Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091176.D
Acq On : 15 Nov 2016 13:48
Operator : UM/SJ
Sample : H5636-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS073042

Quant Time: Nov 16 00:54:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	155037	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	664371	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	356512	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	647569	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	567440	20.00	ng	-0.03
86) Perylene-d12	15.15	264	445450	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	706374	75.25	ng	-0.02
7) Phenol-d6	6.28	99	585447	45.95	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1303749	107.05	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	544591	168.97	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1996063	96.39	ng	-0.03
78) Terphenyl-d14	12.74	244	2087338	91.80	ng	-0.02
Target Compounds						Qvalue
35) Caprolactam	8.34	113	42439	16.44	ng	# 83
49) Dimethylphthalate	9.40	163	61835	2.65	ng	99

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

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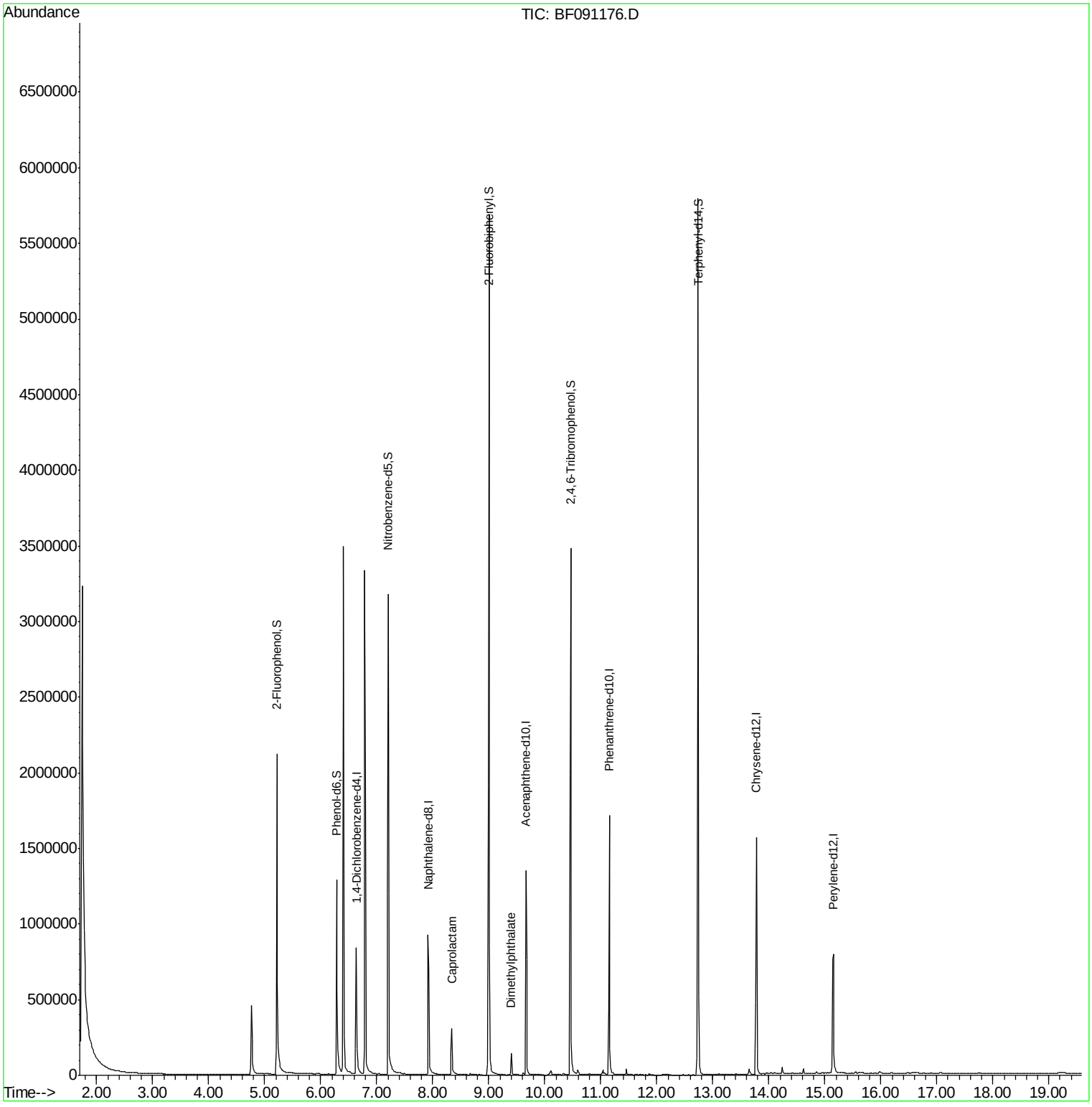
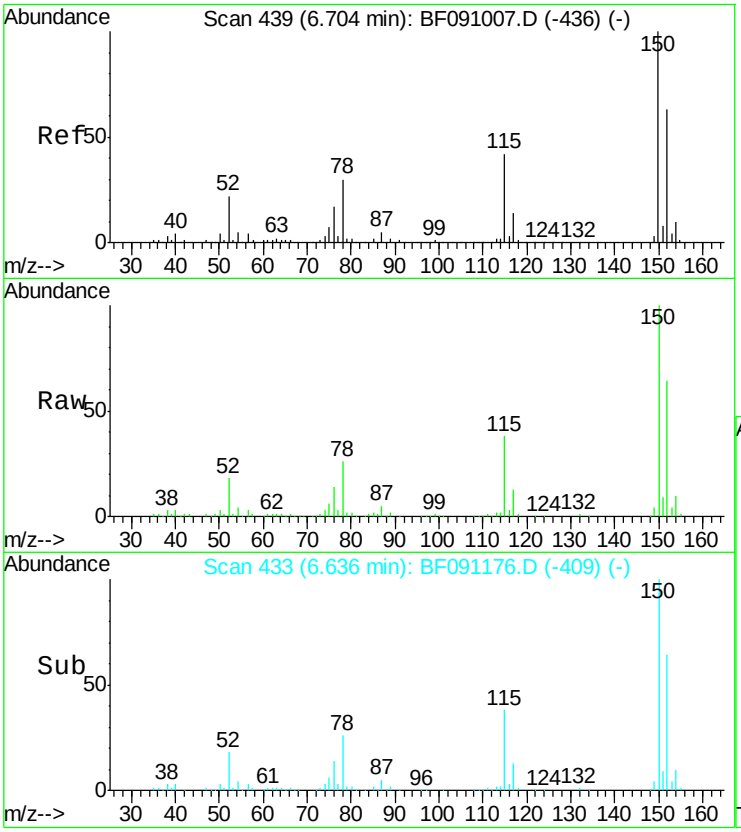


