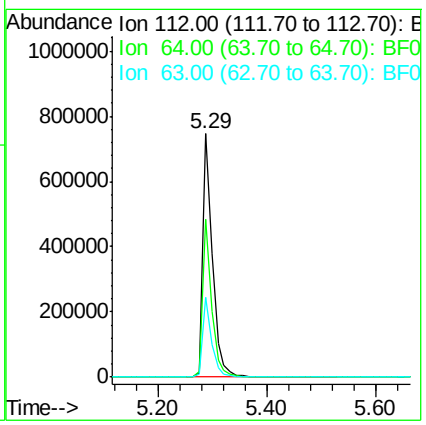


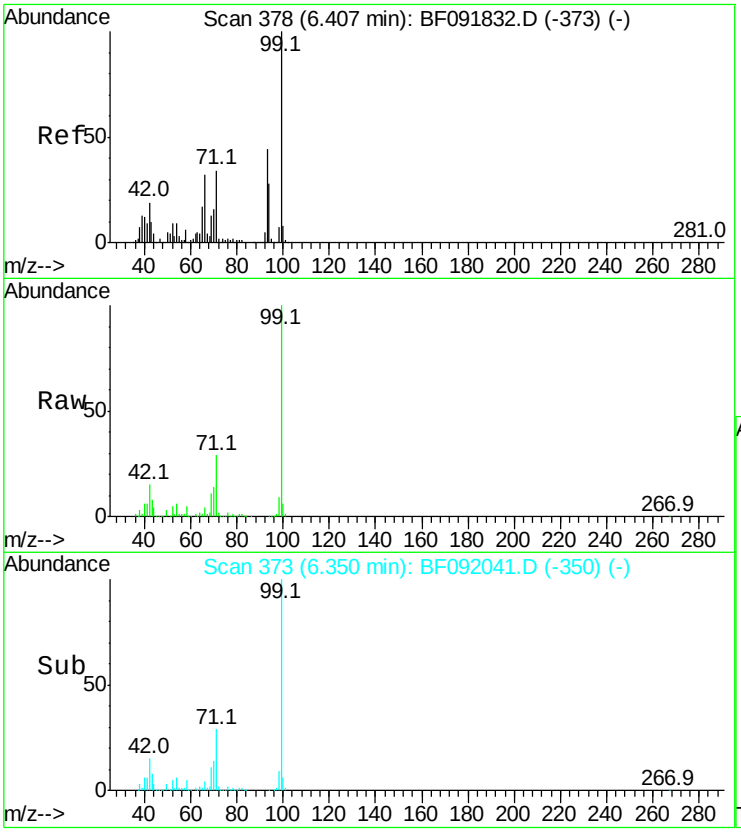


#5
2-Fluorophenol
Concen: 68.75 ng
RT: 5.29 min Scan# 280
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion:112 Resp: 905648

Ion	Ratio	Lower	Upper
112	100		
64	64.9	46.1	69.1
63	32.8	23.8	35.6



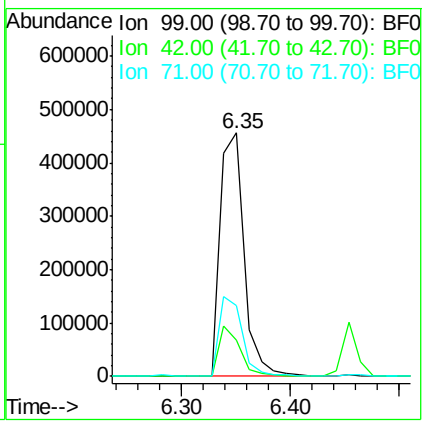


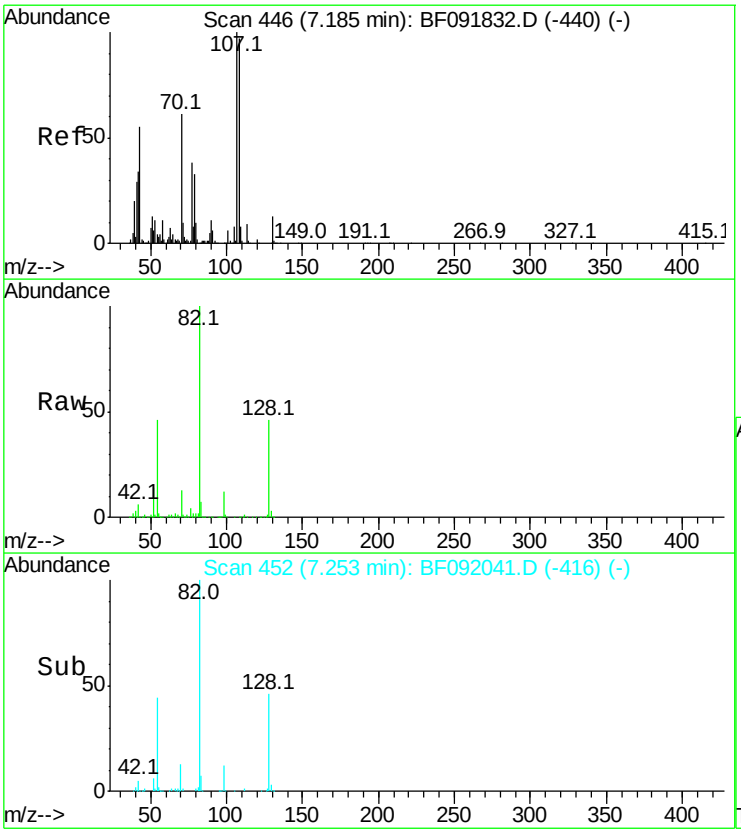
#7
Phenol-d6
Concen: 43.06 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 692447

