Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091695.D
Acq On : 17 Dec 2016 1:35
Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-45(10-12)-12-14-16

Quant Time: Dec 19 13:15:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	193183	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	459928	20.00	ng		0.02
38) Acenaphthene-d10	9.86	164	206234	20.00	ng		0.03
63) Phenanthrene-d10	11.32	188	434861	20.00	ng		0.01
75) Chrysene-d12	13.97	240	385626	20.00	ng		0.03
86) Perylene-d12	15.36	264	323568	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1503339	131.11	ng		0.00
7) Phenol-d6	6.43	99	1948649	136.32	ng		0.00
23) Nitrobenzene-d5	7.36	82	1121353	136.08	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	260559	152.11	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	624683	52.34	ng		0.03
78) Terphenyl-d14	12.96	244	791000	46.55	ng		0.06
Target Compounds							Qvalue
10) Phenol	6.44	94	114147	6.83	ng		89
37) 2-Methylnaphthalene	8.83	142	188425	13.60	ng	#	76
57) Fluorene	10.38	166	162209	11.25	ng	#	69
70) Phenanthrene	11.34	178	224312	10.42	ng	#	88
71) Anthracene	11.39	178	69032	2.97	ng	#	42
74) Fluoranthene	12.56	202	102200m	4.53	ng		
83) Bis(2-ethylhexyl)phthalate	13.94	149	208836	13.65	ng	#	48

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

Quantitation Report (LSC Reviewed)

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BNA_F
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SB-45(10-12)-12-14-16

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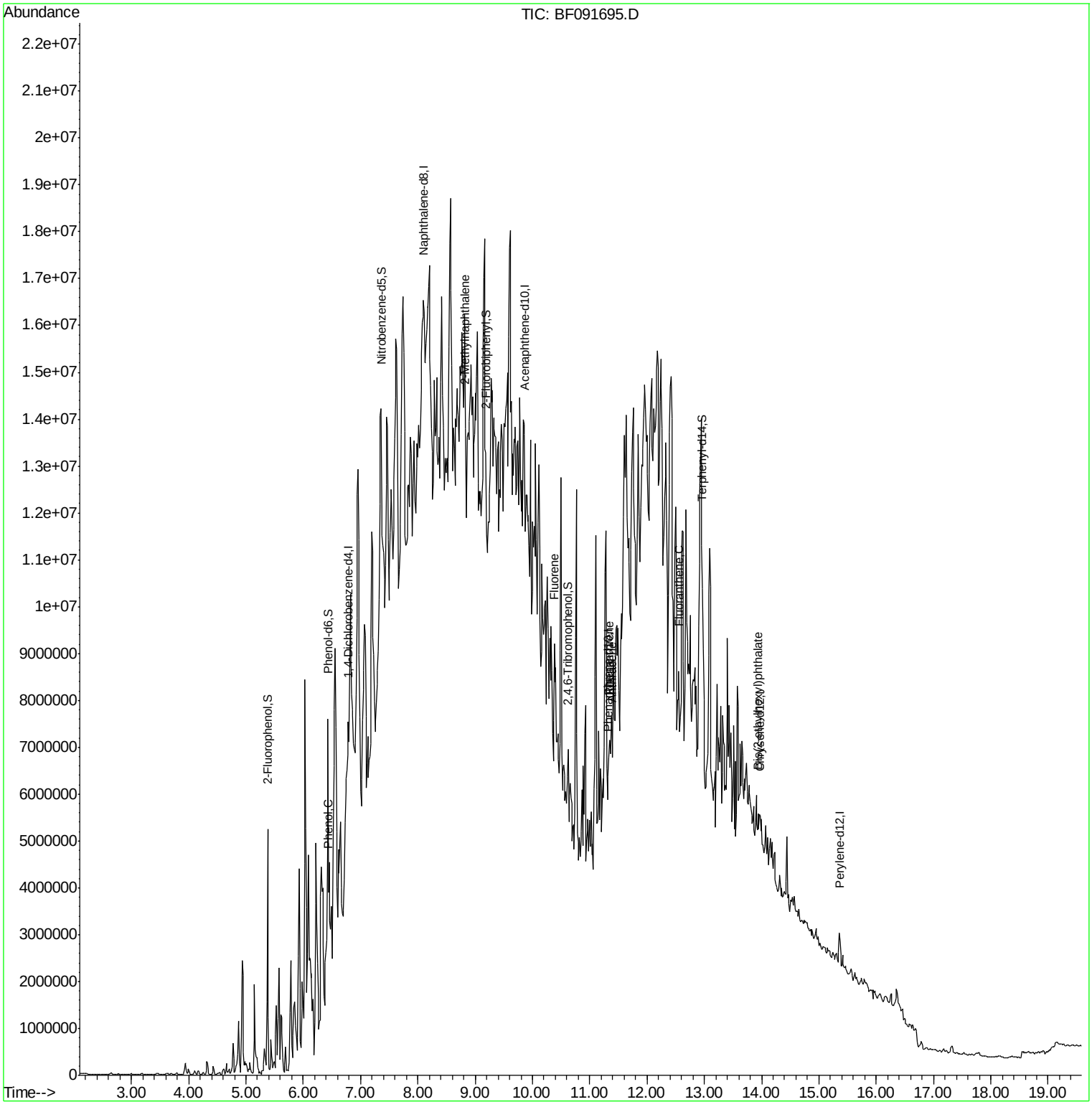
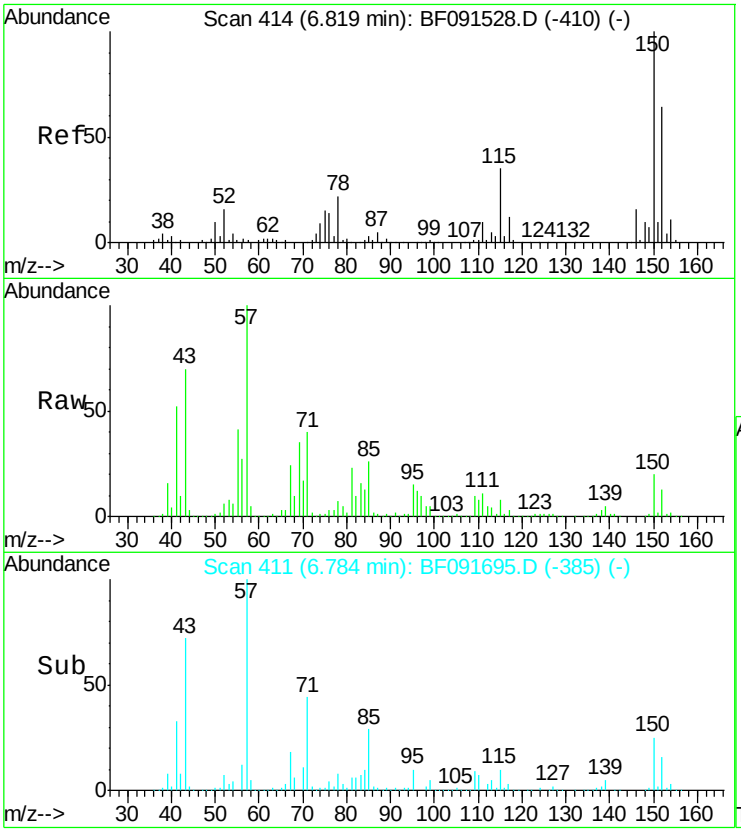


