Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081599.D
Acq On : 12 Sep 2015 00:14
Operator : UM/IZ
Sample : G3526-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13(0-0.16)

Quant Time: Sep 12 01:09:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 23:14:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	58022	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	231825	20.00	ng		-0.01
38) Acenaphthene-d10	15.28	164	105047	20.00	ng		-0.01
63) Phenanthrene-d10	18.79	188	188208	20.00	ng		0.00
75) Chrysene-d12	23.40	240	116678	20.00	ng		-0.01
86) Perylene-d12	24.84	264	106652	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	339795	90.86	ng		0.02
7) Phenol-d6	7.67	99	500529	101.11	ng		-0.01
23) Nitrobenzene-d5	9.54	82	331494	68.99	ng		-0.01
41) 2,4,6-Tribromophenol	17.18	330	77739	83.11	ng		-0.02
44) 2-Fluorobiphenyl	13.80	172	518595	63.26	ng		-0.01
78) Terphenyl-d14	22.13	244	316626	63.17	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.85	163	95139	11.66	ng	#	97
70) Phenanthrene	18.84	178	34473	3.29	ng		94
74) Fluoranthene	21.44	202	58466	5.16	ng		89
77) Pyrene	21.80	202	53774	6.22	ng		98
80) Benzo(a)anthracene	23.38	228	30849	4.15	ng	#	90
82) Chrysene	23.42	228	23892	3.59	ng		93
85) Indeno(1,2,3-cd)pyrene	25.89	276	16751	3.43	ng	#	84
87) Benzo(b)fluoranthene	24.49	252	44228m	5.81	ng		
89) Benzo(a)pyrene	24.78	252	30257	4.69	ng	#	84
91) Benzo(g,h,i)perylene	26.18	276	15538	3.27	ng	#	78

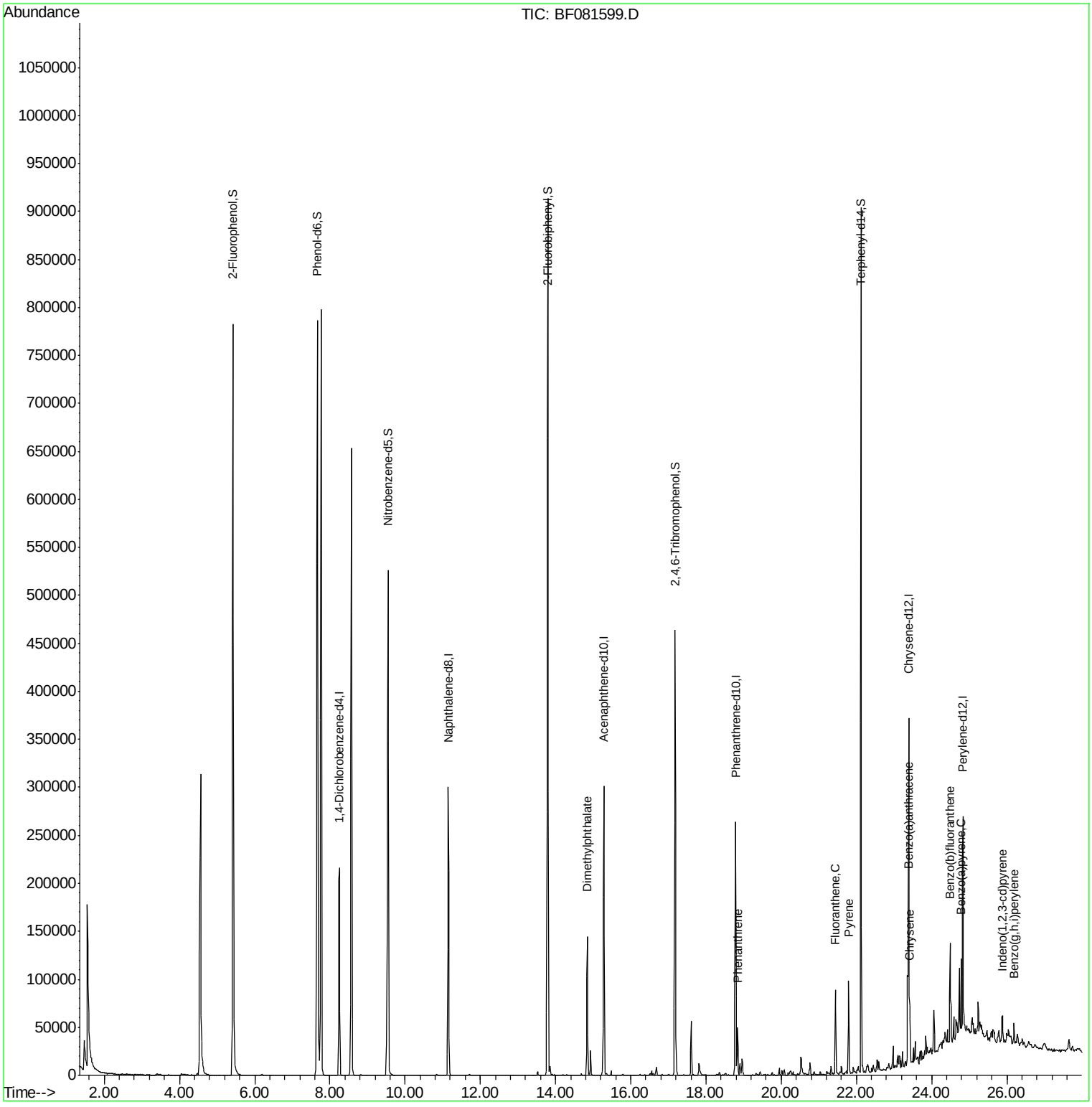
(#) = qualifier out of range (m) = manual integration (+) = signals summed