Ion	Ratio	Lower	Upper
99	100		
42	15.0	15.6	23.4#
71	28.8	27.5	41.3

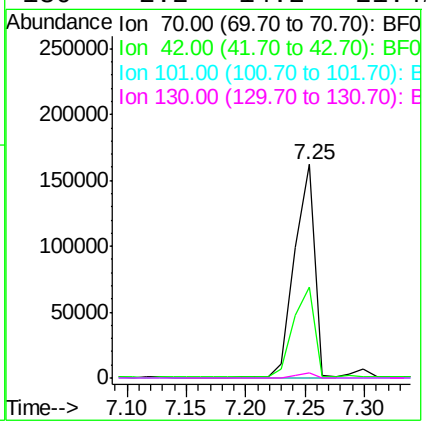


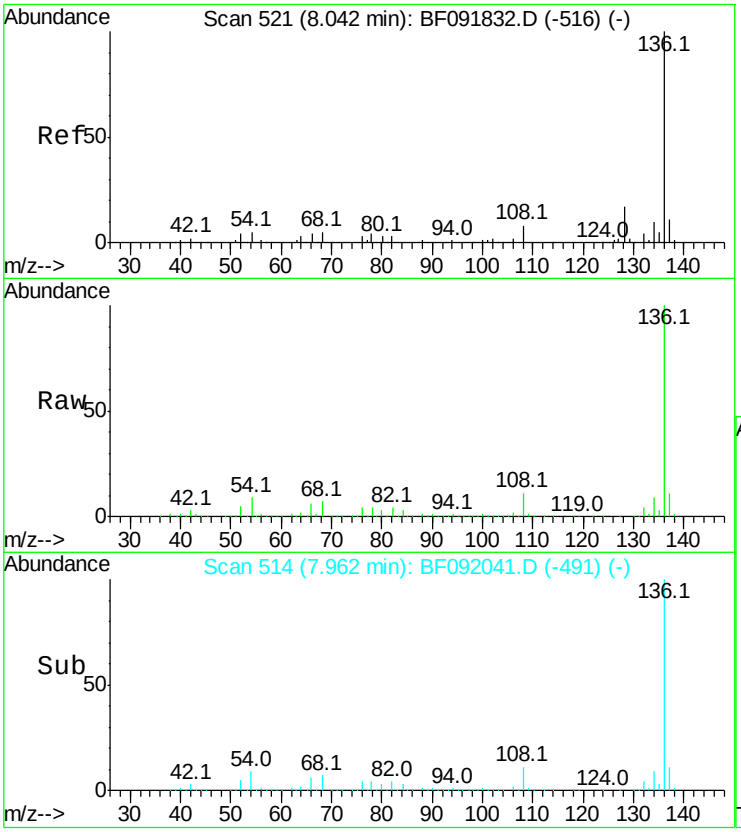


#19
n-Nitroso-di-n-propylamine
Concen: 17.91 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.11 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion: 70 Resp: 191637

Ion	Ratio	Lower	Upper
70	100		
42	42.5	49.4	74.0#
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



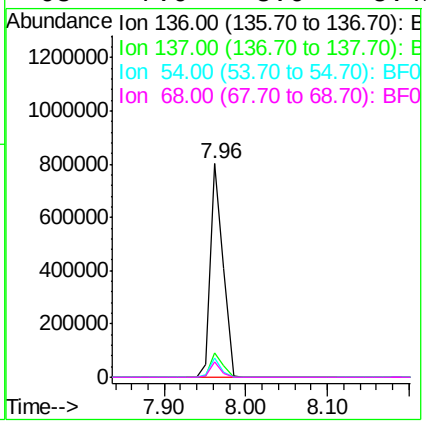


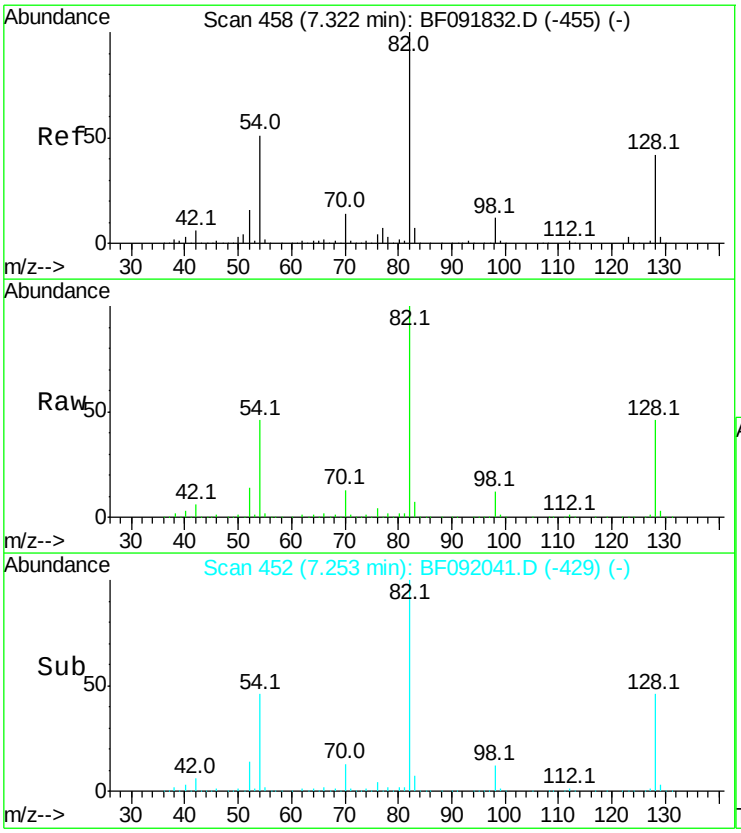
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 871519