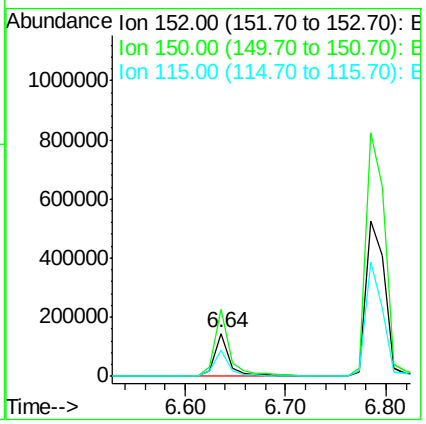


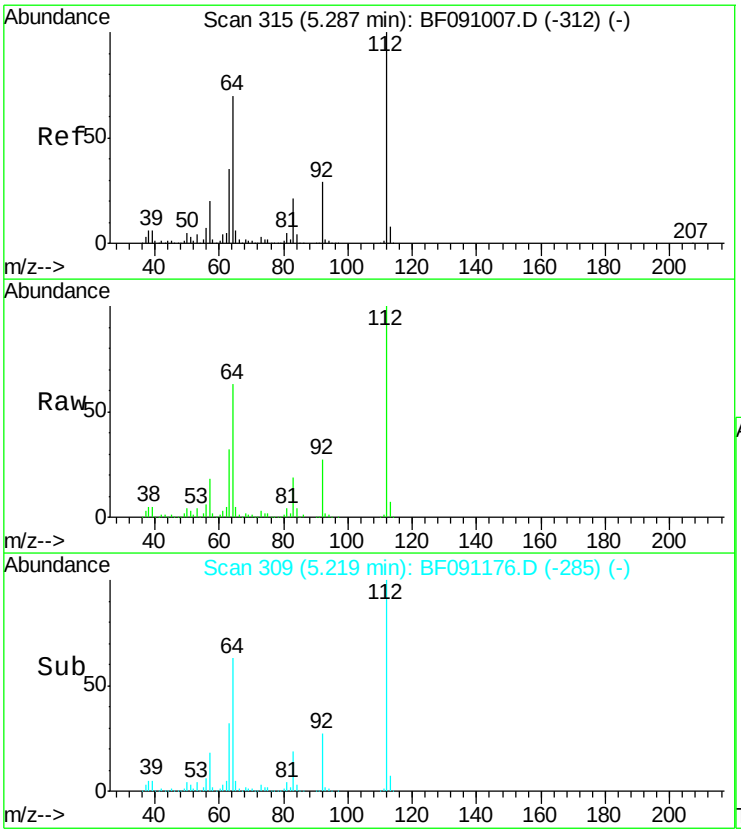
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Instrument :
BNA_F
ClientSampleId :
CPS073042

