Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092180.D
Acq On : 10 Jan 2017 14:27
Operator : UM/SJ
Sample : I1045-05RE 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAP-SP3RE

Quant Time: Jan 10 15:42:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	163807	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	668503	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	302901	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	445882	20.00	ng		0.00
75) Chrysene-d12	13.80	240	243921	20.00	ng		0.01
86) Perylene-d12	15.18	264	196159	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	337056	34.36	ng		0.00
7) Phenol-d6	6.30	99	433964	36.23	ng		-0.01
23) Nitrobenzene-d5	7.20	82	240374	19.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.46	330	59707	23.82	ng		-0.01
44) 2-Fluorobiphenyl	9.00	172	426567	18.81	ng		-0.01
78) Terphenyl-d14	12.73	244	327033	32.52	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.31	94	29449	2.16	ng		95
31) Naphthalene	7.94	128	71091	2.32	ng		96
37) 2-Methylnaphthalene	8.63	142	70529	2.51	ng		99
51) Acenaphthene	9.70	154	52287	3.05	ng		99
57) Fluorene	10.22	166	45825	2.72	ng		97
70) Phenanthrene	11.18	178	206182	8.53	ng		97
74) Fluoranthene	12.37	202	217438	7.02	ng		93
77) Pyrene	12.59	202	181306	10.13	ng		96
80) Benzo(a)anthracene	13.79	228	67851	4.93	ng	#	82
82) Chrysene	13.82	228	80872	5.86	ng	#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092180.D
Acq On : 10 Jan 2017 14:27
Operator : UM/SJ
Sample : I1045-05RE 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP3RE

Quant Time: Jan 10 15:42:59 2017
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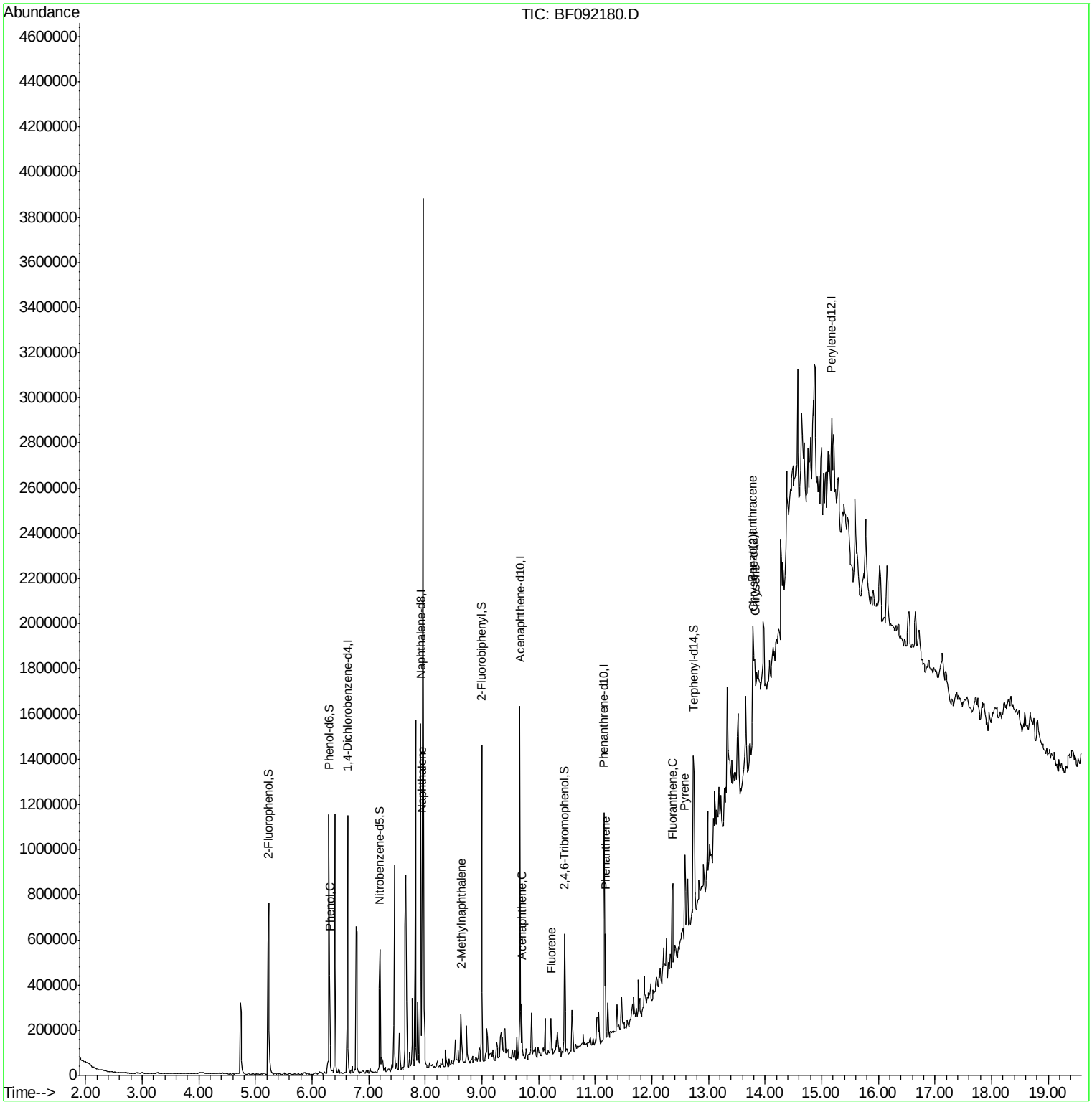
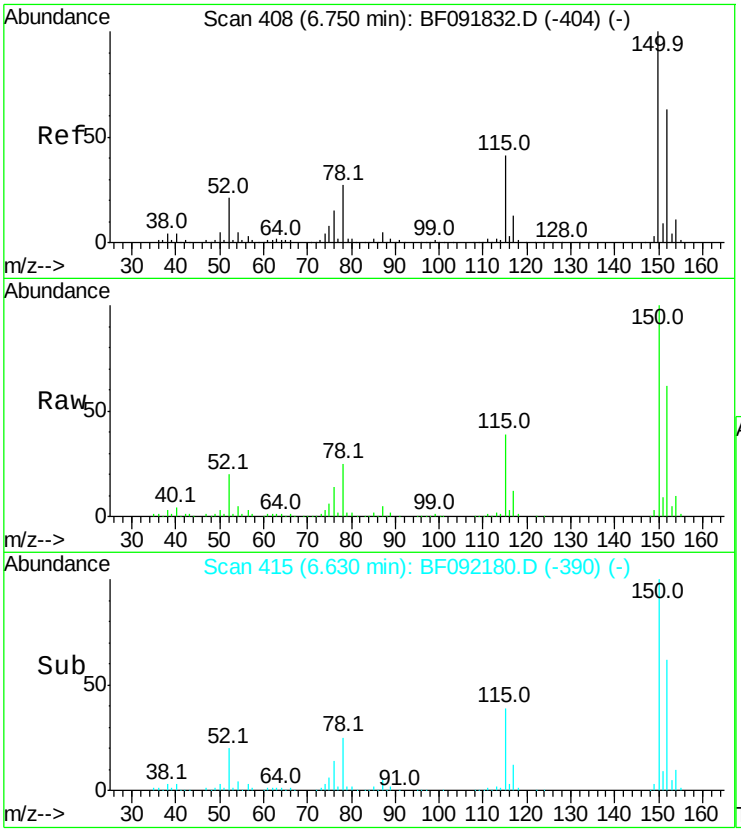