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.3	4.5	6.7#
68	7.0	3.6	5.4#

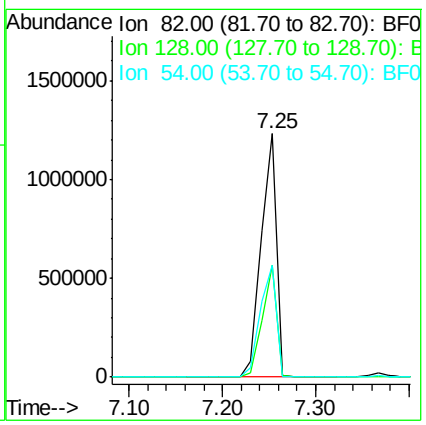


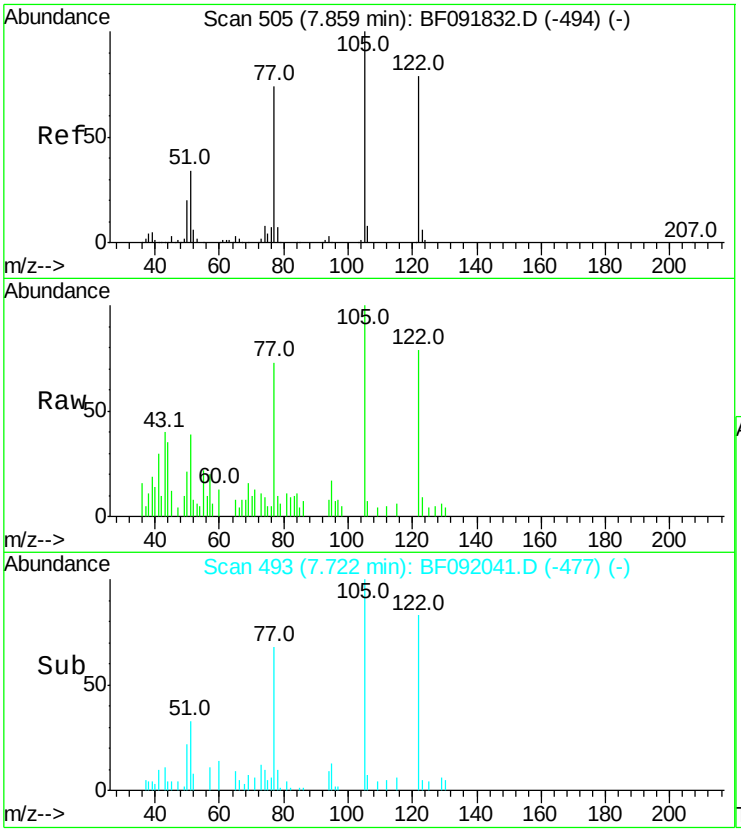


#23
Nitrobenzene-d5
Concen: 91.06 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion: 82 Resp: 1427125

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	52.0
54	45.8	39.5	59.3



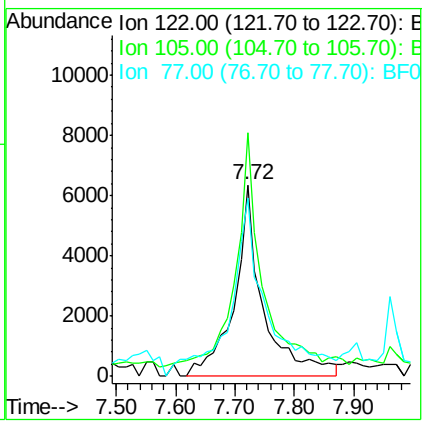


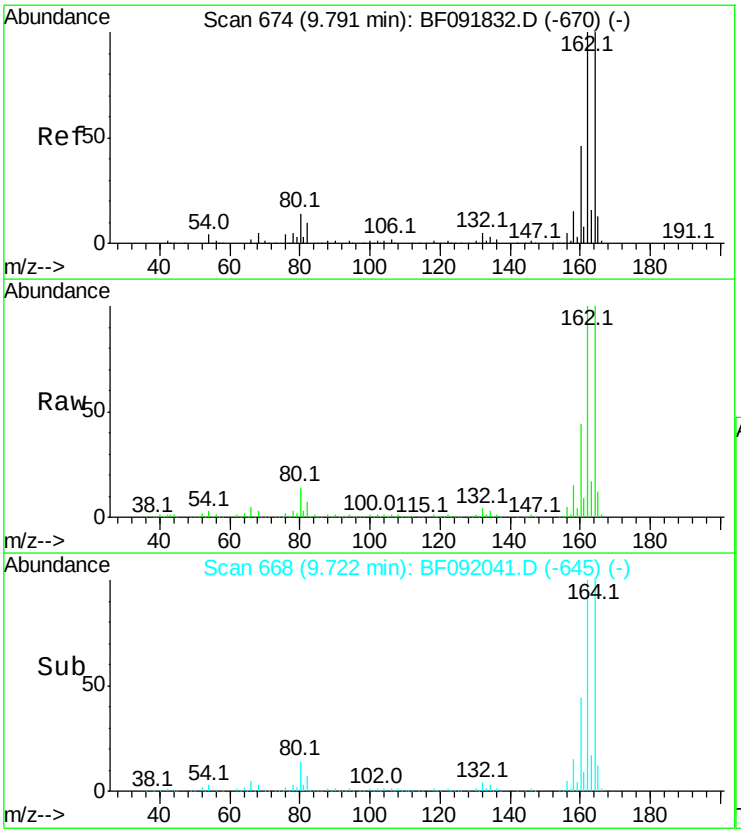
#32
Benzoic acid
Concen: 2.12 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.11 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 21472