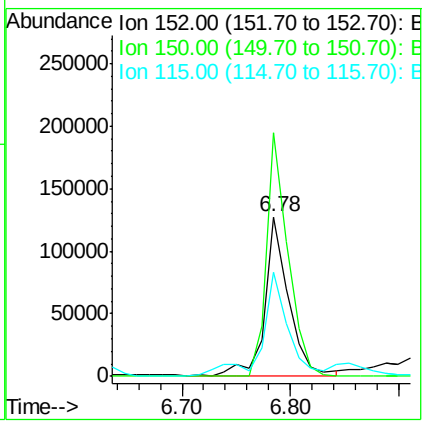


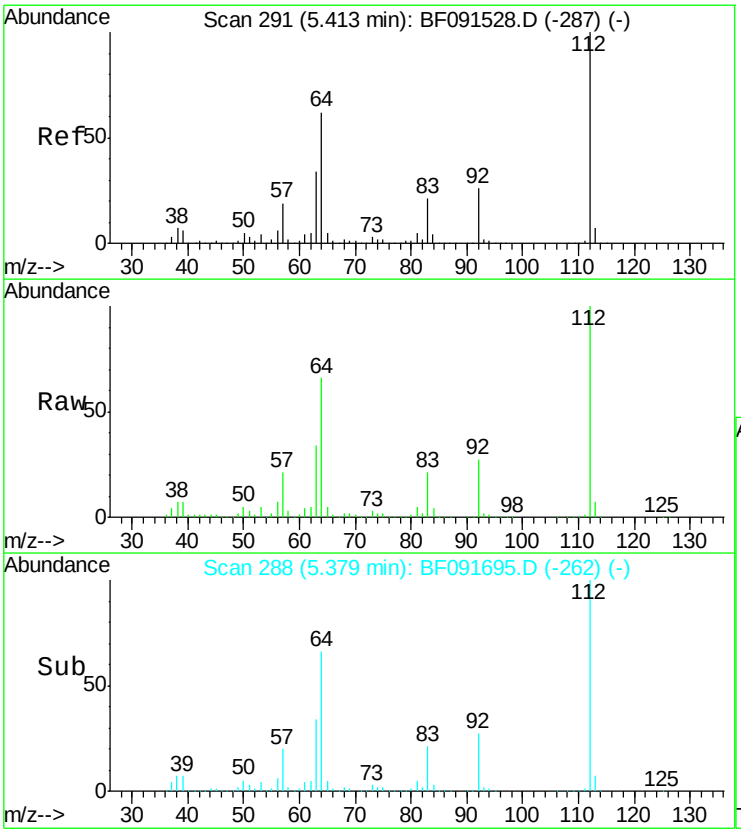
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

Tgt Ion:152 Resp: 193183

Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.5	183.7
115	65.0	51.8	77.8

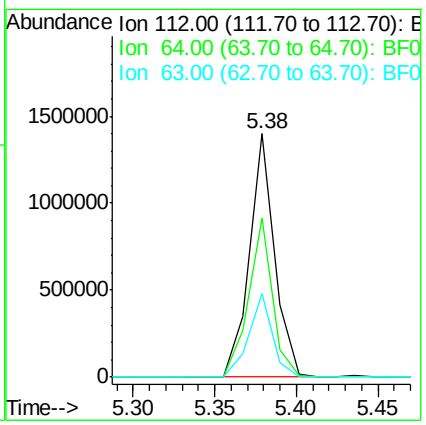


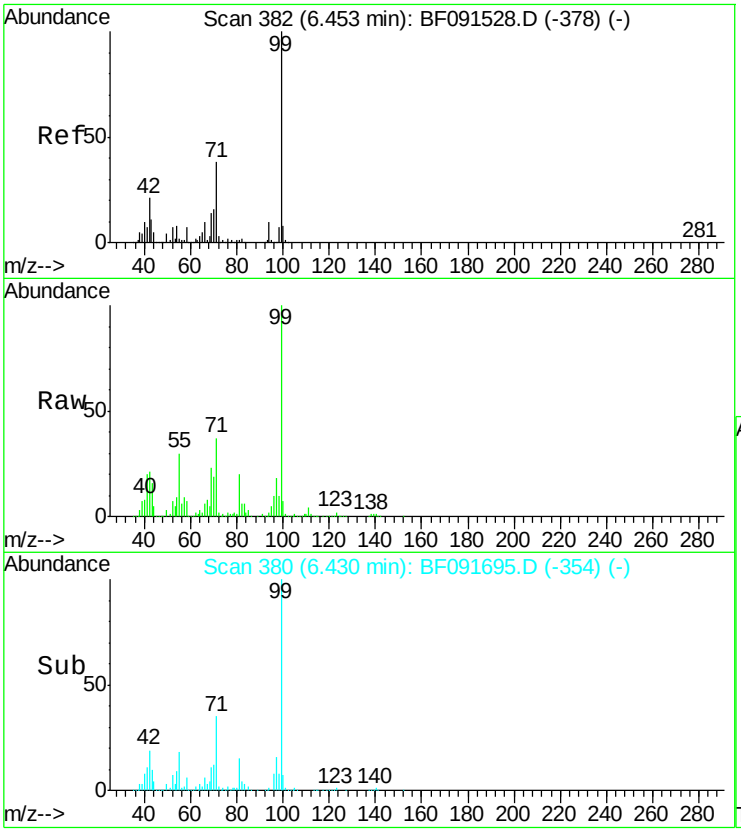


#5
2-Fluorophenol
Concen: 131.11 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Tgt Ion:112 Resp: 1503339

Ion	Ratio	Lower	Upper
112	100		
64	65.5	61.5	92.3
63	34.2	33.3	49.9



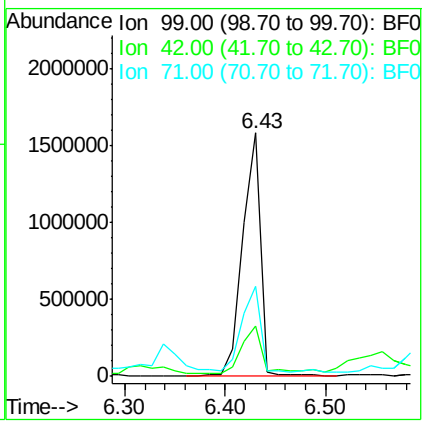


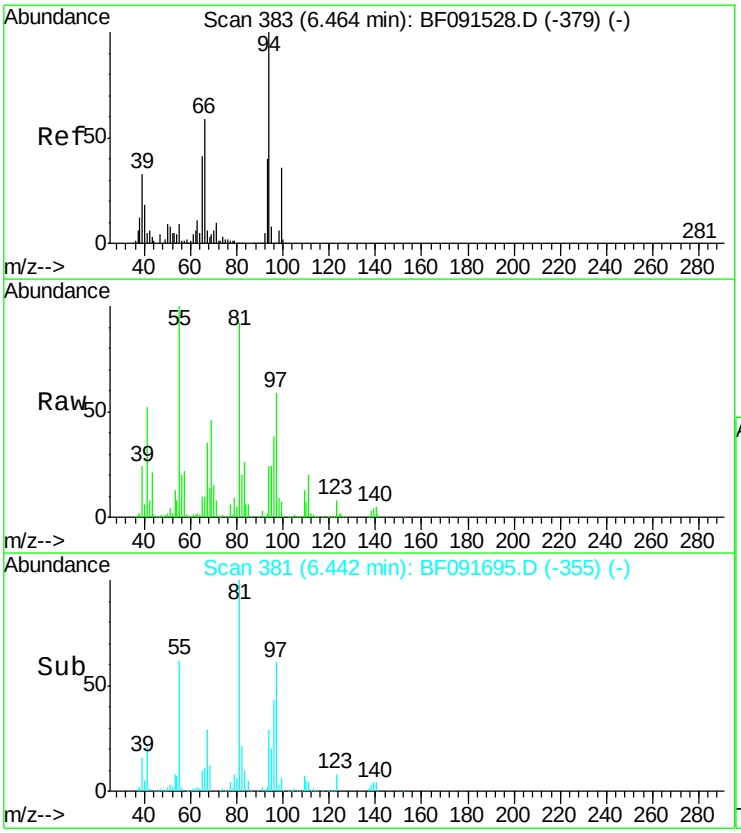
#7
Phenol-d6
Concen: 136.32 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