Tgt Ion:152 Resp: 155037

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.8	190.2
115	59.7	53.3	79.9

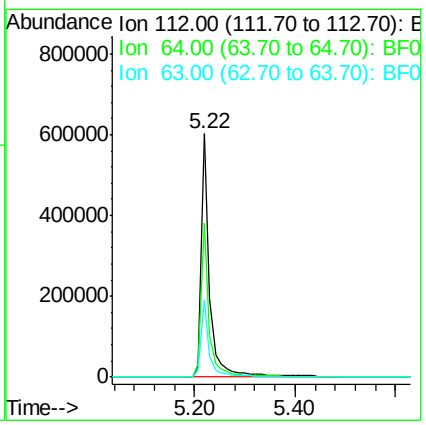


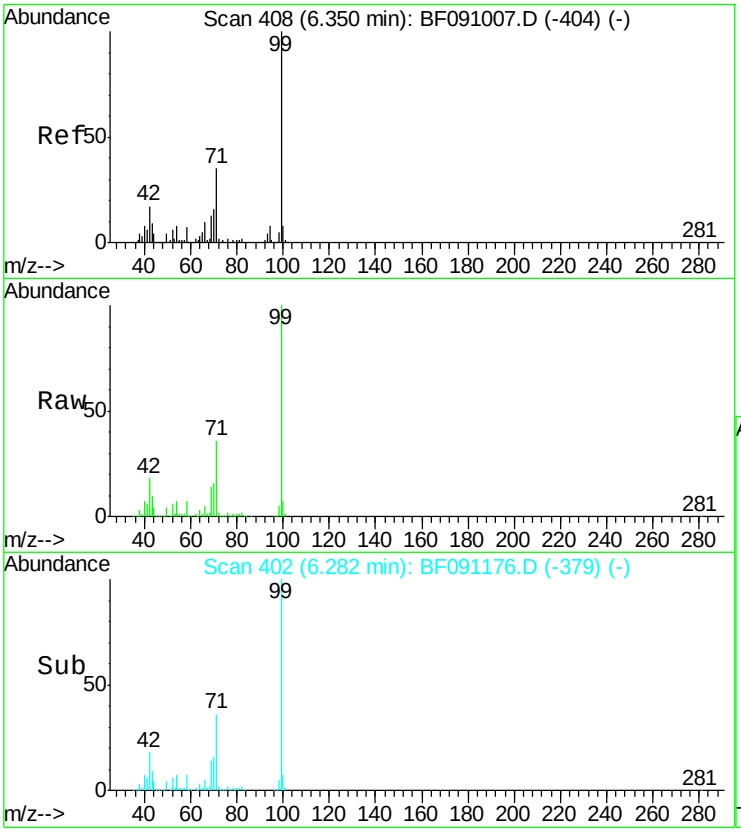


#5
2-Fluorophenol
Concen: 75.25 ng
RT: 5.22 min Scan# 309
Delta R.T. -0.02 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Tgt Ion:112 Resp: 706374

Ion	Ratio	Lower	Upper
112	100		
64	63.4	55.8	83.6
63	31.7	28.0	42.0



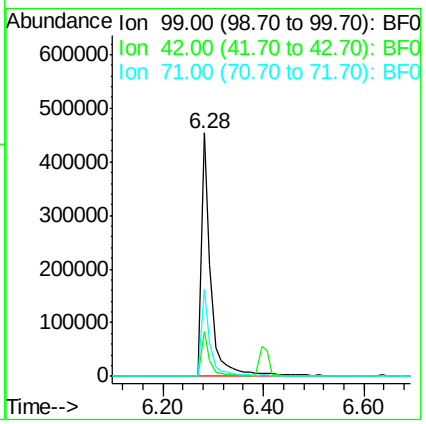


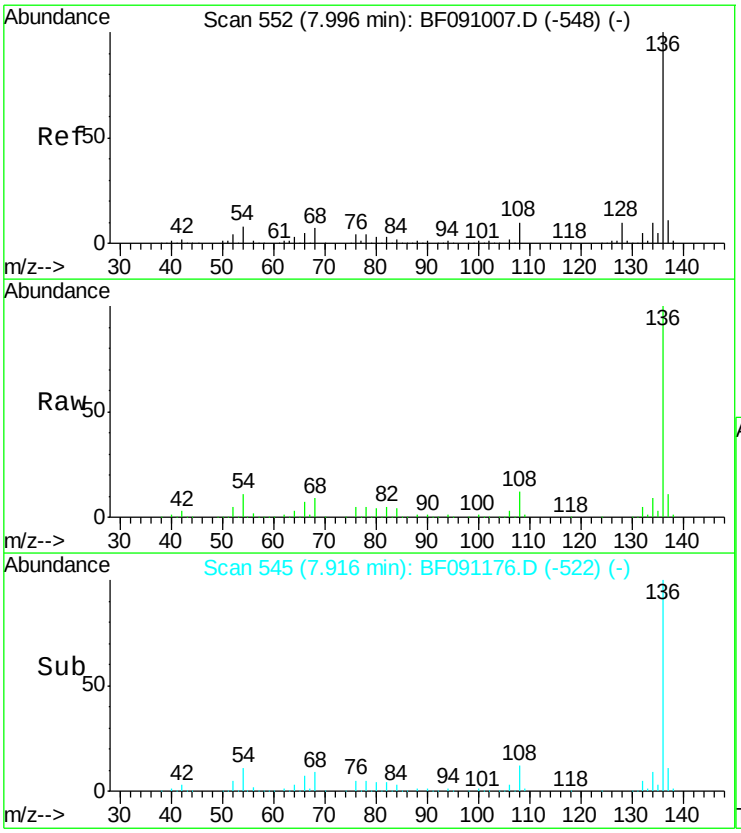
#7
Phenol-d6
Concen: 45.95 ng
RT: 6.28 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Instrument :
BNA_F
ClientSampleId :
CPS073042