Ion	Ratio	Lower	Upper
122	100		
105	127.4	107.2	147.2
77	93.5	74.5	114.5

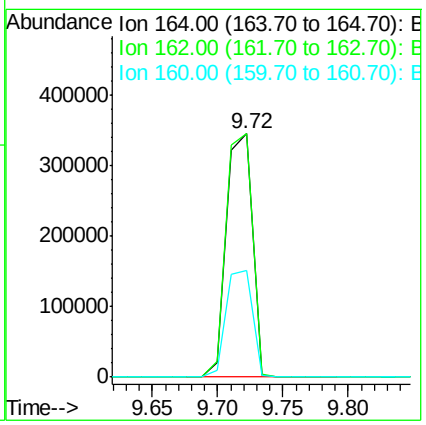


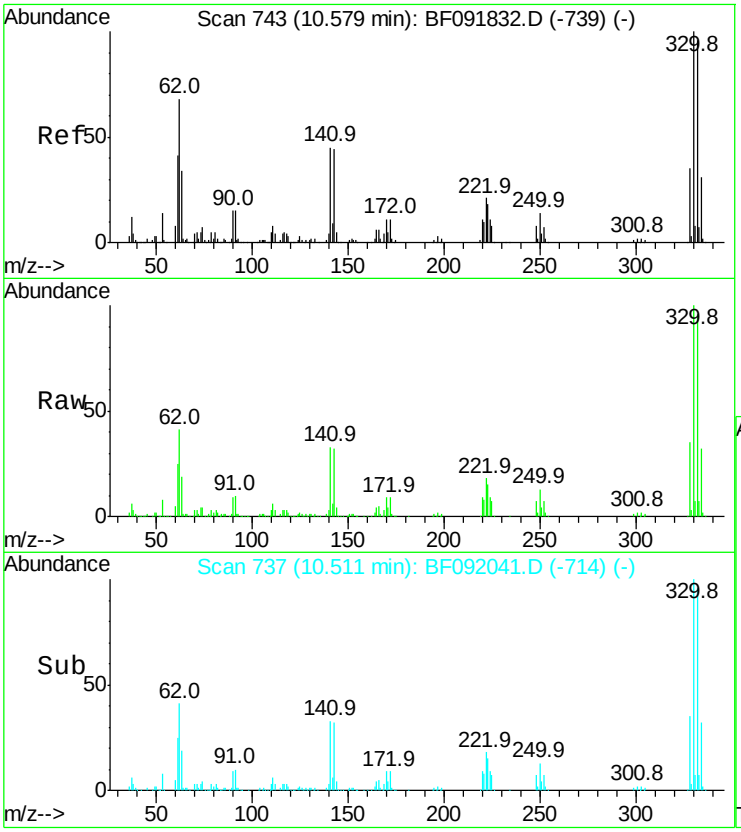


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion:164 Resp: 476316

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	43.7	36.9	55.3



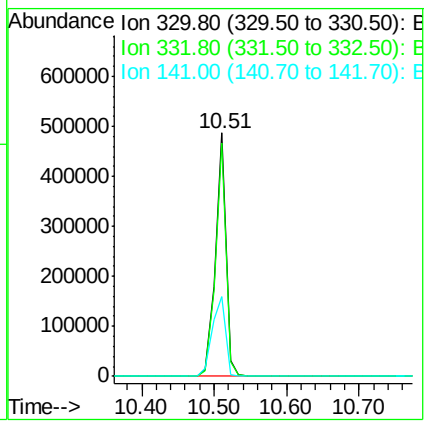


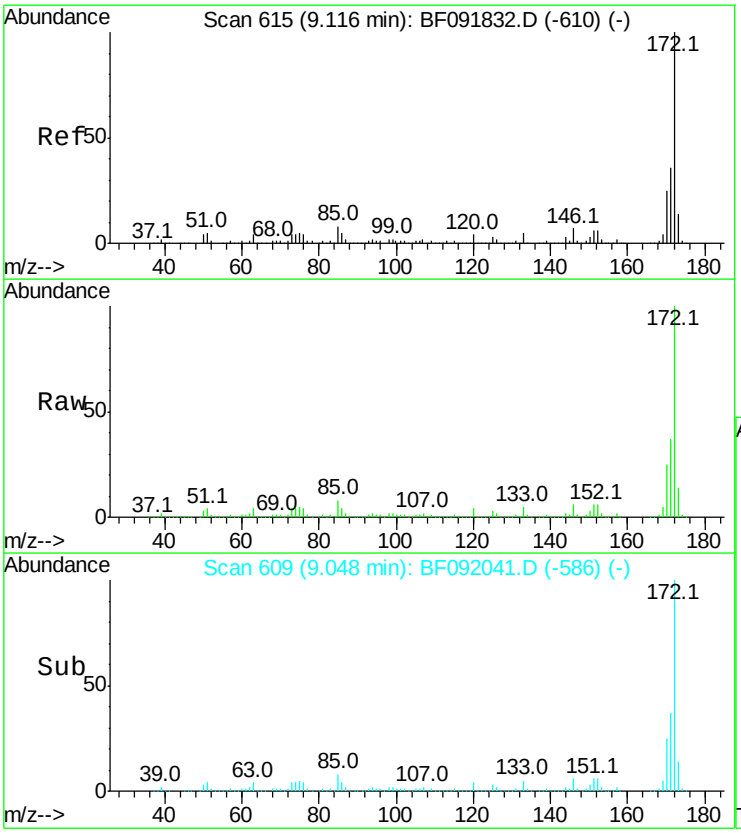
#41
2,4,6-Tribromophenol
Concen: 125.55 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 494916

