Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088482.D
Acq On : 28 Jun 2016 7:31
Operator : UM/SJ
Sample : H3602-07DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B4(0-2)CDL

Quant Time: Jun 28 08:00:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 28 05:25:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	77000	20.00	ng		-0.01
21) Naphthalene-d8	7.83	136	311285	20.00	ng		-0.01
38) Acenaphthene-d10	9.58	164	128821	20.00	ng		-0.01
63) Phenanthrene-d10	11.05	188	192510	20.00	ng		-0.01
75) Chrysene-d12	13.68	240	168638	20.00	ng		-0.01
86) Perylene-d12	15.04	264	161772	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	55910	12.41	ng		0.00
7) Phenol-d6	6.22	99	75745	13.88	ng		-0.01
23) Nitrobenzene-d5	7.12	82	45376	8.51	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	9962	7.32	ng		-0.01
44) 2-Fluorobiphenyl	8.90	172	72646	3.55	ng		-0.02
78) Terphenyl-d14	12.63	244	45523	6.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	74043	33.83	ng	#	87
25) Isophorone	7.12	82	47474	4.81	ng	#	65
37) 2-Methylnaphthalene	8.64	142	67474	6.65	ng		96
45) 1,1'-Biphenyl	9.00	154	48417	Below Cal			97
50) 2,6-Dinitrotoluene	9.58	165	22338	10.45	ng	#	41
51) Acenaphthene	9.61	154	490907	59.35	ng		98
54) Dibenzofuran	9.78	168	414497	36.39	ng		92
55) 4-Nitrophenol	9.78	139	151702	79.26	ng	#	6
57) Fluorene	10.12	166	410464	54.32	ng		97
70) Phenanthrene	11.09	178	1077673	106.68	ng		99
71) Anthracene	11.13	178	313179	30.73	ng		99
72) Carbazole	11.30	167	66414	6.96	ng		98
74) Fluoranthene	12.26	202	673410	63.17	ng		99
77) Pyrene	12.49	202	495799	39.62	ng		99
80) Benzo(a)anthracene	13.67	228	194416	20.23	ng		96
82) Chrysene	13.67	228	194416	21.50	ng		92
87) Benzo(b)fluoranthene	14.69	252	73738	6.54	ng	#	96
88) Benzo(k)fluoranthene	14.69	252	73738	8.67	ng		99
89) Benzo(a)pyrene	14.99	252	28597	3.13	ng		97

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

Quantitation Report (Not Reviewed)

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Q8-B4(0-2)CDL

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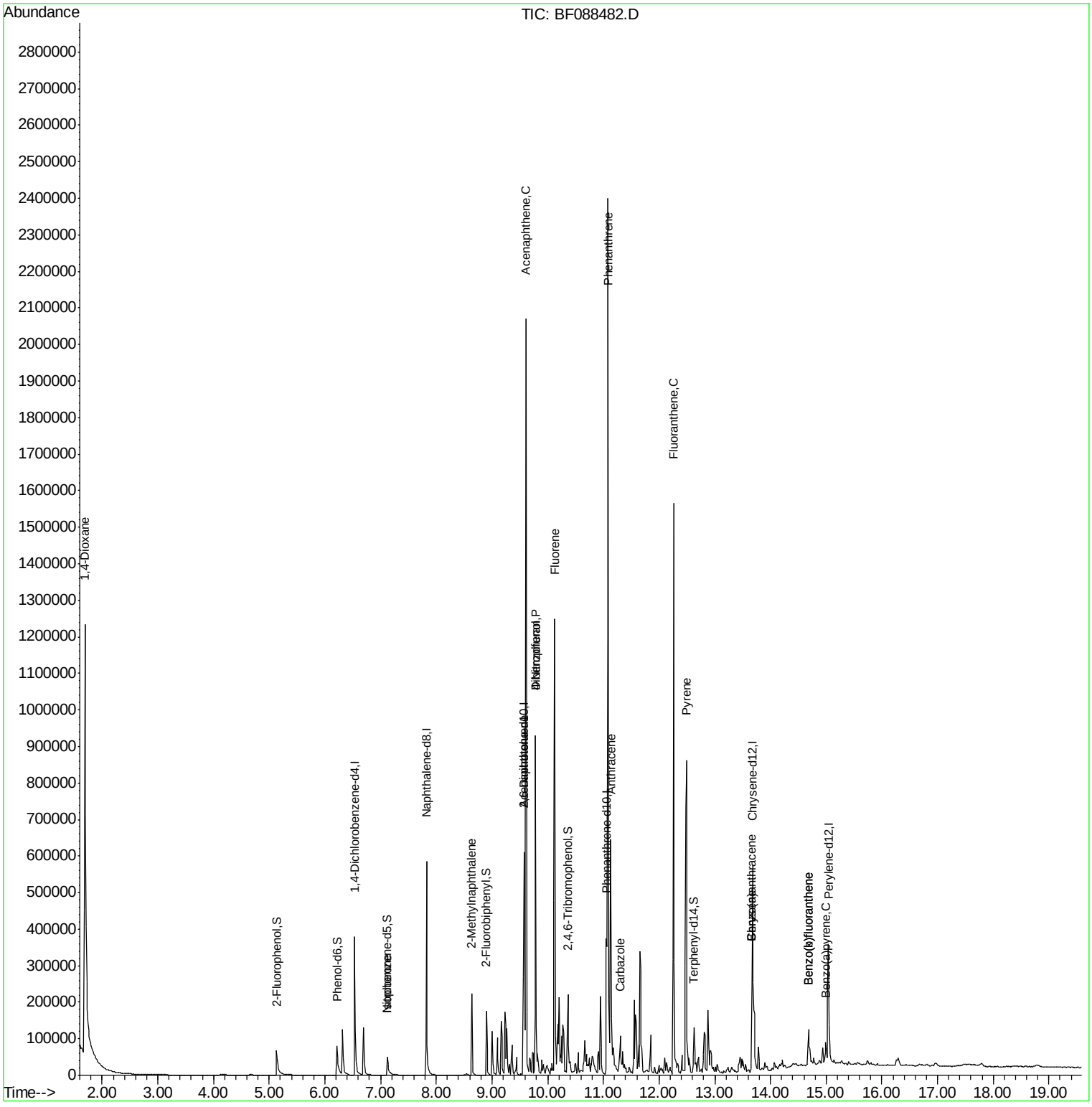
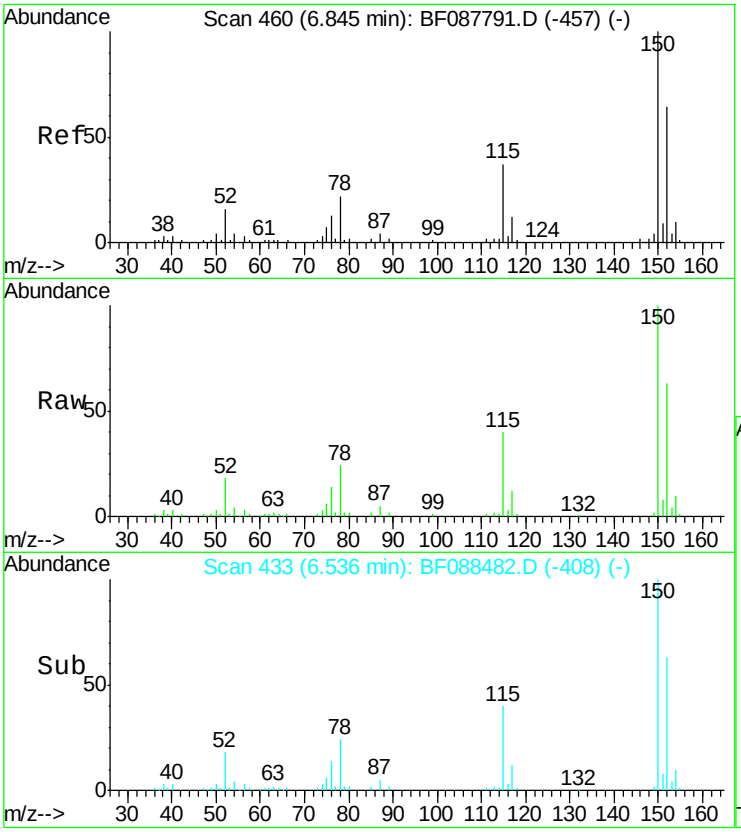


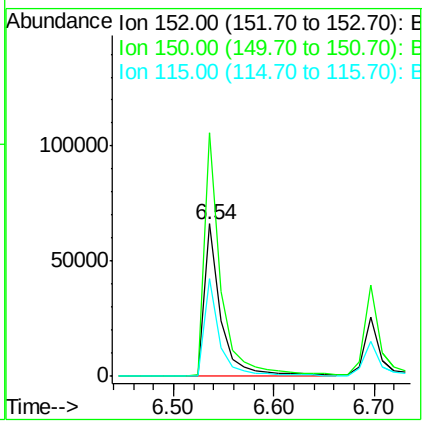


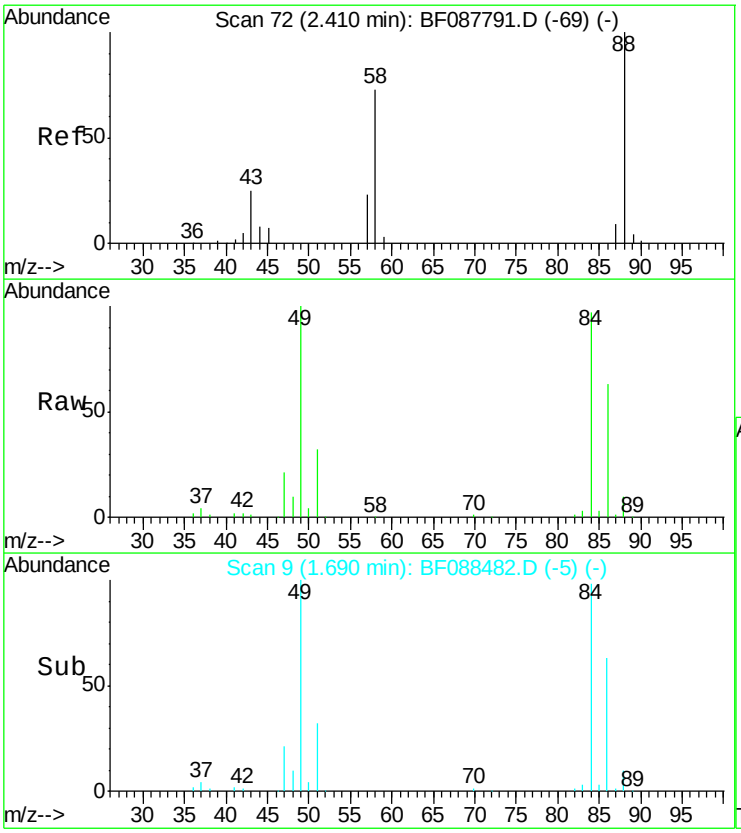
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:152 Resp: 77000