Tgt Ion: 99 Resp: 585447

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.9	20.9
71	36.1	27.8	41.8

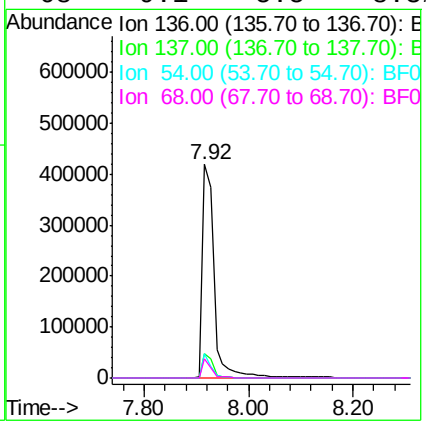


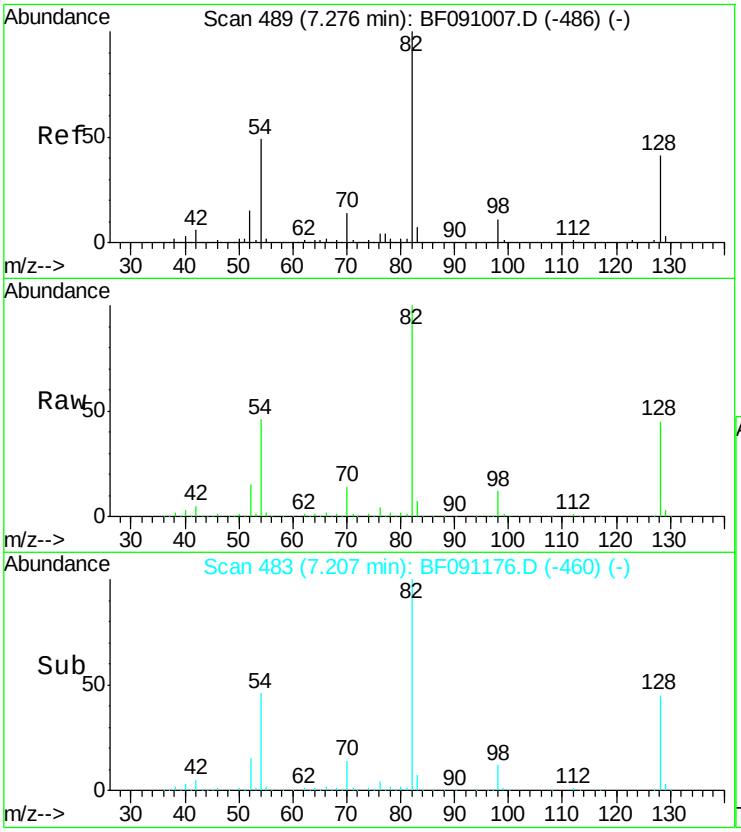


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Tgt Ion:136 Resp: 664371

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	11.2	6.2	9.2#
68	9.1	5.5	8.3#



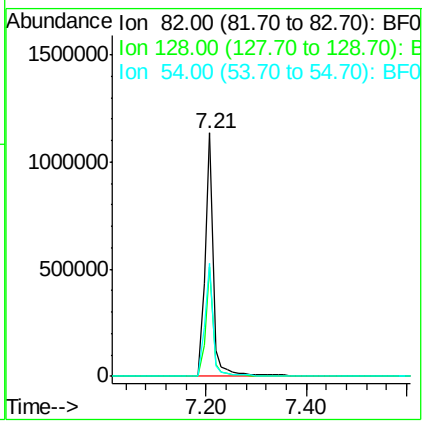


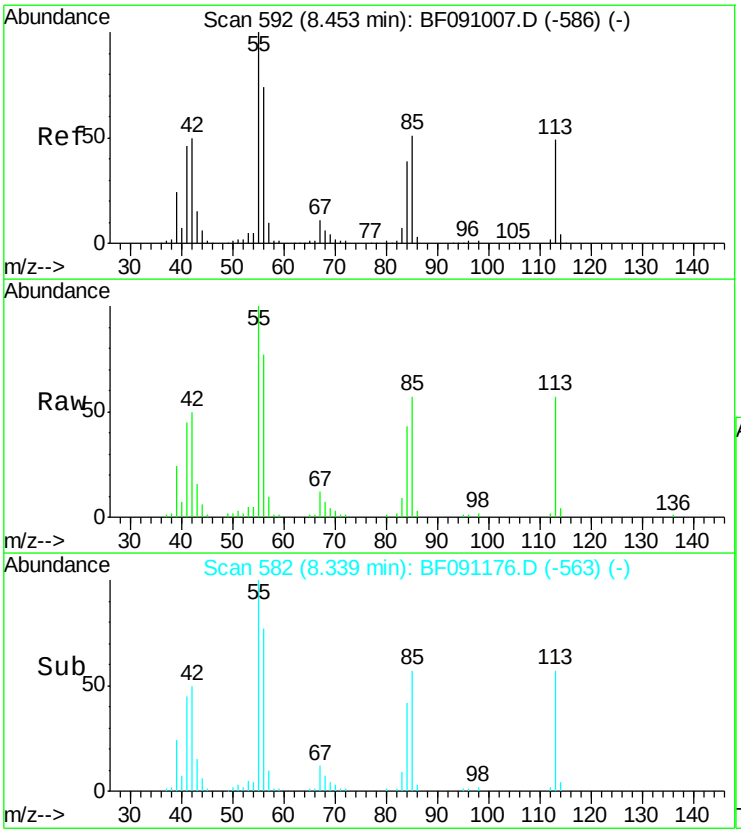
#23
Nitrobenzene-d5
Concen: 107.05 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Instrument :
BNA_F
ClientSampleId :
CPS073042