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	41.1	34.1	51.1

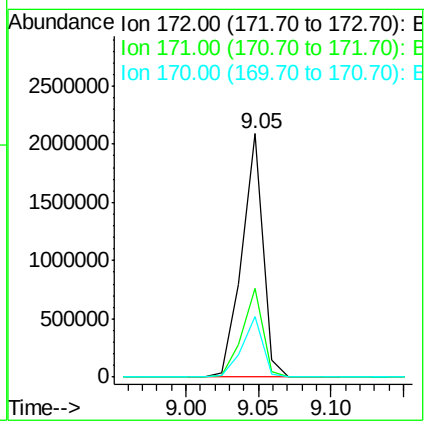


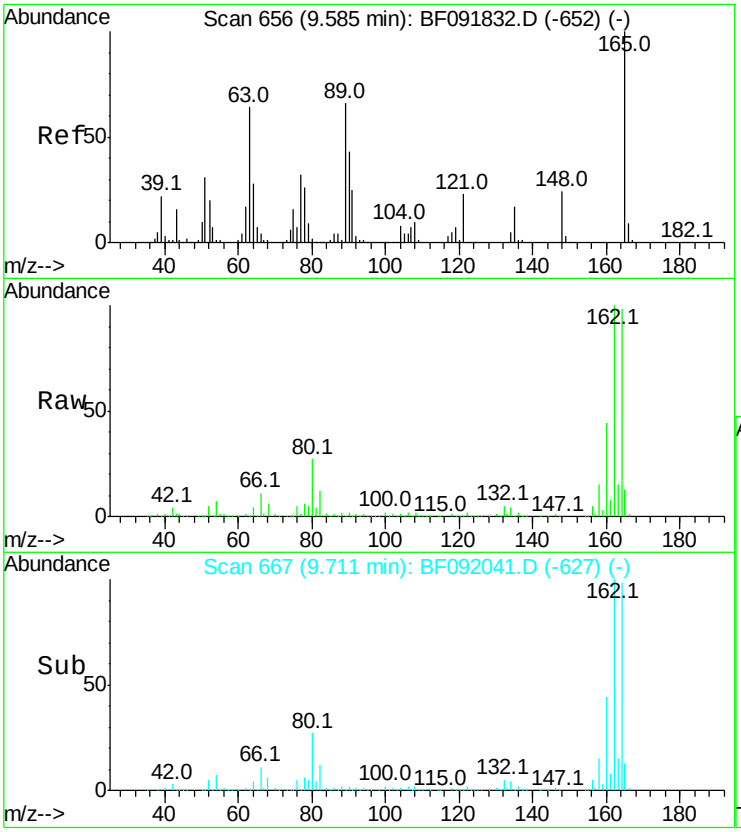


#44
2-Fluorobiphenyl
Concen: 91.80 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion:172 Resp: 2110054

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.9	20.2	30.4



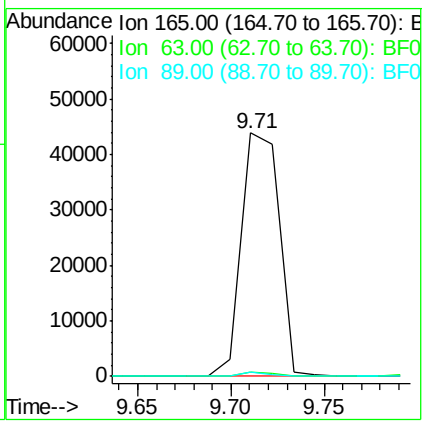


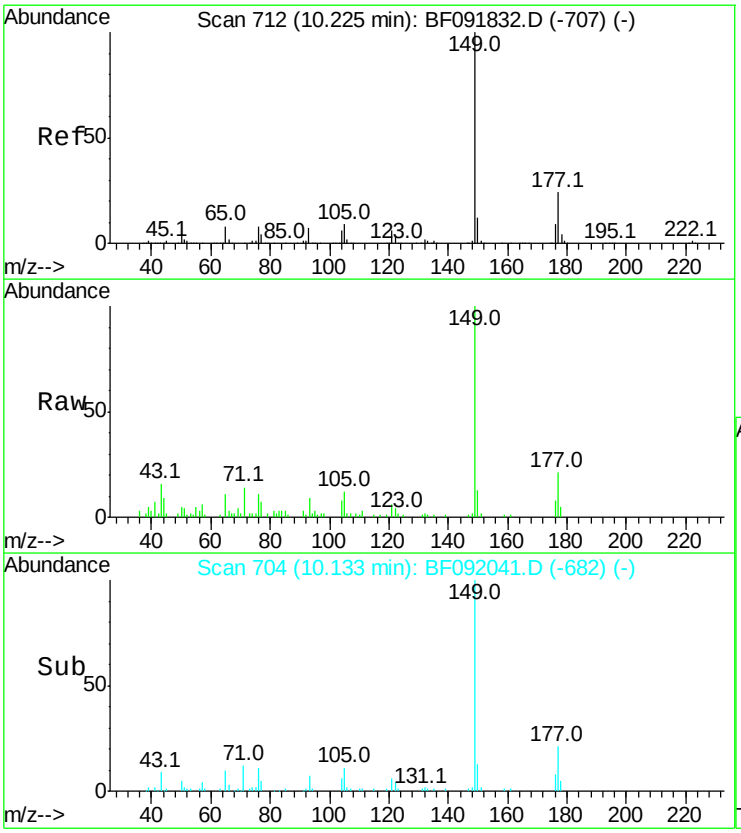
#50
2,6-Dinitrotoluene
Concen: 9.25 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.16 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 61670