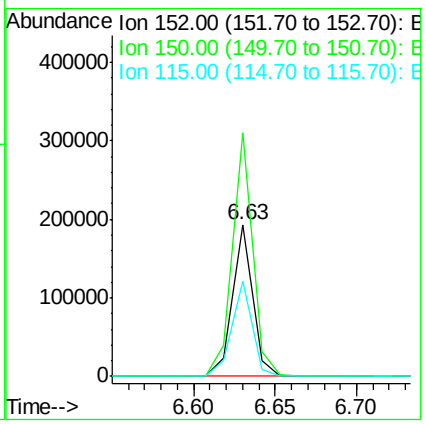


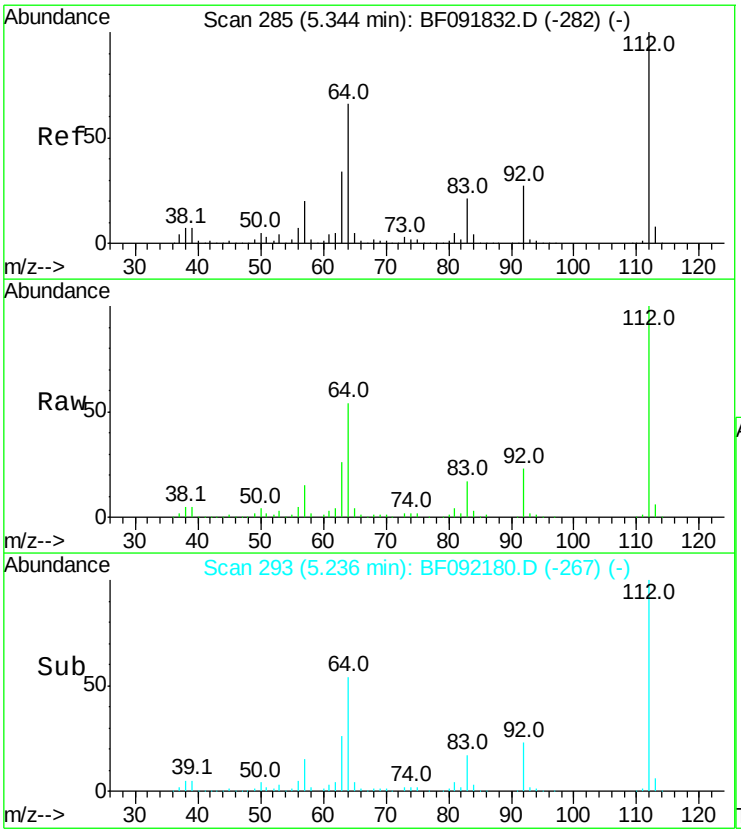
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Instrument :
BNA_F
ClientSampleId :
RAP-SP3RE

Tgt Ion:152 Resp: 163807

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.9	187.3
115	62.6	46.0	69.0

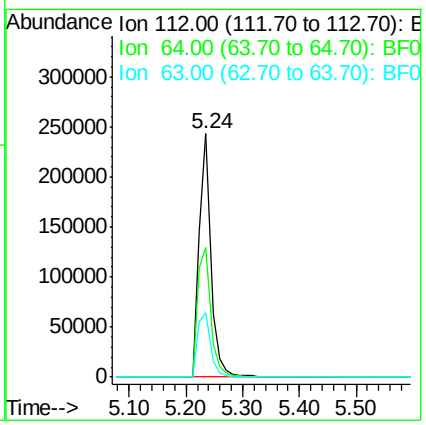


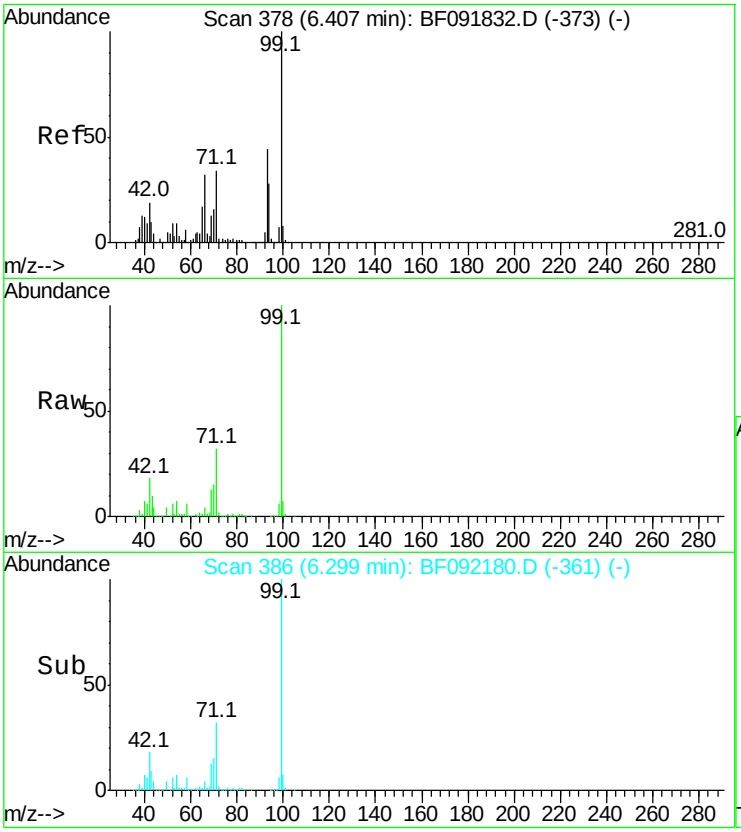


#5
2-Fluorophenol
Concen: 34.36 ng
RT: 5.24 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Tgt Ion:112 Resp: 337056

Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.1	69.1
63	26.2	23.8	35.6



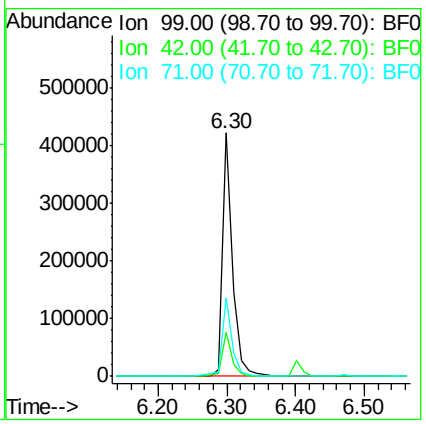


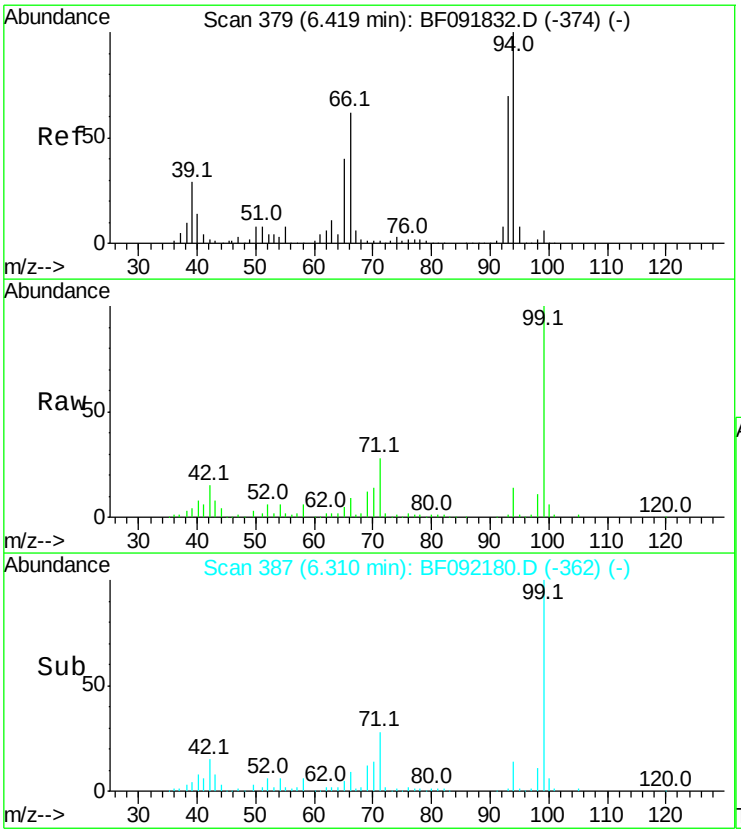
#7
Phenol-d6
Concen: 36.23 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Instrument :
BNA_F
ClientSampleId :
RAP-SP3RE