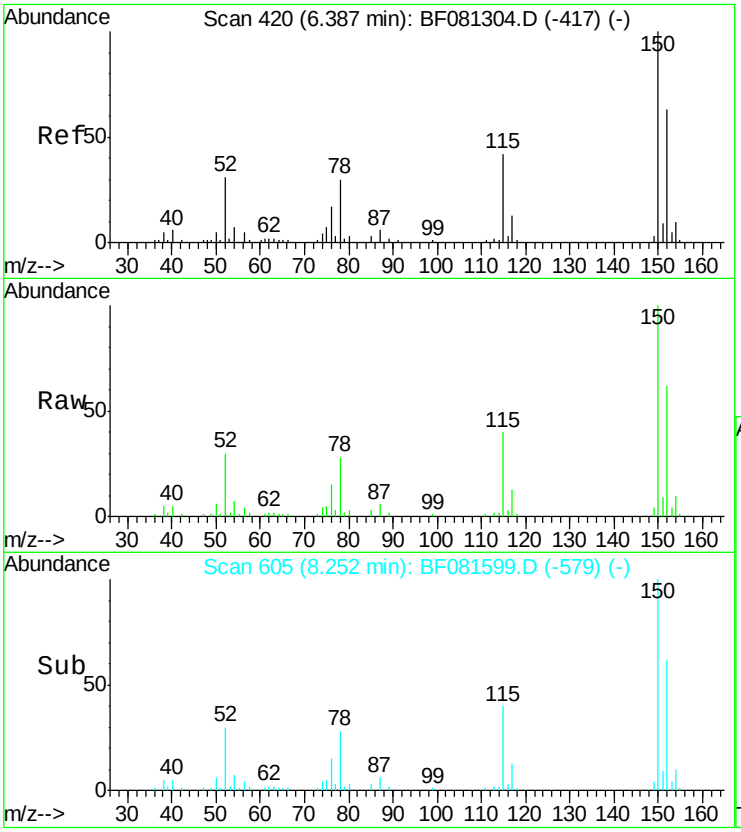
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081599.D
Acq On : 12 Sep 2015 00:14
Operator : UM/IZ
Sample : G3526-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13(0-0.16)

Quant Time: Sep 12 01:09:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 23:14:51 2015
Response via : Initial Calibration