Ion	Ratio	Lower	Upper
152	100		
150	159.4	123.8	185.6
115	63.6	39.6	59.4#

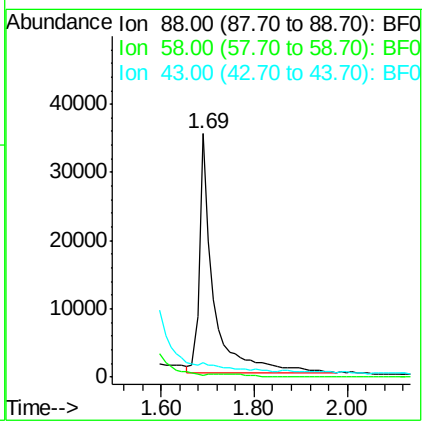


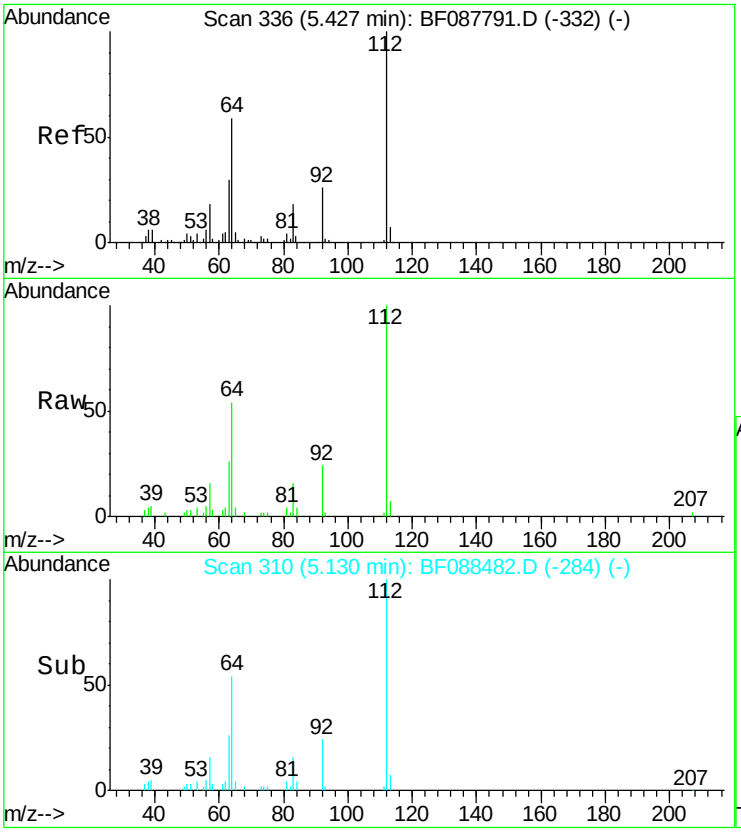


#2
1,4-Dioxane
Concen: 33.83 ng
RT: 1.69 min Scan# 9
Delta R.T. -0.25 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion: 88 Resp: 74043

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	3.4	5.2#



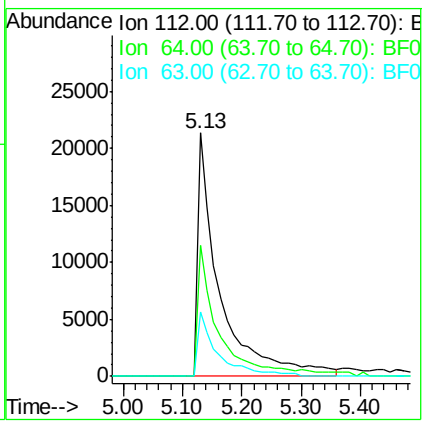


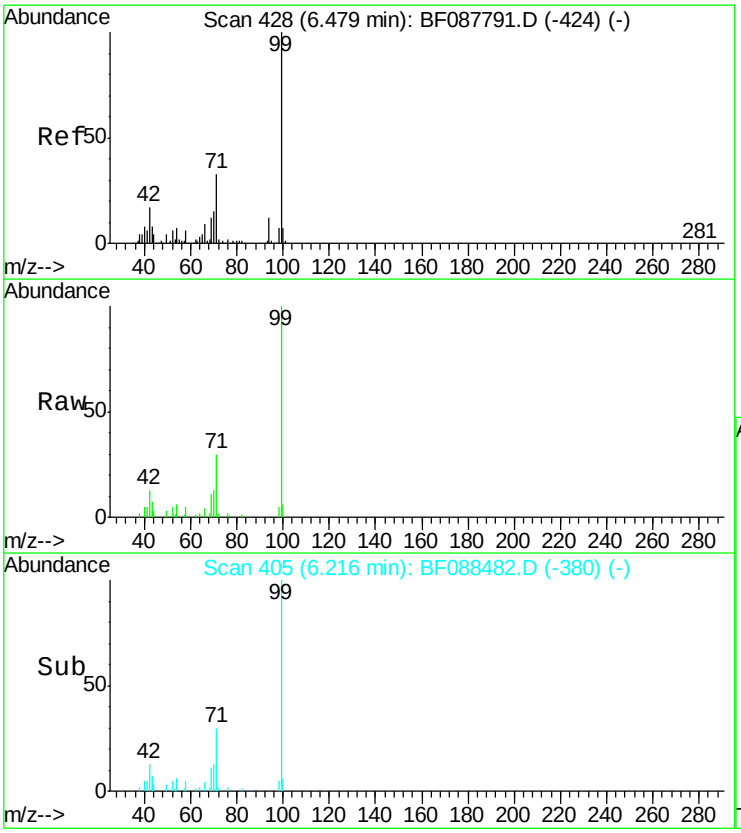
#5
2-Fluorophenol
Concen: 12.41 ng
RT: 5.13 min Scan# 310
Delta R.T. 0.00 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:112 Resp: 55910

Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.2	63.2
63	26.5	21.8	32.8

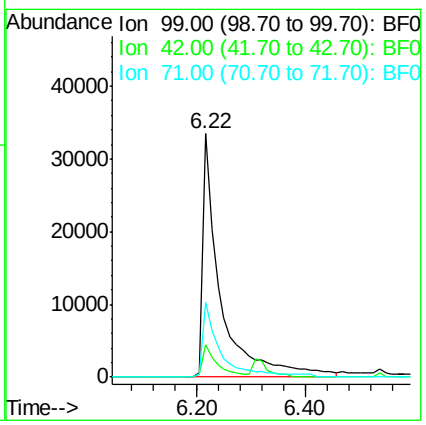


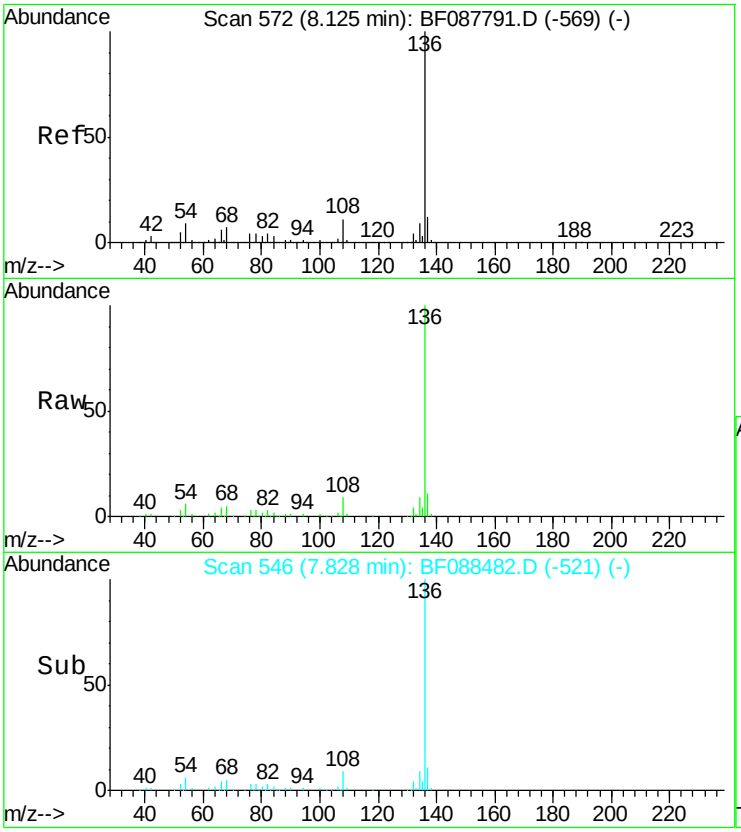


#7
Phenol-d6
Concen: 13.88 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion: 99 Resp: 75745

Ion	Ratio	Lower	Upper
99	100		
42	13.5	12.2	18.2
71	30.5	23.4	35.0



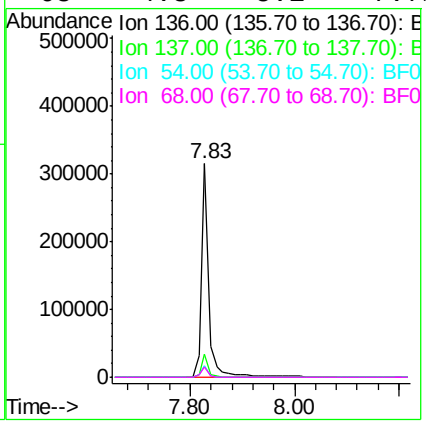


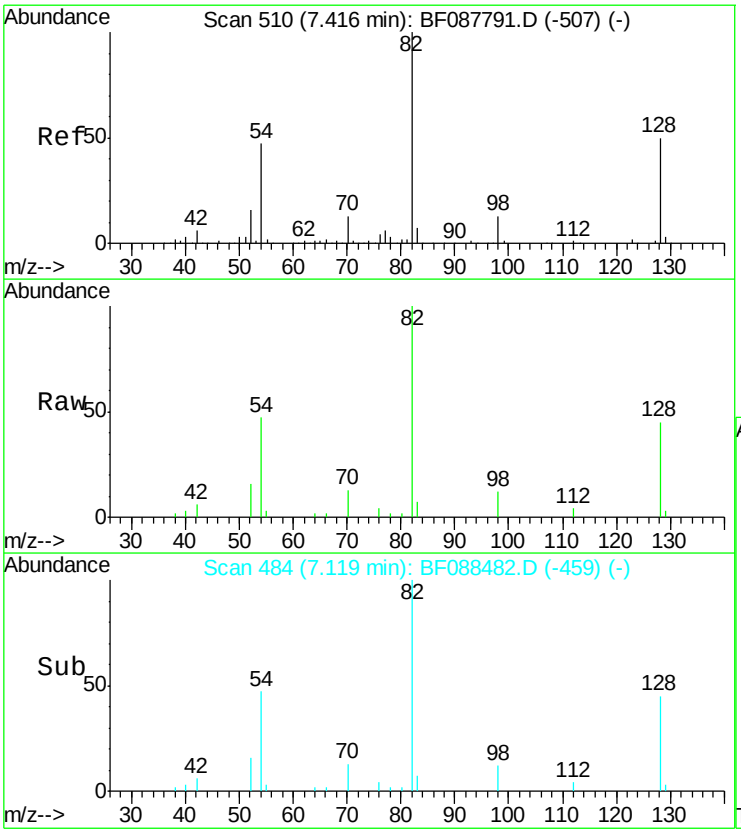
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:136 Resp: 311285

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.6	6.6	10.0#
68	4.8	5.1	7.7#