Tgt Ion: 99 Resp: 1948649

Ion	Ratio	Lower	Upper
99	100		
42	20.7	20.6	31.0
71	37.1	29.9	44.9

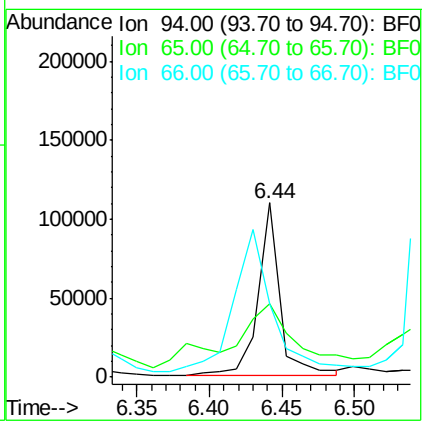


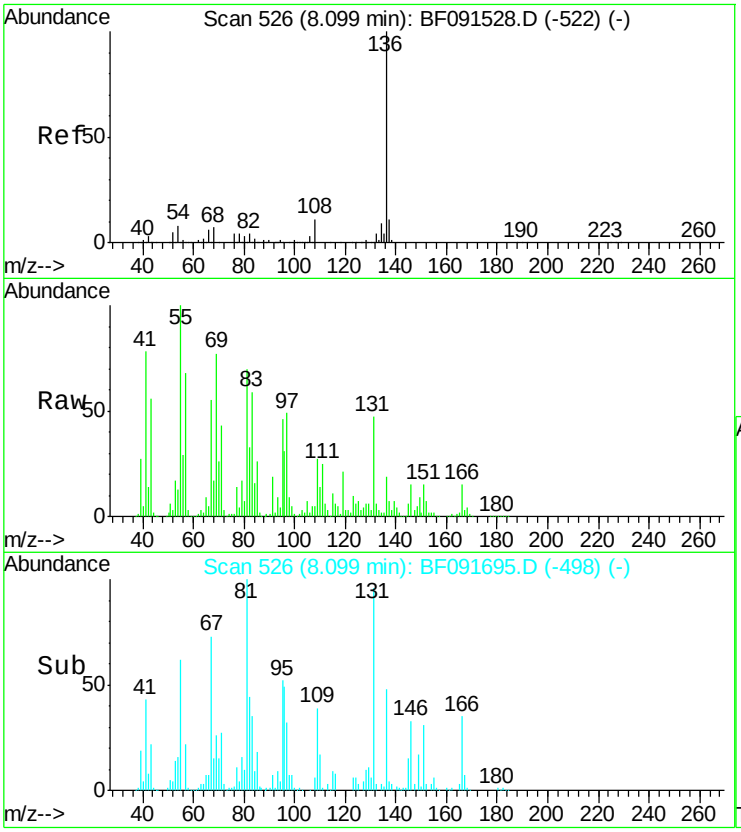


#10
Phenol
Concen: 6.83 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Tgt Ion: 94 Resp: 114147

Ion	Ratio	Lower	Upper
94	100		
65	42.4	16.9	56.9
66	41.9	30.6	70.6



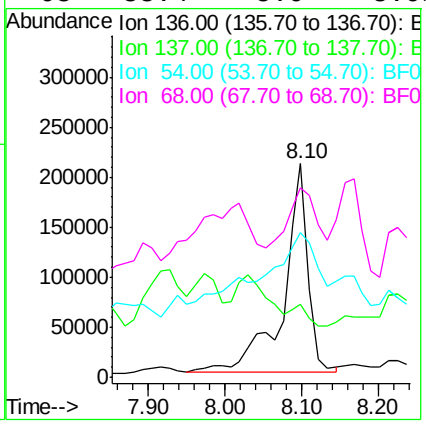


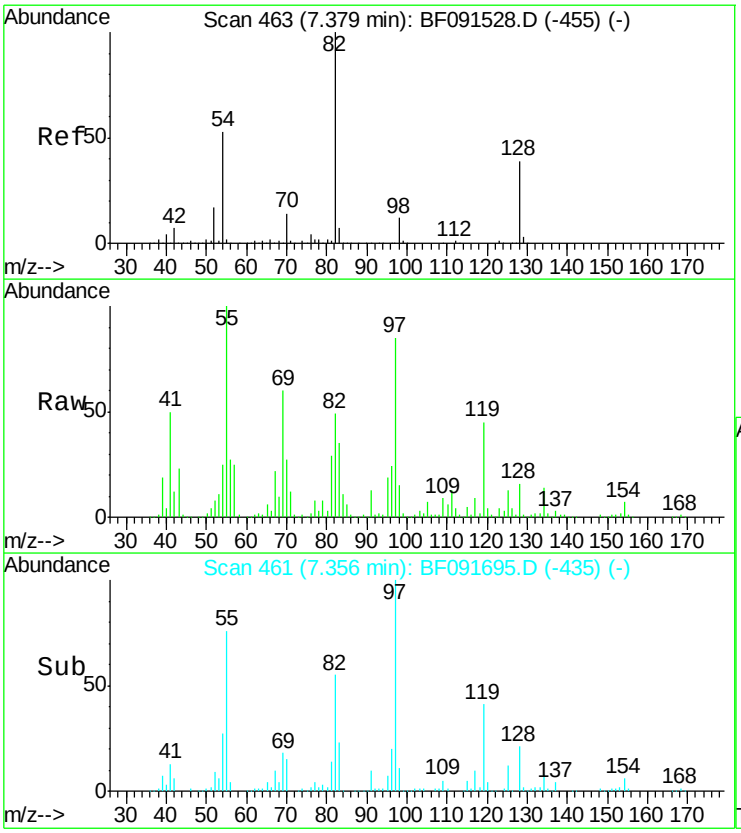
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.02 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

Tgt Ion:136 Resp: 459928

Ion	Ratio	Lower	Upper
136	100		
137	33.9	9.1	13.7#
54	67.6	9.1	13.7#
68	88.4	5.9	8.9#