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.2	54.4#
89	1.5	40.2	60.4#

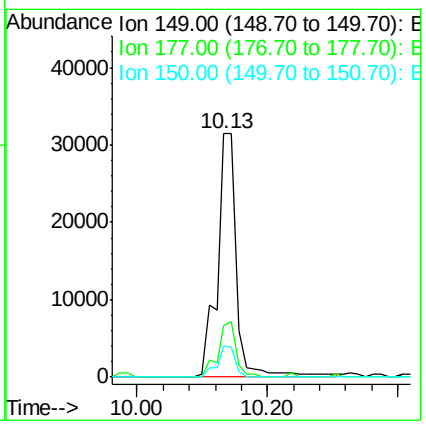


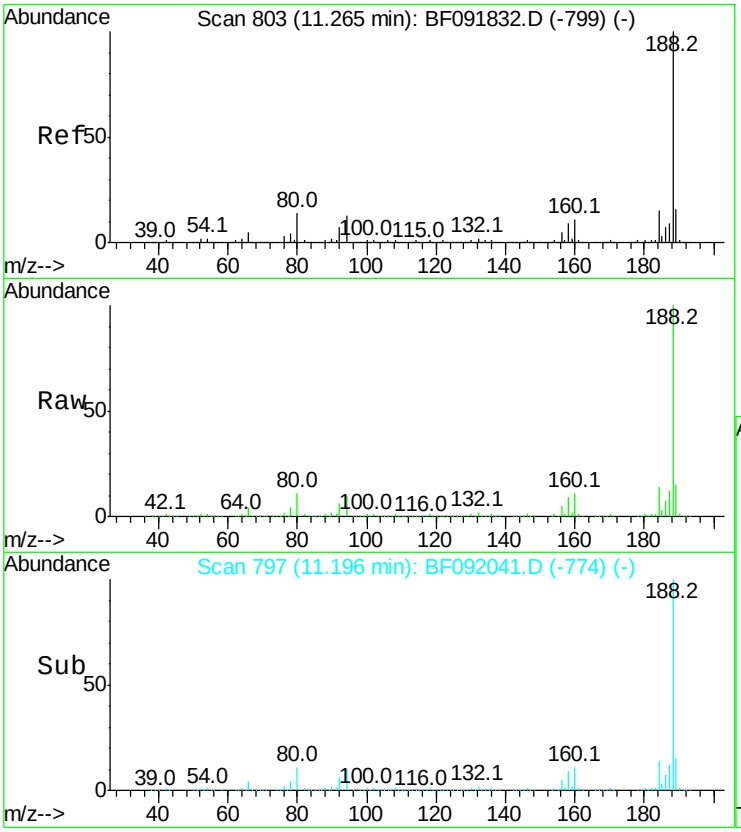


#59
Diethylphthalate
Concen: 2.20 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.05 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion:149 Resp: 65135

Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.6	25.0
150	13.0	10.4	15.6



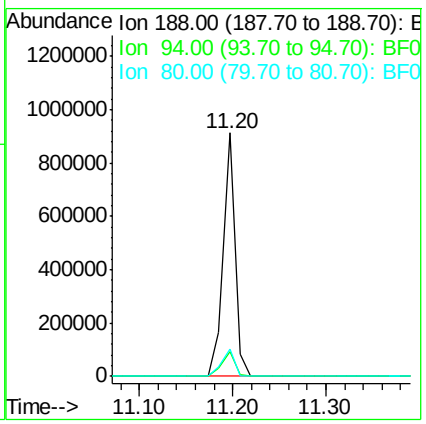


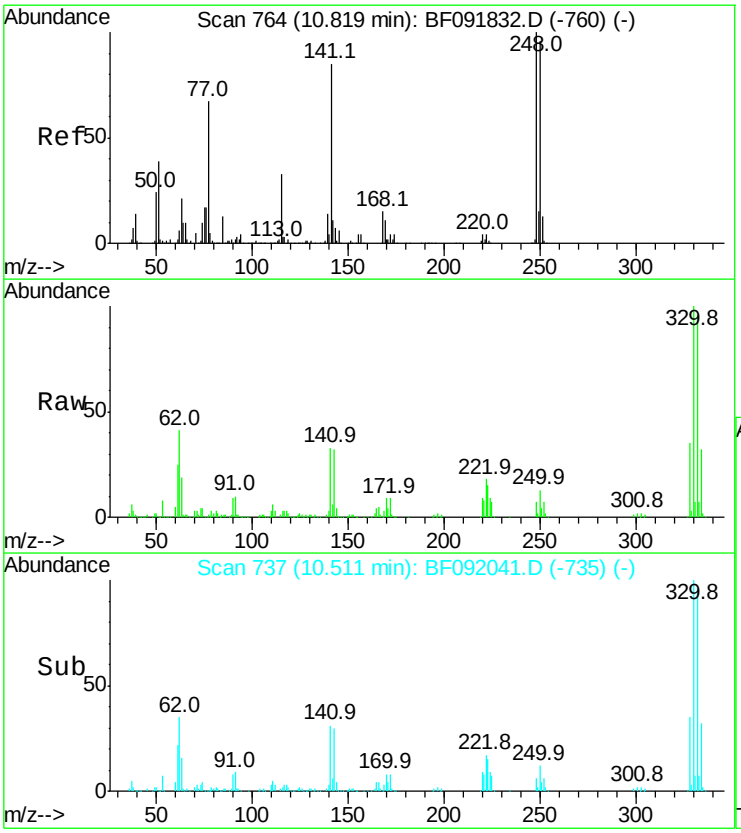
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 805653

Ion	Ratio	Lower	Upper
188	100		
94	10.3	10.0	15.0
80	11.2	11.2	16.8#

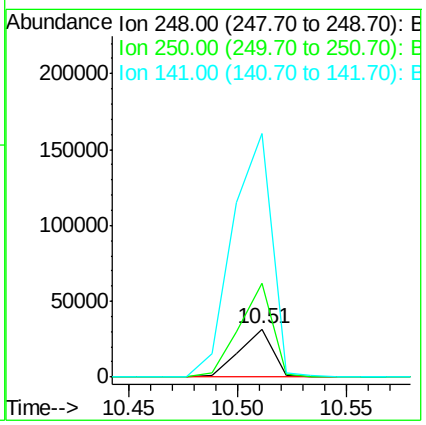


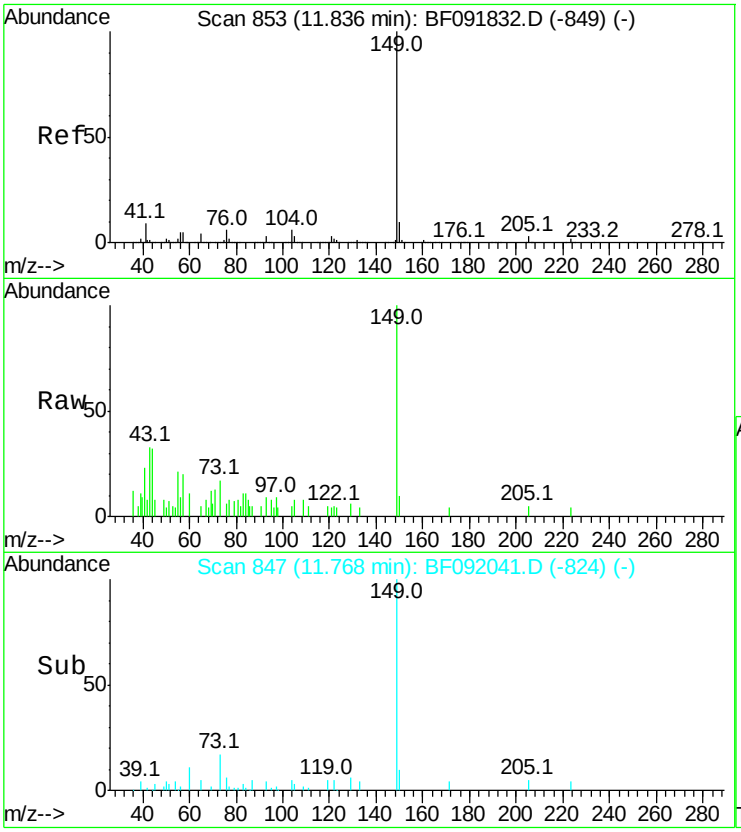


#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.27 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion:248 Resp: 33955

