Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088400.D
Acq On : 26 Jun 2016 4:36
Operator : UM/SJ
Sample : H3768-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1GW

Quant Time: Jun 26 06:27:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	50235	20.00	ng		-0.02
21) Naphthalene-d8	7.88	136	114576	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	66477	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	150882	20.00	ng		-0.03
75) Chrysene-d12	13.69	240	140825	20.00	ng		-0.06
86) Perylene-d12	15.05	264	113139	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	302670	103.00	ng		-0.03
7) Phenol-d6	6.23	99	198252	55.67	ng		-0.03
23) Nitrobenzene-d5	7.15	82	260497	132.76	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	98641	140.53	ng		-0.03
44) 2-Fluorobiphenyl	8.96	172	413583	98.62	ng		-0.01
78) Terphenyl-d14	12.65	244	469101	75.80	ng		-0.05
Target Compounds							Qvalue
70) Phenanthrene	11.11	178	70057	8.85	ng	#	93
74) Fluoranthene	12.27	202	36634	4.38	ng		94
77) Pyrene	12.50	202	36577	3.50	ng		98
80) Benzo(a)anthracene	13.69	228	18527	2.31	ng	#	94
82) Chrysene	13.73	228	17194m	2.28	ng		

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

Quantitation Report (QT/LSC Reviewed)

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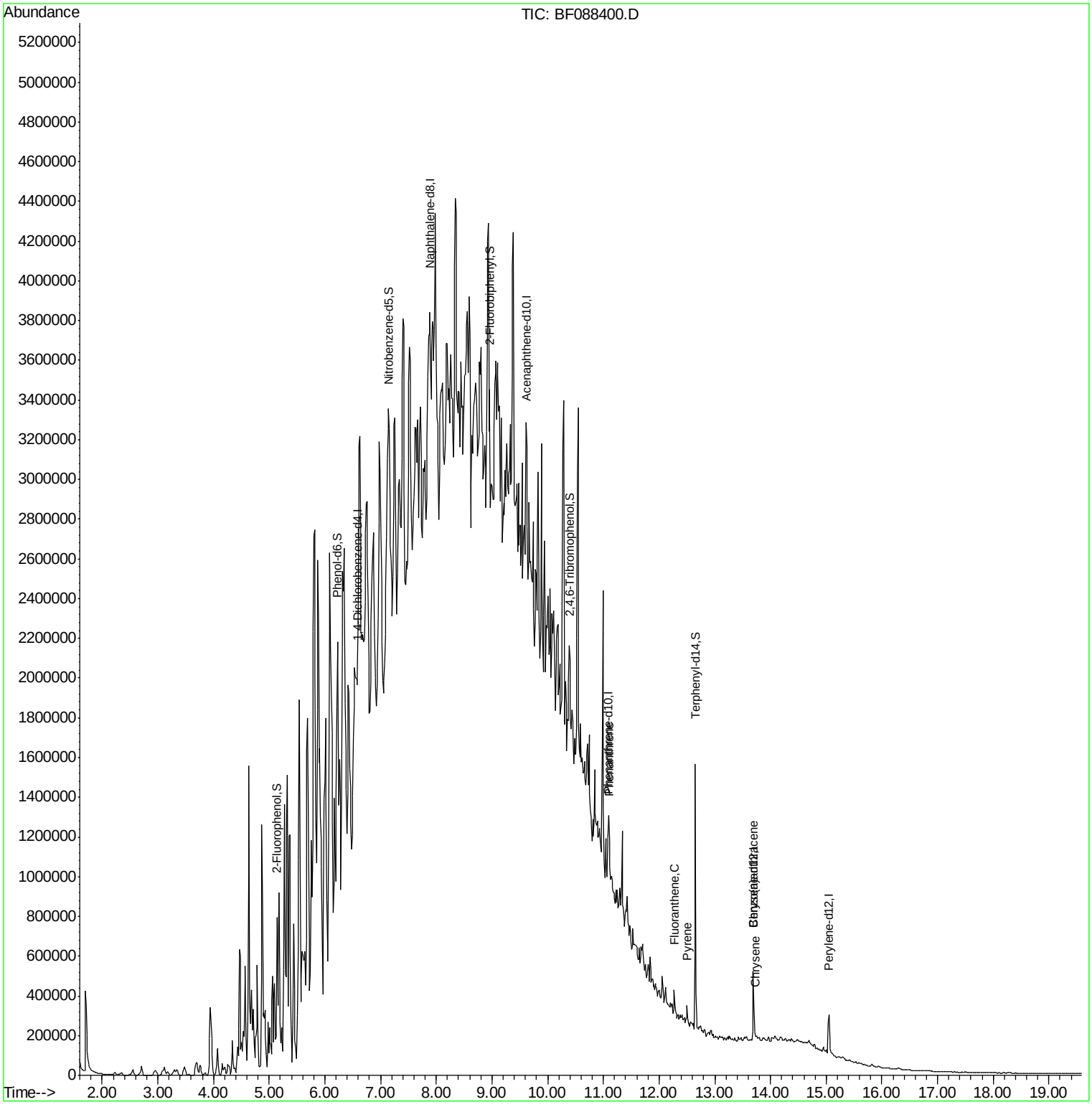
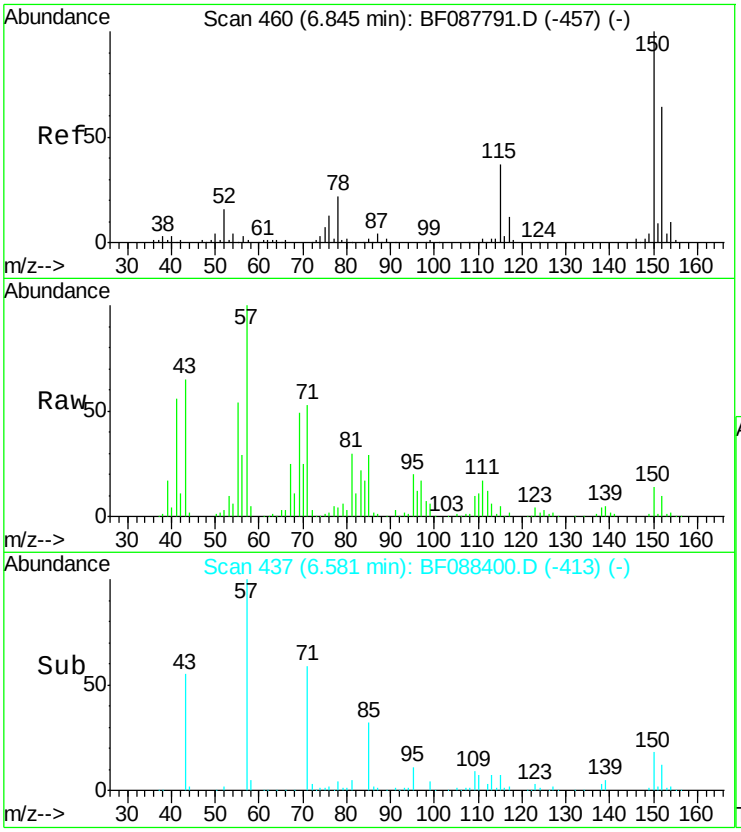