Tgt Ion: 99 Resp: 433964

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.6	23.4
71	32.2	27.5	41.3

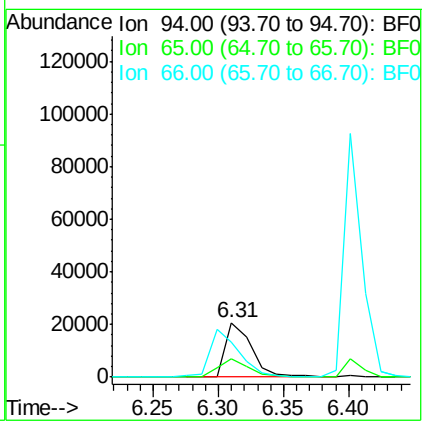


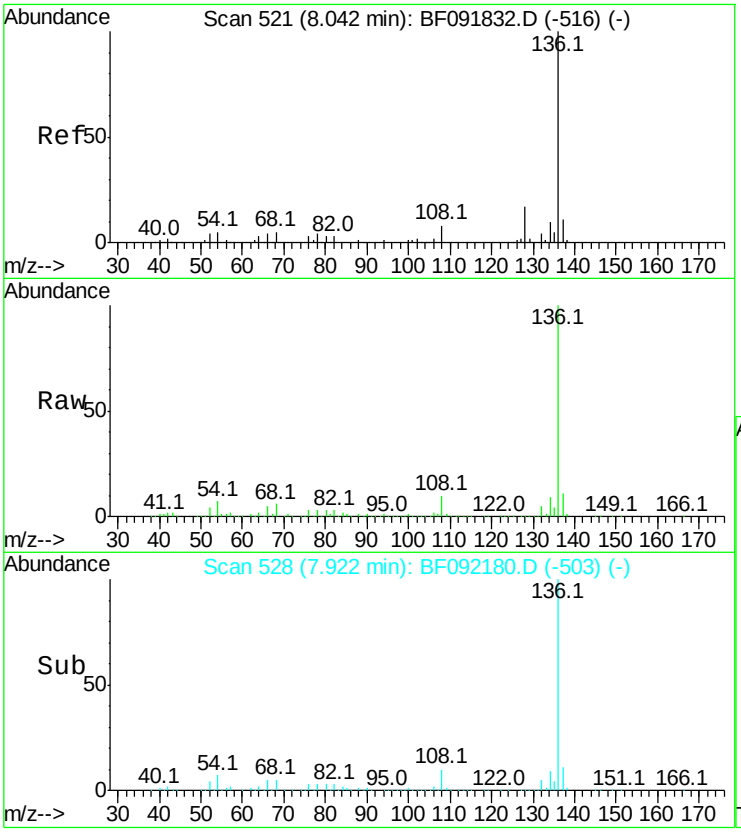


#10
Phenol
Concen: 2.16 ng
RT: 6.31 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Tgt Ion: 94 Resp: 29449

Ion	Ratio	Lower	Upper
94	100		
65	34.2	21.4	61.4
66	65.0	44.0	84.0



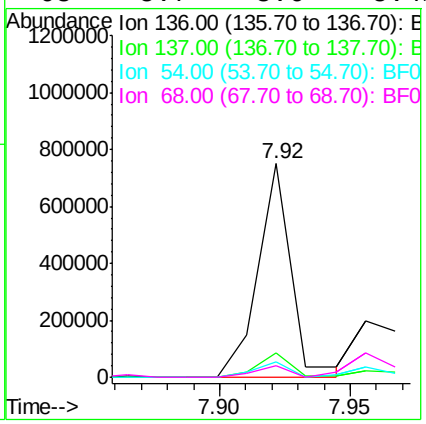


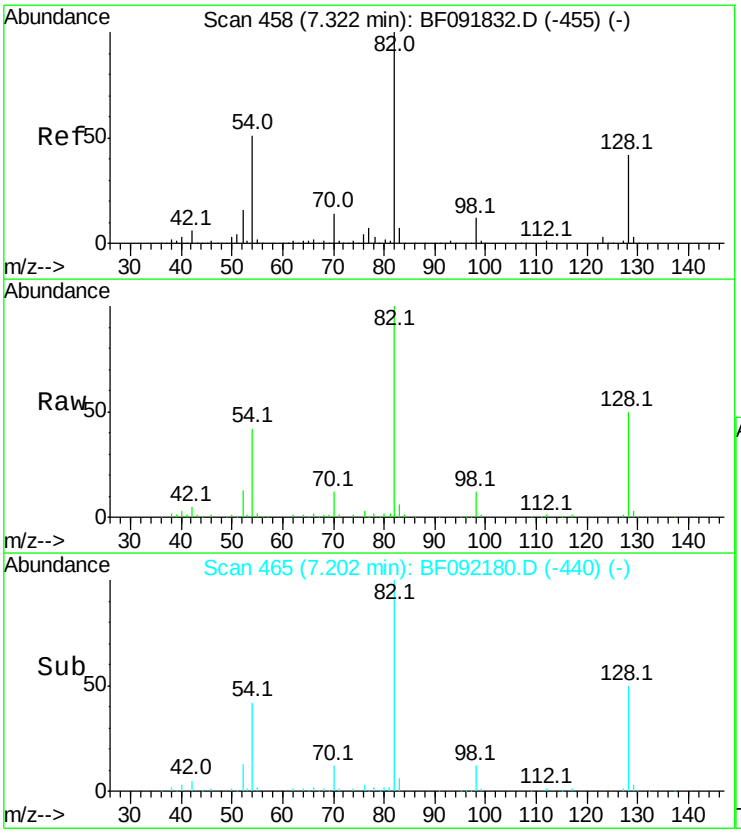
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Instrument :
BNA_F
ClientSampleId :
RAP-SP3RE

Tgt Ion:136 Resp: 668503

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.0	4.5	6.7#
68	5.7	3.6	5.4#

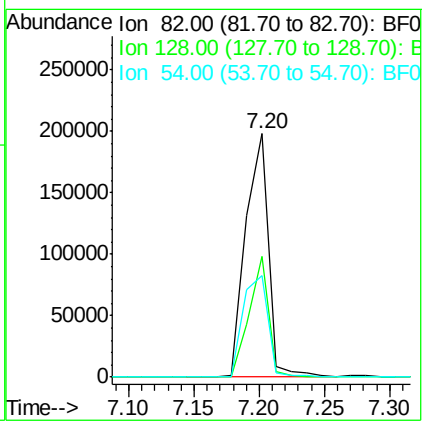


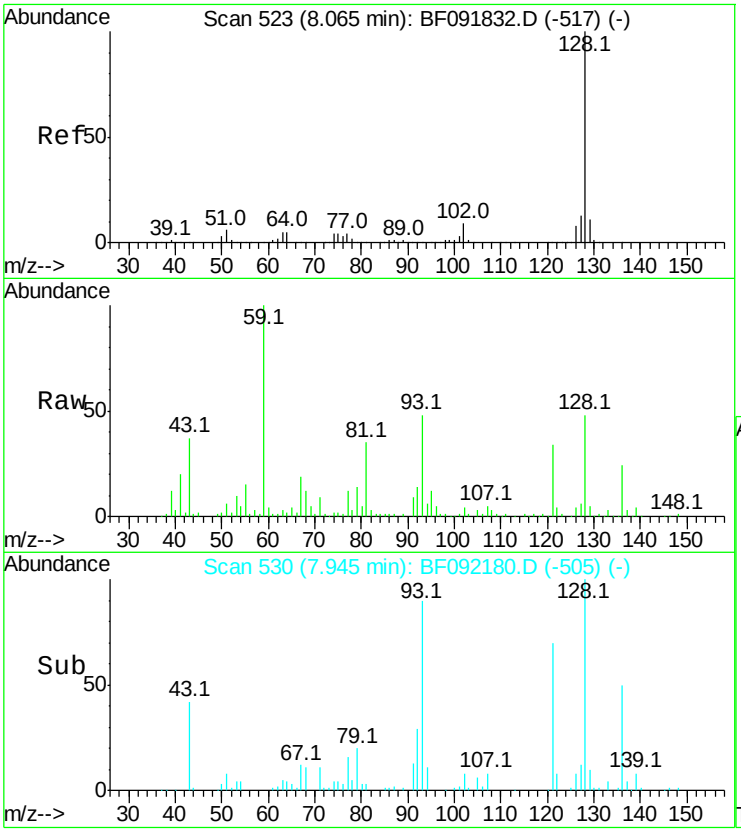


#23
Nitrobenzene-d5
Concen: 19.99 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Tgt Ion: 82 Resp: 240374

