Quantitation Report (LSC Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083823.D
Acq On : 15 Dec 2015 17:27
Operator : UM/IZ
Sample : G4739-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K211-0-2

Quant Time: Dec 16 04:51:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	93521	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	362868	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	137062	20.00	ng		-0.02
63) Phenanthrene-d10	11.42	188	229094	20.00	ng		-0.02
75) Chrysene-d12	14.05	240	201507	20.00	ng		-0.02
86) Perylene-d12	15.51	264	150863	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	627831	108.30	ng		-0.01
7) Phenol-d6	6.53	99	726744	98.99	ng		-0.01
23) Nitrobenzene-d5	7.46	82	443861	68.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	145566	104.23	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	706424	72.19	ng		-0.02
78) Terphenyl-d14	13.00	244	443378	47.33	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	9.65	163	94499	8.84	ng		100
70) Phenanthrene	11.45	178	69817	5.74	ng		98
74) Fluoranthene	12.64	202	120096	9.55	ng		97
77) Pyrene	12.87	202	121635	7.64	ng		98
79) Butylbenzylphthalate	13.48	149	35000	5.12	ng		89
80) Benzo(a)anthracene	14.04	228	65707	5.73	ng		94
82) Chrysene	14.08	228	48188m	4.31	ng		
85) Indeno(1,2,3-cd)pyrene	16.92	276	24773	2.26	ng	#	100
87) Benzo(b)fluoranthene	15.08	252	56024m	5.82	ng		
88) Benzo(k)fluoranthene	15.09	252	24465m	2.81	ng		
89) Benzo(a)pyrene	15.44	252	38305	4.46	ng	#	94
91) Benzo(g,h,i)perylene	17.36	276	26512	3.02	ng		96

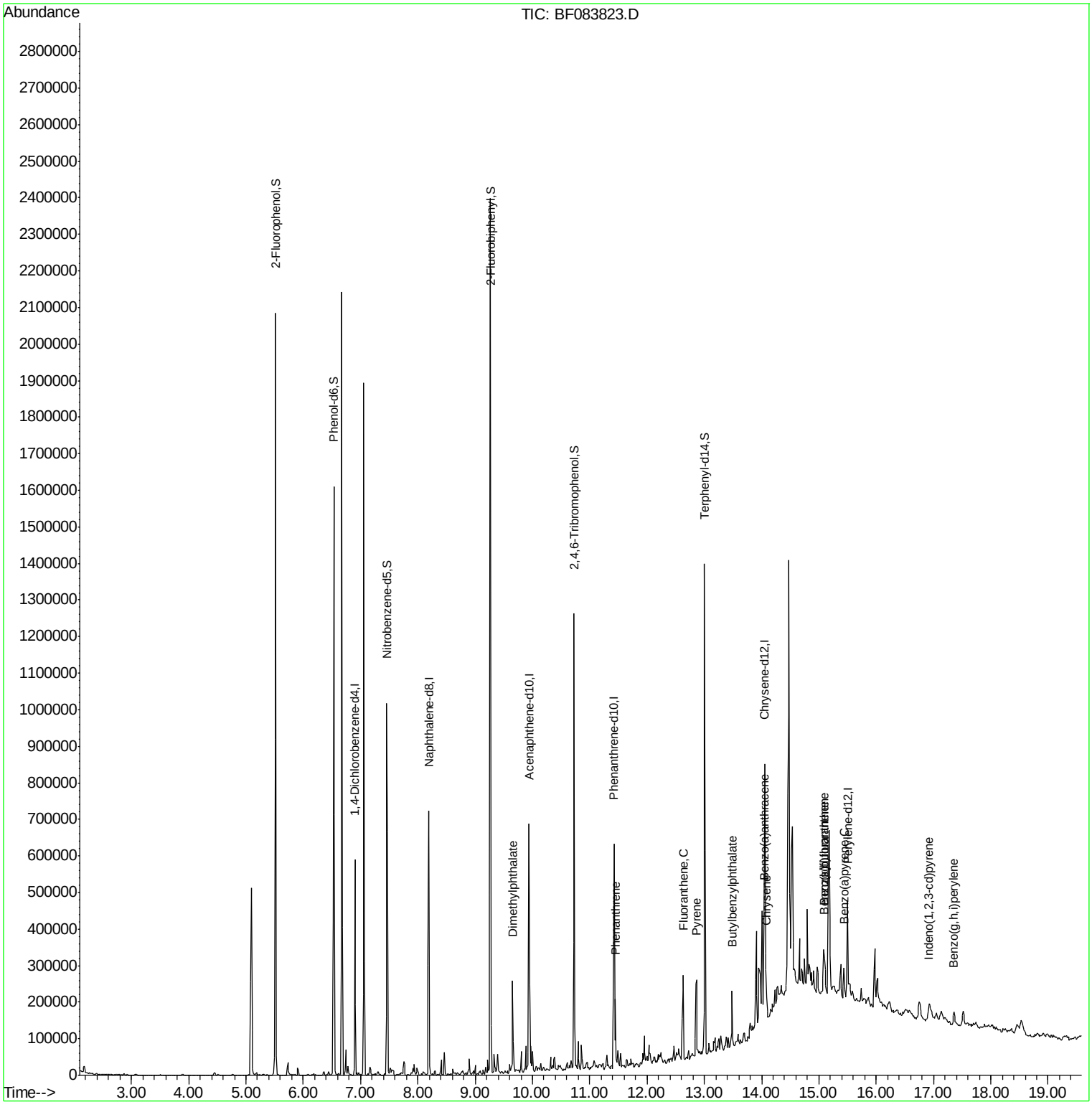
(#) = qualifier out of range (m) = manual integration (+) = signals summed

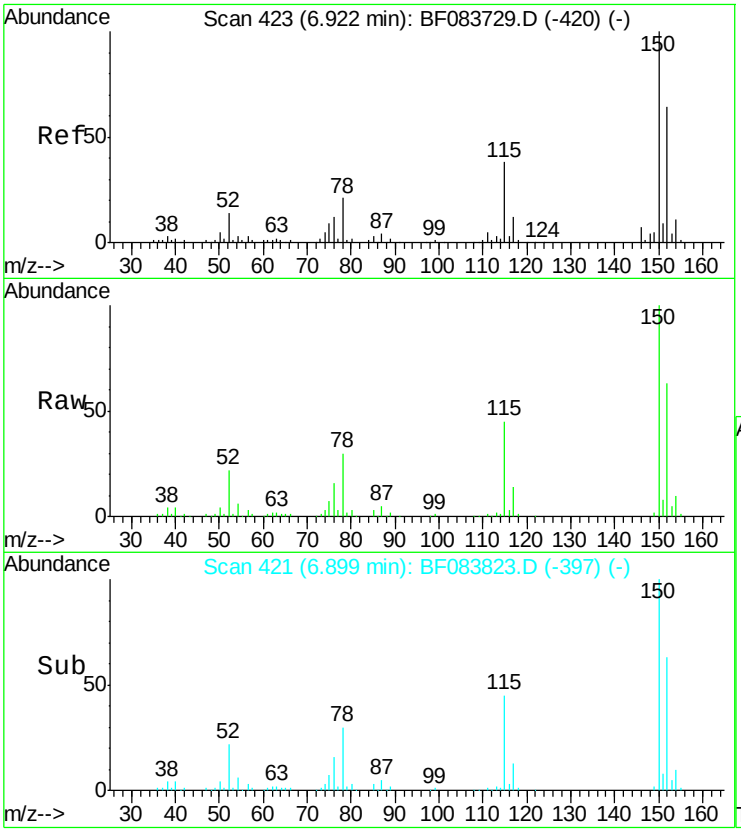
Quantitation Report (LSC Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083823.D
Acq On : 15 Dec 2015 17:27
Operator : UM/IZ
Sample : G4739-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K211-0-2

Quant Time: Dec 16 04:51:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration



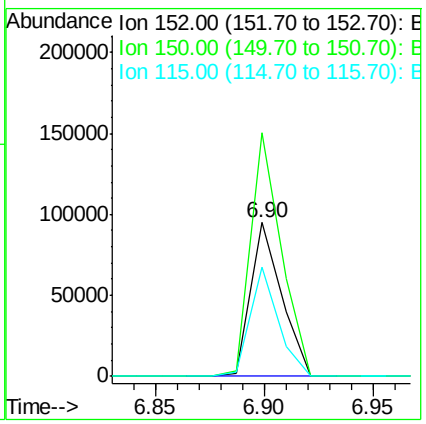


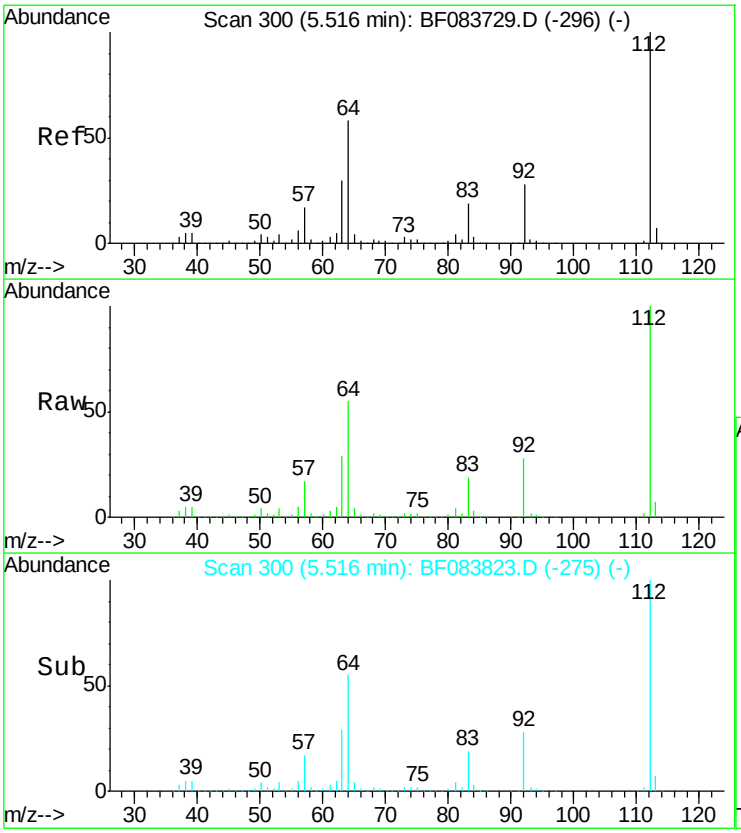
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Instrument :
BNA_F
ClientSampleId :
K211-0-2

Tgt Ion:152 Resp: 93521

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.5	189.7
115	71.5	52.3	78.5

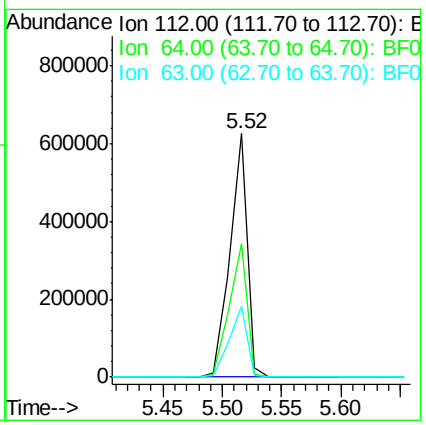


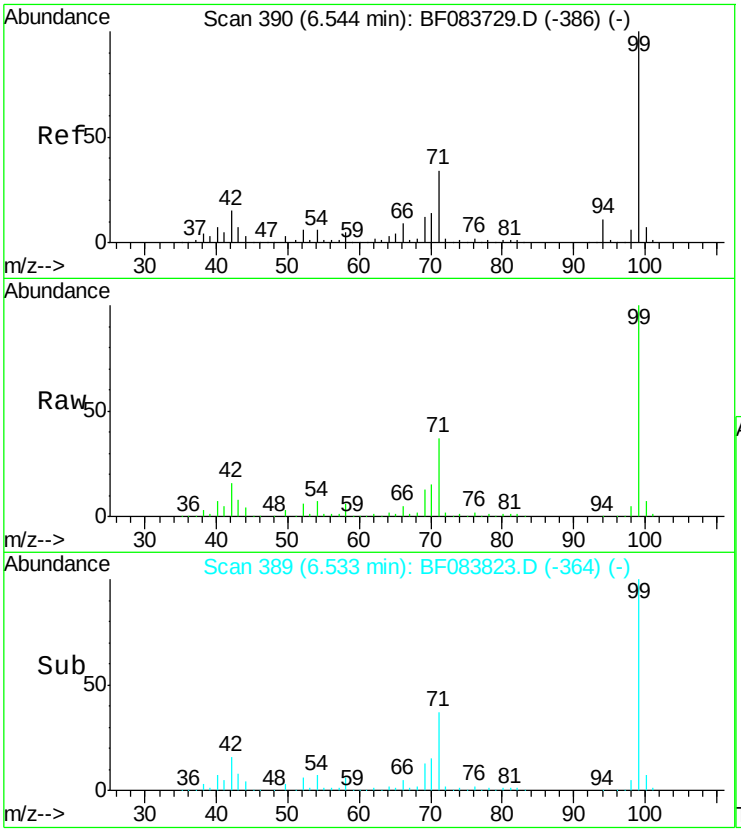


#5
2-Fluorophenol
Concen: 108.30 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Tgt Ion:112 Resp: 627831

Ion	Ratio	Lower	Upper
112	100		
64	55.1	50.5	75.7
63	28.9	25.8	38.6



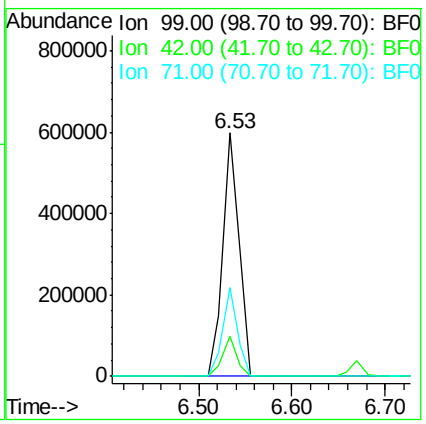


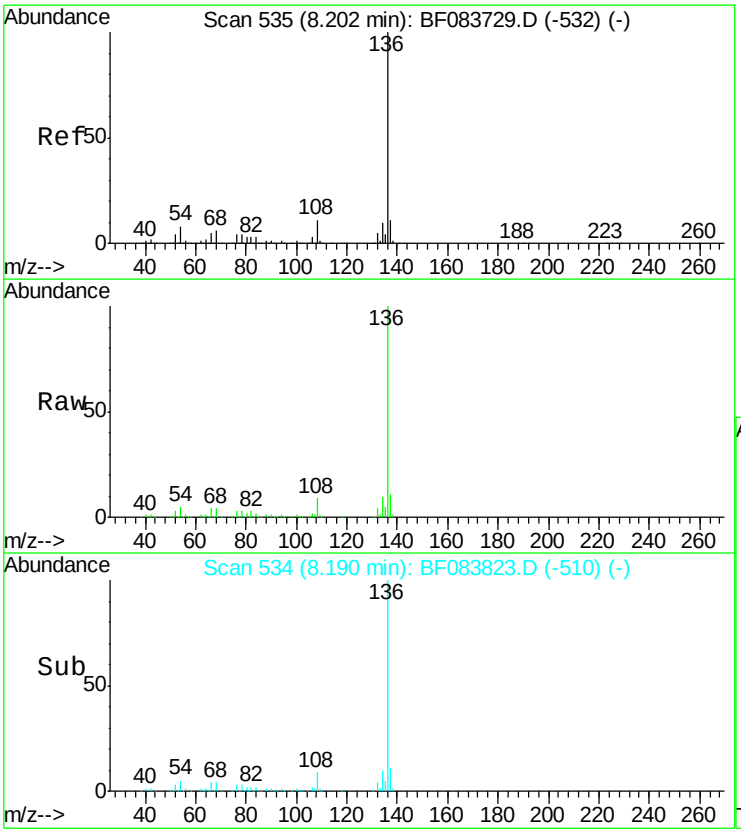
#7
Phenol-d6
Concen: 98.99 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Instrument :
BNA_F
ClientSampleId :
K211-0-2

Tgt Ion: 99 Resp: 726744

Ion	Ratio	Lower	Upper
99	100		
42	16.3	17.3	25.9#
71	36.5	26.6	40.0

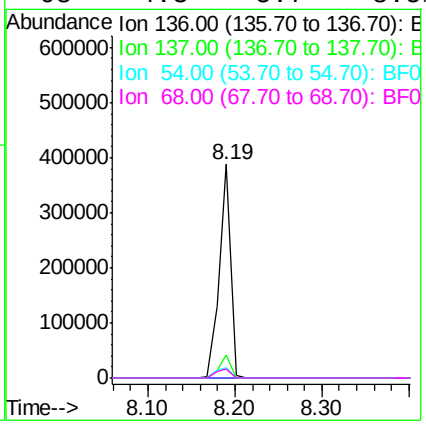


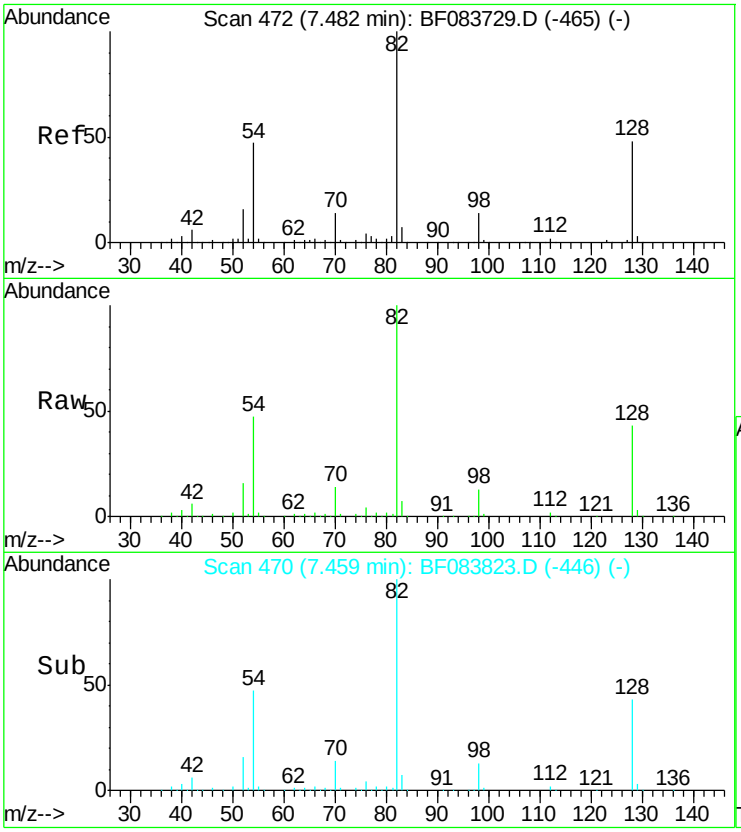


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Tgt Ion:136 Resp: 362868

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	5.1	7.8	11.6#
68	4.3	5.7	8.5#