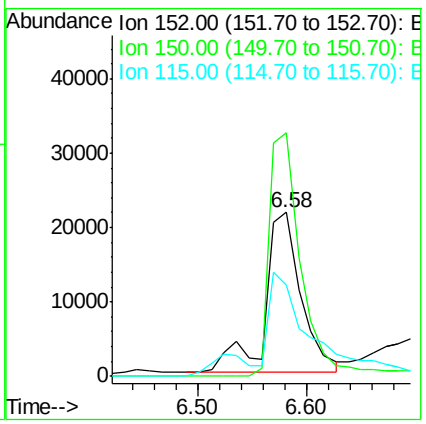


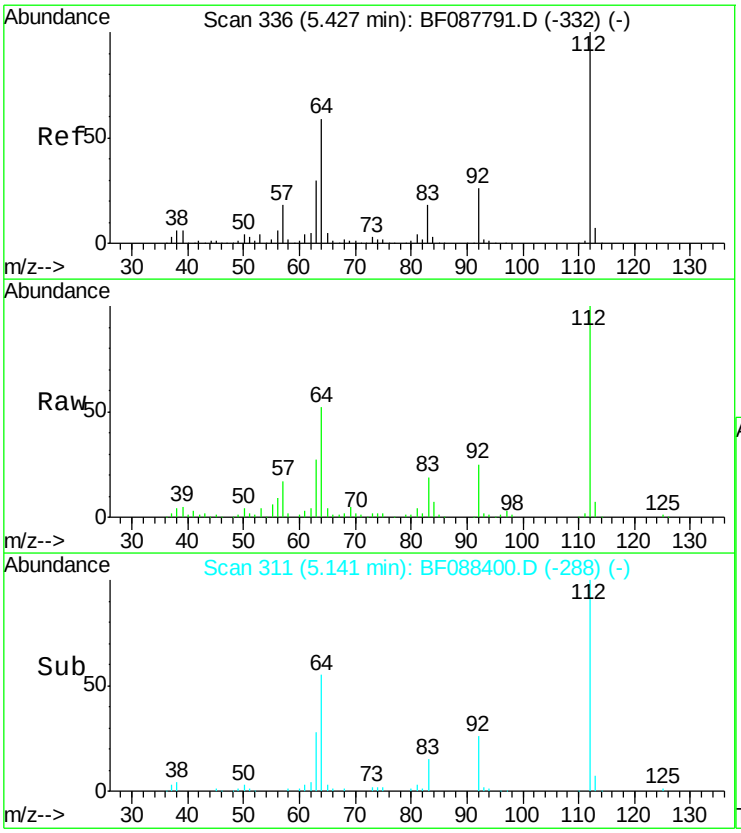
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Instrument :
BNA_F
ClientSampleId :
B1GW

Tgt Ion:152 Resp: 50235

Ion	Ratio	Lower	Upper
152	100		
150	148.7	123.8	185.6
115	55.7	39.6	59.4

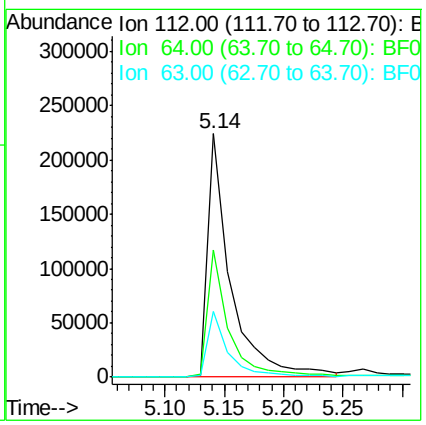


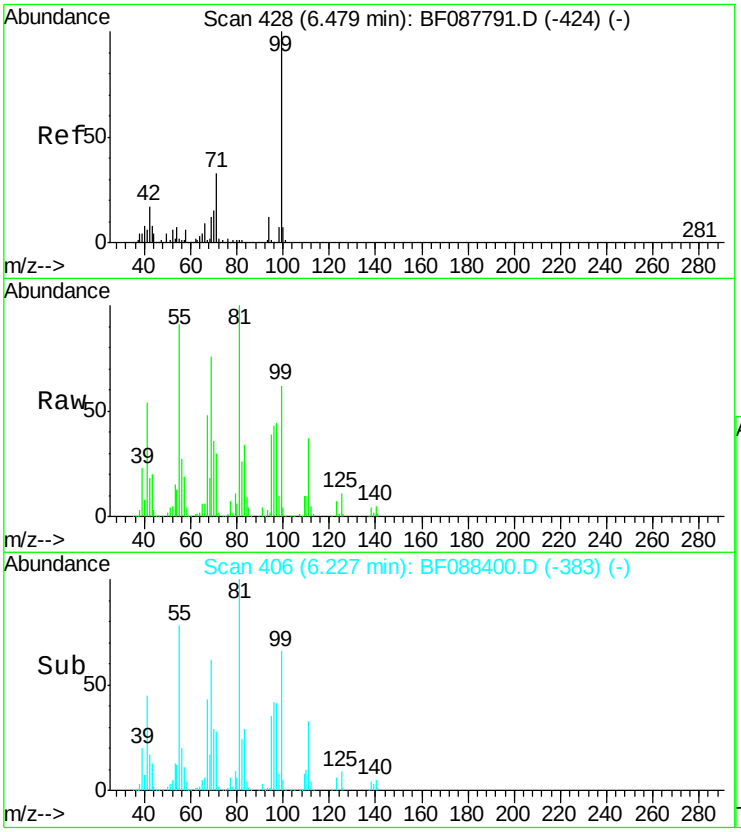


#5
2-Fluorophenol
Concen: 103.00 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.03 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Tgt Ion:112 Resp: 302670