Ion	Ratio	Lower	Upper
82	100		
128	49.8	34.6	52.0
54	41.6	39.5	59.3



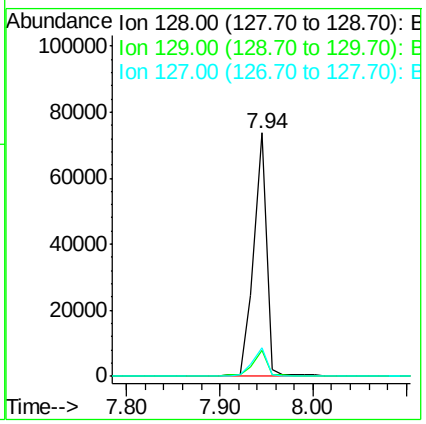


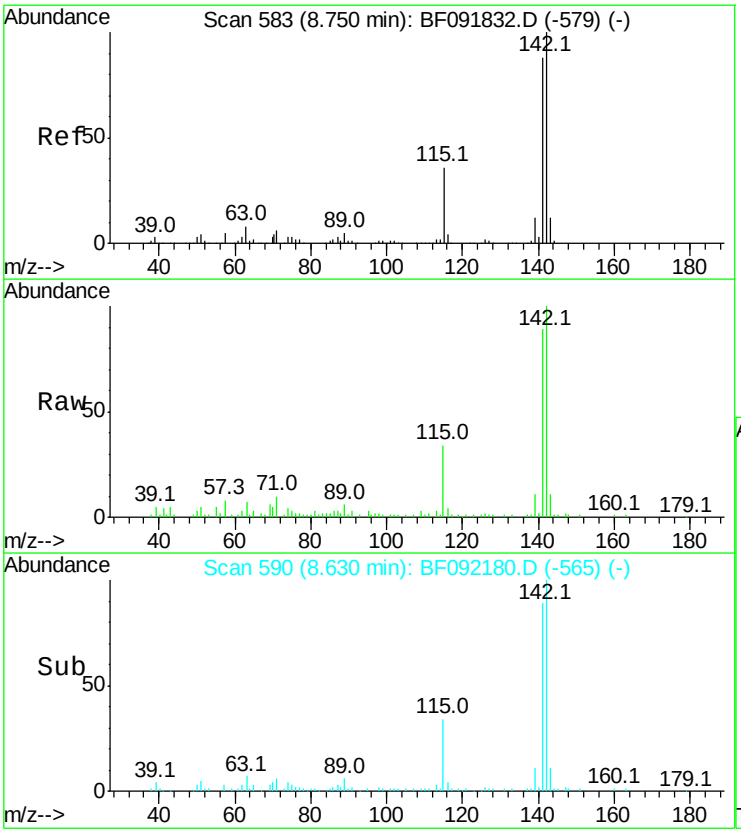
#31
Naphthalene
Concen: 2.32 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Instrument :
BNA_F
ClientSampleId :
RAP-SP3RE

Tgt Ion:128 Resp: 71091

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.5	14.3
127	11.9	10.8	16.2

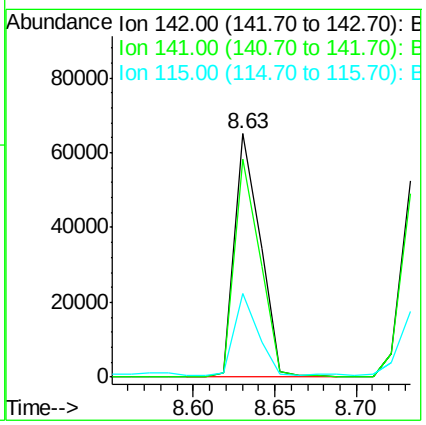


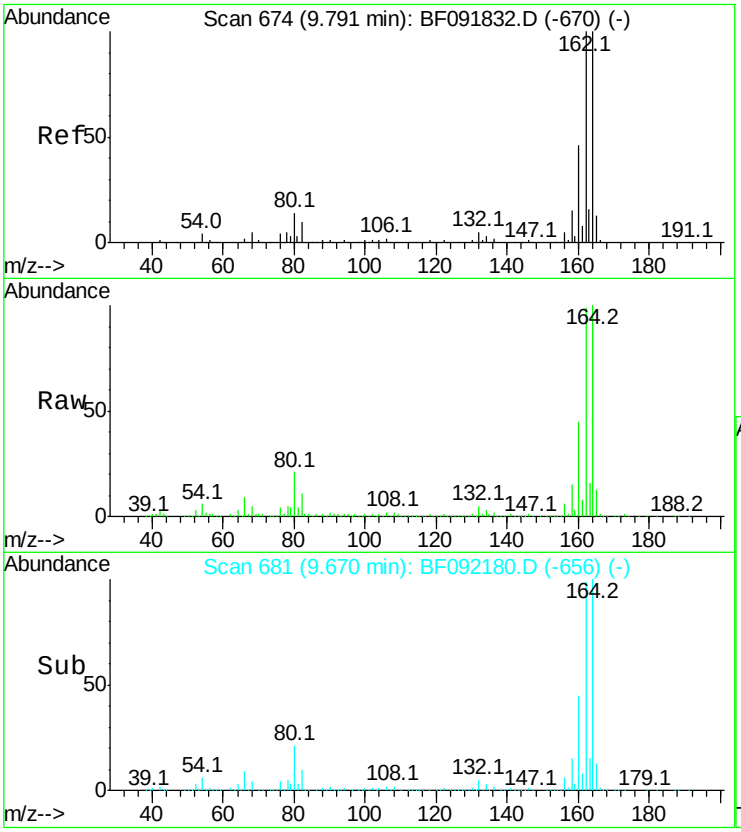


#37
2-Methylnaphthalene
Concen: 2.51 ng
RT: 8.63 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Tgt Ion:142 Resp: 70529

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	34.1	28.3	42.5



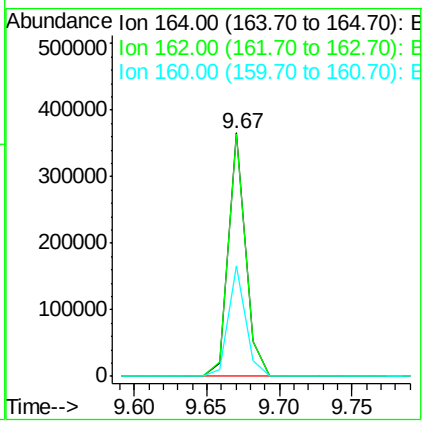


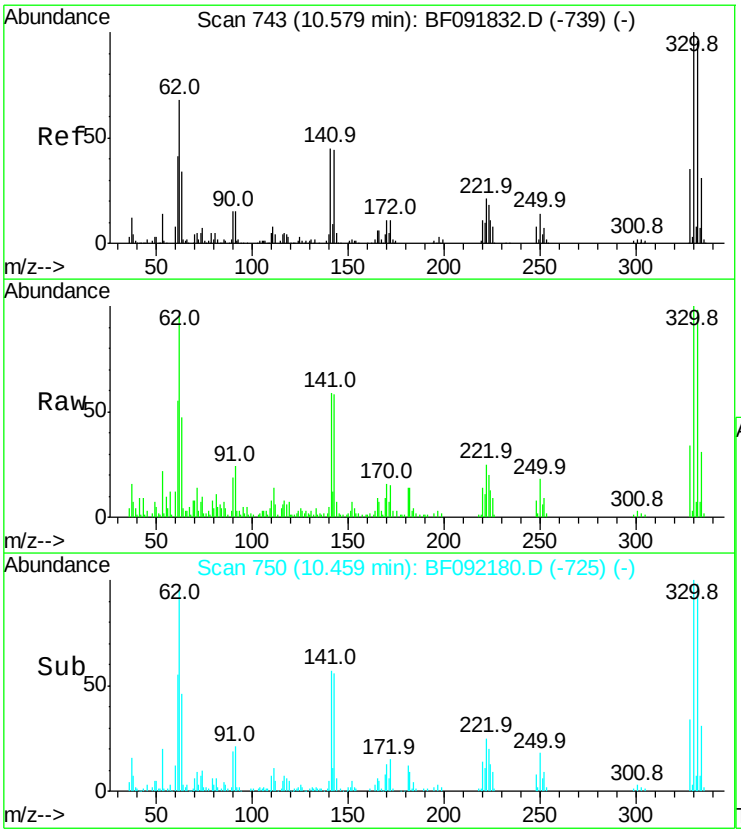
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Instrument :
BNA_F
ClientSampleId :
RAP-SP3RE