Ion	Ratio	Lower	Upper
248	100		
250	194.4	76.9	115.3#
141	505.3	68.2	102.4#



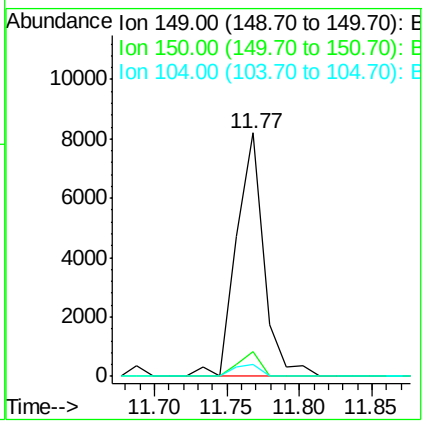


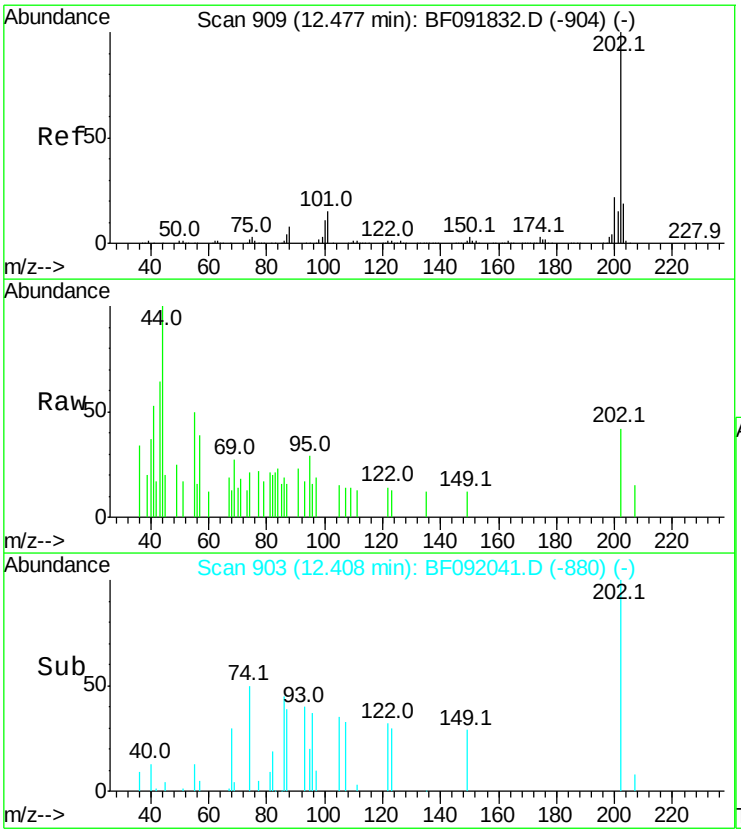
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.77 min Scan# 847
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 10707

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	4.7	4.6	7.0

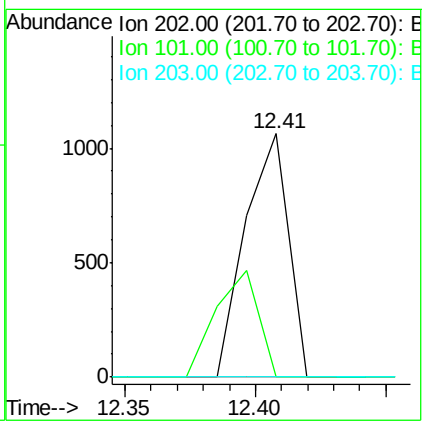


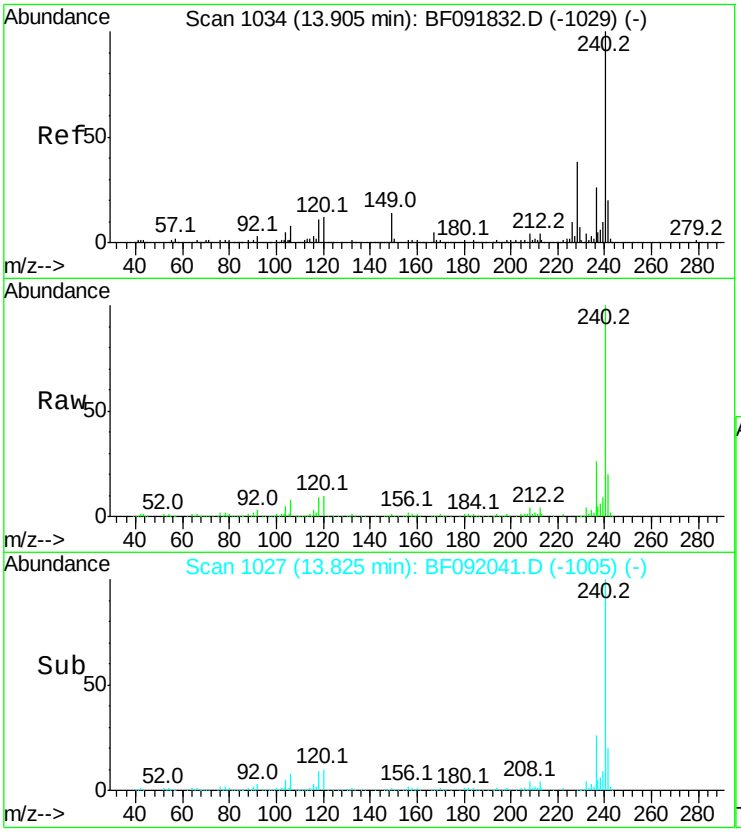


#74
Fluoranthene
Concen: Below Cal
RT: 12.41 min Scan# 903
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion:202 Resp: 1216