Ion	Ratio	Lower	Upper
112	100		
64	52.4	42.2	63.2
63	26.9	21.8	32.8



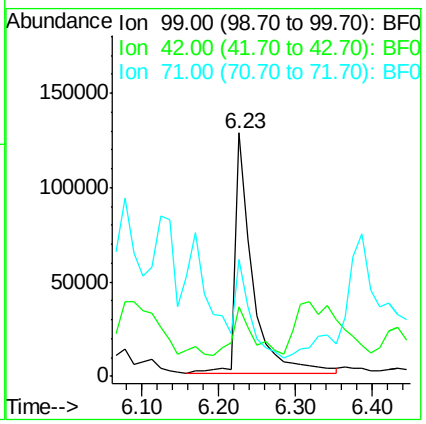


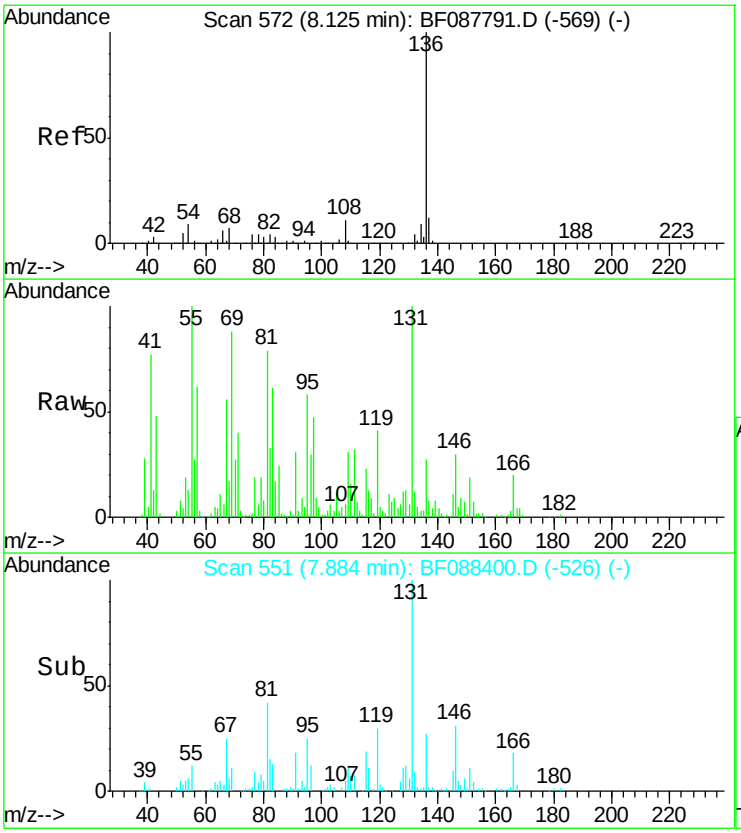
#7
Phenol-d6
Concen: 55.67 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.03 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Instrument :
BNA_F
ClientSampleId :
B1GW

Tgt Ion: 99 Resp: 198252

Ion	Ratio	Lower	Upper
99	100		
42	28.8	12.2	18.2#
71	48.0	23.4	35.0#

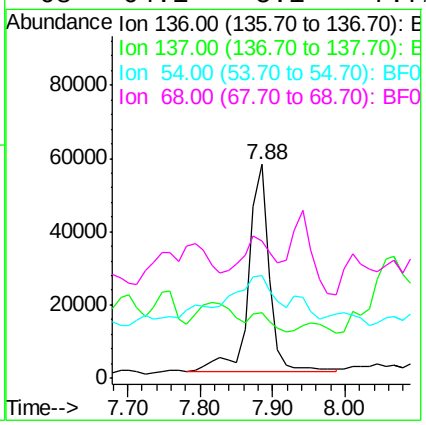


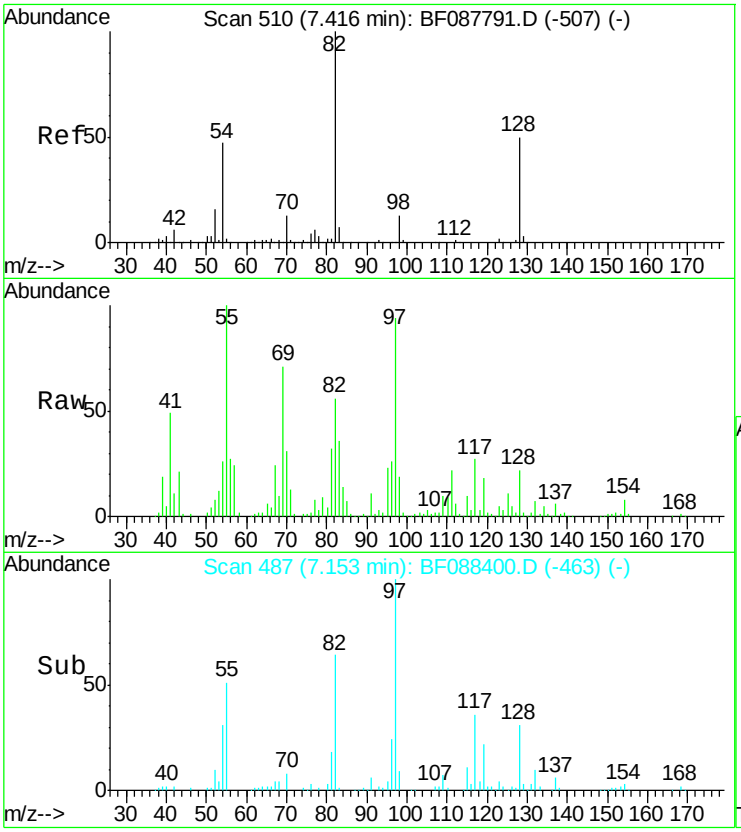


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Tgt Ion:136 Resp: 114576

Ion	Ratio	Lower	Upper
136	100		
137	30.5	9.1	13.7#
54	48.2	6.6	10.0#
68	64.1	5.1	7.7#