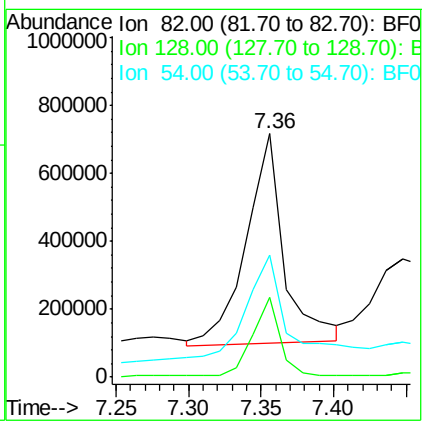


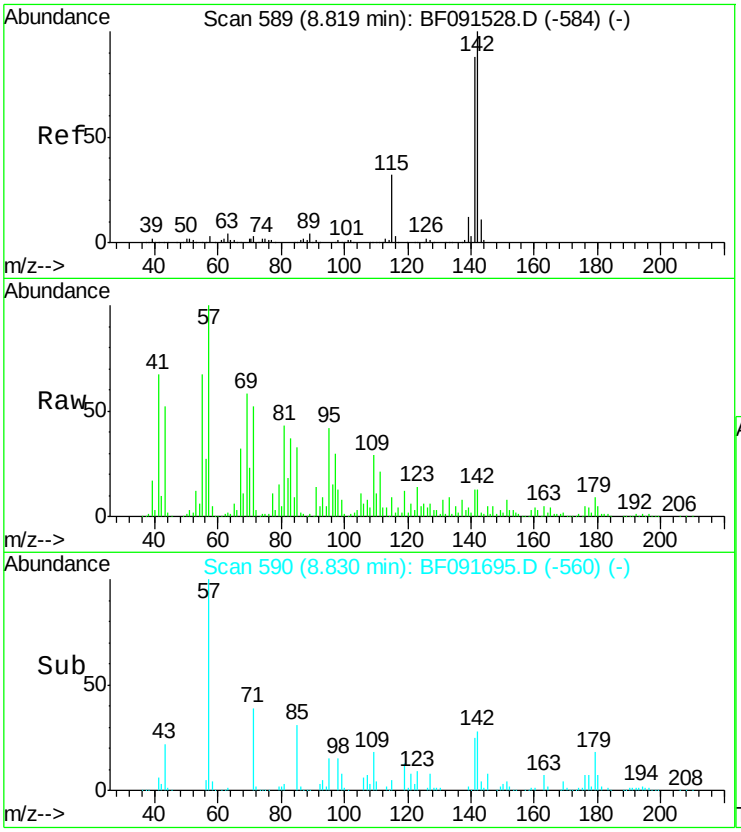


#23
Nitrobenzene-d5
Concen: 136.08 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Tgt Ion: 82 Resp: 1121353

Ion	Ratio	Lower	Upper
82	100		
128	32.8	31.8	47.6
54	49.9	49.1	73.7



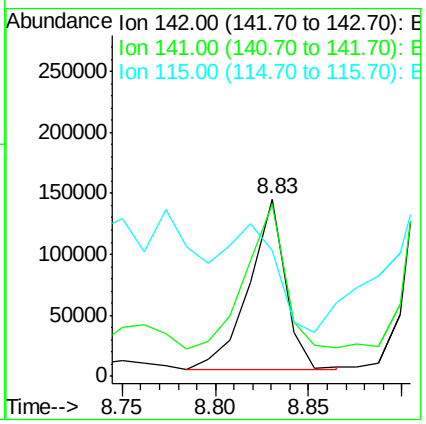


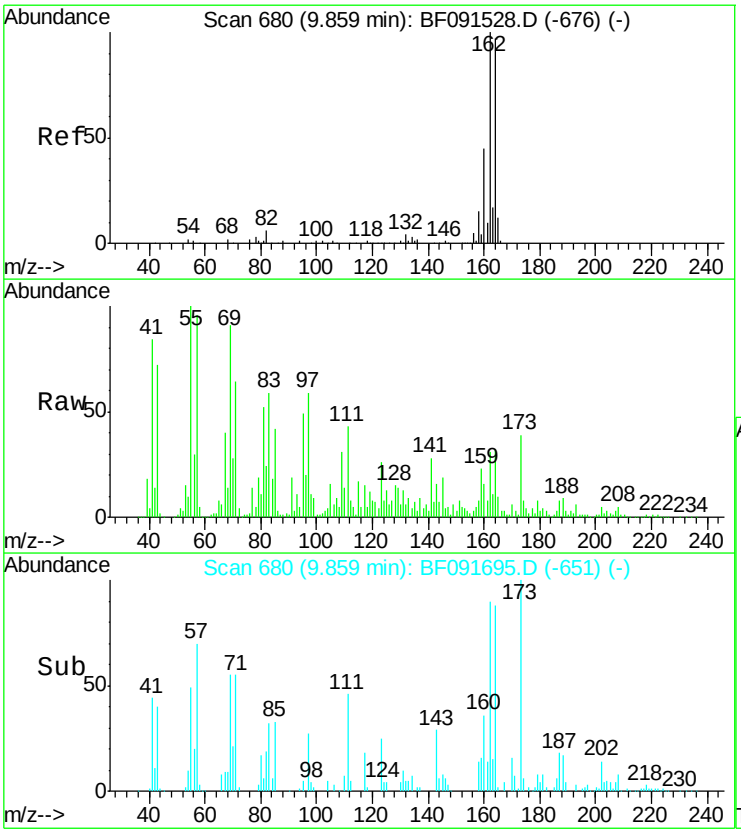
#37
2-Methylnaphthalene
Concen: 13.60 ng
RT: 8.83 min Scan# 590
Delta R.T. 0.05 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

Tgt Ion:142 Resp: 188425

Ion	Ratio	Lower	Upper
142	100		
141	96.5	71.7	107.5
115	71.0	25.0	37.6#

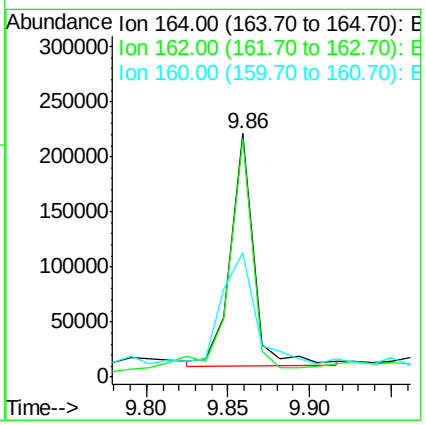


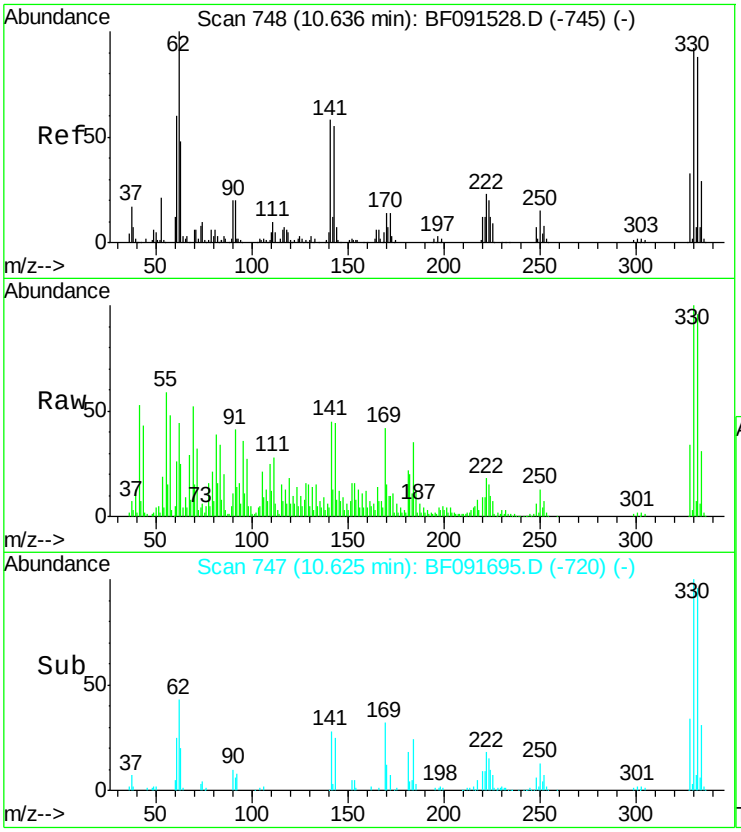


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.03 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Tgt Ion:164 Resp: 206234