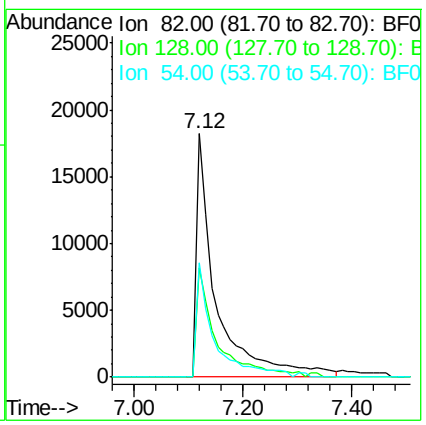


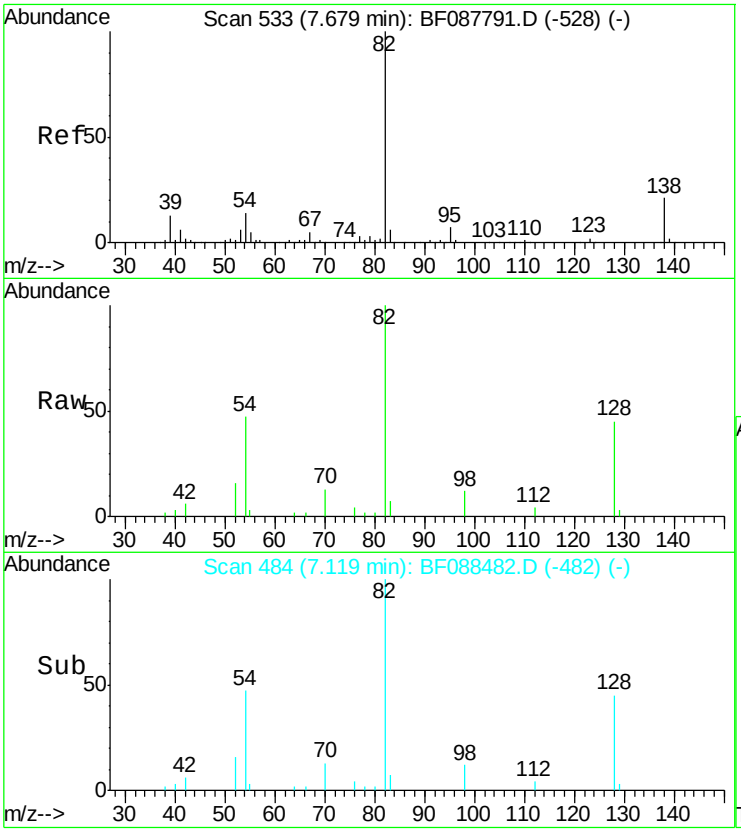


#23
Nitrobenzene-d5
Concen: 8.51 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion: 82 Resp: 45376

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.9	53.9
54	47.1	40.9	61.3



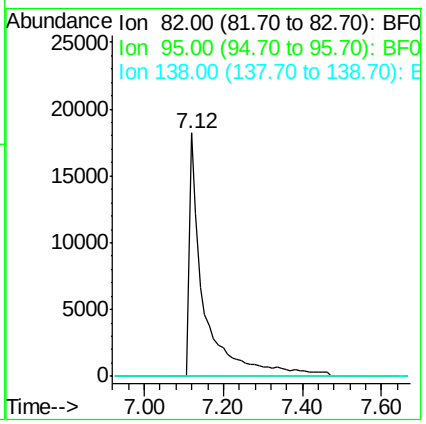


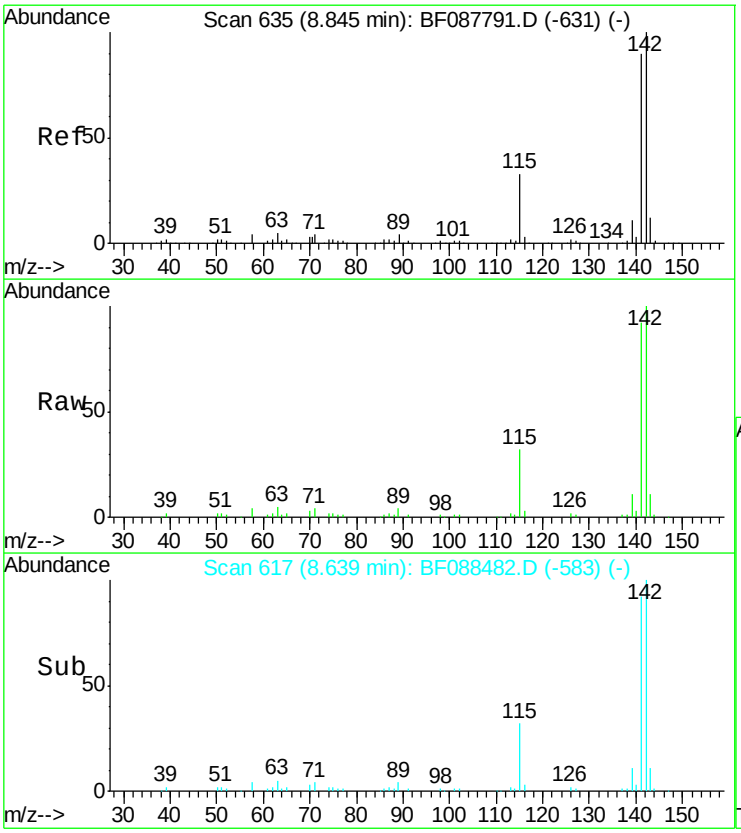
#25
Isophorone
Concen: 4.81 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.27 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion: 82 Resp: 47474

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

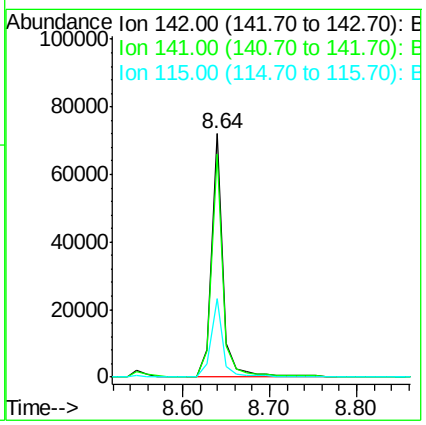


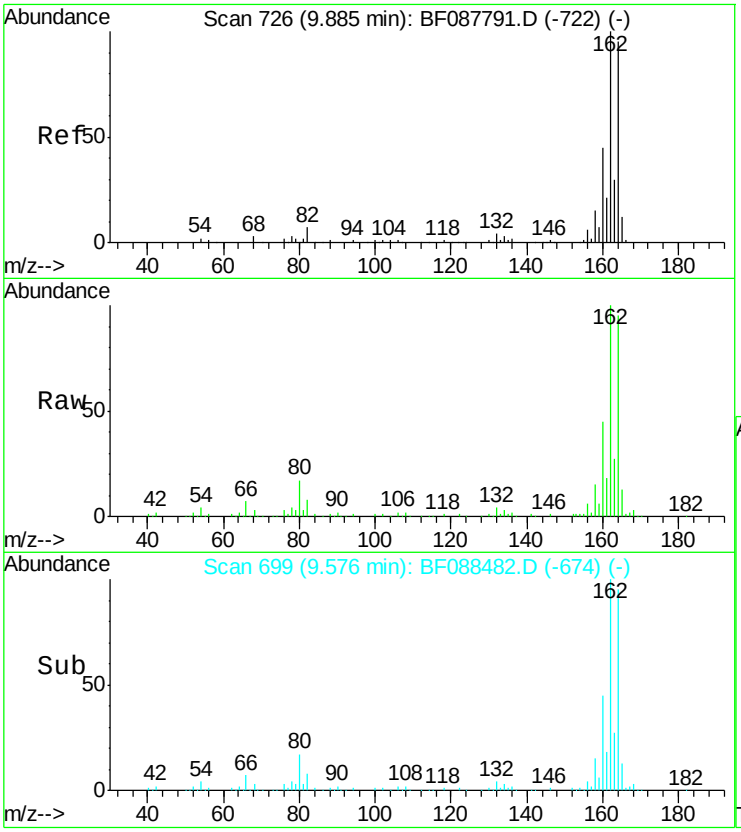


#37
2-Methylnaphthalene
Concen: 6.65 ng
RT: 8.64 min Scan# 617
Delta R.T. 0.09 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion:142 Resp: 67474

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.0	106.6
115	32.1	22.6	33.8



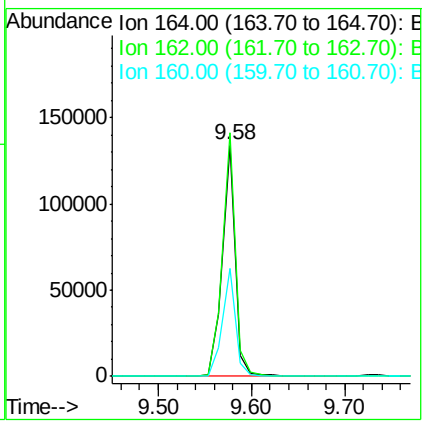


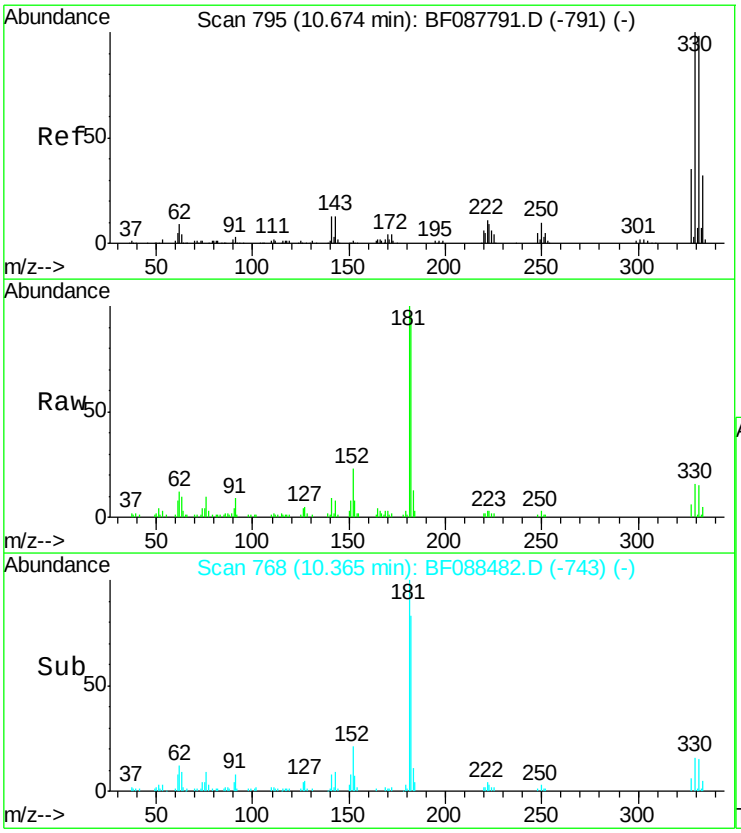
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:164 Resp: 128821