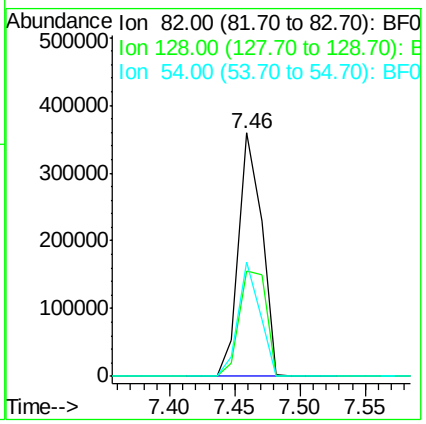


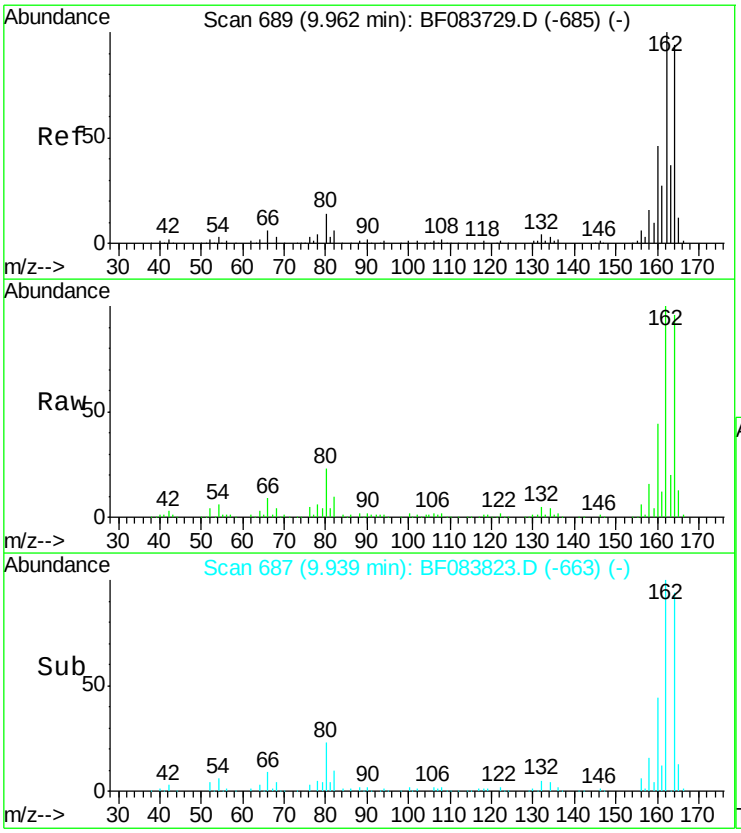
#23
Nitrobenzene-d5
Concen: 68.43 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Instrument :
BNA_F
ClientSampleId :
K211-0-2

Tgt Ion: 82 Resp: 443861

Ion	Ratio	Lower	Upper
82	100		
128	43.5	30.7	46.1
54	47.1	42.5	63.7

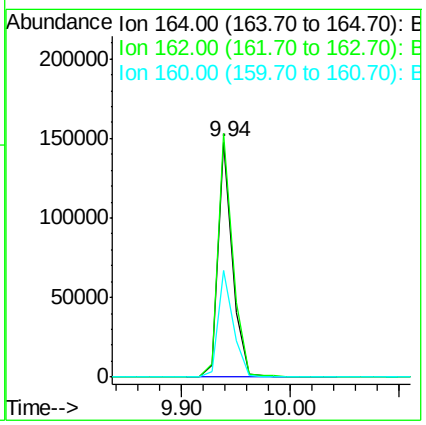


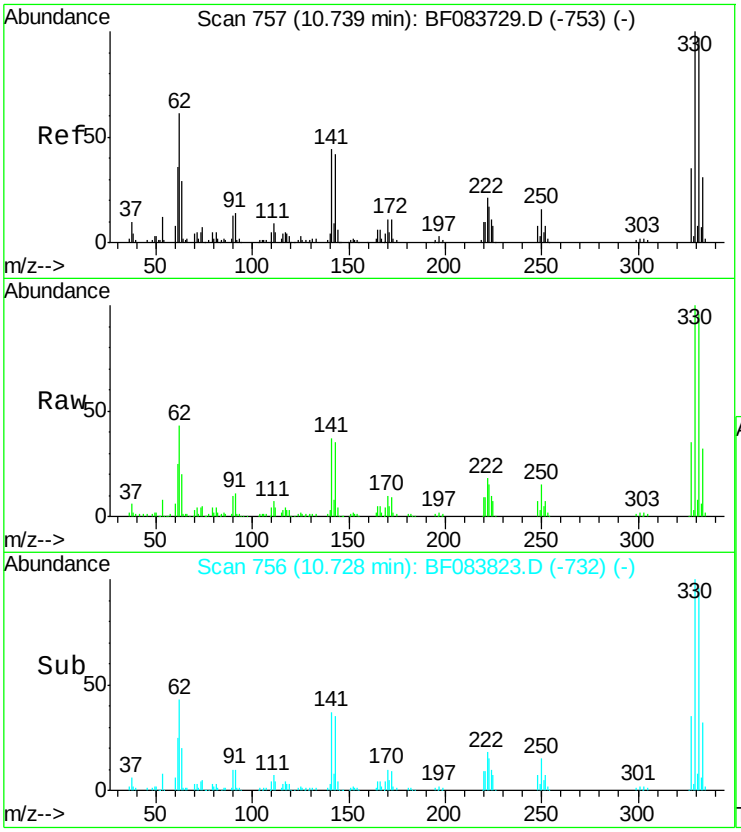


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Tgt Ion:164 Resp: 137062

Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	45.5	33.4	50.2



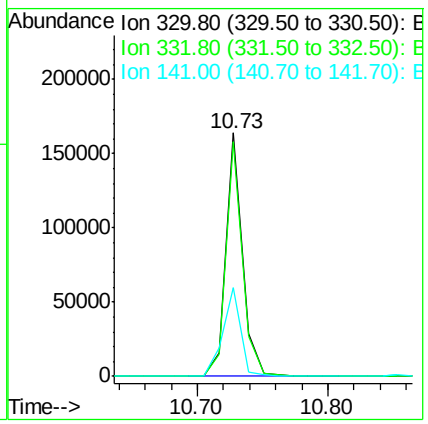


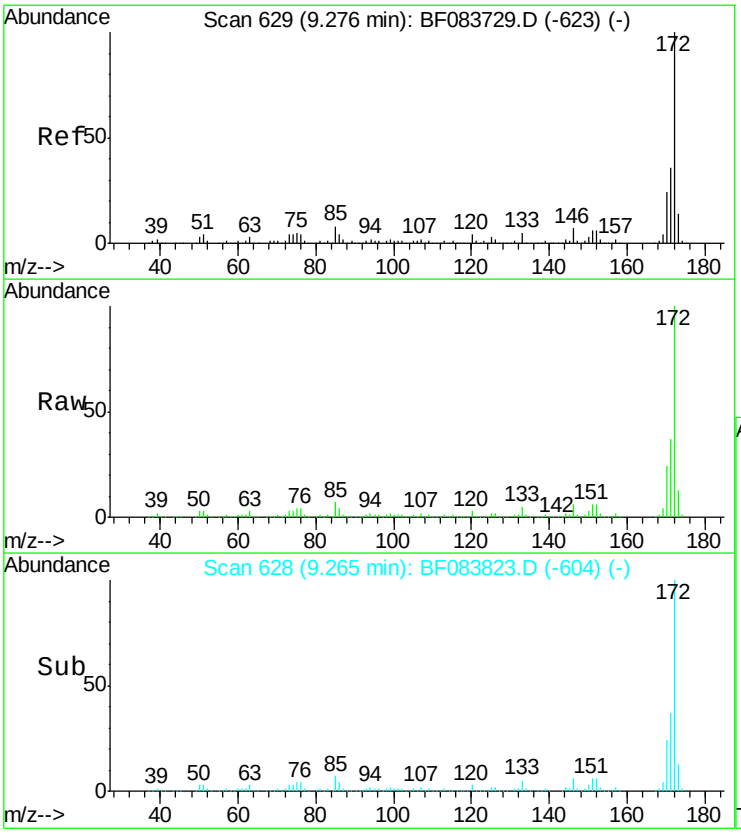
#41
2,4,6-Tribromophenol
Concen: 104.23 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Instrument :
BNA_F
ClientSampleId :
K211-0-2