Ion	Ratio	Lower	Upper
164	100		
162	97.7	82.6	124.0
160	51.1	36.7	55.1



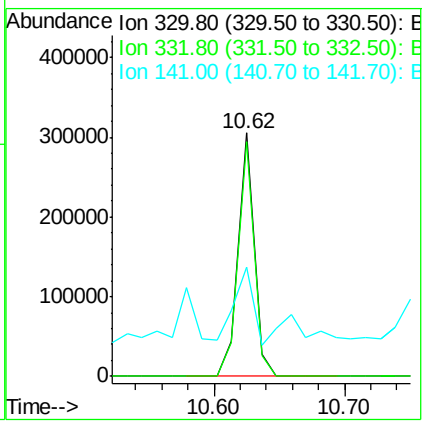


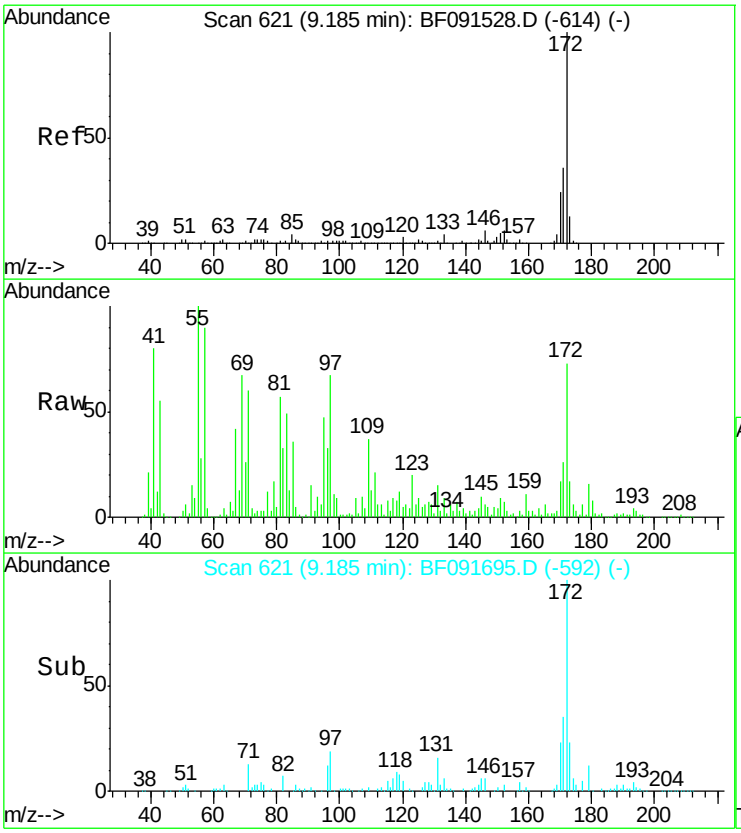
#41
2,4,6-Tribromophenol
Concen: 152.11 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

Tgt Ion:330 Resp: 260559

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.2	114.4
141	36.4	33.6	50.4

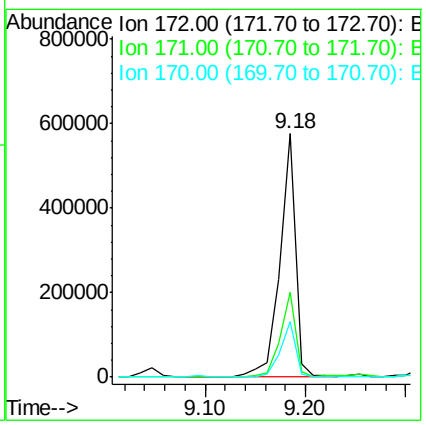


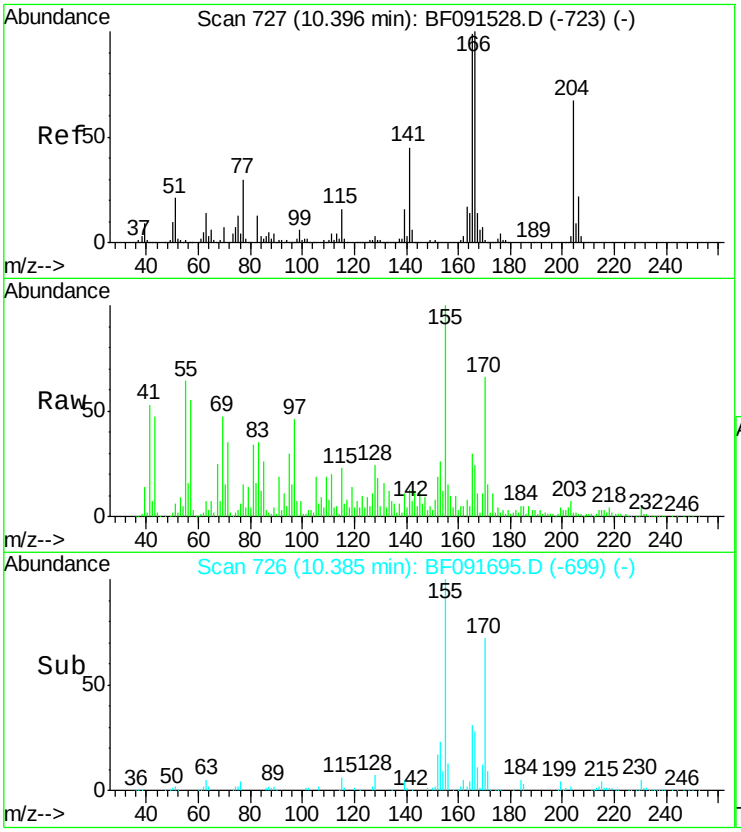


#44
2-Fluorobiphenyl
Concen: 52.34 ng
RT: 9.18 min Scan# 621
Delta R.T. 0.03 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Tgt Ion:172 Resp: 624683