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.4	128.2
160	46.9	39.5	59.3

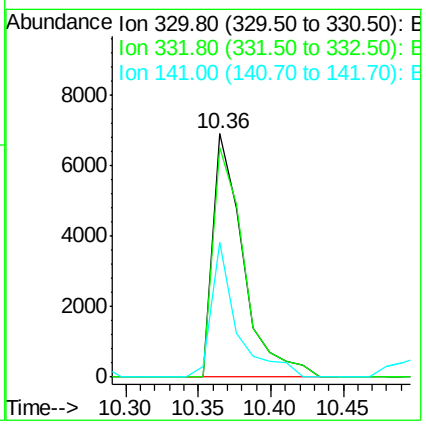


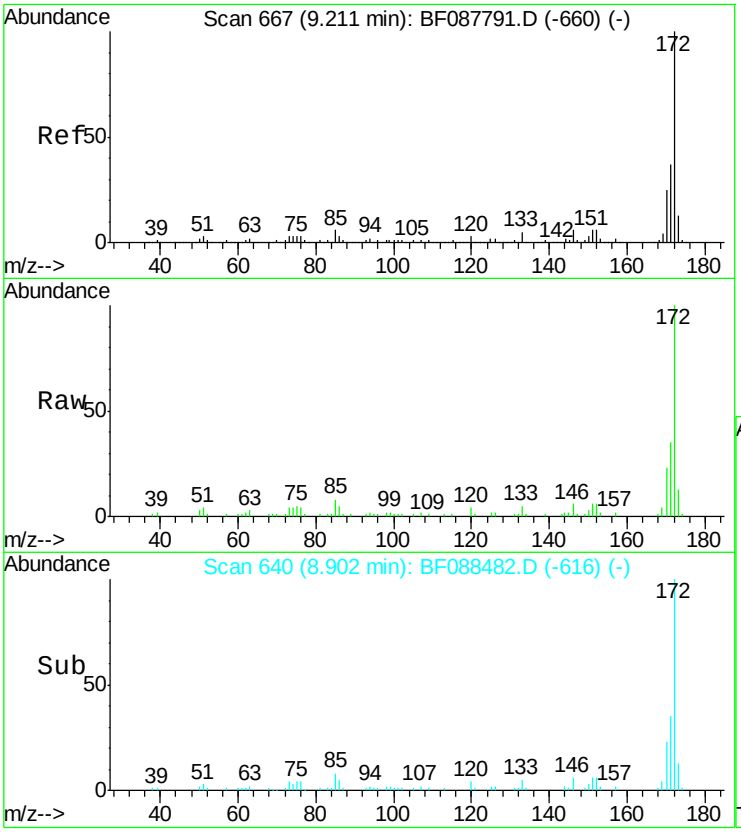


#41
2,4,6-Tribromophenol
Concen: 7.32 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion:330 Resp: 9962

Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	47.1	0.0	0.0#



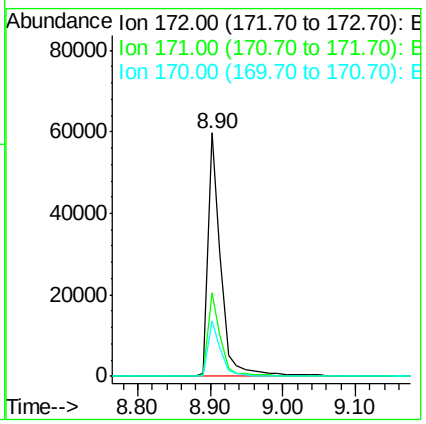


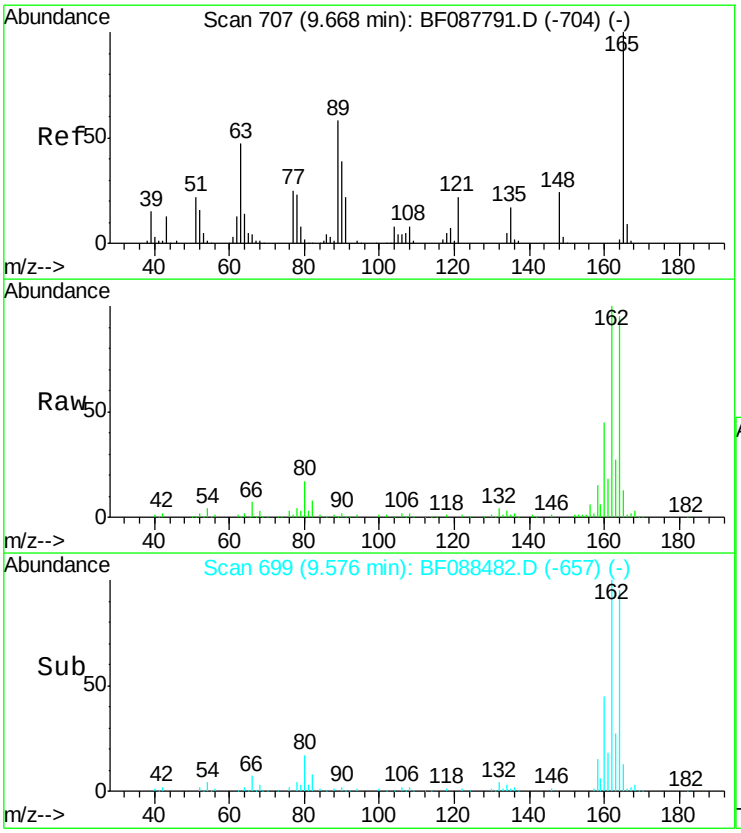
#44
2-Fluorobiphenyl
Concen: 3.55 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:172 Resp: 72646

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	22.7	19.2	28.8

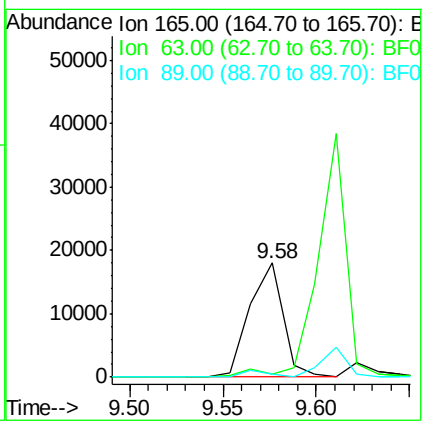


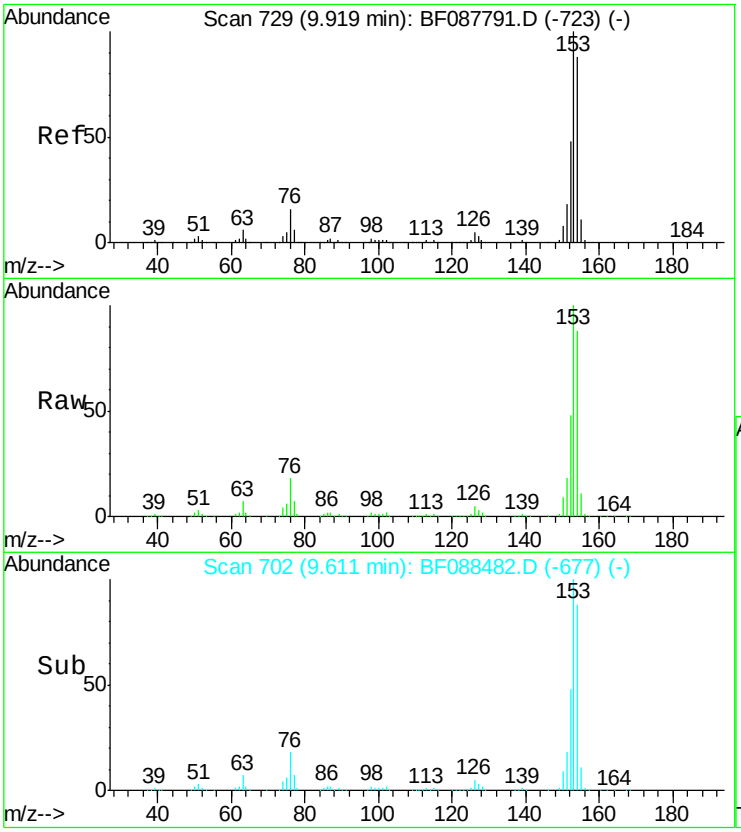


#50
2,6-Dinitrotoluene
Concen: 10.45 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.18 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion:165 Resp: 22338

Ion	Ratio	Lower	Upper
165	100		
63	2.2	28.1	42.1#
89	2.4	32.2	48.2#



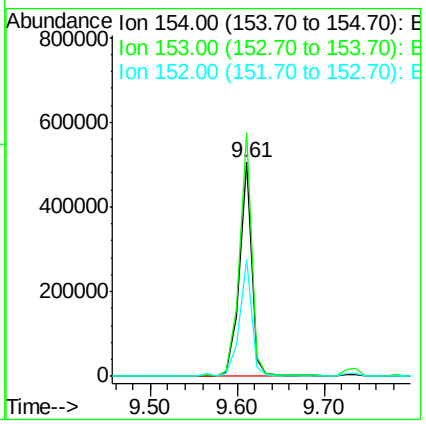


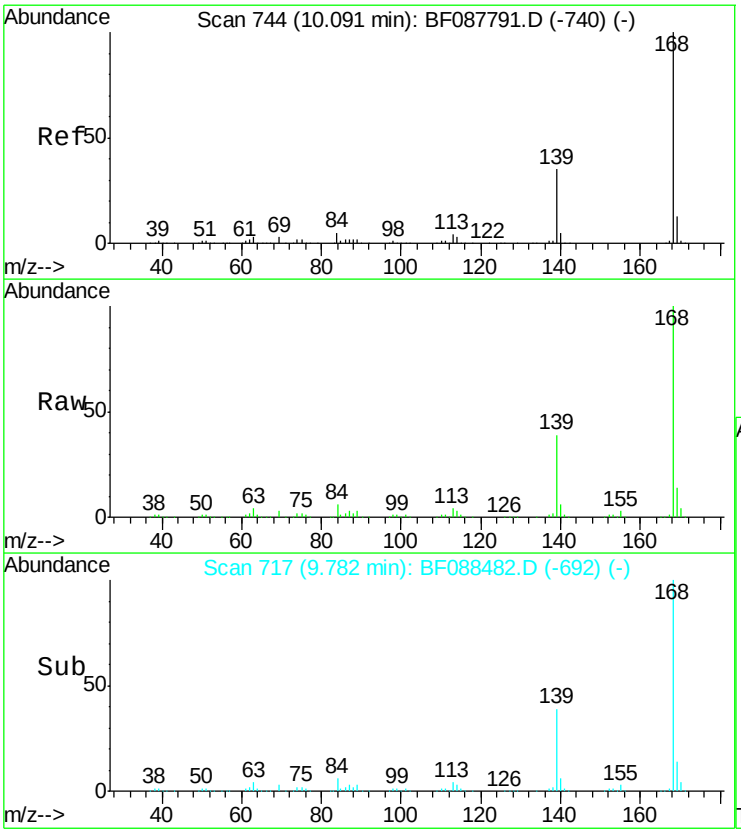
#51
Acenaphthene
Concen: 59.35 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:154 Resp: 490907