Tgt Ion: 82 Resp: 1303749

Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.4	48.6
54	46.4	39.2	58.8

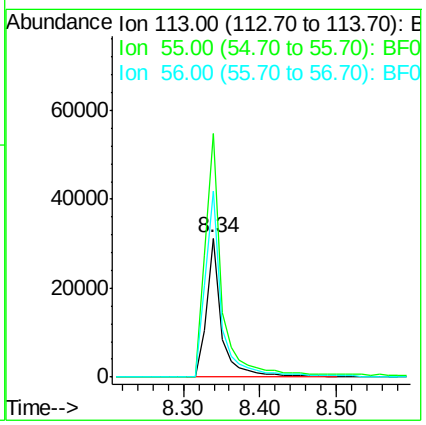


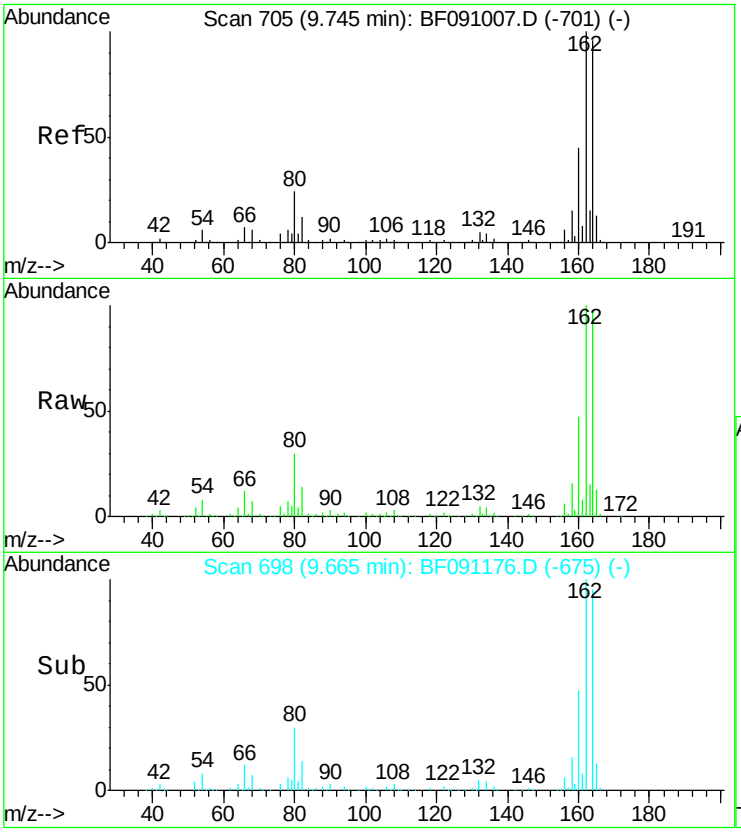


#35
Caprolactam
Concen: 16.44 ng
RT: 8.34 min Scan# 582
Delta R.T. -0.08 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Tgt Ion:113 Resp: 42439

Ion	Ratio	Lower	Upper
113	100		
55	175.1	184.1	224.1#
56	134.2	132.0	172.0



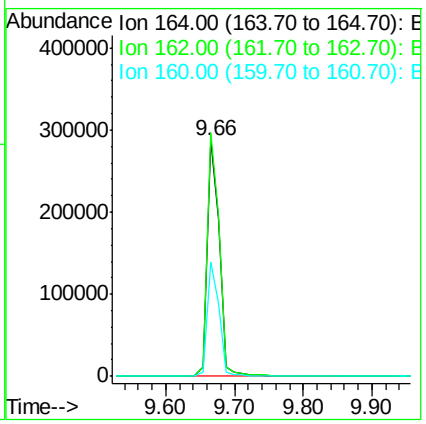


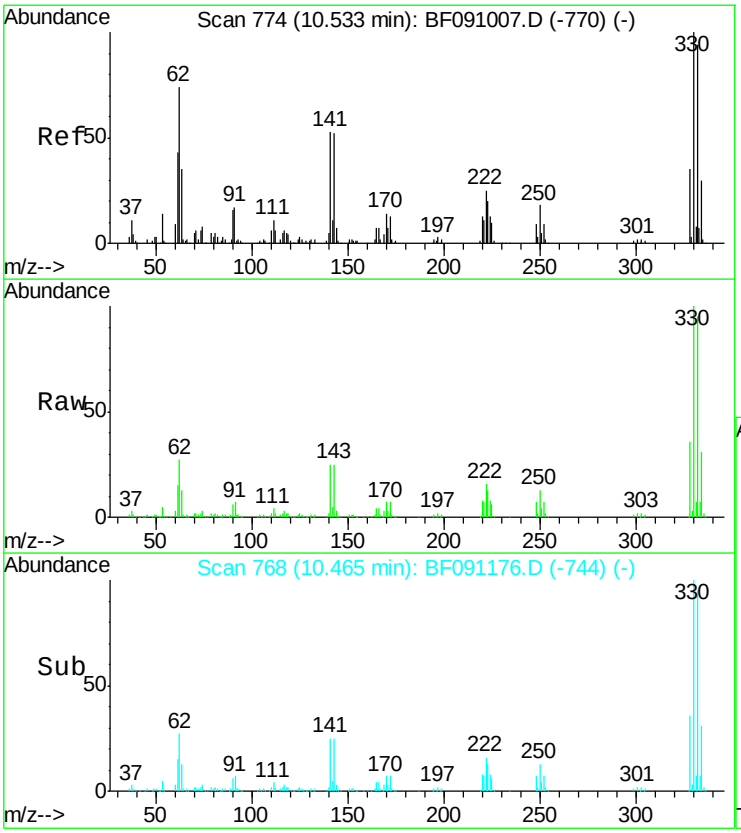
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Instrument :
BNA_F
ClientSampleId :
CPS073042