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.0
170	23.0	19.7	29.5



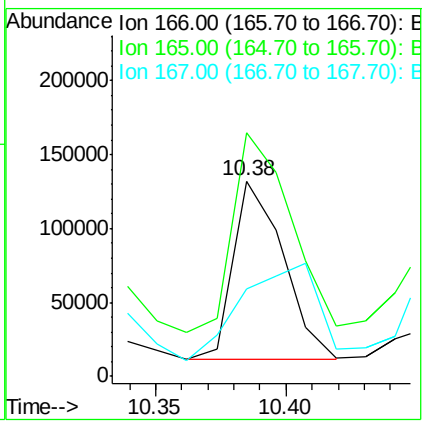


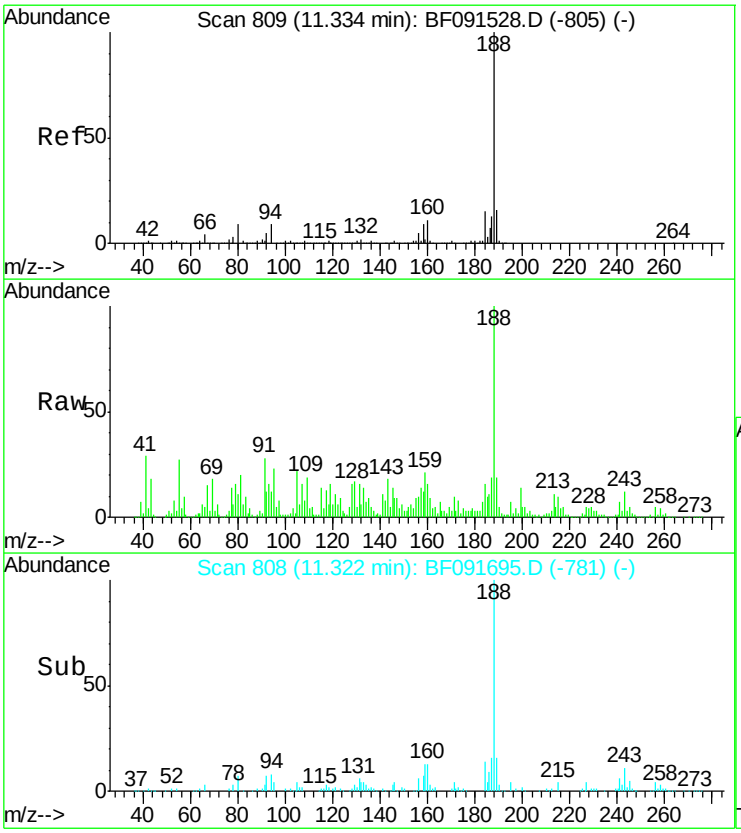
#57
Fluorene
Concen: 11.25 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

Tgt Ion:166 Resp: 162209

Ion	Ratio	Lower	Upper
166	100		
165	124.8	80.0	120.0#
167	44.8	10.8	16.2#

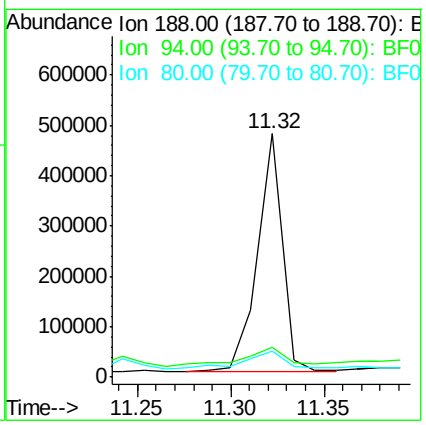


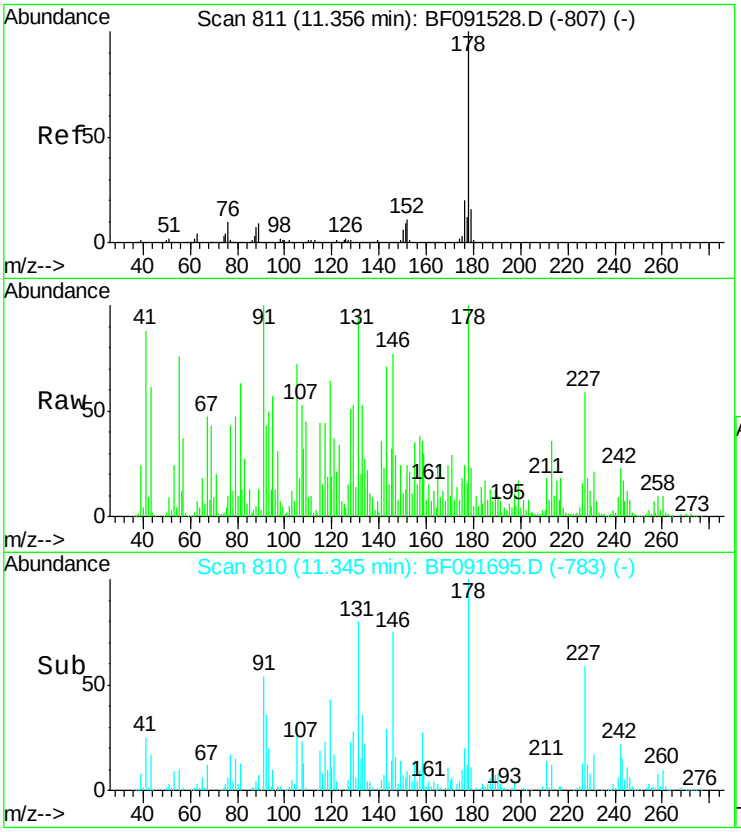


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Tgt Ion:188 Resp: 434861

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.2	13.8
80	10.9	10.5	15.7



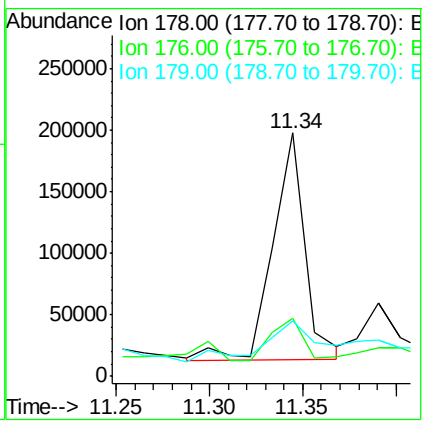


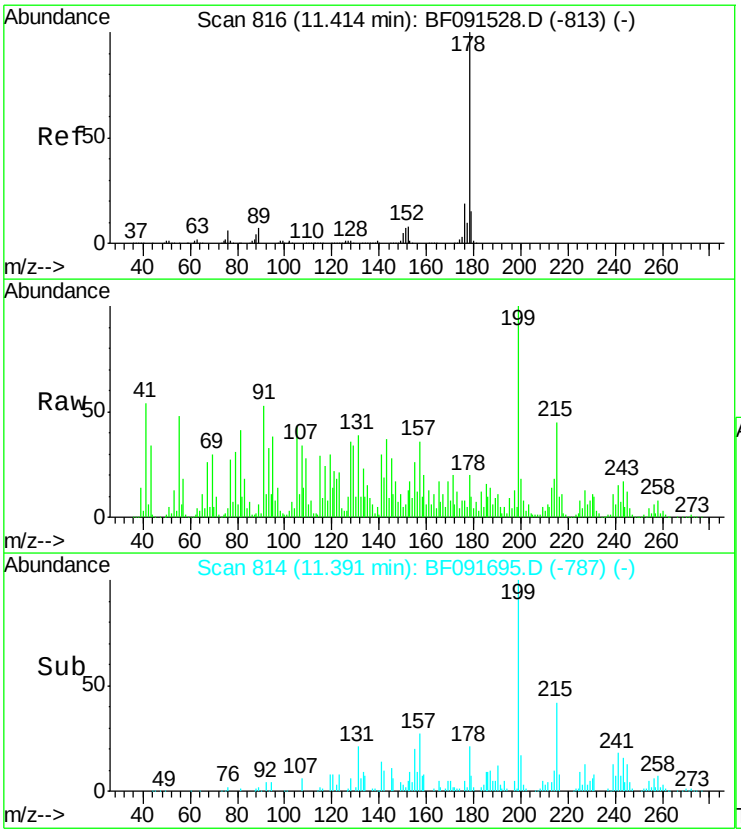
#70
Phenanthrene
Concen: 10.42 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