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.5	134.3
152	54.9	42.7	64.1

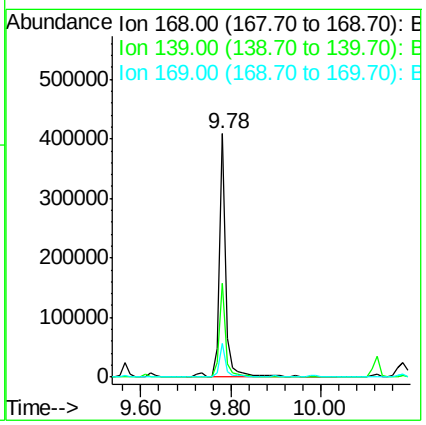


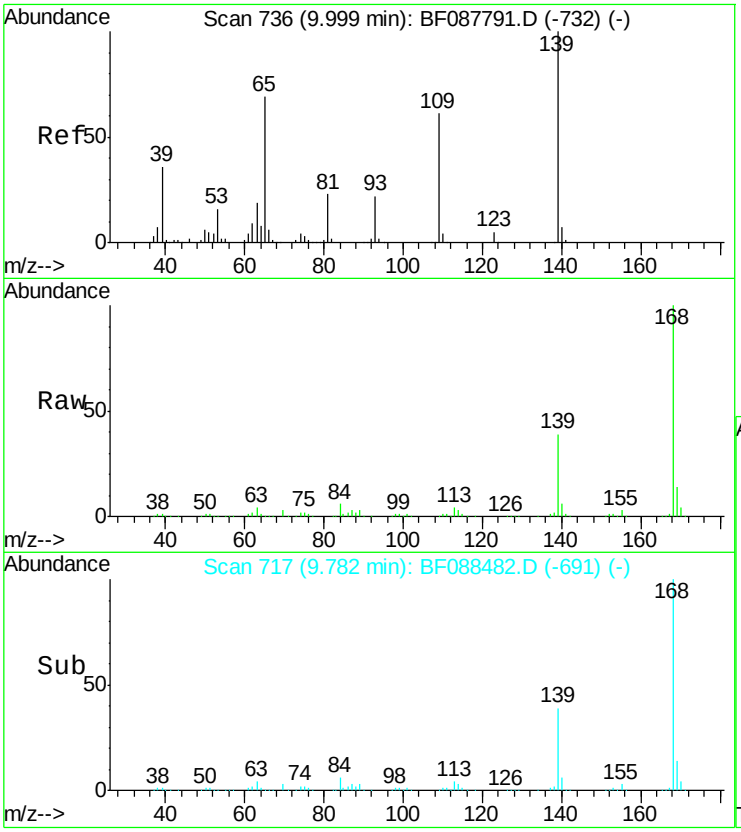


#54
Dibenzofuran
Concen: 36.39 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion:168 Resp: 414497

Ion	Ratio	Lower	Upper
168	100		
139	38.6	26.4	39.6
169	13.8	10.4	15.6



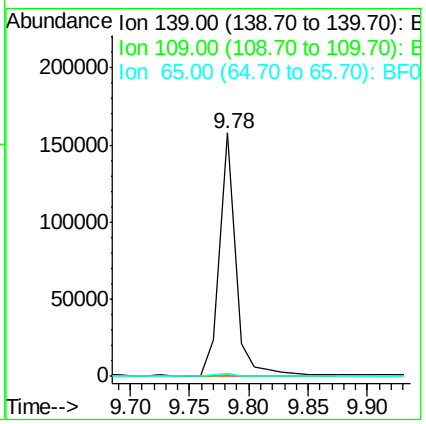


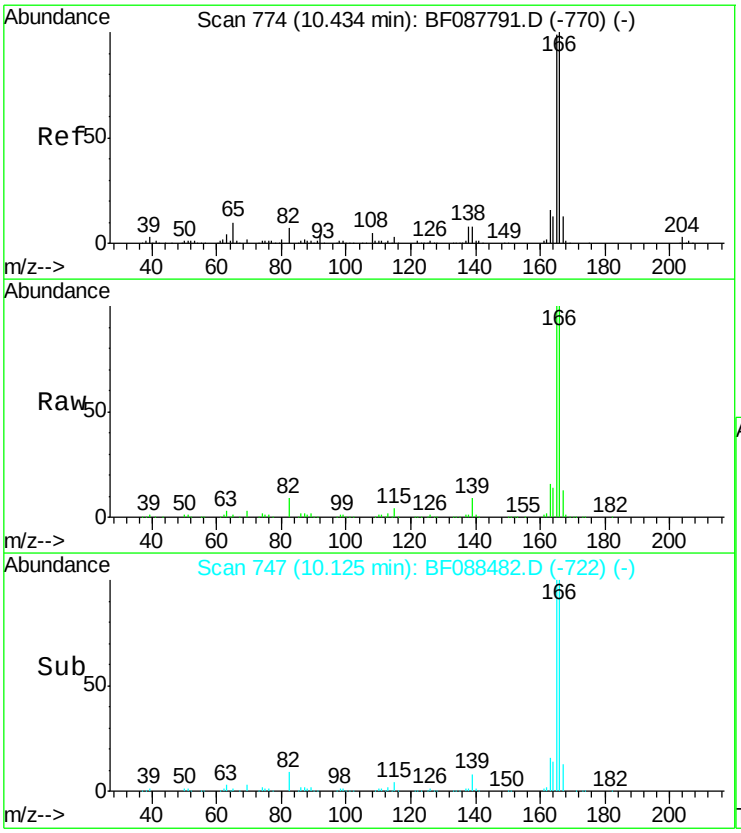
#55
4-Nitrophenol
Concen: 79.26 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:139 Resp: 151702

Ion	Ratio	Lower	Upper
139	100		
109	0.9	48.9	88.9#
65	1.2	84.9	124.9#

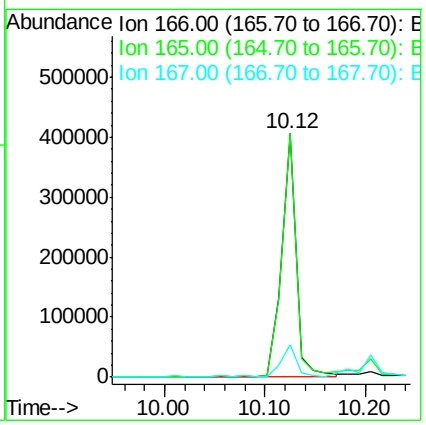


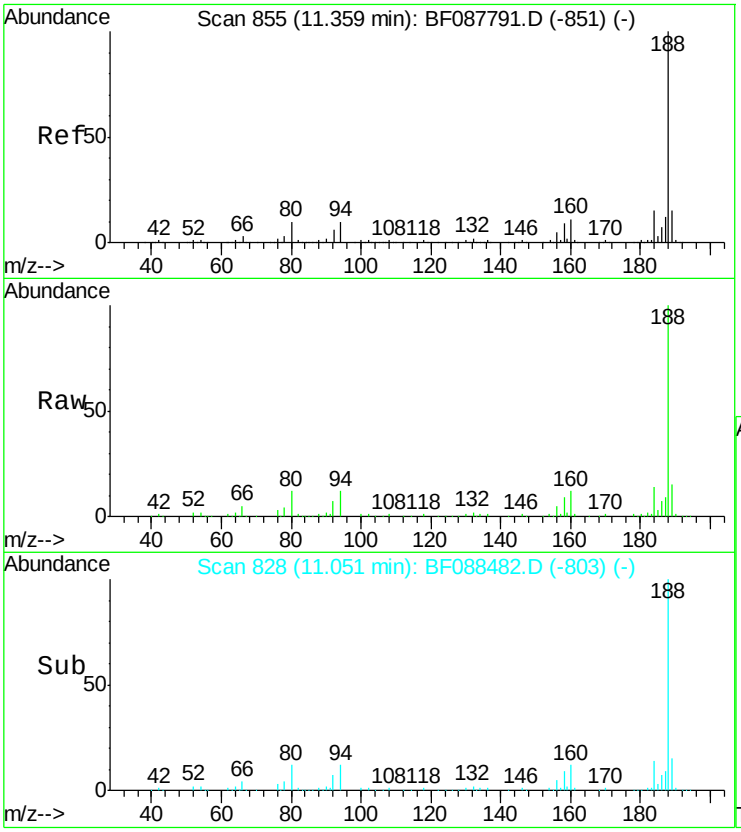


#57
Fluorene
Concen: 54.32 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion:166 Resp: 410464

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.8	116.8
167	13.4	11.2	16.8



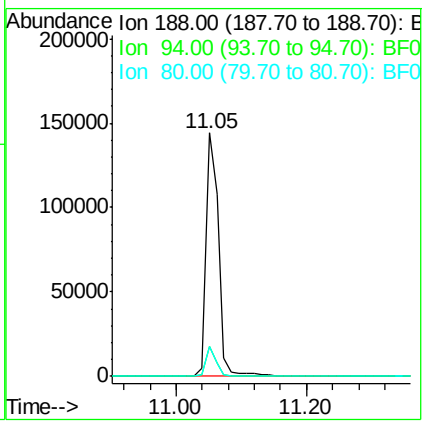


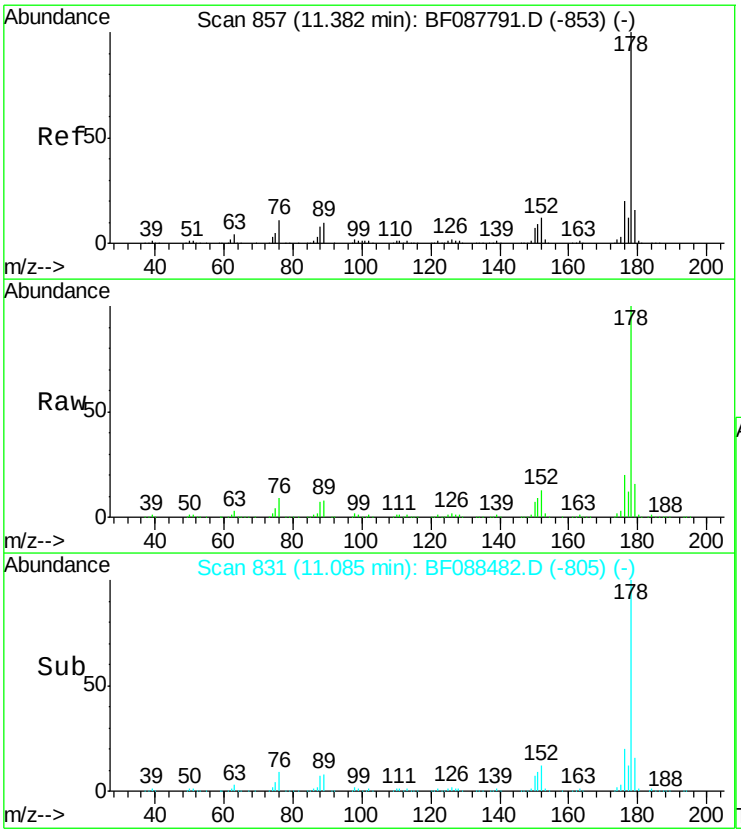
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:188 Resp: 192510