Tgt Ion:164 Resp: 356512

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.6	125.4
160	48.3	37.9	56.9

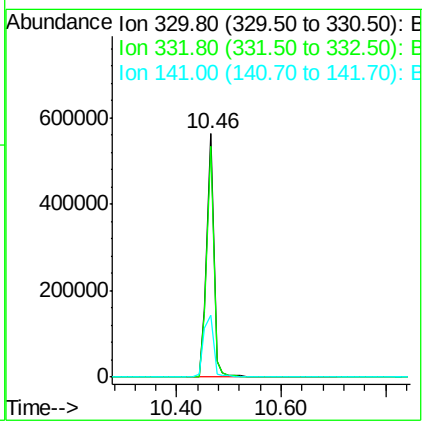


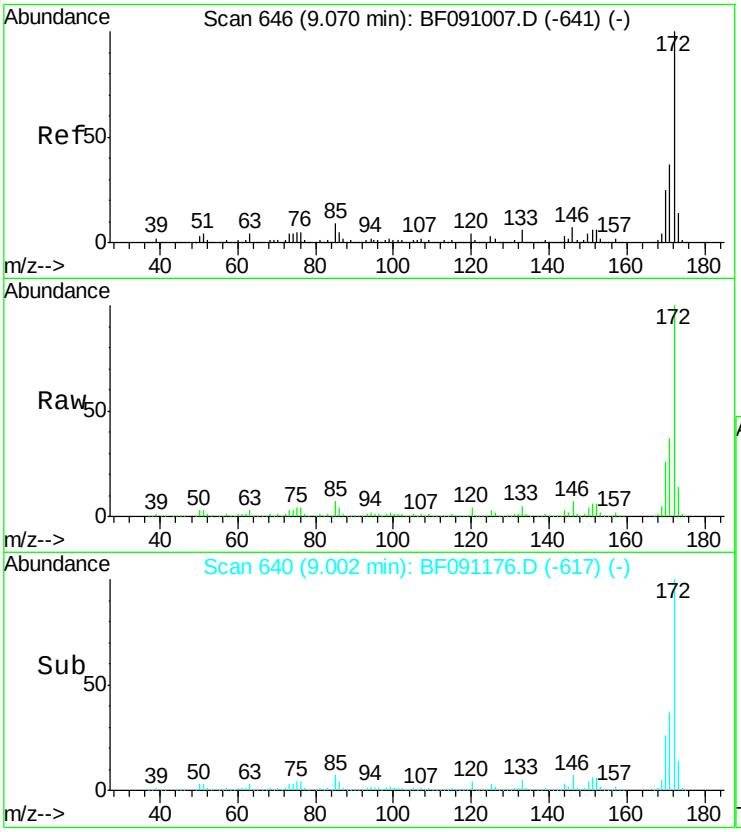


#41
2,4,6-Tribromophenol
Concen: 168.97 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Tgt Ion:330 Resp: 544591

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.9	113.9
141	36.2	36.1	54.1



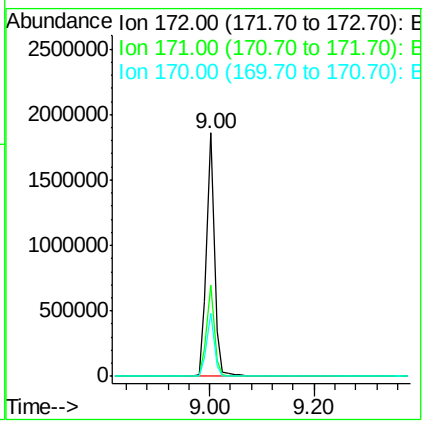


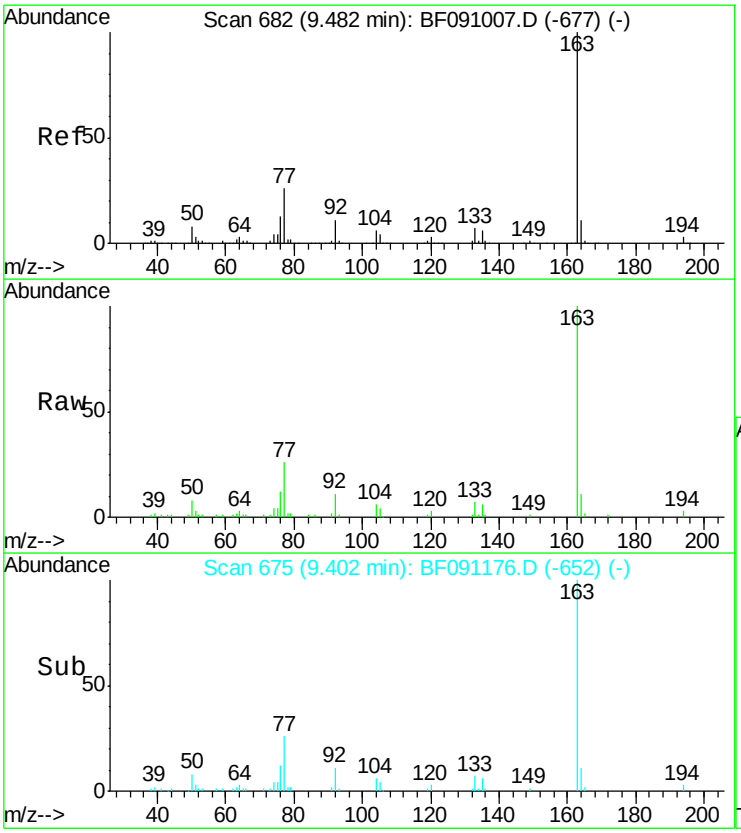
#44
2-Fluorobiphenyl
Concen: 96.39 ng
RT: 9.00 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Instrument :
BNA_F
ClientSampleId :
CPS073042