Tgt Ion:178 Resp: 224312

Ion	Ratio	Lower	Upper
178	100		
176	23.6	15.9	23.9
179	22.8	12.6	18.8#

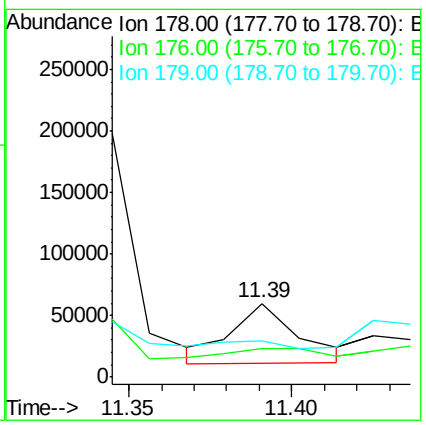


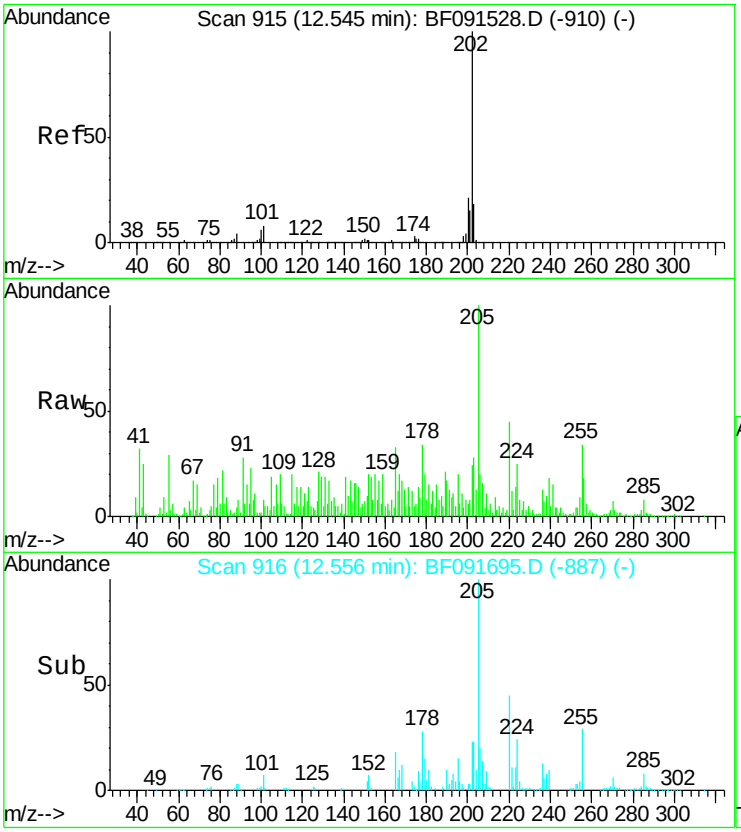


#71
Anthracene
Concen: 2.97 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Tgt Ion:178 Resp: 69032

Ion	Ratio	Lower	Upper
178	100		
176	39.5	15.8	23.6#
179	48.5	12.7	19.1#



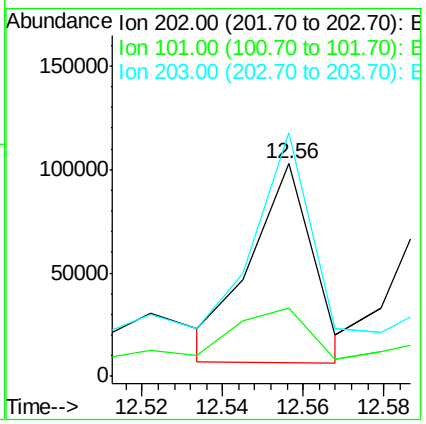


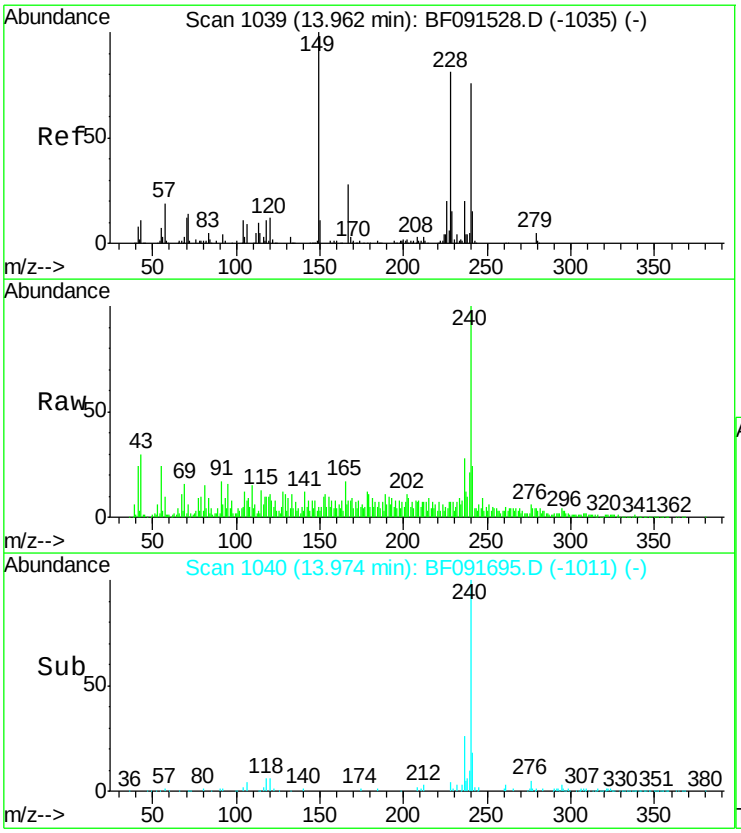
#74
Fluoranthene
Concen: 4.53 ng m
RT: 12.56 min Scan# 916
Delta R.T. 0.03 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