Tgt Ion:164 Resp: 302901

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.2	120.2
160	45.1	36.9	55.3

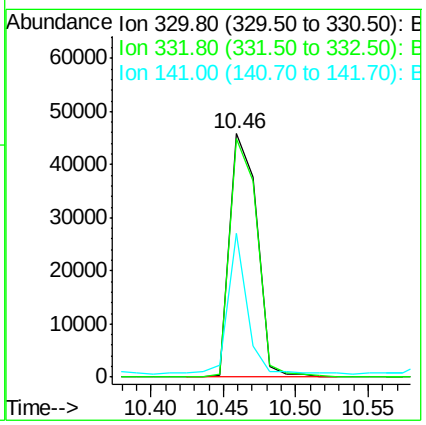


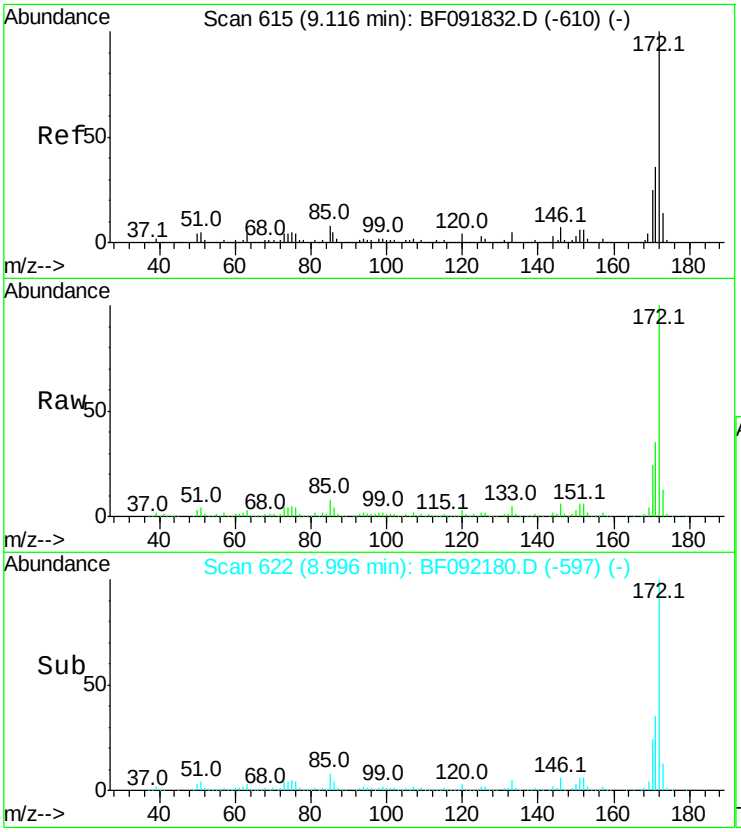


#41
2,4,6-Tribromophenol
Concen: 23.82 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Tgt Ion:330 Resp: 59707

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.4	116.2
141	40.7	34.1	51.1



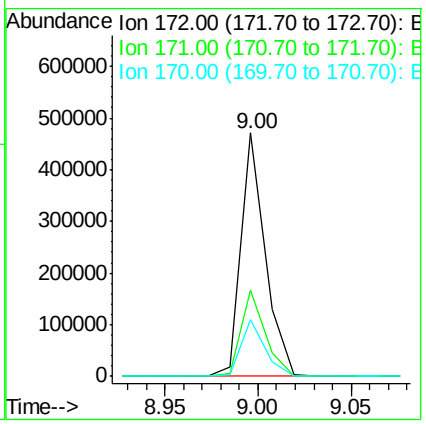


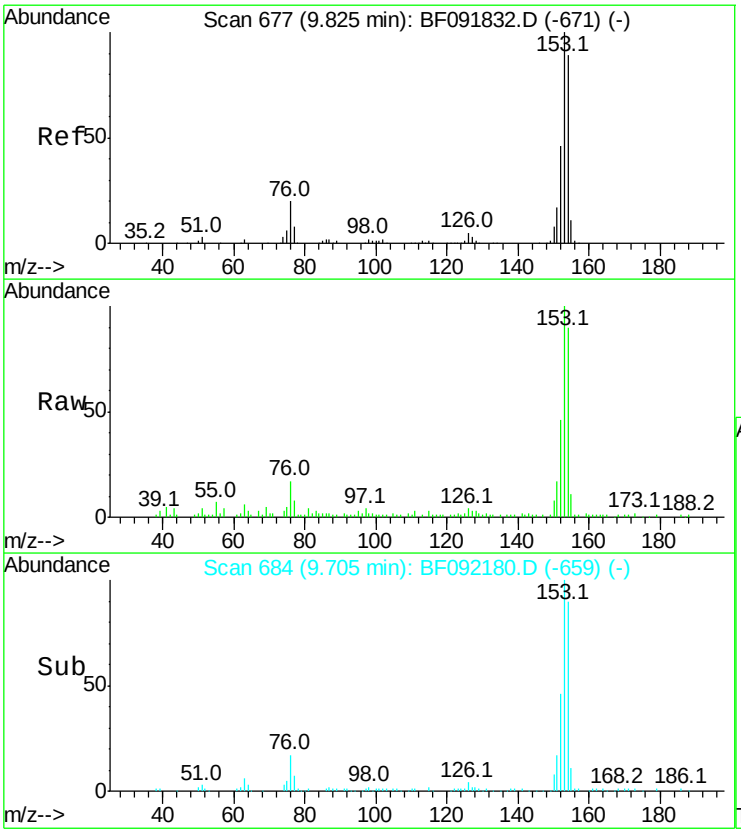
#44
2-Fluorobiphenyl
Concen: 18.81 ng
RT: 9.00 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Instrument :
BNA_F
ClientSampleId :
RAP-SP3RE

Tgt Ion:172 Resp: 426567

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	23.6	20.2	30.4

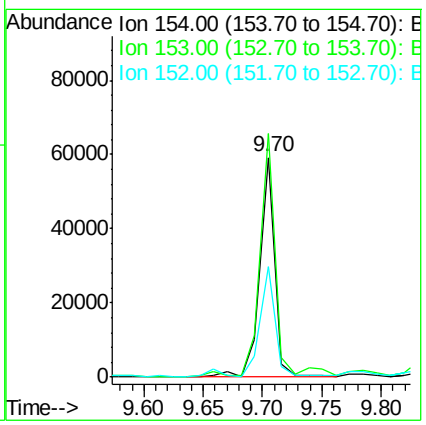


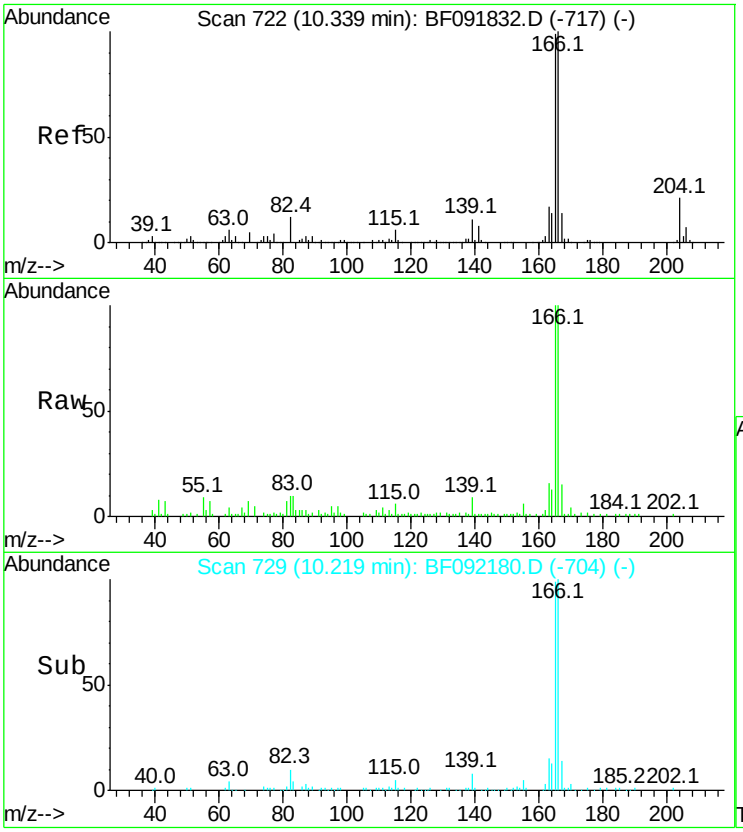


#51
Acenaphthene
Concen: 3.05 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Tgt Ion:154 Resp: 52287