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.0	13.6
80	12.5	10.0	15.0

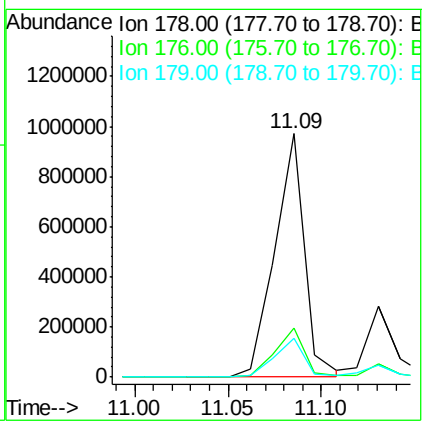


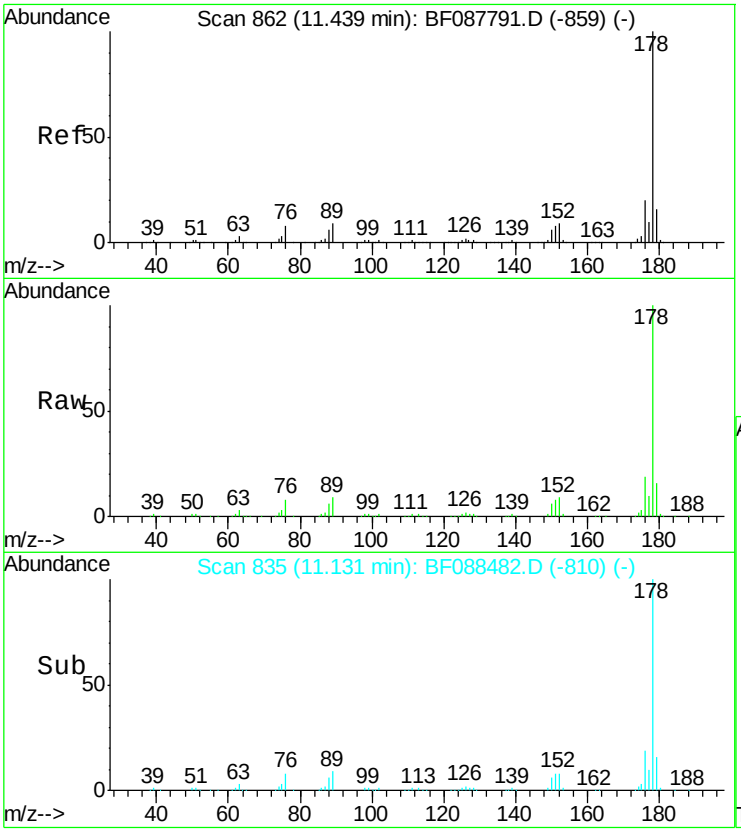


#70
Phenanthrene
Concen: 106.68 ng
RT: 11.09 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion:178 Resp: 1077673

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	15.9	13.0	19.4



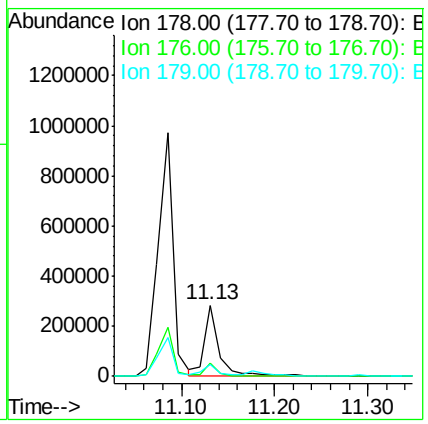


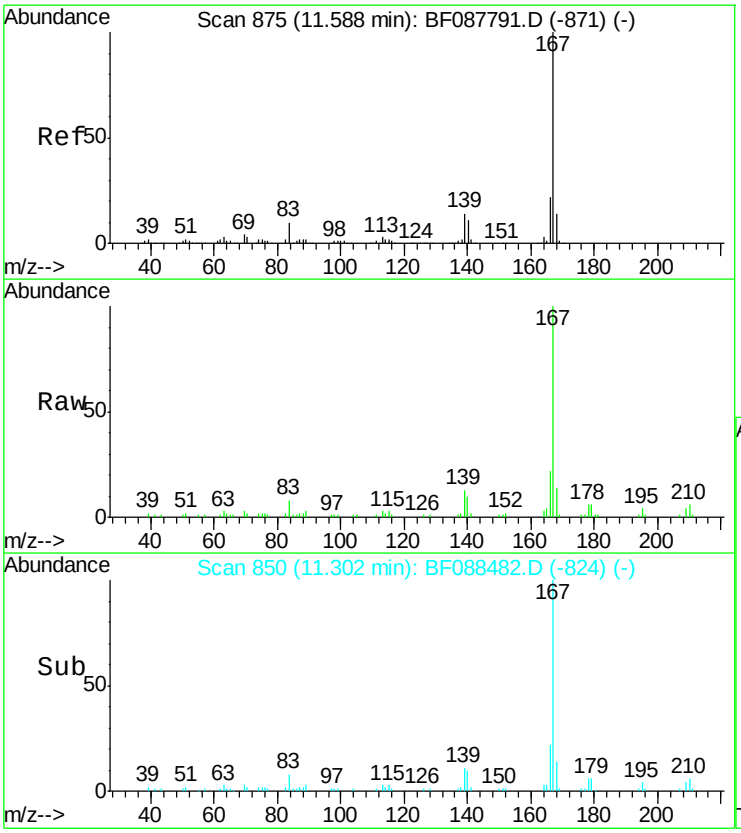
#71
Anthracene
Concen: 30.73 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:178 Resp: 313179

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	16.1	12.8	19.2

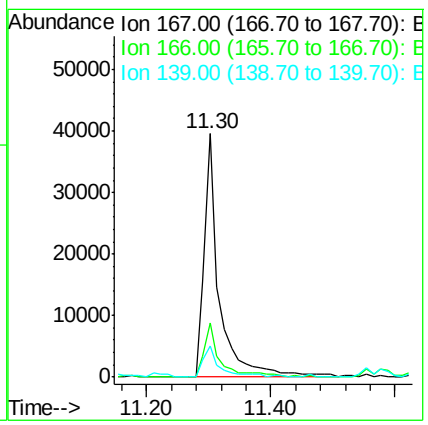


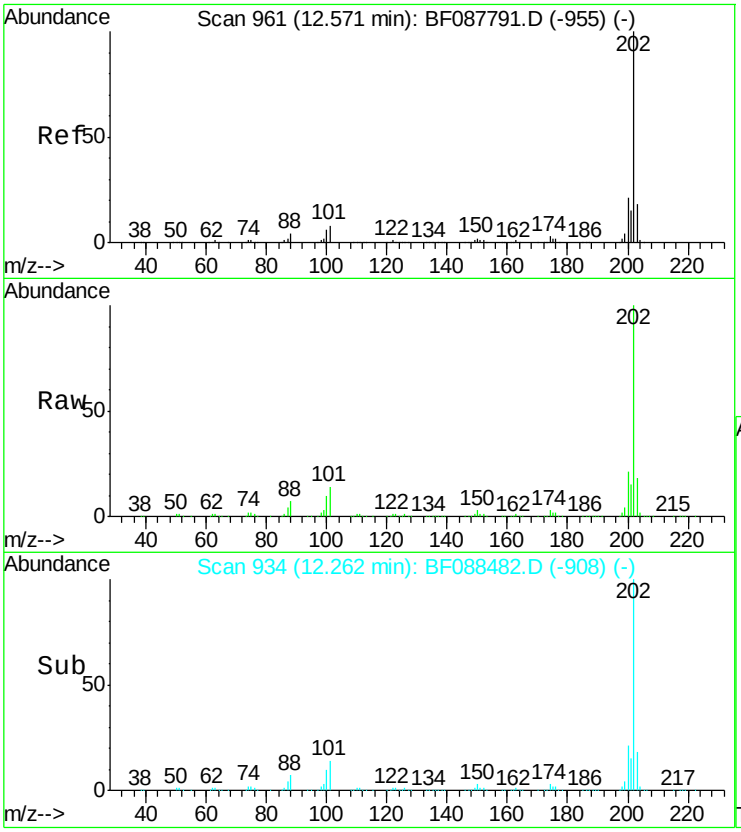


#72
Carbazole
Concen: 6.96 ng
RT: 11.30 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion:167 Resp: 66414

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	12.6	11.2	16.8



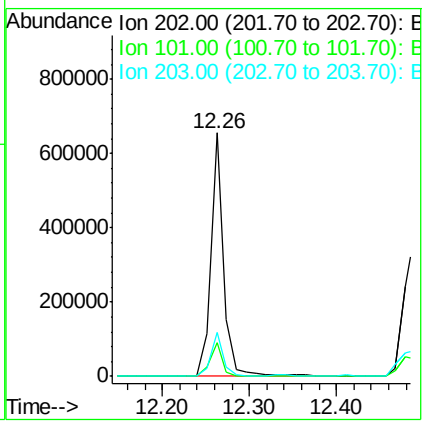


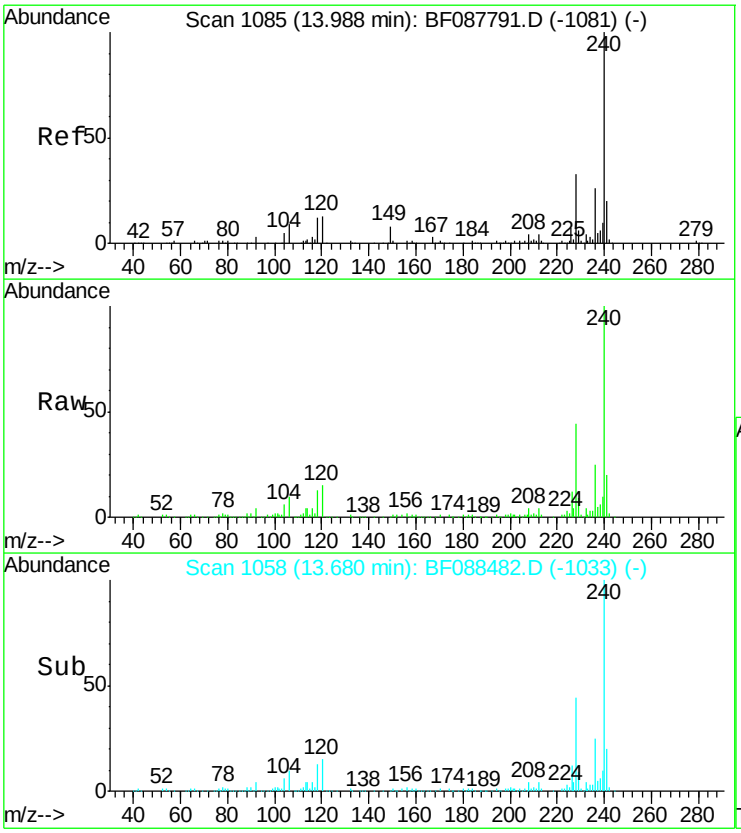
#74
Fluoranthene
Concen: 63.17 ng
RT: 12.26 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:202 Resp: 673410