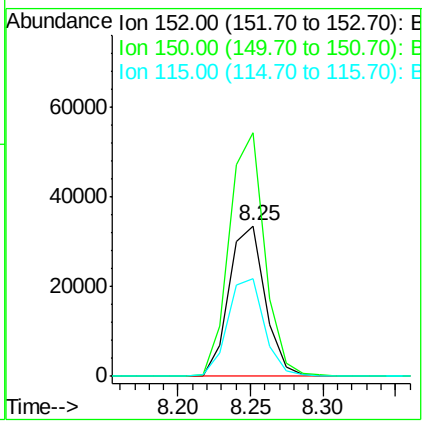


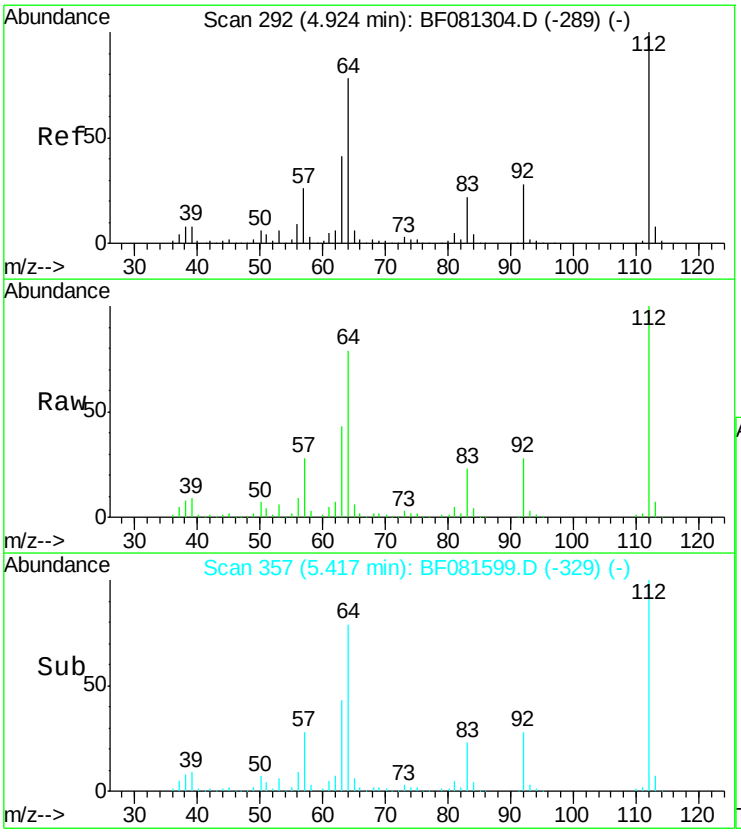
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.25 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Instrument :
BNA_F
ClientSampleId :
SB-13(0-0.16)

Tgt Ion:152 Resp: 58022

Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.7	187.1
115	65.3	39.0	58.4#