Ion	Ratio	Lower	Upper
154	100		
153	110.9	88.6	133.0
152	50.6	41.6	62.4



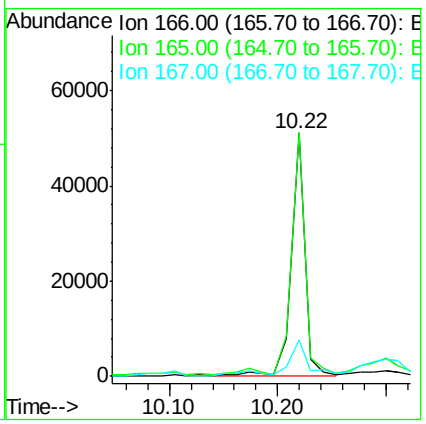


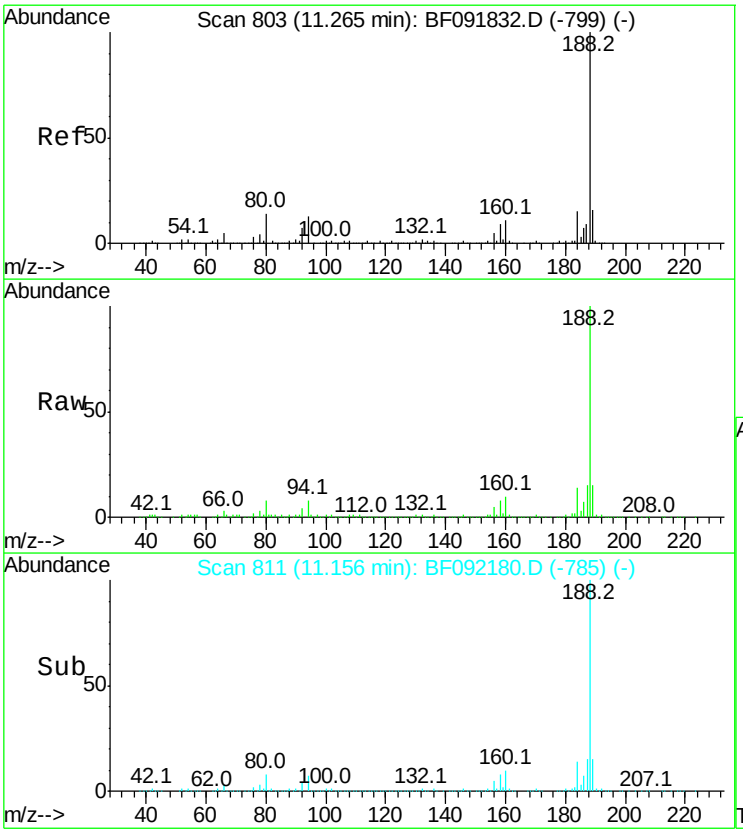
#57
Fluorene
Concen: 2.72 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Instrument :
BNA_F
ClientSampleId :
RAP-SP3RE

Tgt Ion:166 Resp: 45825

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.8
167	14.8	10.8	16.2

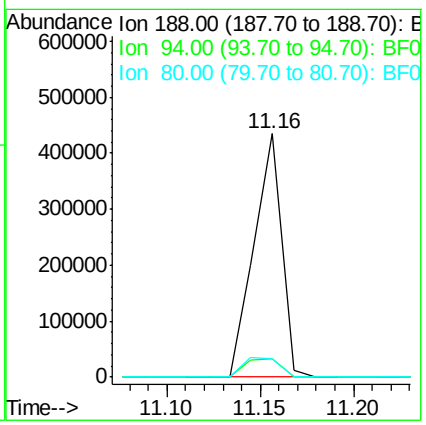


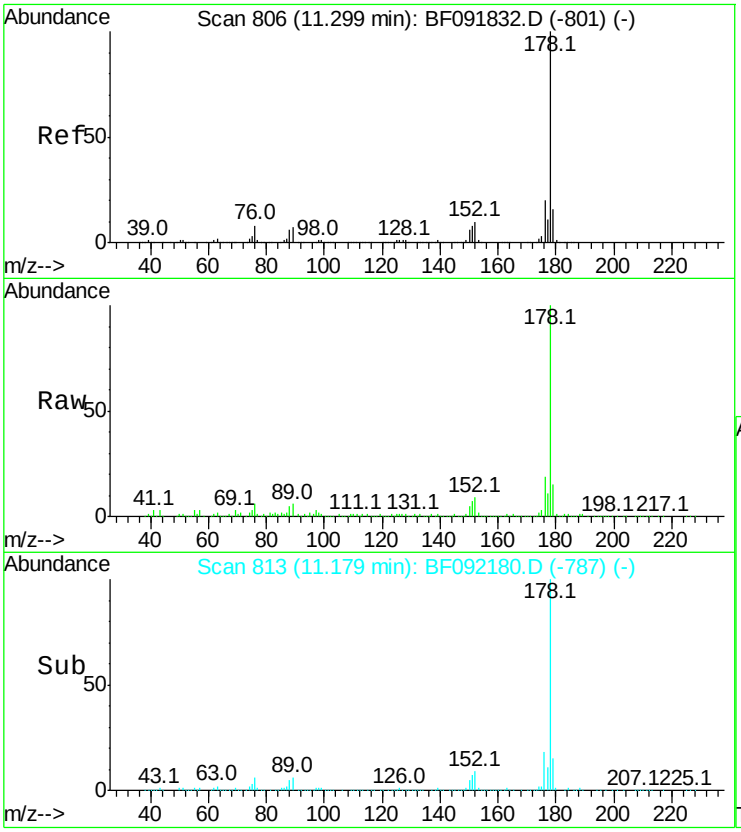


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Tgt Ion:188 Resp: 445882

Ion	Ratio	Lower	Upper
188	100		
94	7.5	10.0	15.0#
80	7.8	11.2	16.8#



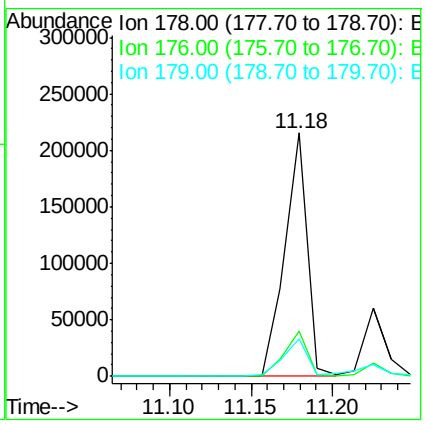


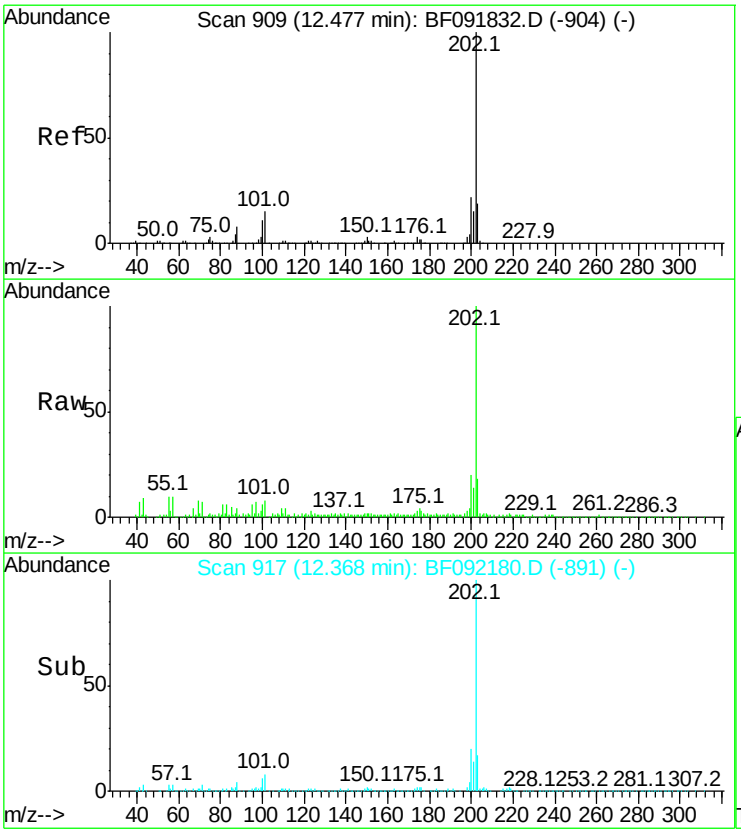
#70
Phenanthrene
Concen: 8.53 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Instrument :
BNA_F
ClientSampleId :
RAP-SP3RE