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



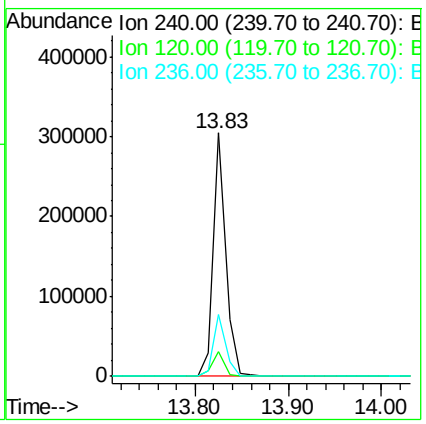


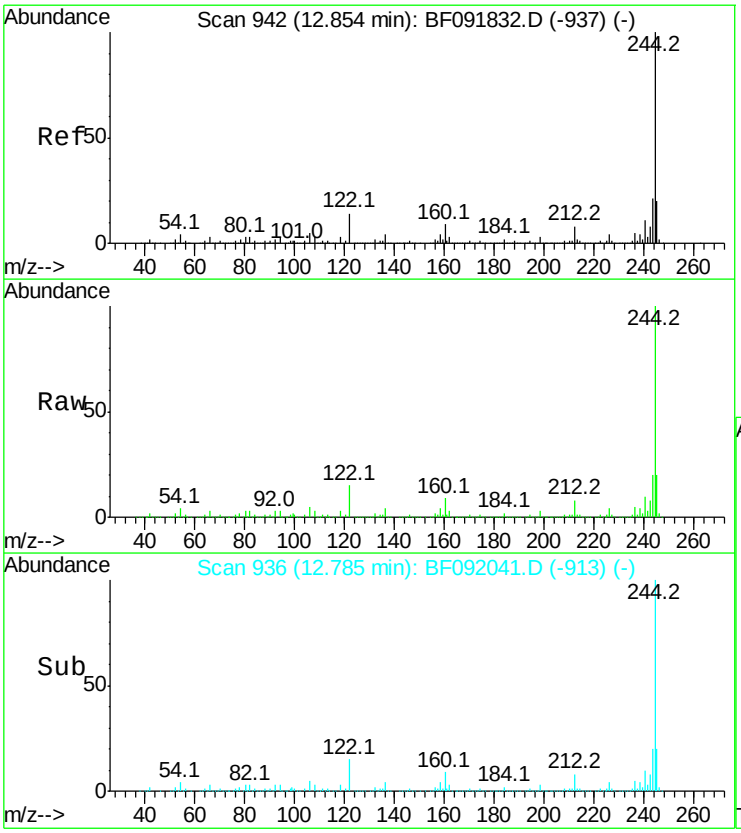
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 283766

Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.9	19.3#
236	25.5	20.9	31.3

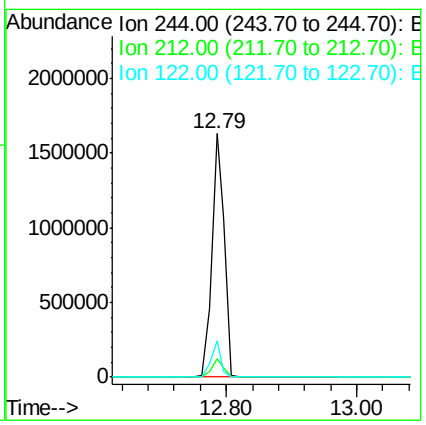


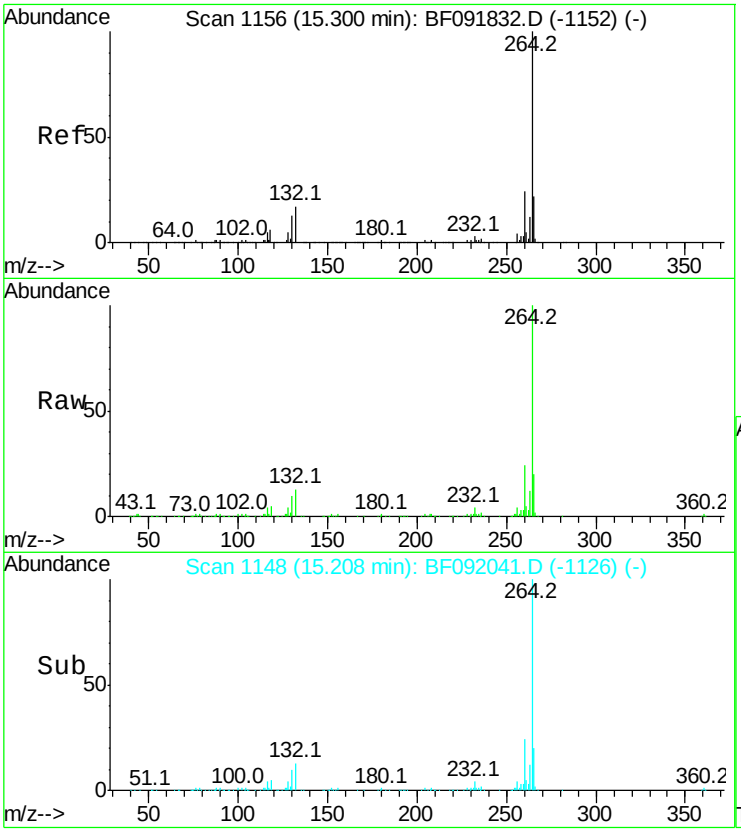


#78
Terphenyl-d14
Concen: 187.71 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion:244 Resp: 2196337

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.8	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.05 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 210376

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.2	17.4	26.0