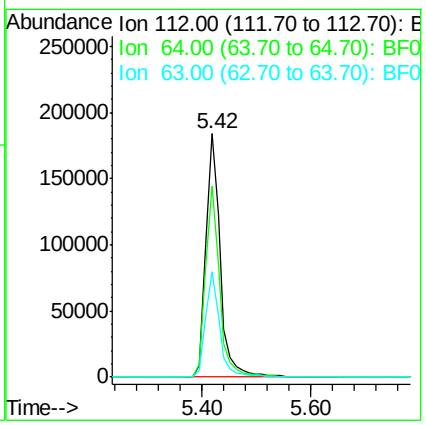


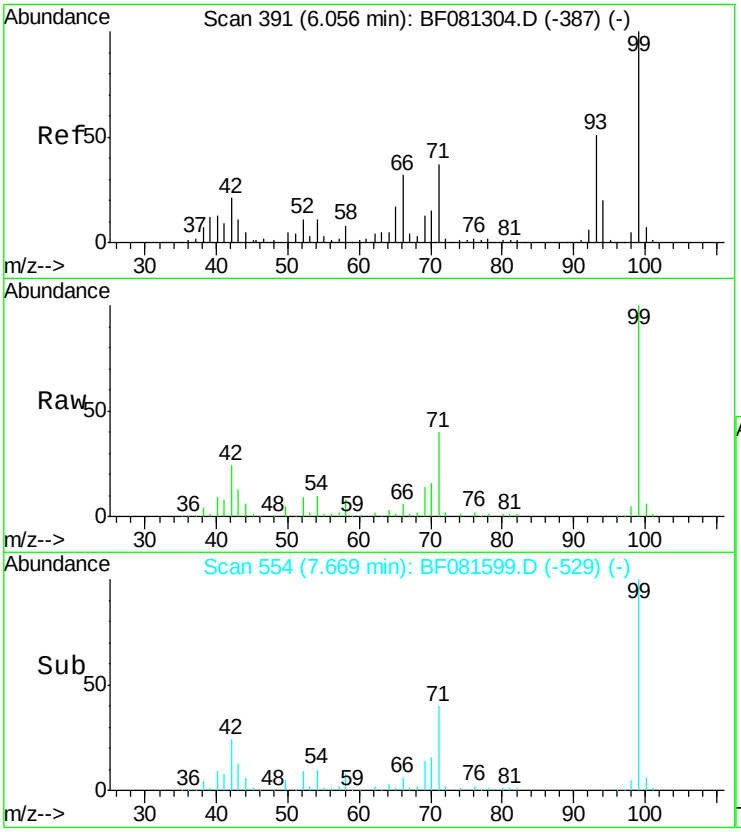


#5
2-Fluorophenol
Concen: 90.86 ng
RT: 5.42 min Scan# 357
Delta R.T. 0.02 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Tgt Ion:112 Resp: 339795

Ion	Ratio	Lower	Upper
112	100		
64	78.6	39.7	59.5#
63	43.4	17.4	26.0#



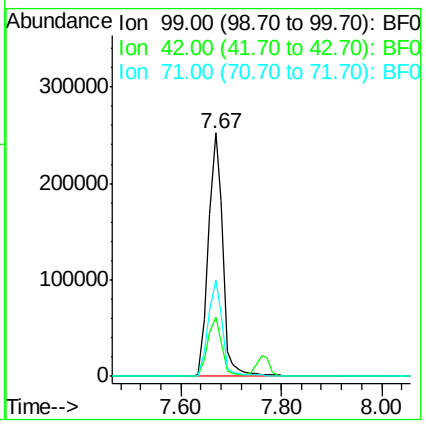


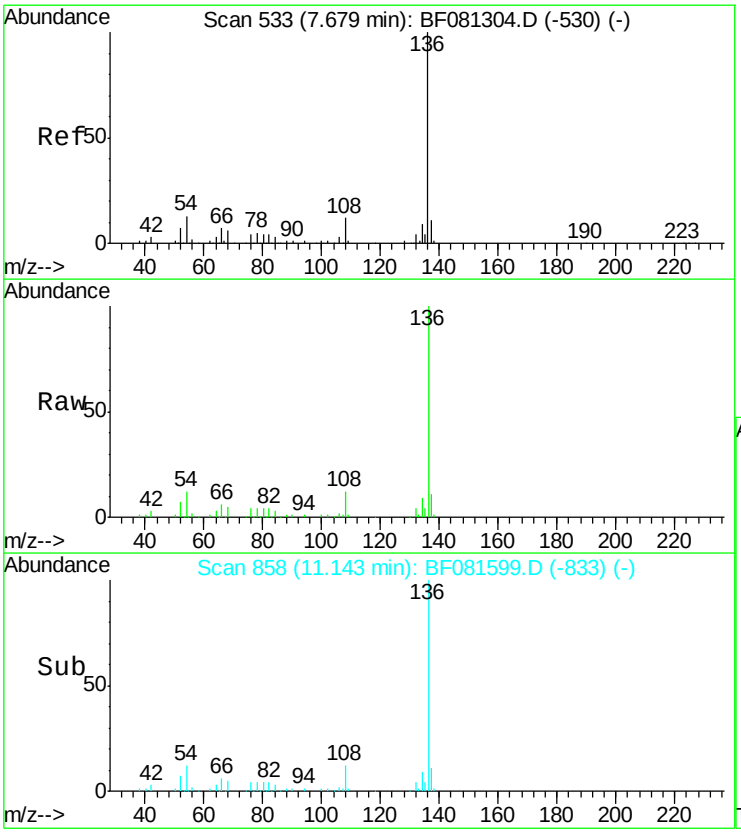
#7
Phenol-d6
Concen: 101.11 ng
RT: 7.67 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Instrument :
BNA_F
ClientSampleId :
SB-13(0-0.16)