Tgt Ion:178 Resp: 206182

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.6	25.0
179	15.3	12.8	19.2

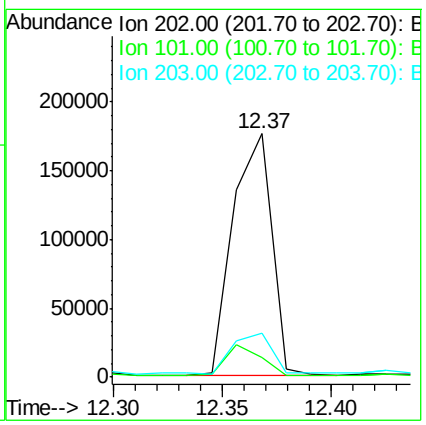


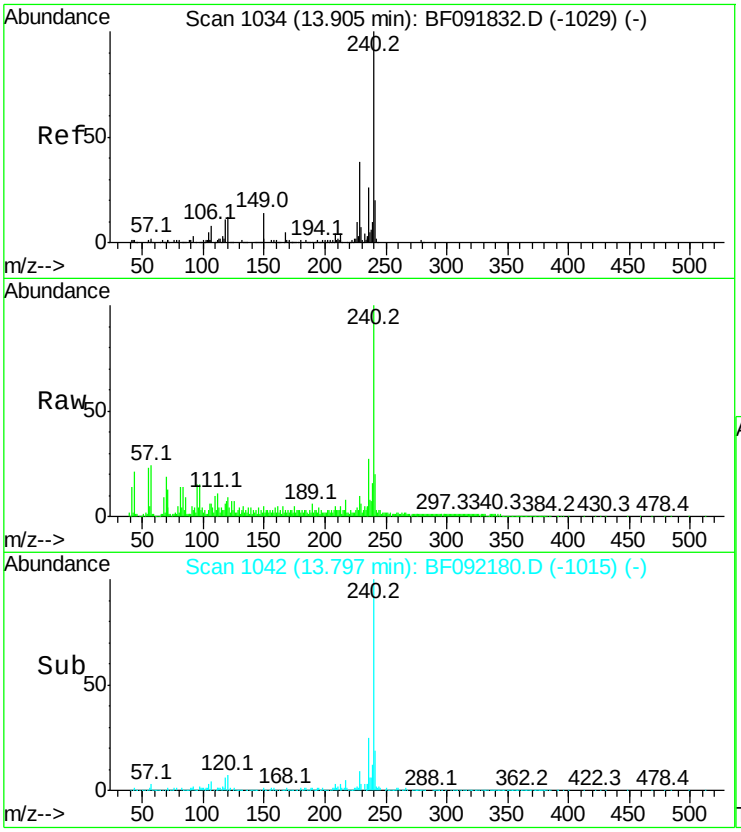


#74
Fluoranthene
Concen: 7.02 ng
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Tgt Ion:202 Resp: 217438

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	34.6
203	18.3	0.0	38.7



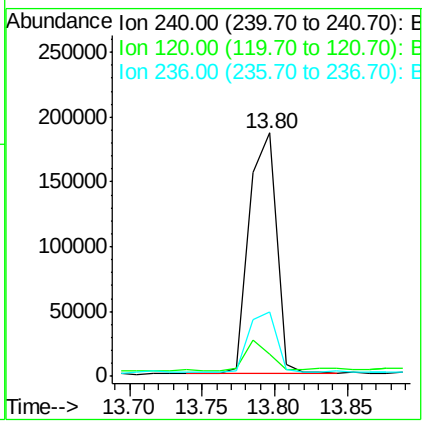


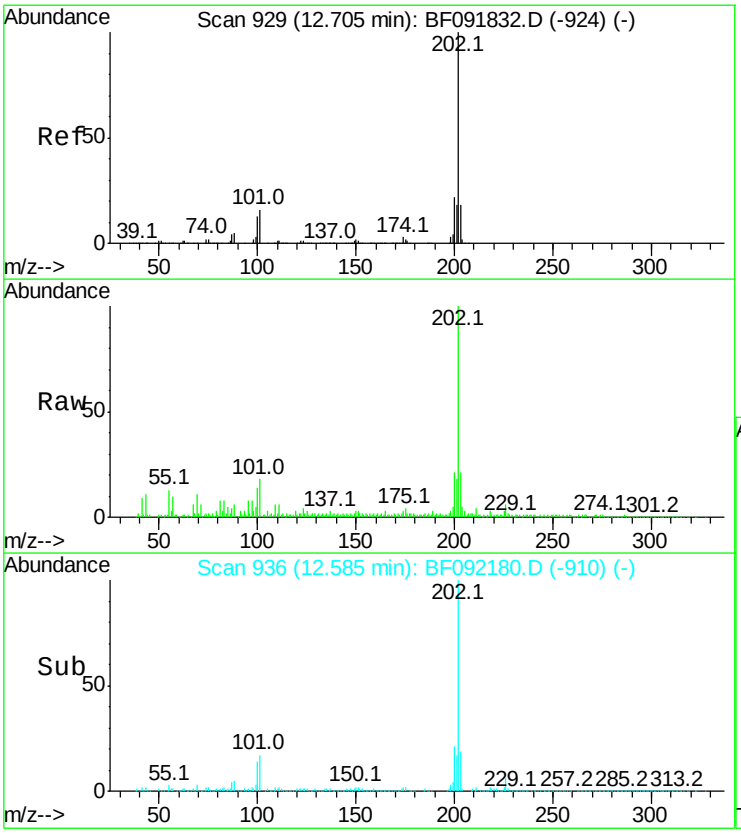
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Instrument :
BNA_F
ClientSampleId :
RAP-SP3RE

Tgt Ion:240 Resp: 243921

Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.9	19.3#
236	26.5	20.9	31.3

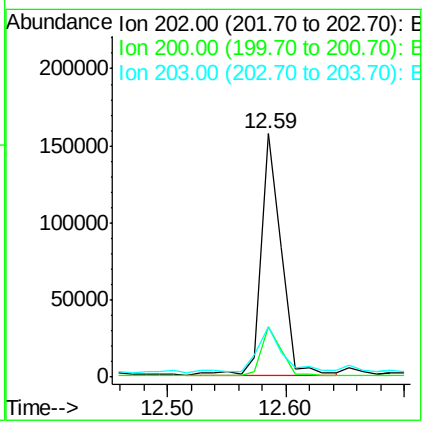


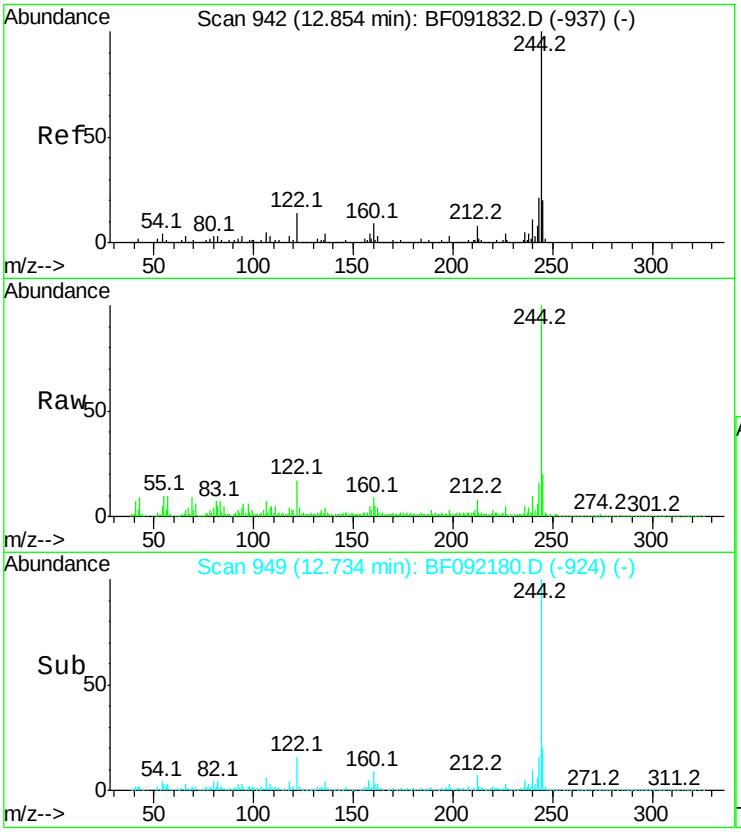


#77
Pyrene
Concen: 10.13 ng
RT: 12.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Tgt Ion:202 Resp: 181306