Tgt Ion:202 Resp: 102200

Ion	Ratio	Lower	Upper
202	100		
101	32.2	0.0	29.5#
203	114.5	0.0	37.8#

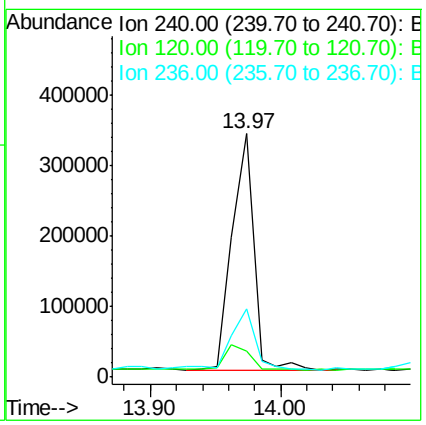


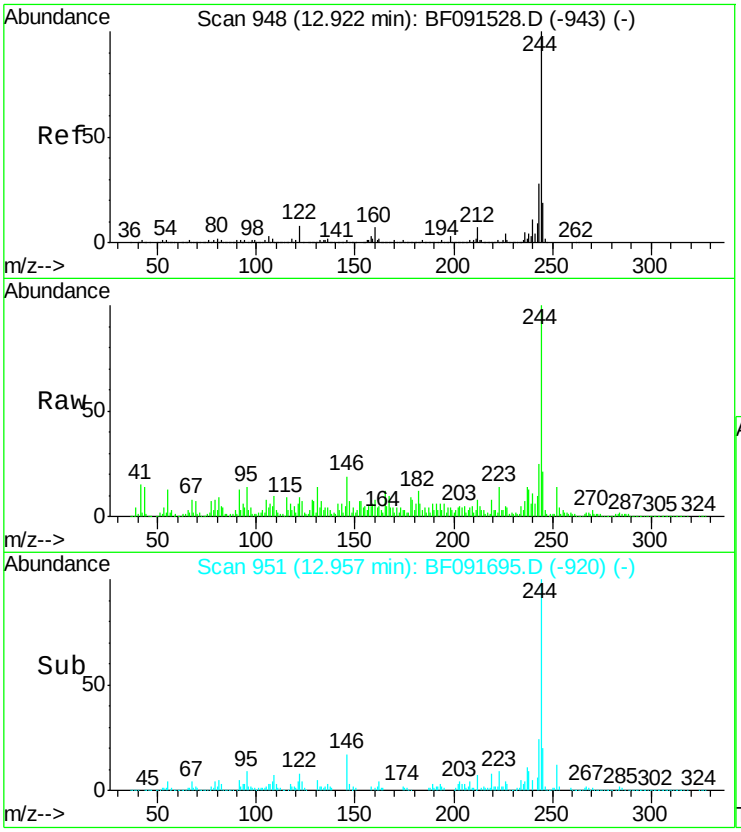


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. 0.03 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Tgt Ion:240 Resp: 385626

Ion	Ratio	Lower	Upper
240	100		
120	10.6	12.1	18.1#
236	28.1	21.0	31.6



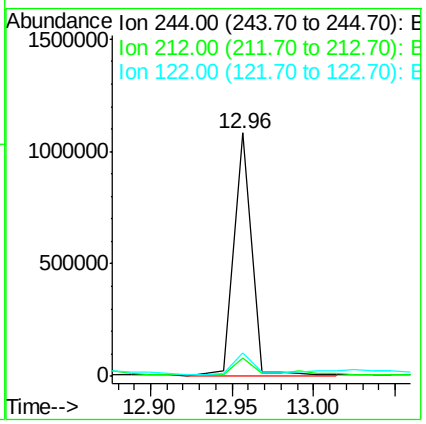


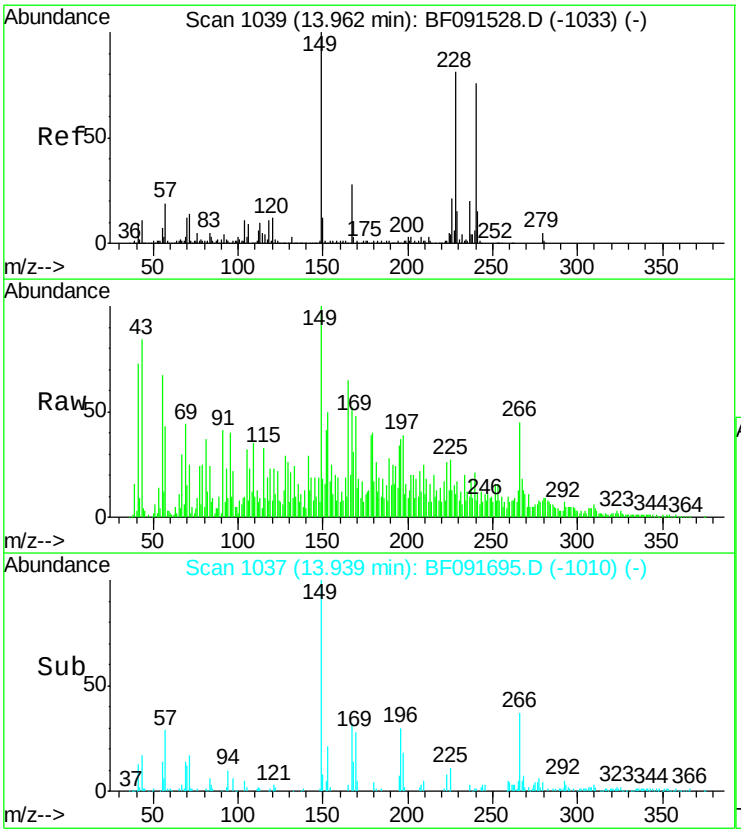
#78
Terphenyl-d14
Concen: 46.55 ng
RT: 12.96 min Scan# 951
Delta R.T. 0.06 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

Tgt Ion:244 Resp: 791000

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	9.4	9.5	14.3#

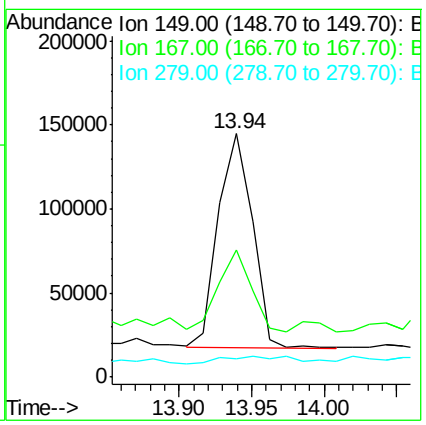


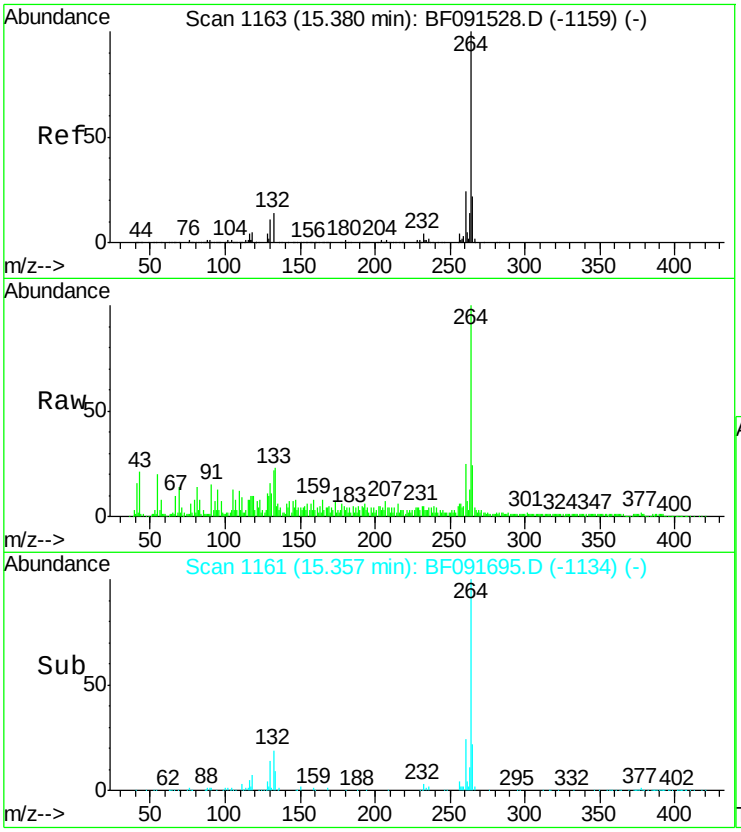


#83
Bis(2-ethylhexyl)phthalate
Concen: 13.65 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Tgt Ion:149 Resp: 208836

Ion	Ratio	Lower	Upper
149	100		
167	52.1	19.6	29.4#
279	7.5	1.9	2.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

Tgt Ion:264 Resp: 323568

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.8	28.2
265	24.3	17.0	25.6