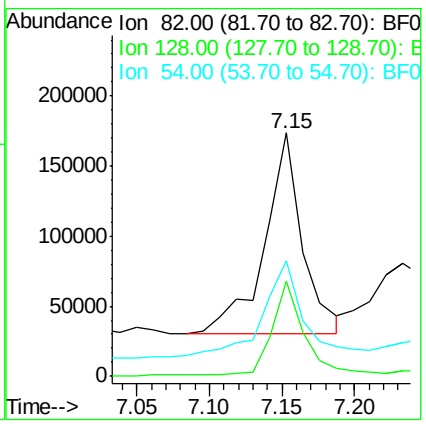


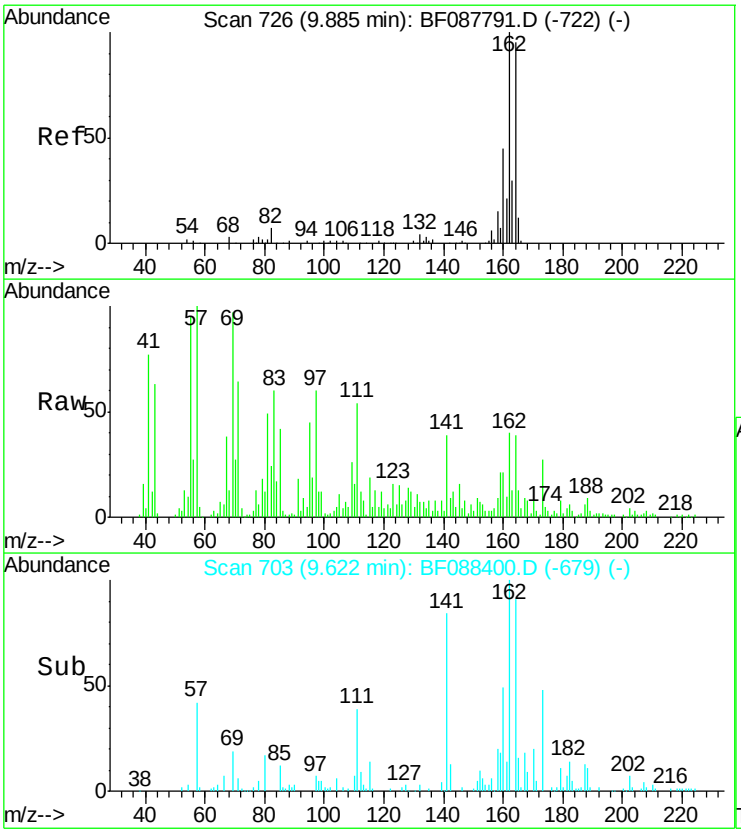
#23
Nitrobenzene-d5
Concen: 132.76 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Instrument :
BNA_F
ClientSampleId :
B1GW

Tgt Ion: 82 Resp: 260497

Ion	Ratio	Lower	Upper
82	100		
128	39.0	35.9	53.9
54	47.3	40.9	61.3

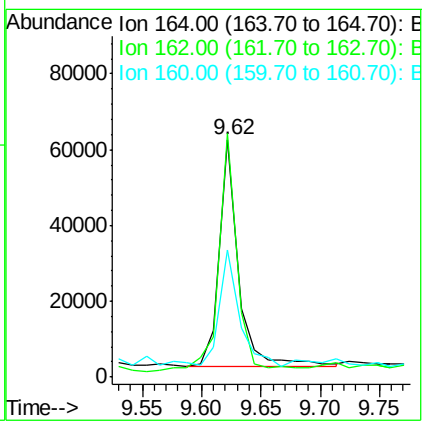


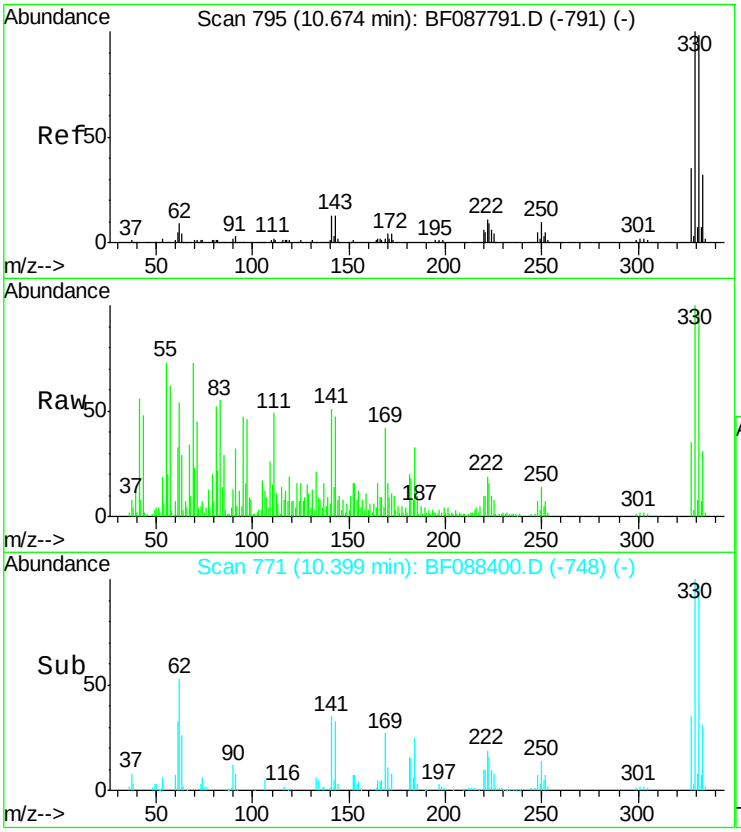


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Tgt Ion:164 Resp: 66477

Ion	Ratio	Lower	Upper
164	100		
162	102.5	85.4	128.2
160	53.3	39.5	59.3



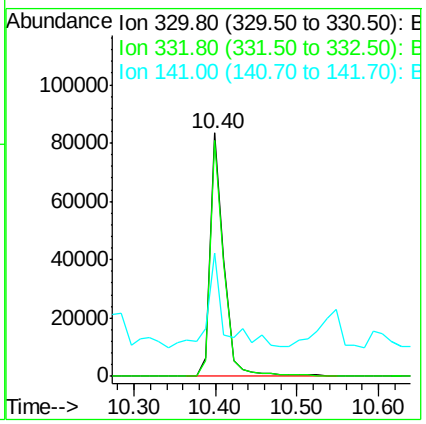


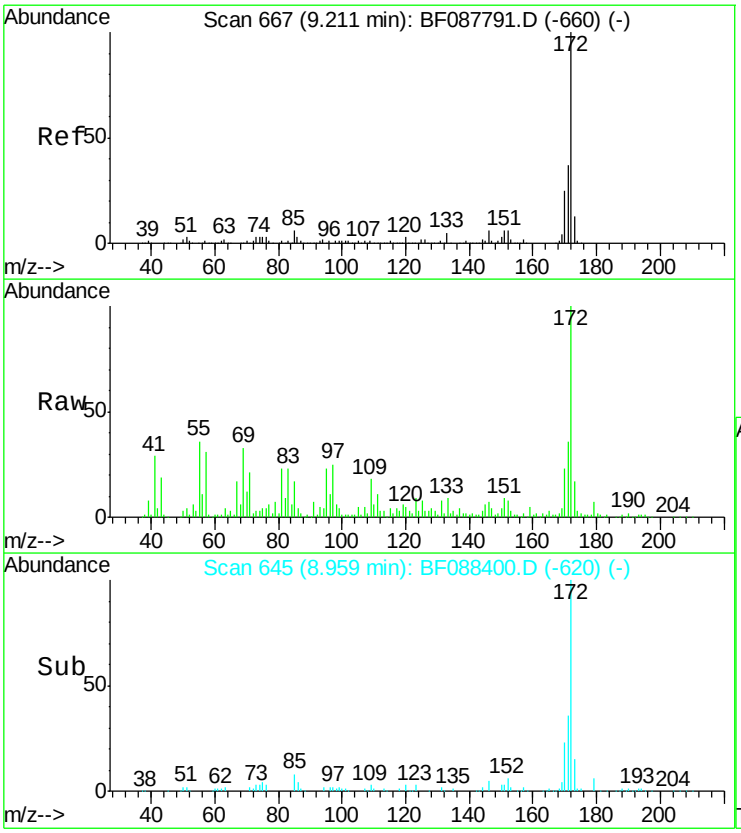
#41
2,4,6-Tribromophenol
Concen: 140.53 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Instrument :
BNA_F
ClientSampleId :
B1GW