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	20.7	14.7	22.1



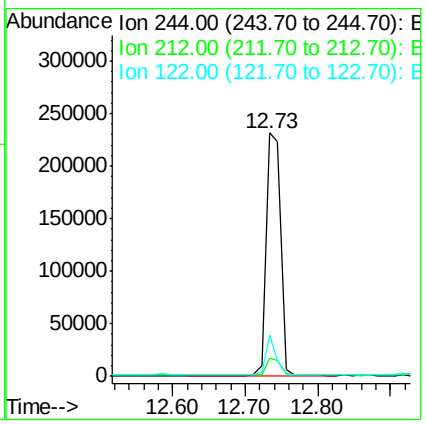


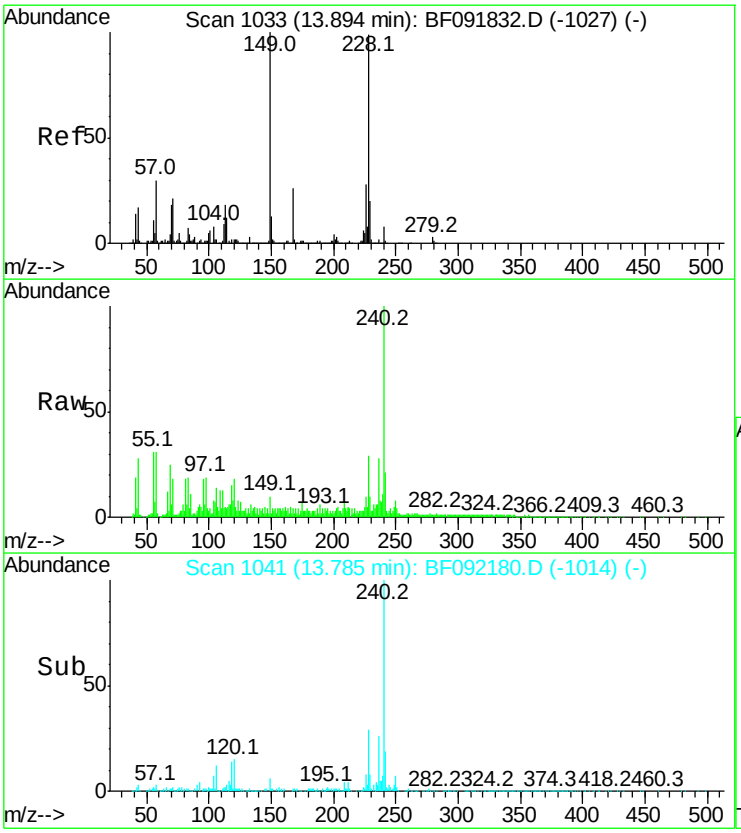
#78
Terphenyl-d14
Concen: 32.52 ng
RT: 12.73 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Instrument :
BNA_F
ClientSampleId :
RAP-SP3RE

Tgt Ion:244 Resp: 327033

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	16.9	11.4	17.2

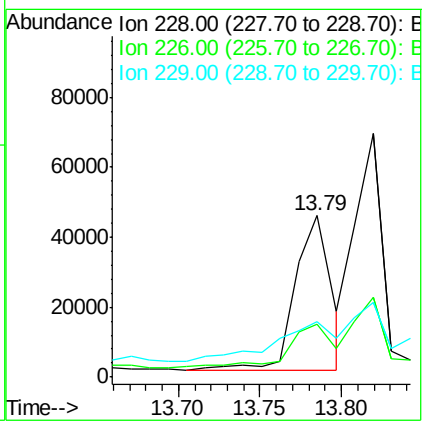


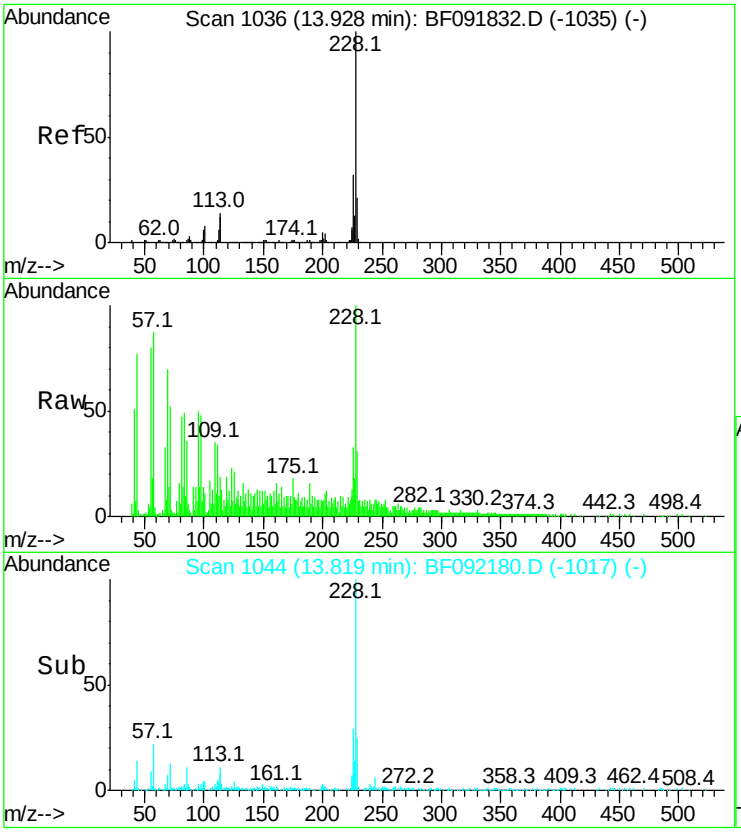


#80
Benzo(a)anthracene
Concen: 4.93 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Tgt Ion:228 Resp: 67851

Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.4	33.6
229	34.0	16.2	24.4#



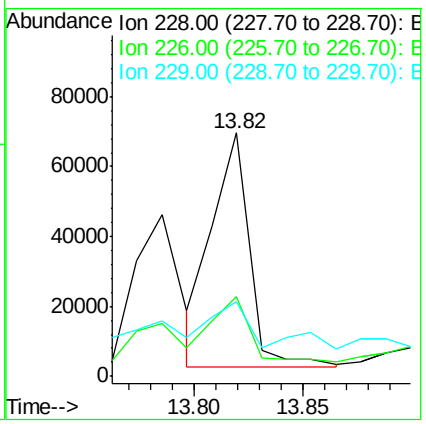


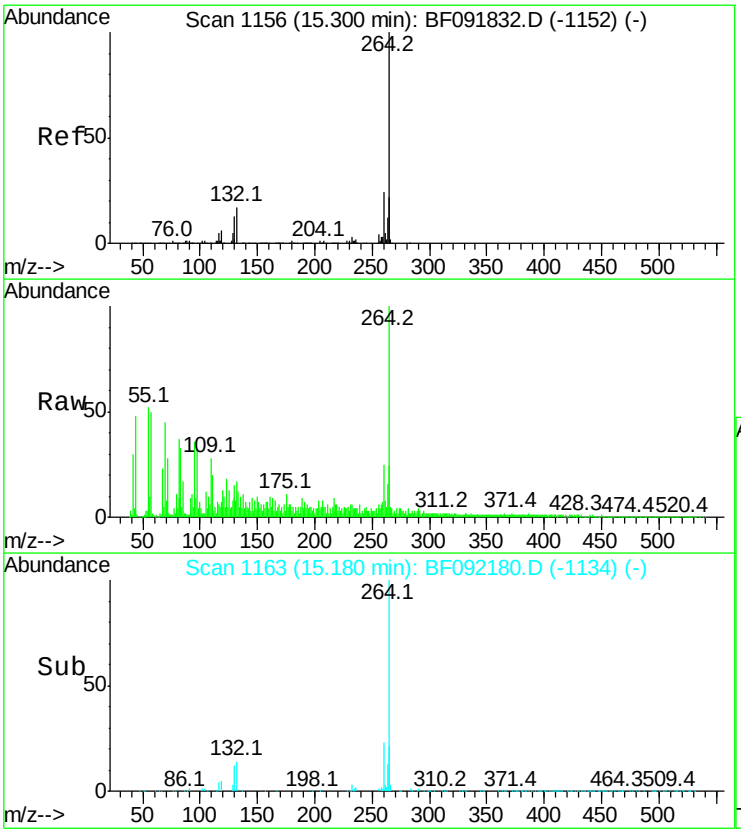
#82
Chrysene
Concen: 5.86 ng
RT: 13.82 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Instrument :
BNA_F
ClientSampleId :
RAP-SP3RE

Tgt Ion:228 Resp: 80872

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.4	38.0
229	30.8	16.2	24.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. 0.03 min
Lab File: BF092180.D
Acq: 10 Jan 2017 14:27

Tgt Ion:264 Resp: 196159

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	24.4	17.4	26.0