Tgt Ion:330 Resp: 145566

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	40.6	0.0	0.0#

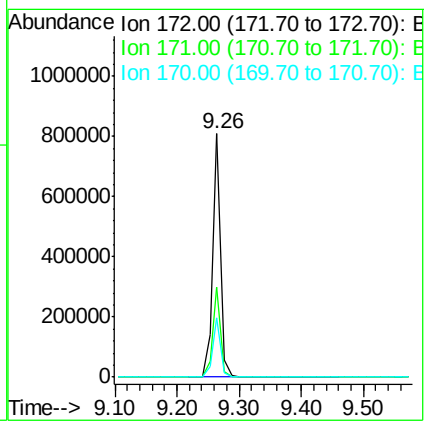


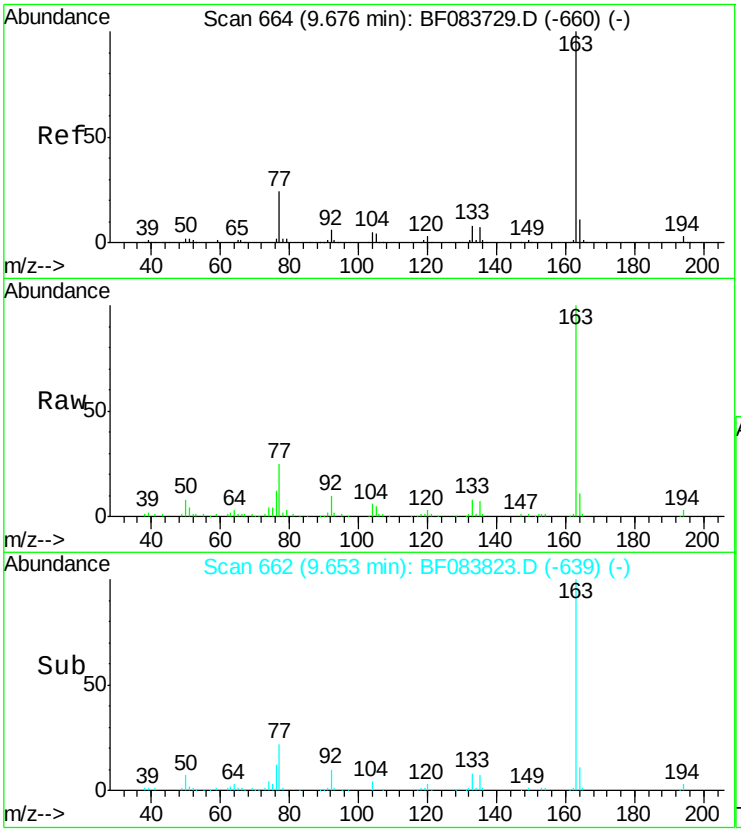


#44
2-Fluorobiphenyl
Concen: 72.19 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Tgt Ion:172 Resp: 706424

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	24.2	19.4	29.0



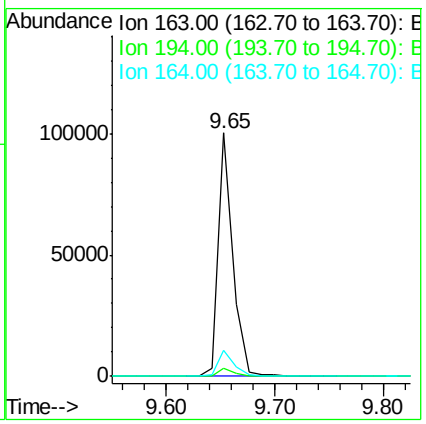


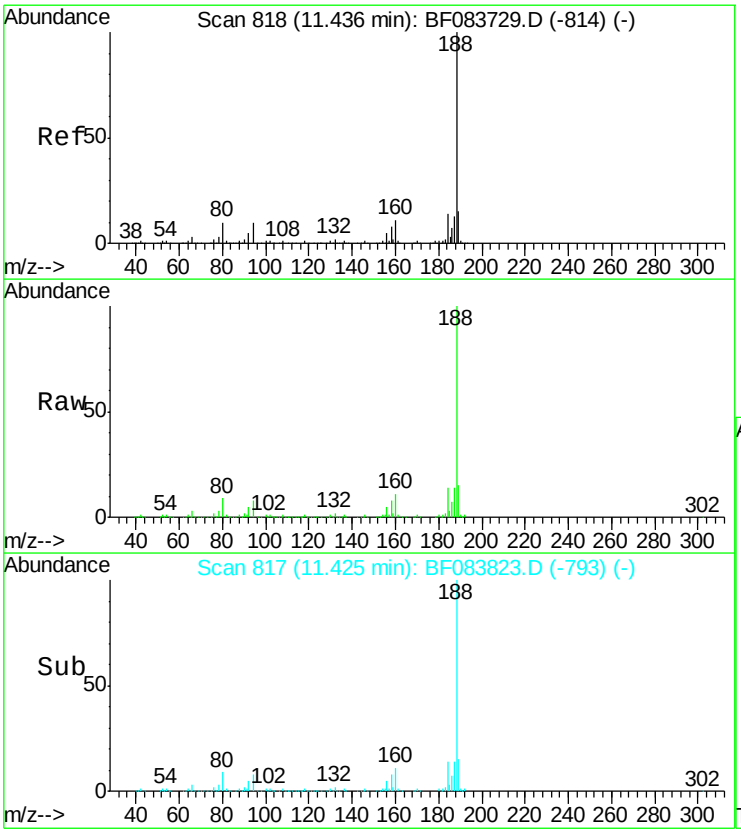
#49
Dimethylphthalate
Concen: 8.84 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Instrument :
BNA_F
ClientSampleId :
K211-0-2