Tgt Ion:330 Resp: 98641

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	37.0	0.0	0.0#

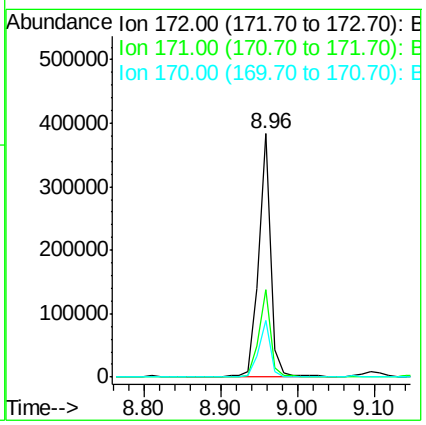


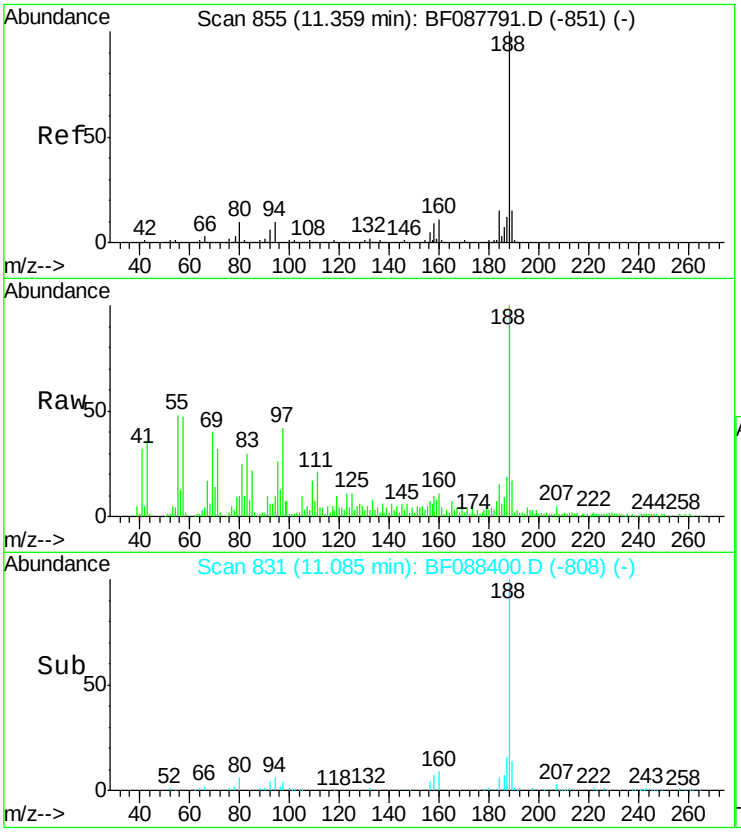


#44
2-Fluorobiphenyl
Concen: 98.62 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Tgt Ion:172 Resp: 413583

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.3	19.2	28.8



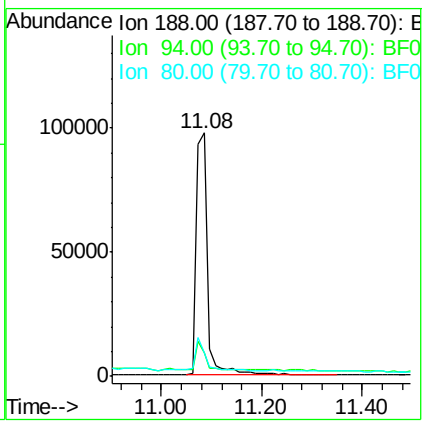


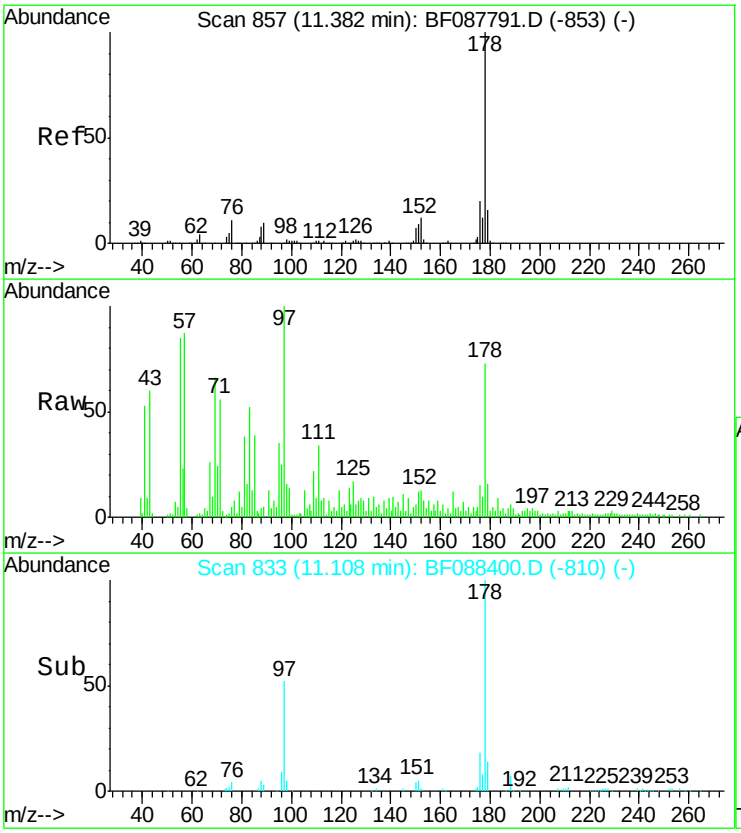
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Instrument :
BNA_F
ClientSampleId :
B1GW