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.1
203	17.8	0.0	38.1

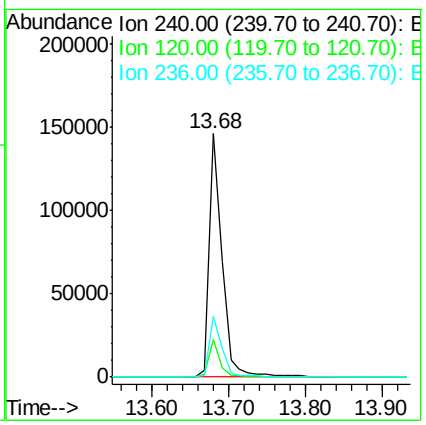


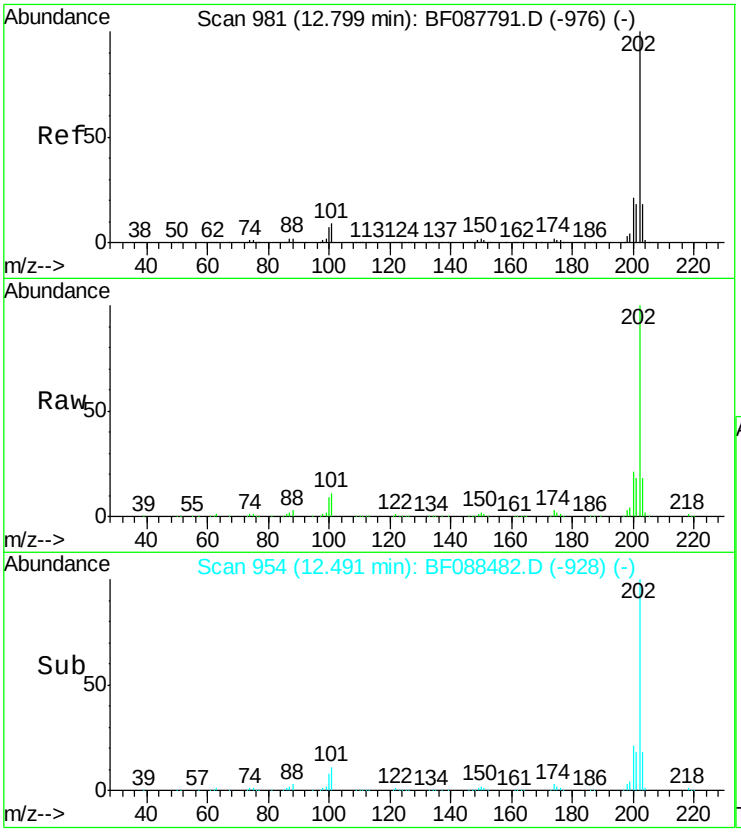


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion:240 Resp: 168638

Ion	Ratio	Lower	Upper
240	100		
120	15.4	6.8	10.2#
236	25.0	20.2	30.2



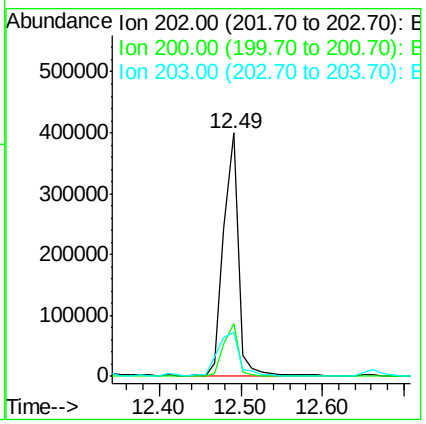


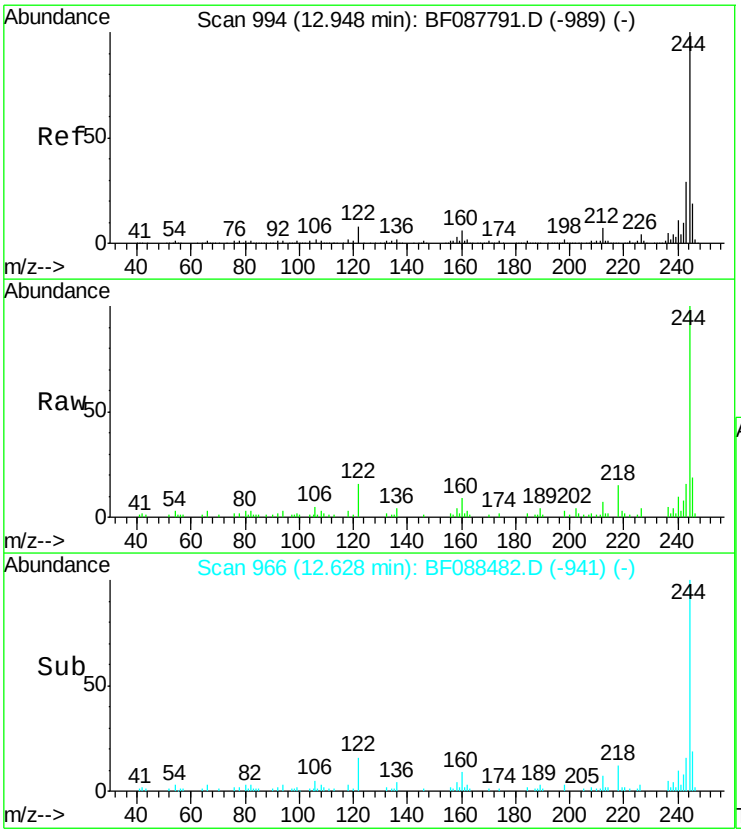
#77
Pyrene
Concen: 39.62 ng
RT: 12.49 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:202 Resp: 495799

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.0	14.5	21.7

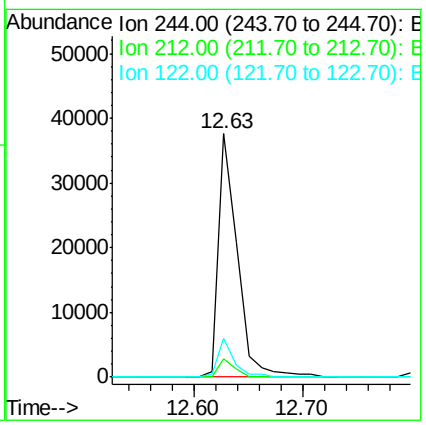


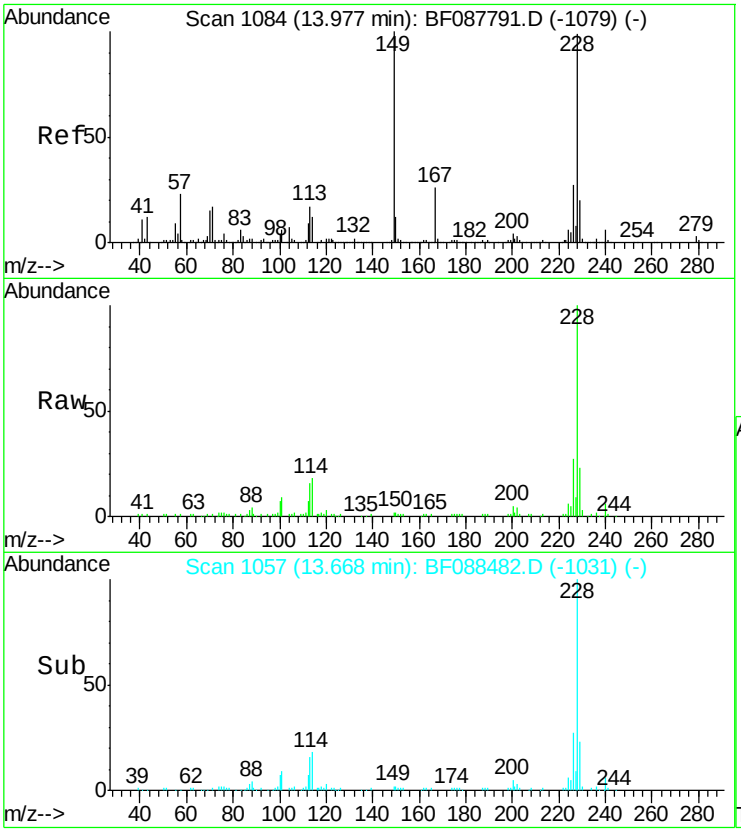


#78
Terphenyl-d14
Concen: 6.14 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion:244 Resp: 45523

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	15.9	11.2	16.8



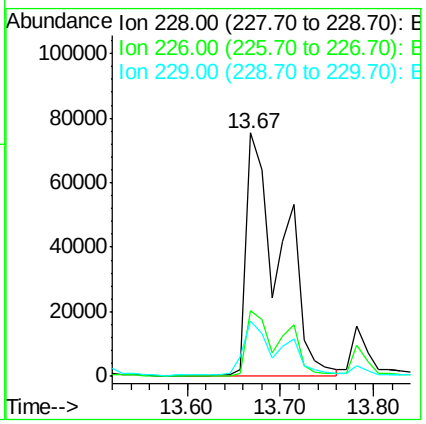


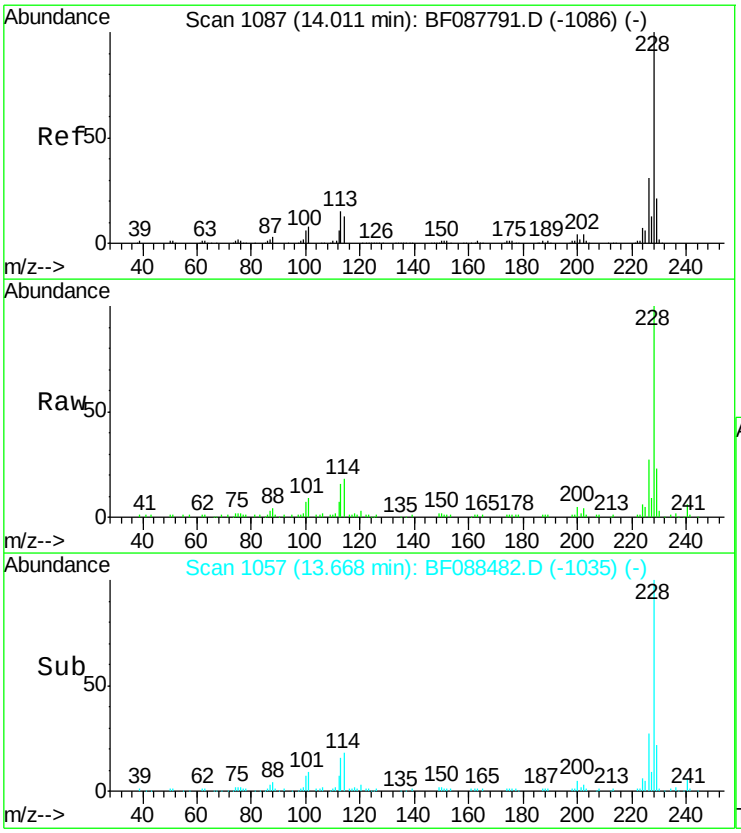
#80
Benzo(a)anthracene
Concen: 20.23 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:228 Resp: 194416