Tgt Ion:163 Resp: 94499

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.7	8.6	13.0

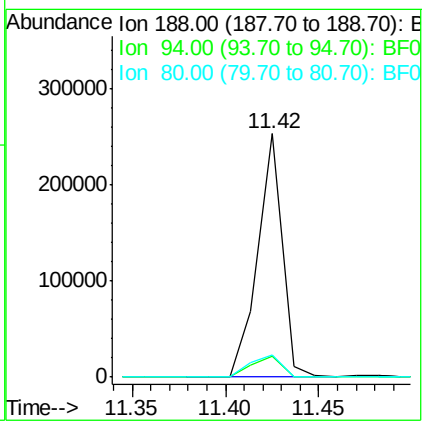


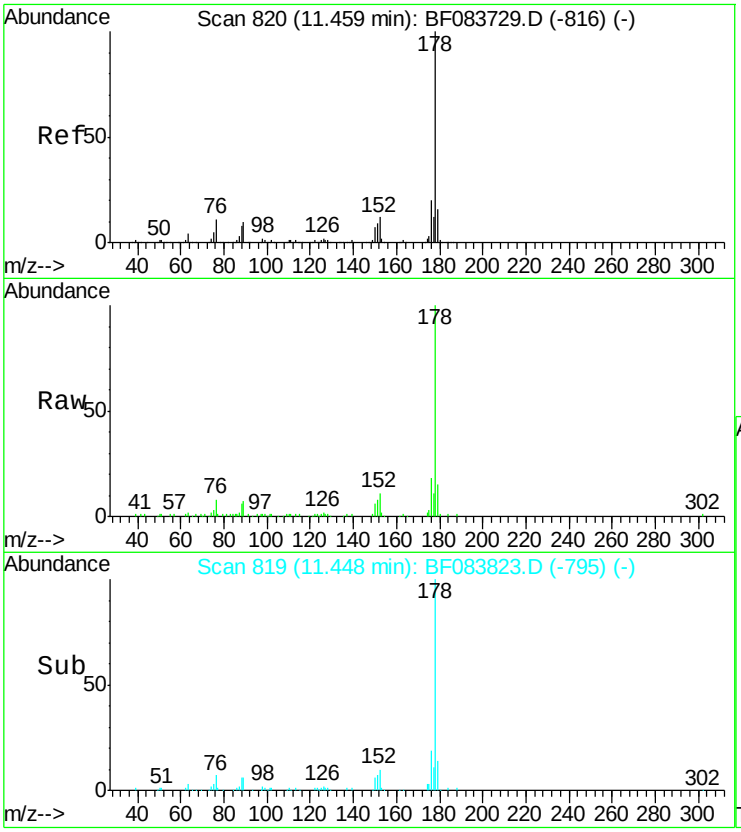


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Tgt Ion:188 Resp: 229094

Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.4	14.2#
80	8.9	10.6	16.0#



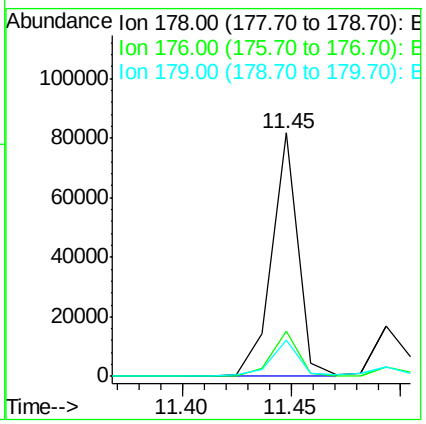


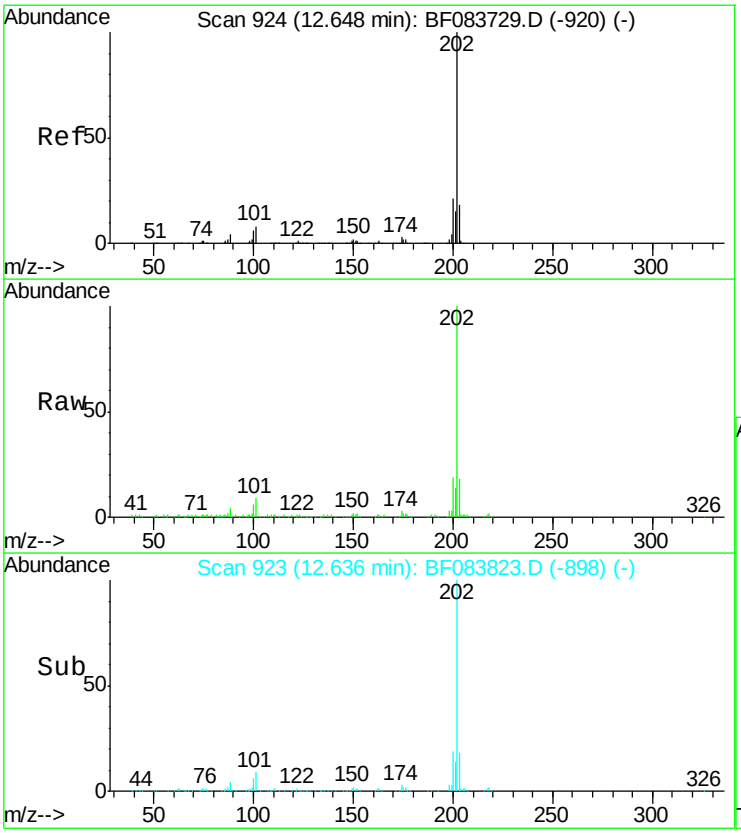
#70
Phenanthrene
Concen: 5.74 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Instrument :
BNA_F
ClientSampleId :
K211-0-2

Tgt Ion:178 Resp: 69817

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.7	23.5
179	14.9	12.2	18.4

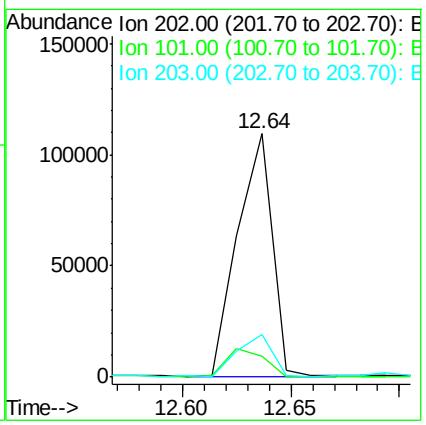


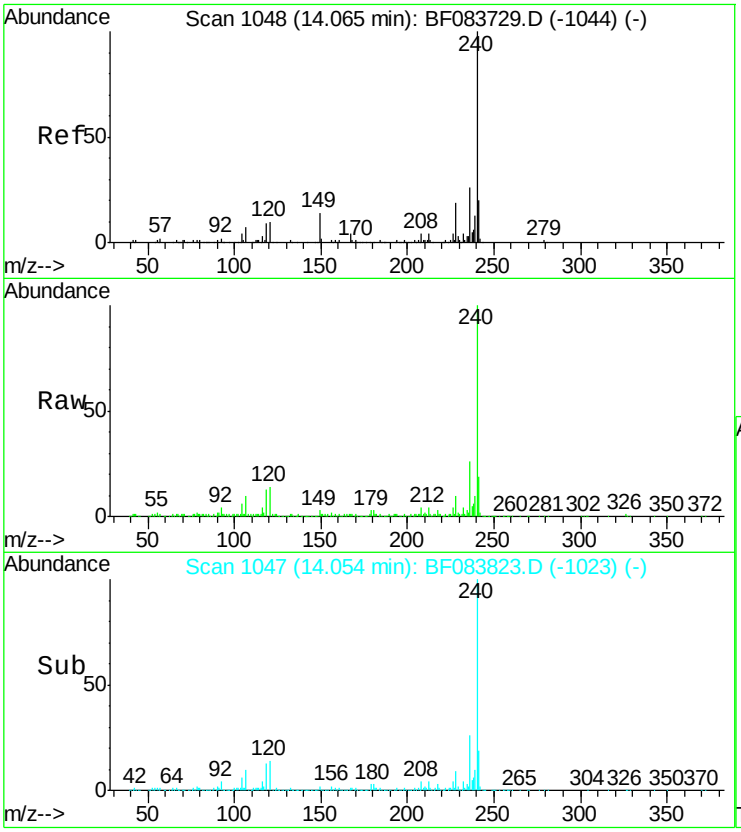


#74
Fluoranthene
Concen: 9.55 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Tgt Ion:202 Resp: 120096

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	31.5
203	17.5	0.0	37.6



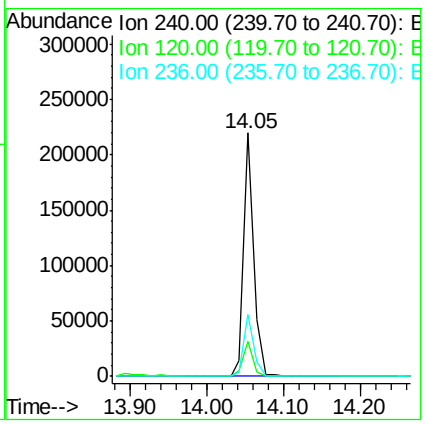


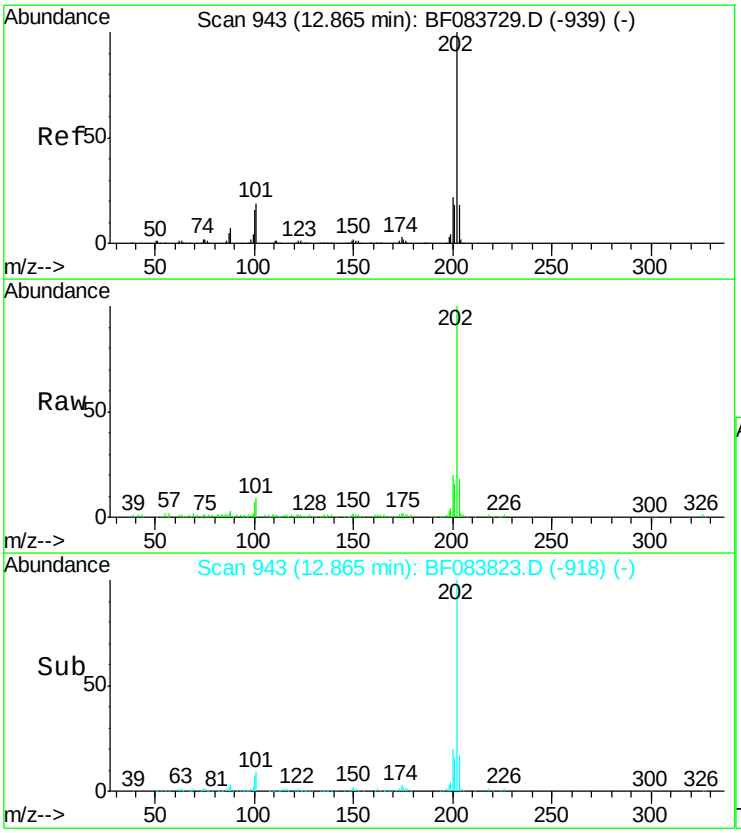
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Instrument :
BNA_F
ClientSampleId :
K211-0-2