Tgt Ion:188 Resp: 150882

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.6
80	9.7	10.0	15.0#

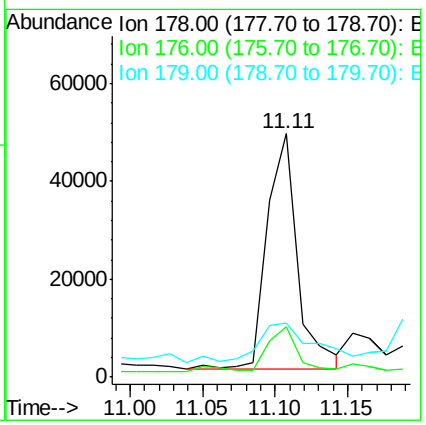


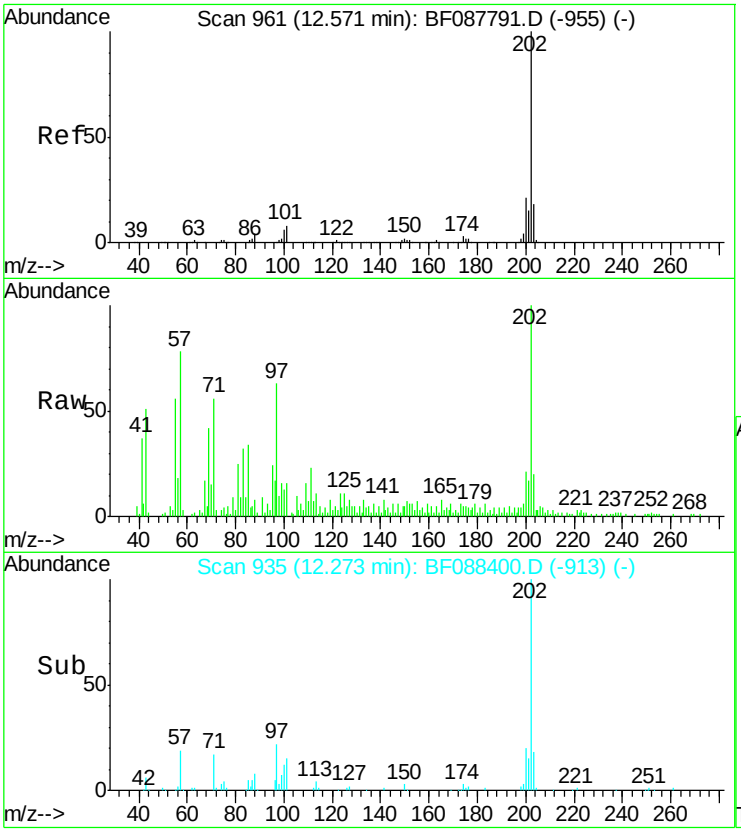


#70
Phenanthrene
Concen: 8.85 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.03 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Tgt Ion:178 Resp: 70057

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	22.1	13.0	19.4#



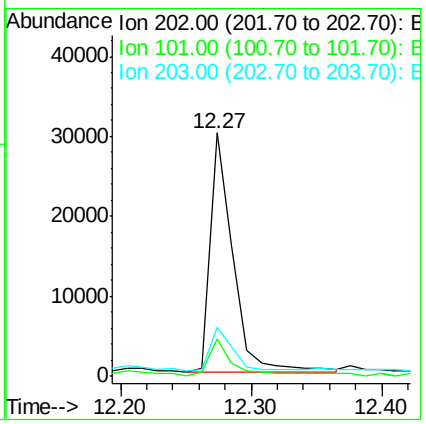


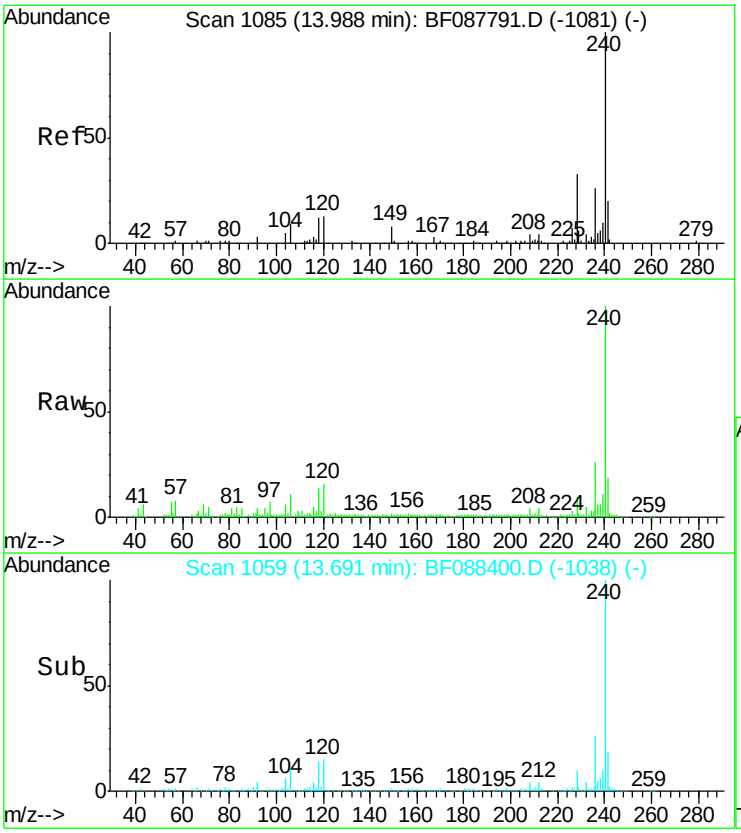
#74
Fluoranthene
Concen: 4.38 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Instrument :
BNA_F
ClientSampleId :
B1GW