Tgt Ion:172 Resp: 1996063

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.9	20.3	30.5

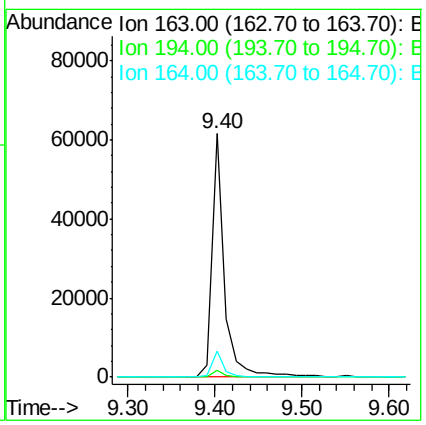


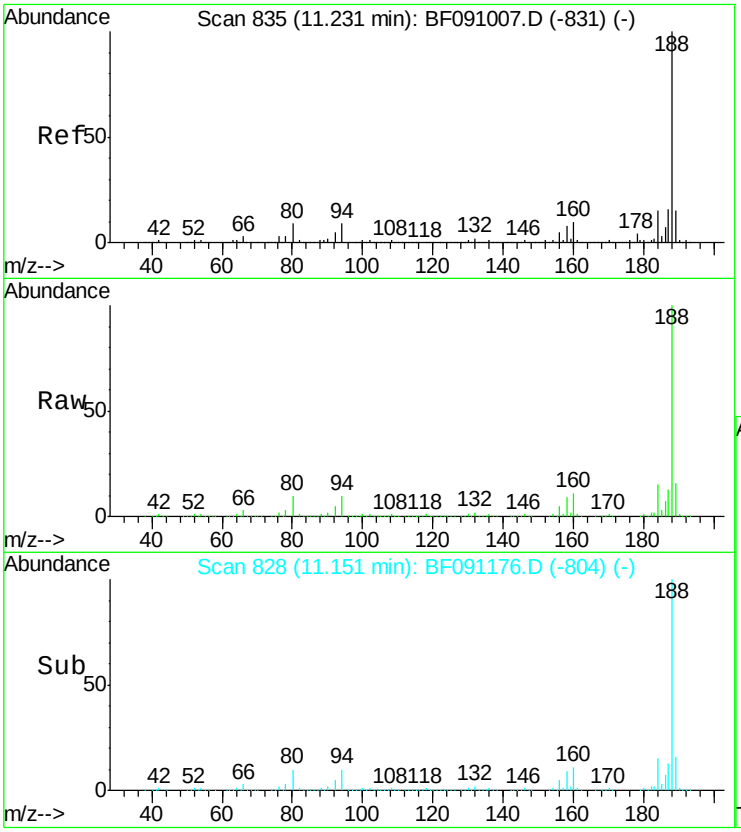


#49
Dimethylphthalate
Concen: 2.65 ng
RT: 9.40 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Tgt Ion:163 Resp: 61835

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	10.5	8.7	13.1



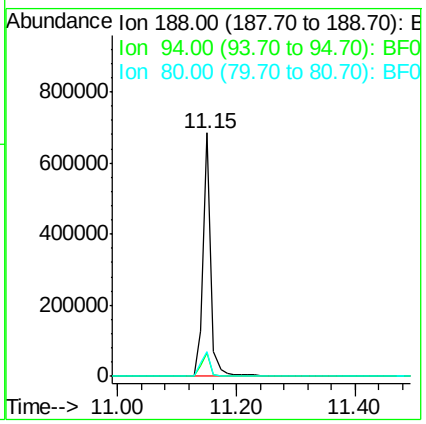


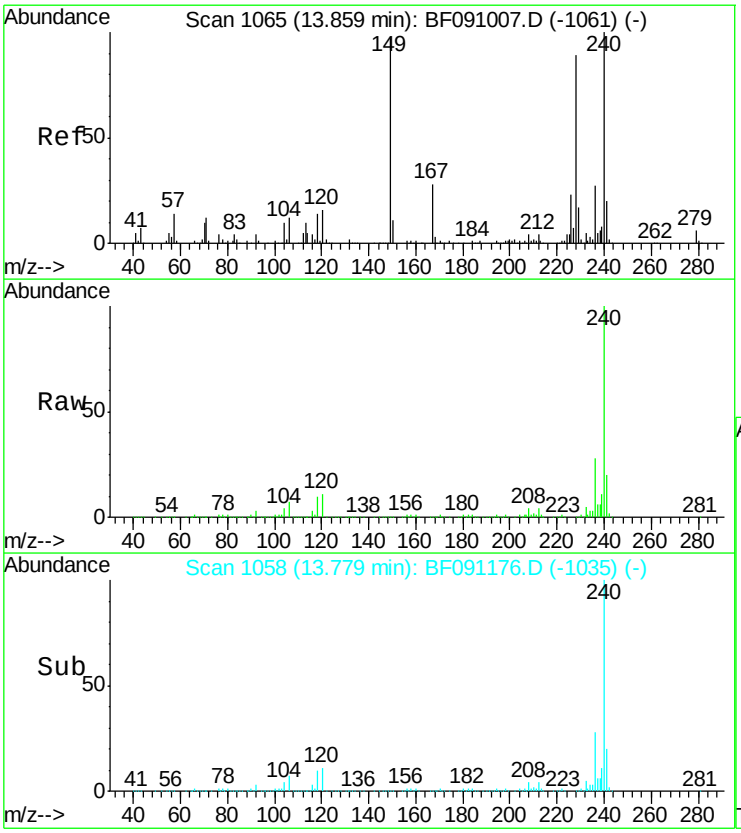
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Instrument :
BNA_F
ClientSampleId :
CPS073042