Tgt Ion:240 Resp: 201507

Ion	Ratio	Lower	Upper
240	100		
120	14.2	8.1	12.1#
236	25.6	20.8	31.2

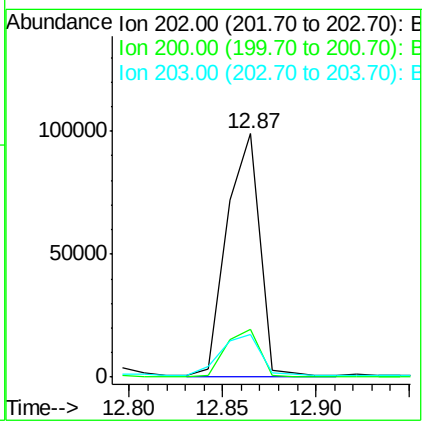


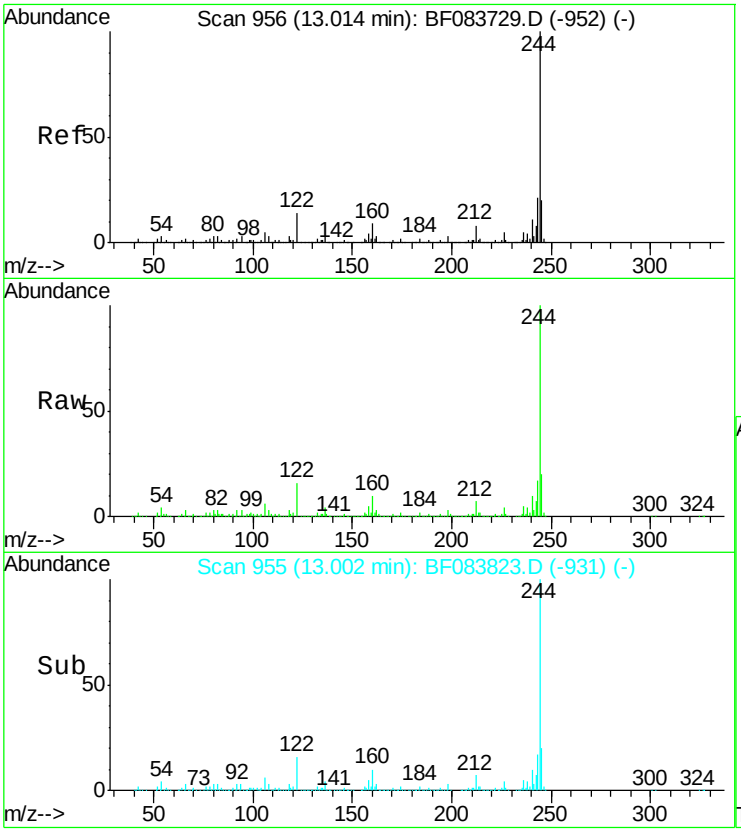


#77
Pyrene
Concen: 7.64 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Tgt Ion:202 Resp: 121635

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.7	25.1
203	17.7	14.3	21.5



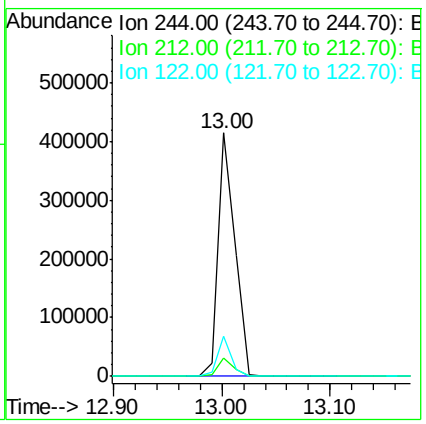


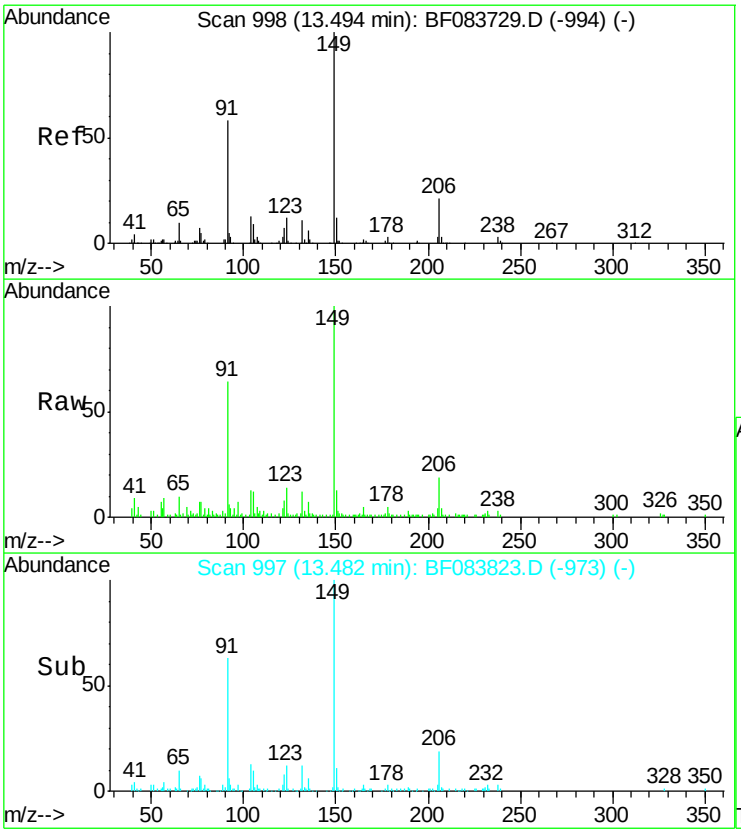
#78
Terphenyl-d14
Concen: 47.33 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Instrument :
BNA_F
ClientSampleId :
K211-0-2

Tgt Ion:244 Resp: 443378

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	16.3	11.0	16.6

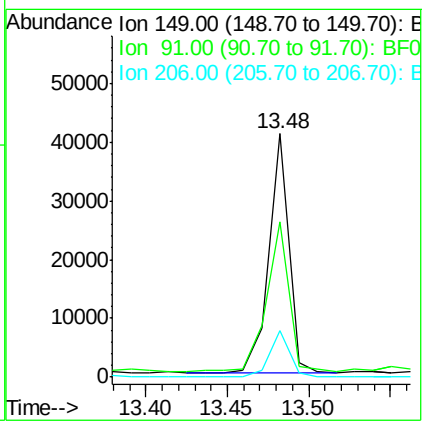


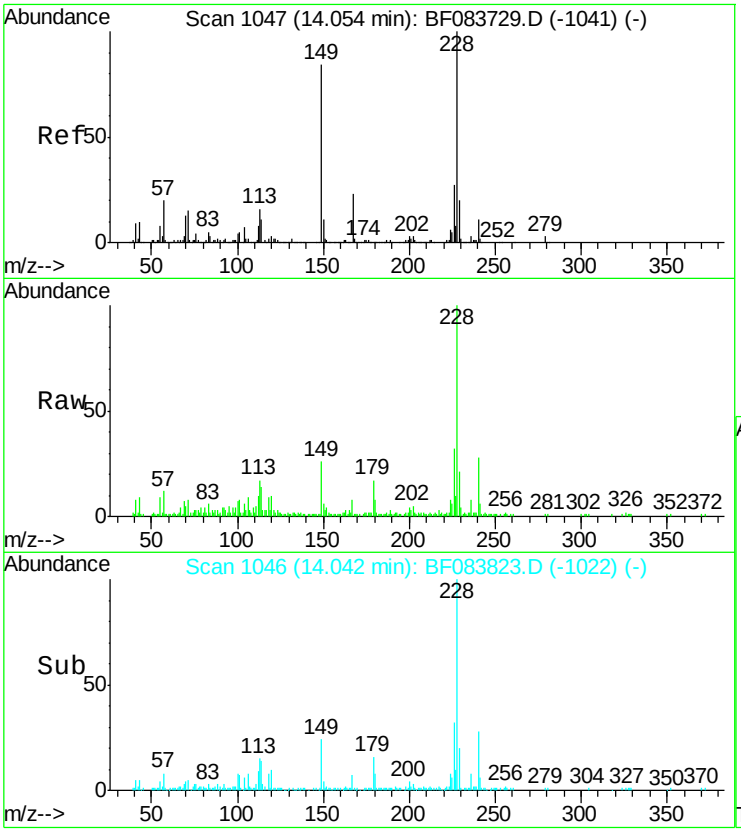


#79
Butylbenzylphthalate
Concen: 5.12 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Tgt Ion:149 Resp: 35000

Ion	Ratio	Lower	Upper
149	100		
91	63.8	60.0	90.0
206	19.0	16.2	24.4



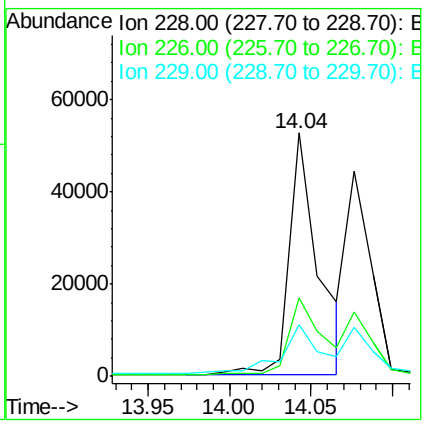


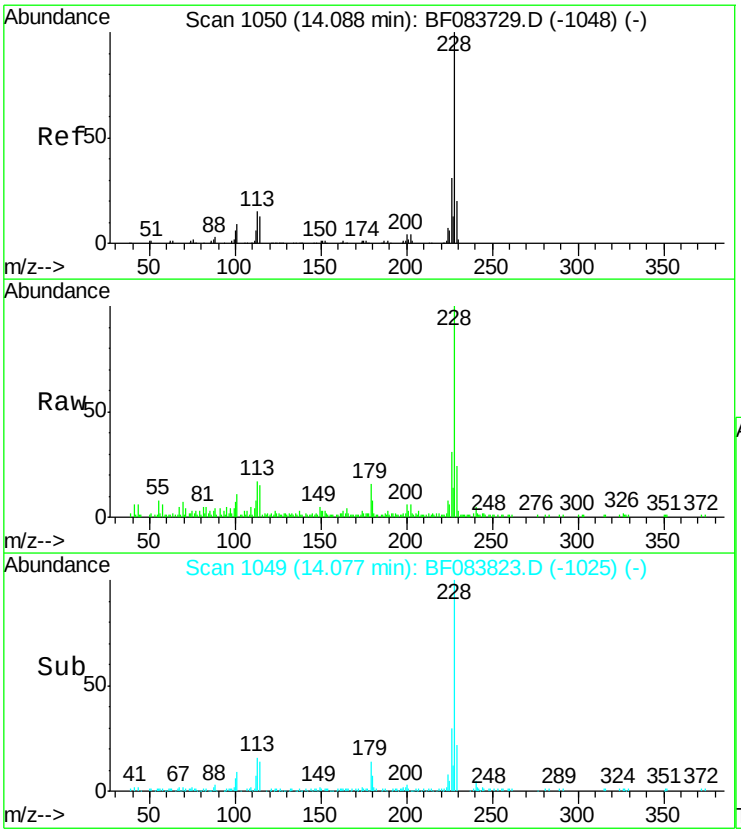
#80
Benzo(a)anthracene
Concen: 5.73 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Instrument :
BNA_F
ClientSampleId :
K211-0-2