Tgt Ion:202 Resp: 36634

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	33.1
203	20.3	0.0	38.1

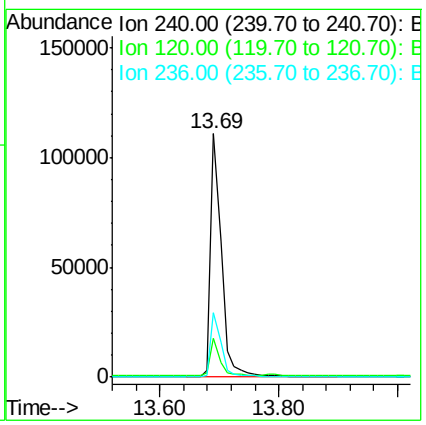


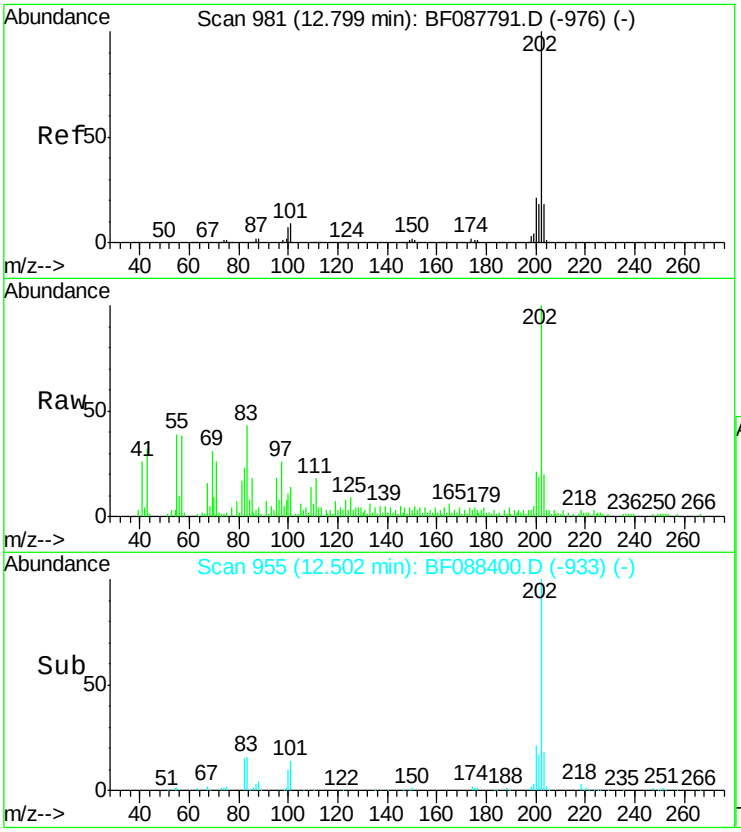


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.06 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Tgt Ion:240 Resp: 140825

Ion	Ratio	Lower	Upper
240	100		
120	16.2	6.8	10.2#
236	26.3	20.2	30.2



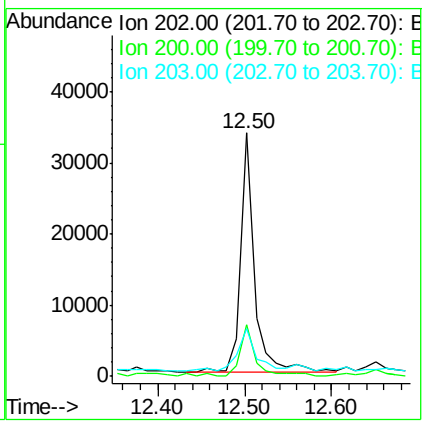


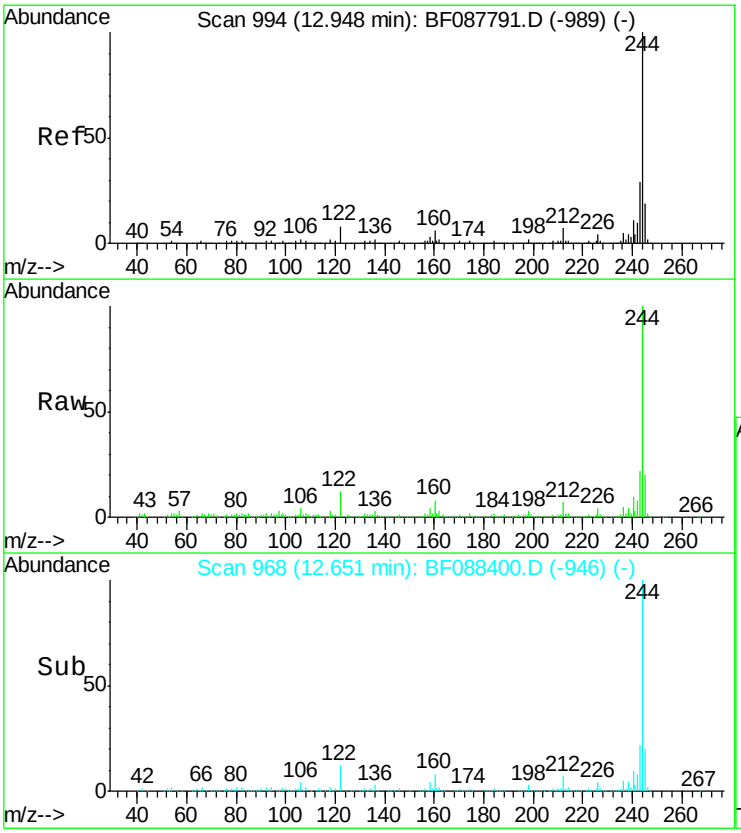
#77
Pyrene
Concen: 3.50 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.05 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Instrument :
BNA_F
ClientSampleId :
B1GW

Tgt Ion:202 Resp: 36577

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	19.5	14.5	21.7

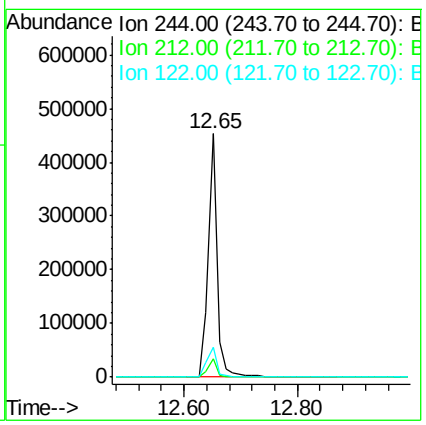


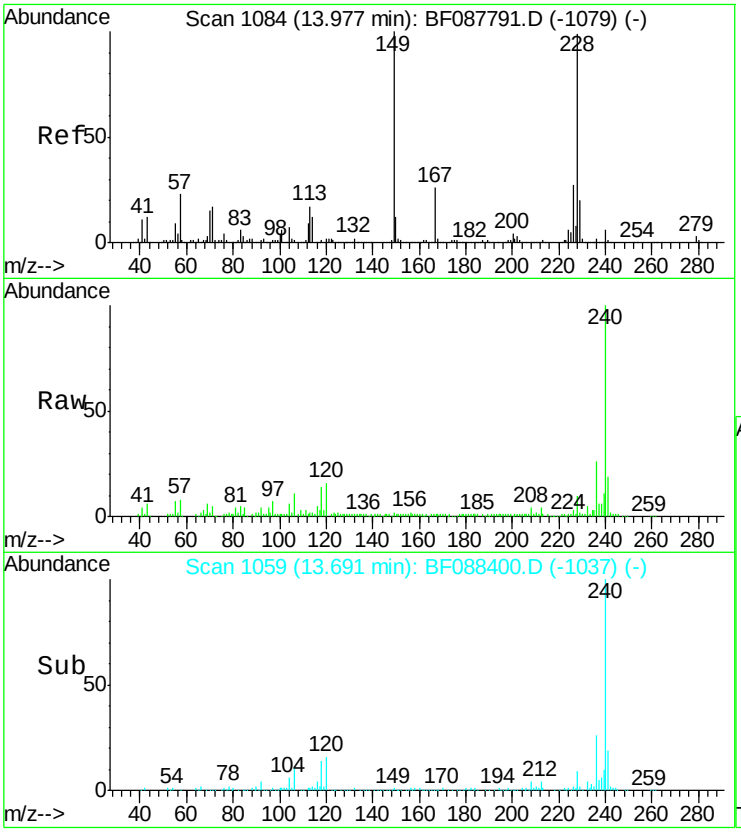


#78
Terphenyl-d14
Concen: 75.80 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.05 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Tgt Ion:244 Resp: 469101