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.3	33.5
229	23.0	16.0	24.0

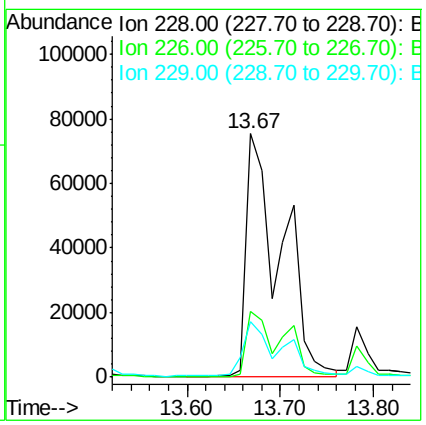


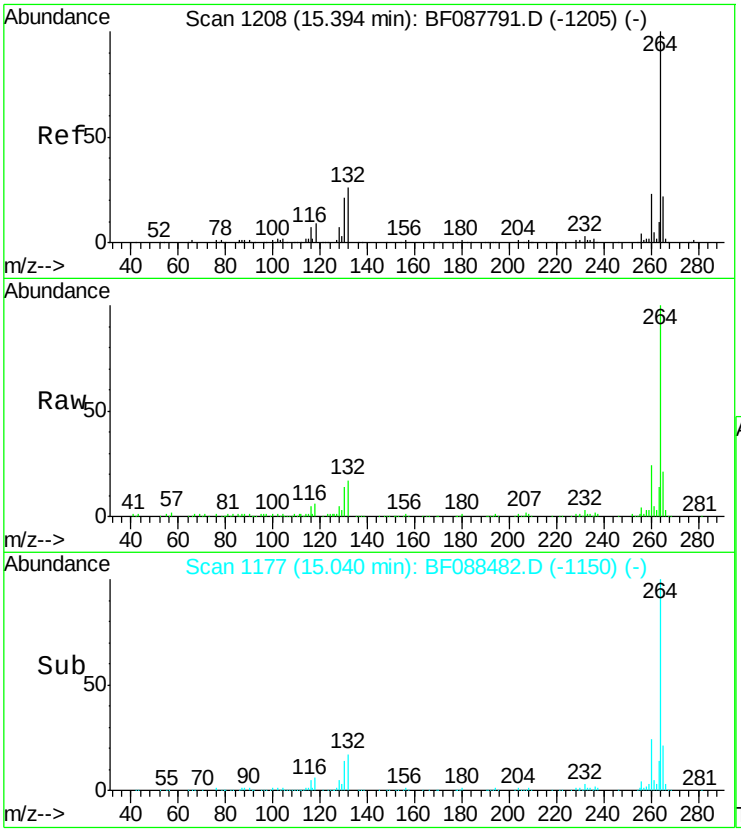


#82
Chrysene
Concen: 21.50 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion:228 Resp: 194416

Ion	Ratio	Lower	Upper
228	100		
226	26.9	25.4	38.2
229	23.0	16.3	24.5



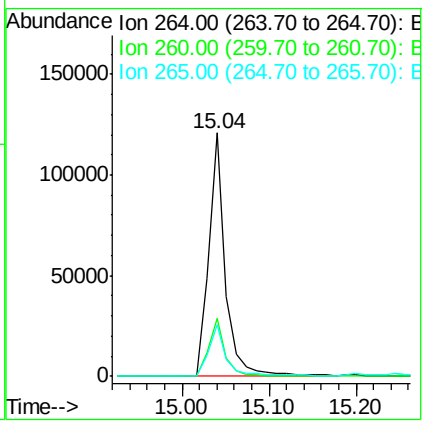


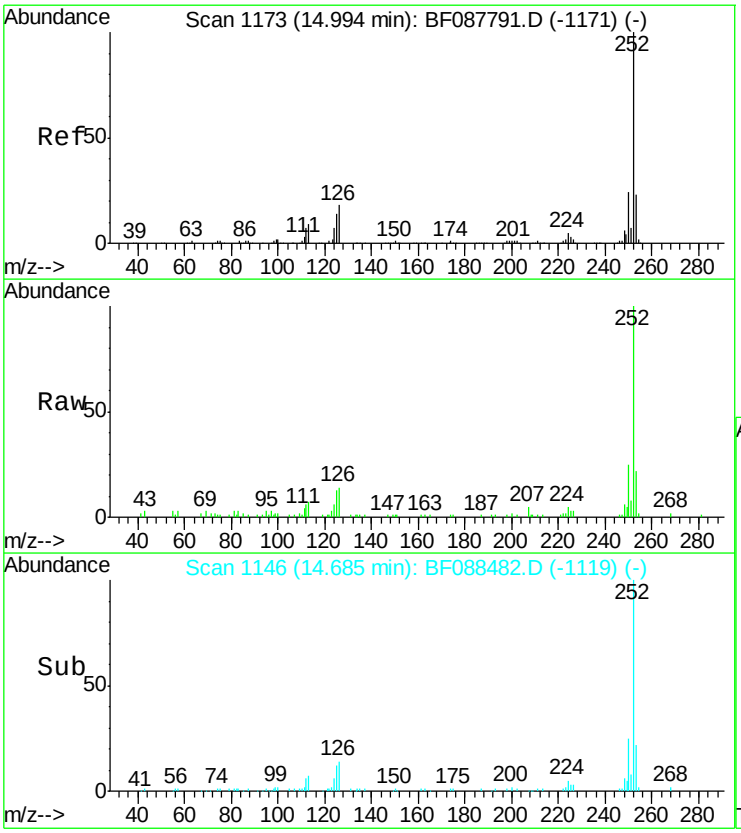
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:264 Resp: 161772

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	16.9	25.3

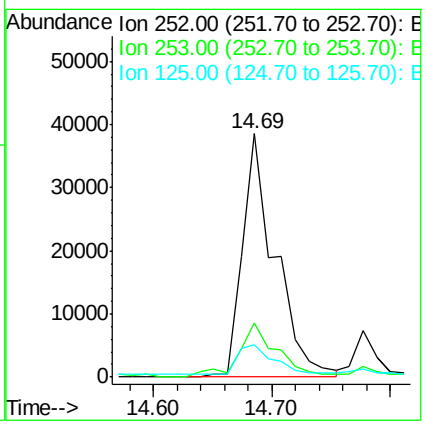


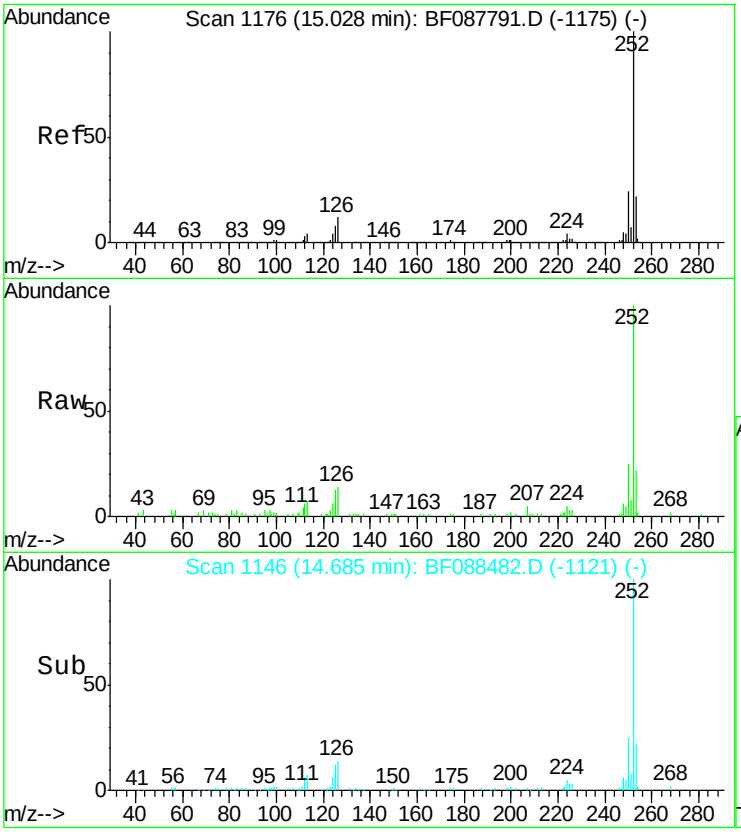


#87
Benzo(b)fluoranthene
Concen: 6.54 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion:252 Resp: 73738

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	13.1	7.1	10.7#



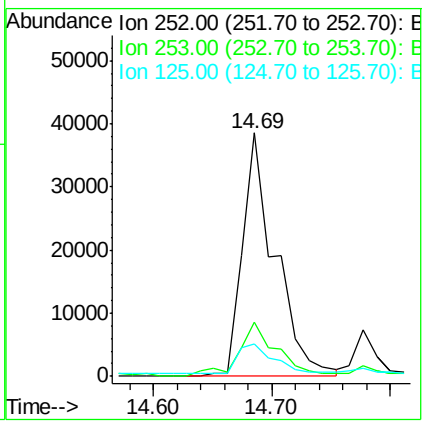


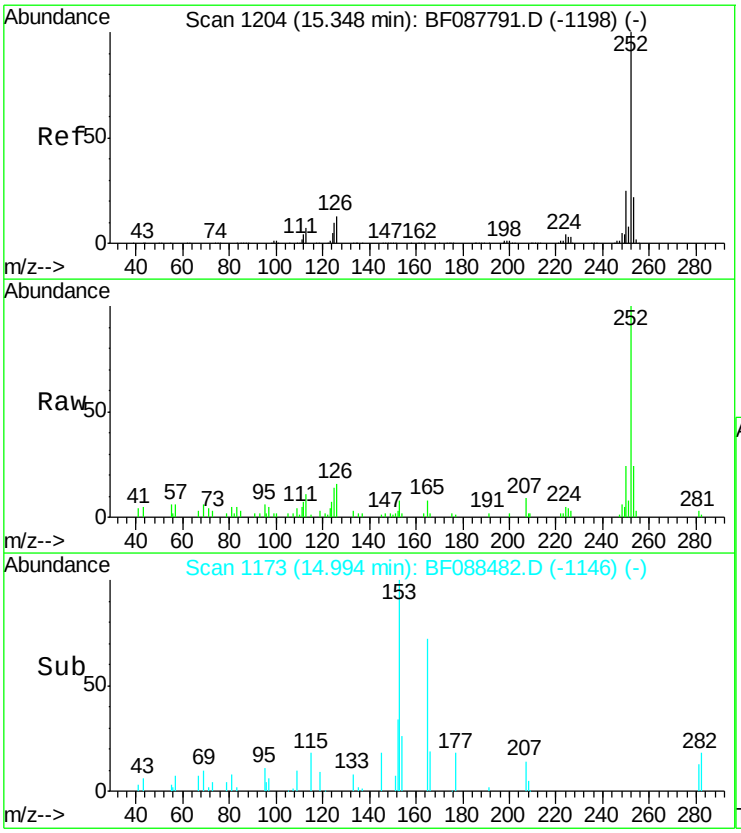
#88
Benzo(k)fluoranthene
Concen: 8.67 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)CDL

Tgt Ion:252 Resp: 73738

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	13.1	11.2	16.8





#89
Benzo(a)pyrene
Concen: 3.13 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF088482.D
Acq: 28 Jun 2016 7:31

Tgt Ion:252 Resp: 28597

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	13.8	12.5	18.7