Tgt Ion:228 Resp: 65707

Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.3	33.5
229	21.1	15.7	23.5

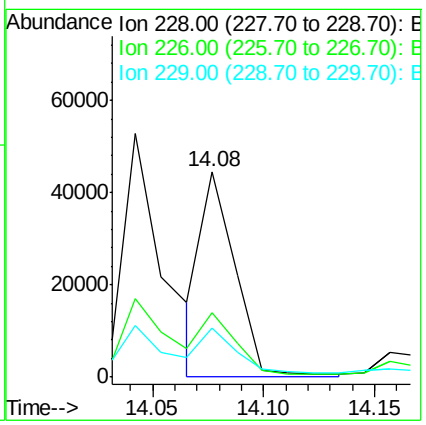


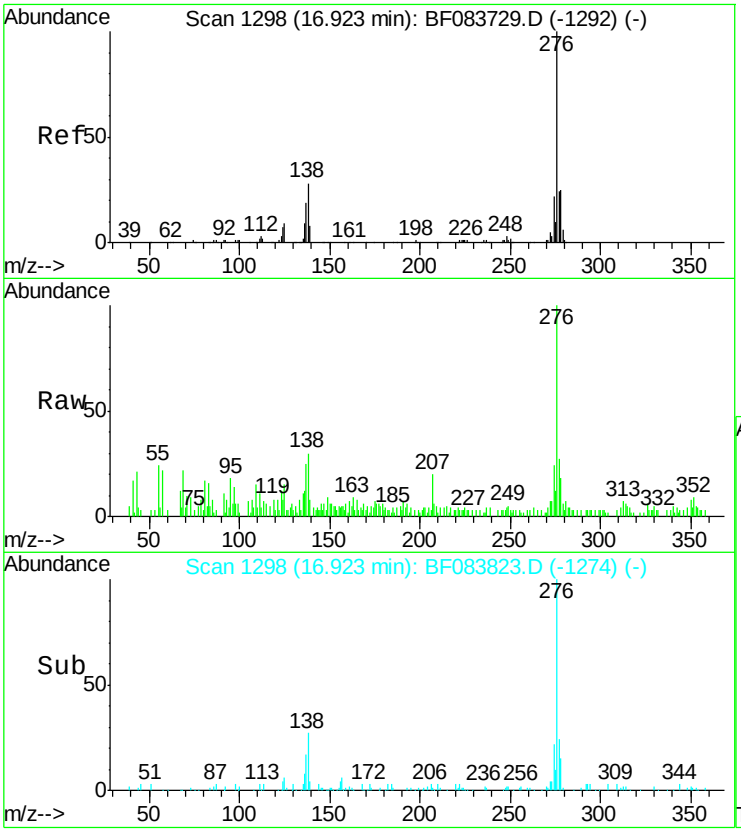


#82
Chrysene
Concen: 4.31 ng m
RT: 14.08 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Tgt Ion:228 Resp: 48188

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	24.1	16.3	24.5



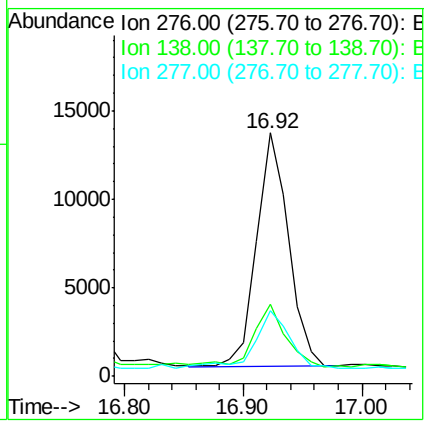


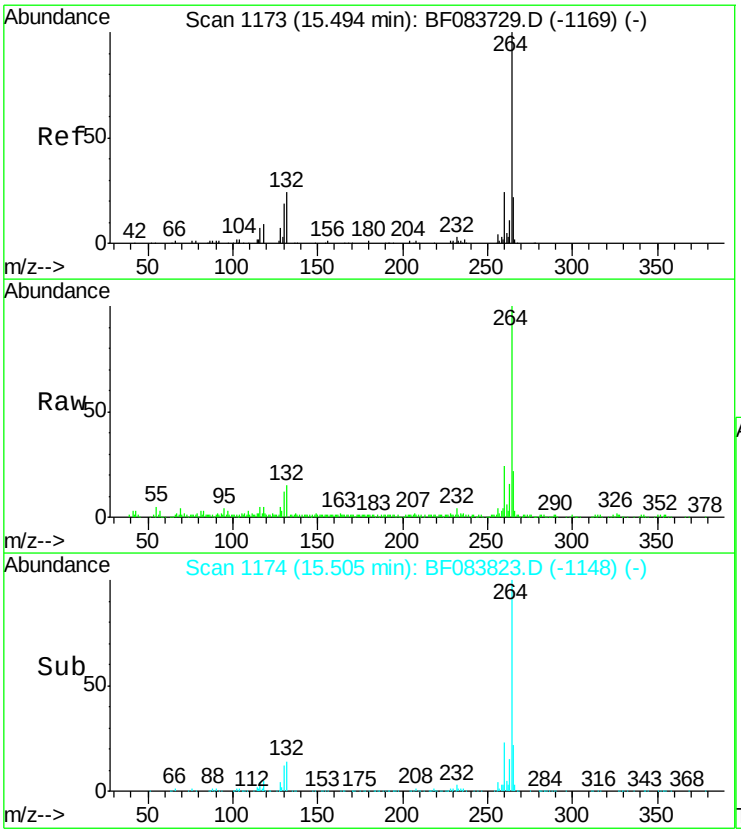
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.26 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Instrument :
BNA_F
ClientSampleId :
K211-0-2