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.1	11.2	16.8



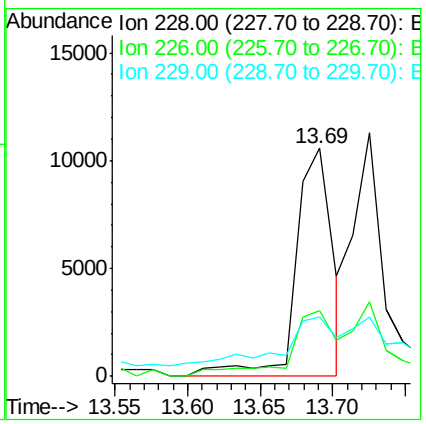


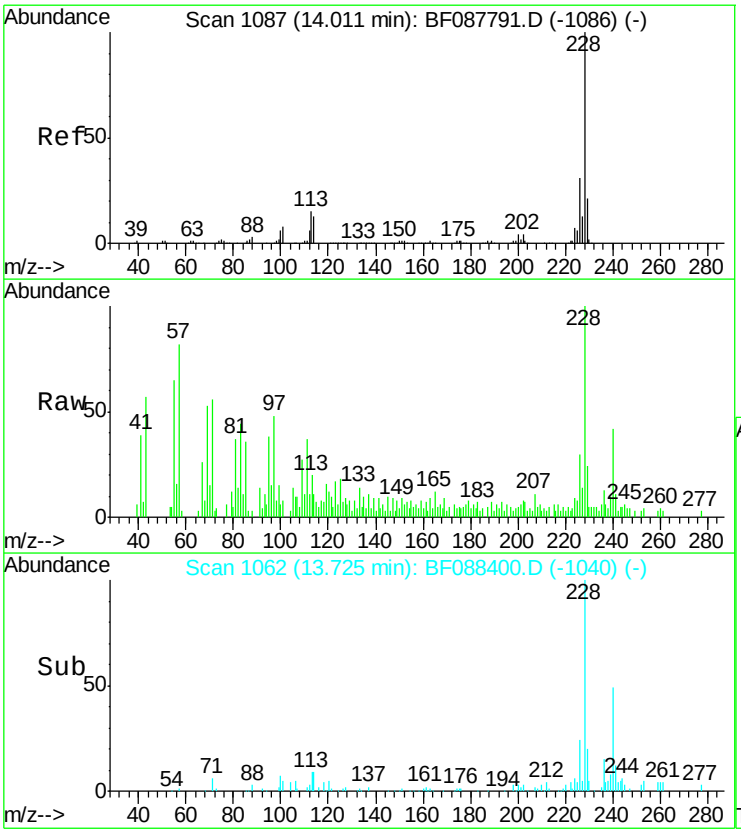
#80
Benzo(a)anthracene
Concen: 2.31 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.05 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Instrument :
BNA_F
ClientSampleId :
B1GW

Tgt Ion:228 Resp: 18527

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	26.0	16.0	24.0#

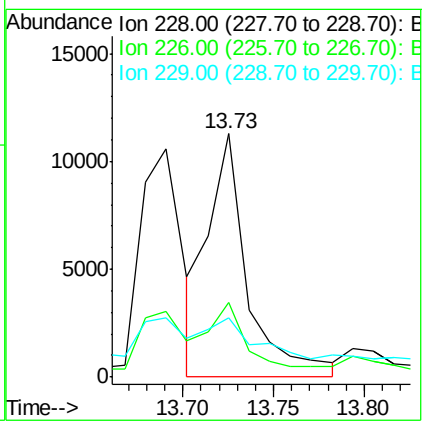


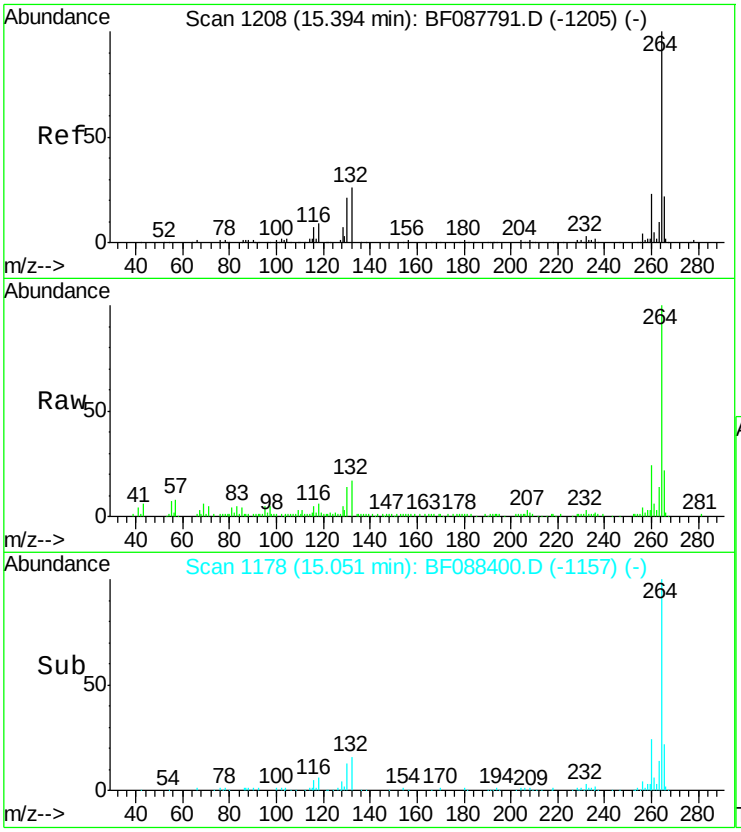


#82
Chrysene
Concen: 2.28 ng m
RT: 13.73 min Scan# 1062
Delta R.T. -0.05 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Tgt Ion:228 Resp: 17194

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	24.2	16.3	24.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088400.D
Acq: 26 Jun 2016 4:36

Instrument :
BNA_F
ClientSampleId :
B1GW

Tgt Ion:264 Resp: 113139

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	16.9	25.3