Tgt Ion:188 Resp: 647569

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.4
80	10.4	7.5	11.3

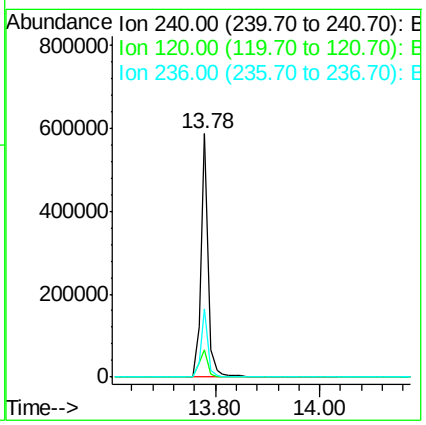


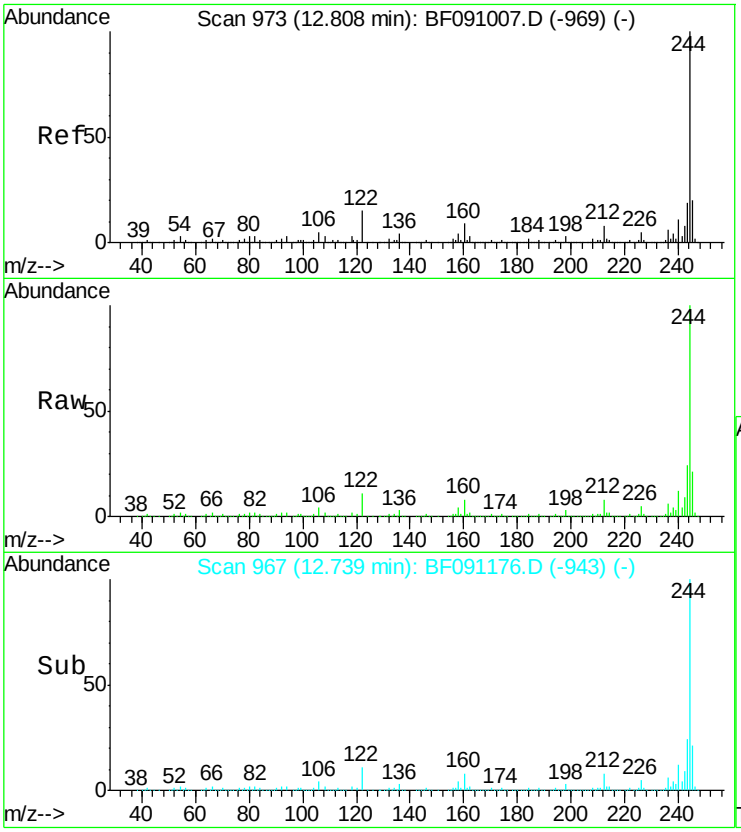


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Tgt Ion:240 Resp: 567440

Ion	Ratio	Lower	Upper
240	100		
120	11.1	12.9	19.3#
236	27.9	21.9	32.9



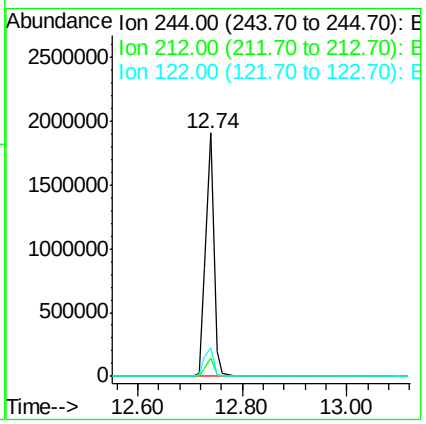


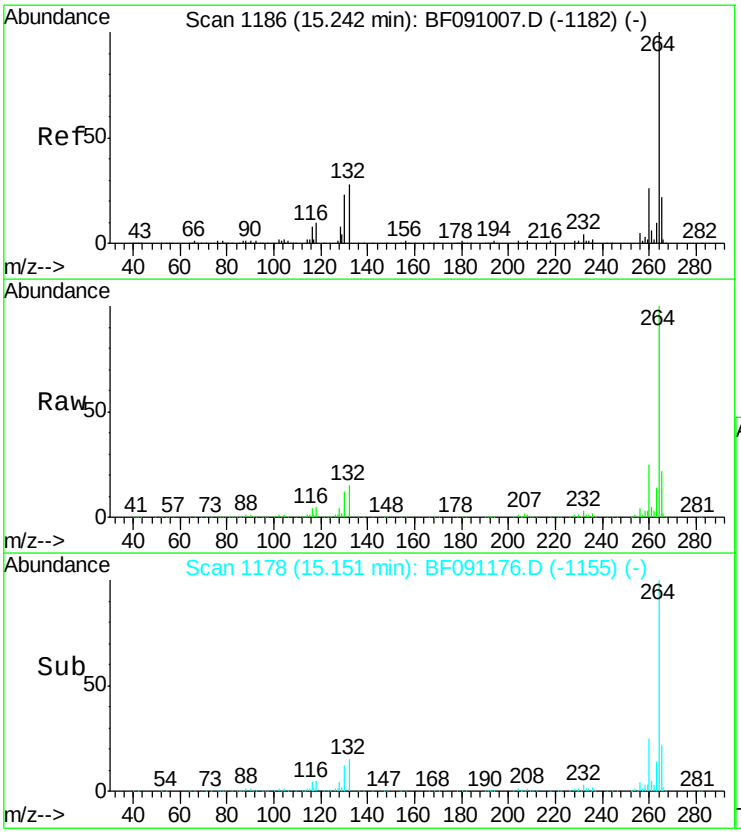
#78
Terphenyl-d14
Concen: 91.80 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Instrument :
BNA_F
ClientSampleId :
CPS073042

Tgt Ion:244 Resp: 2087338

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	11.5	12.3	18.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Tgt Ion:264 Resp: 445450

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	21.6	17.8	26.8