Tgt Ion:276 Resp: 24773

Ion	Ratio	Lower	Upper
276	100		
138	26.6	0.0	0.0#
277	30.7	0.0	0.0#

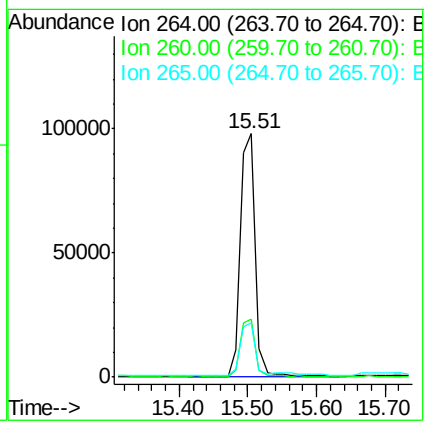


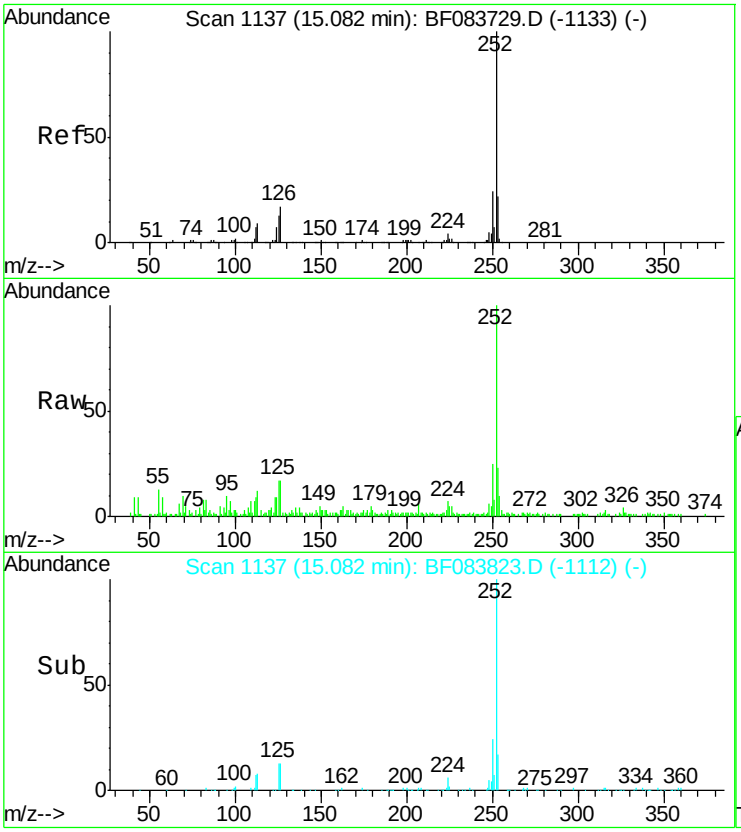


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Tgt Ion:264 Resp: 150863

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.2	17.8	26.6



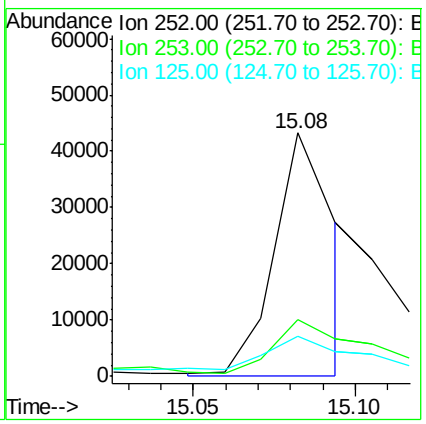


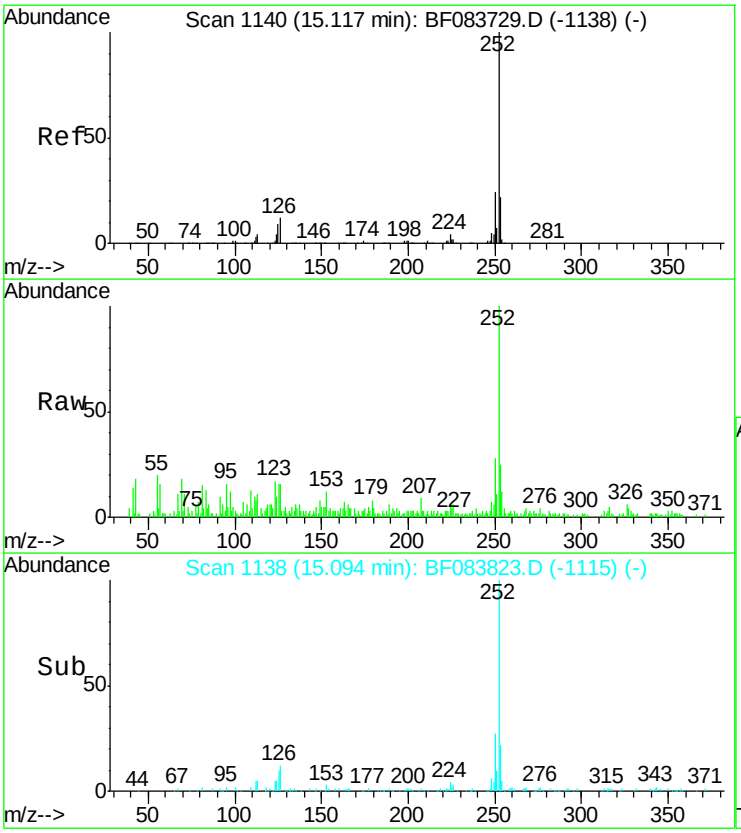
#87
Benzo(b)fluoranthene
Concen: 5.82 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Instrument :
BNA_F
ClientSampleId :
K211-0-2

Tgt Ion:252 Resp: 56024

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	16.5	8.2	12.4#

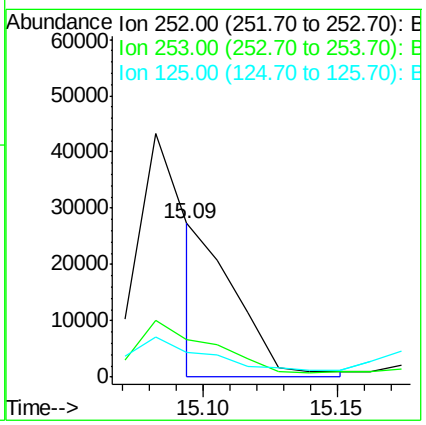


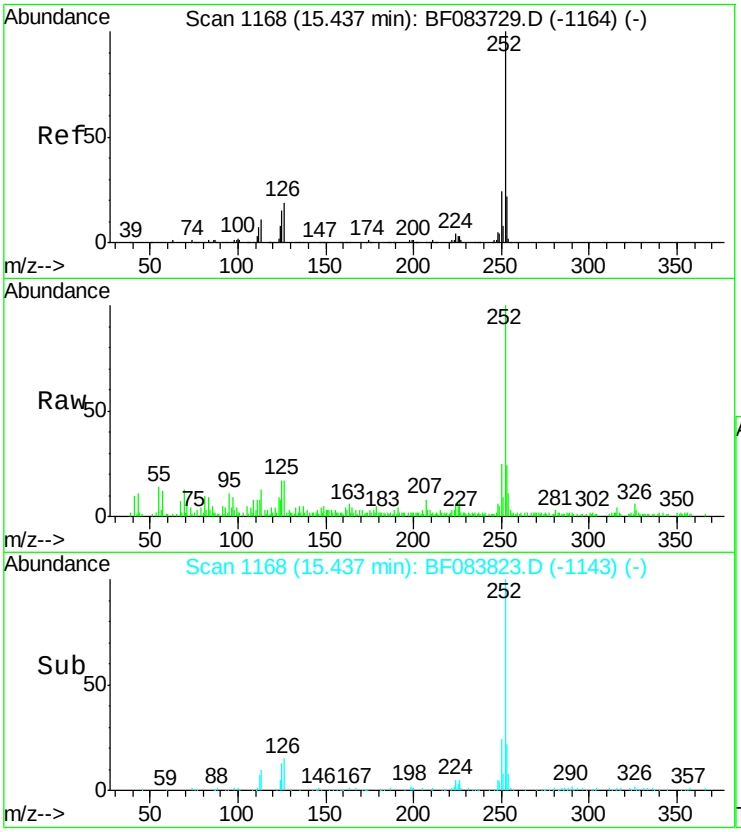


#88
Benzo(k)fluoranthene
Concen: 2.81 ng m
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Tgt Ion:252 Resp: 24465

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.6	27.8
125	16.0	11.5	17.3



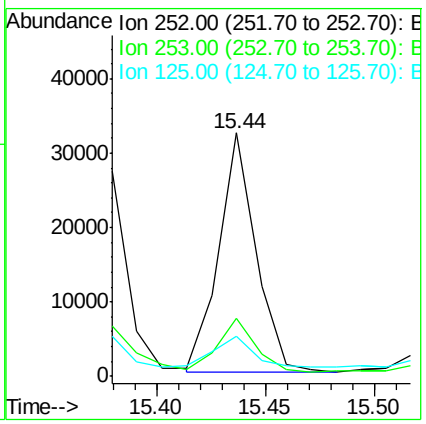


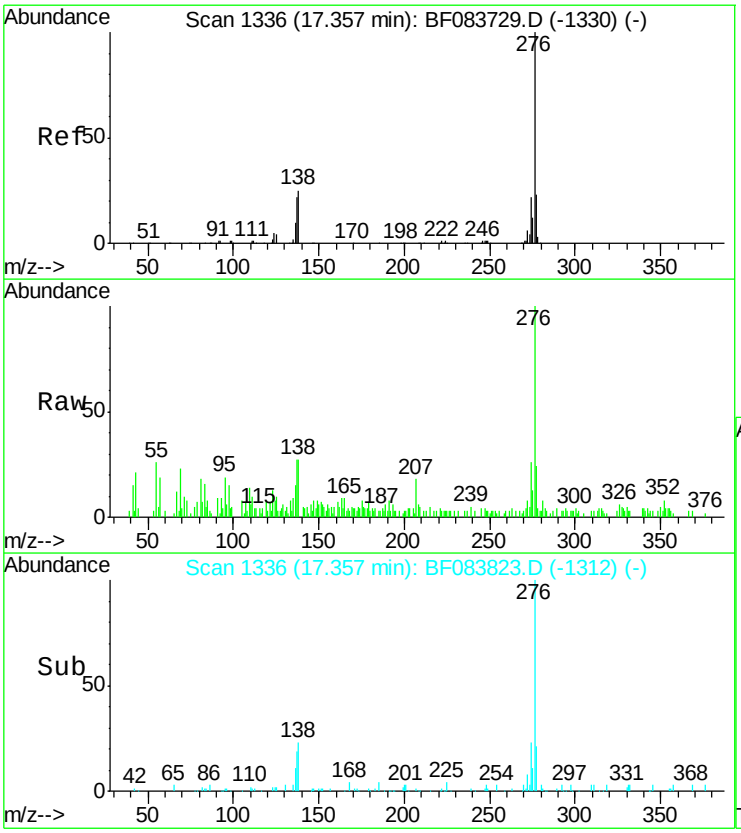
#89
Benzo(a)pyrene
Concen: 4.46 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Instrument :
BNA_F
ClientSampleId :
K211-0-2

Tgt Ion:252 Resp: 38305

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	16.7	11.0	16.6#





#91
Benzo(g,h,i)perylene
Concen: 3.02 ng
RT: 17.36 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF083823.D
Acq: 15 Dec 2015 17:27

Tgt Ion:276 Resp: 26512

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	27.5	19.5	29.3