Tgt Ion: 99 Resp: 500529

Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.7	20.5#
71	39.5	14.2	21.2#

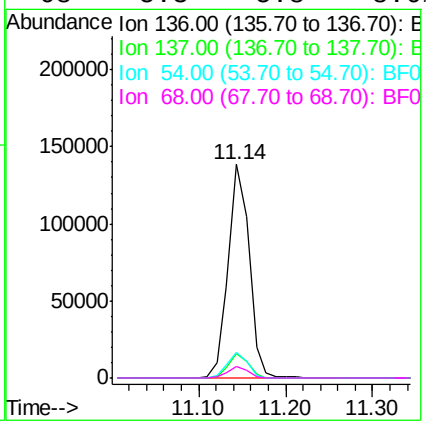


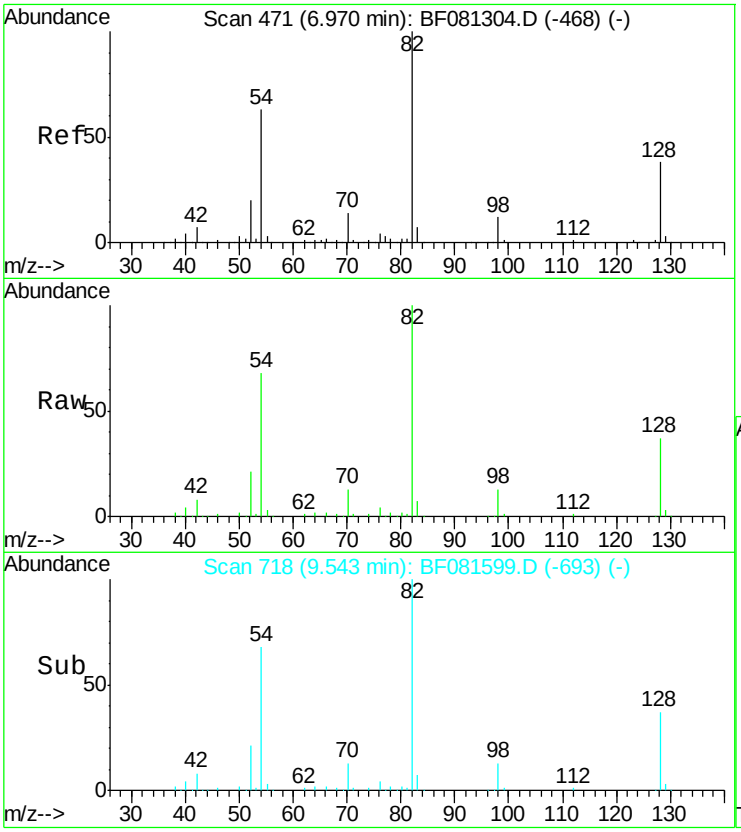


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.14 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Tgt Ion:136 Resp: 231825

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	12.3	8.2	12.2#
68	5.3	5.8	8.6#



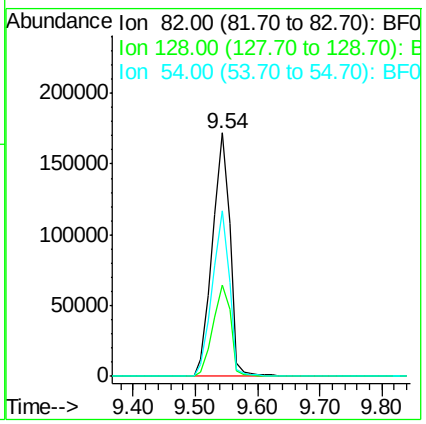


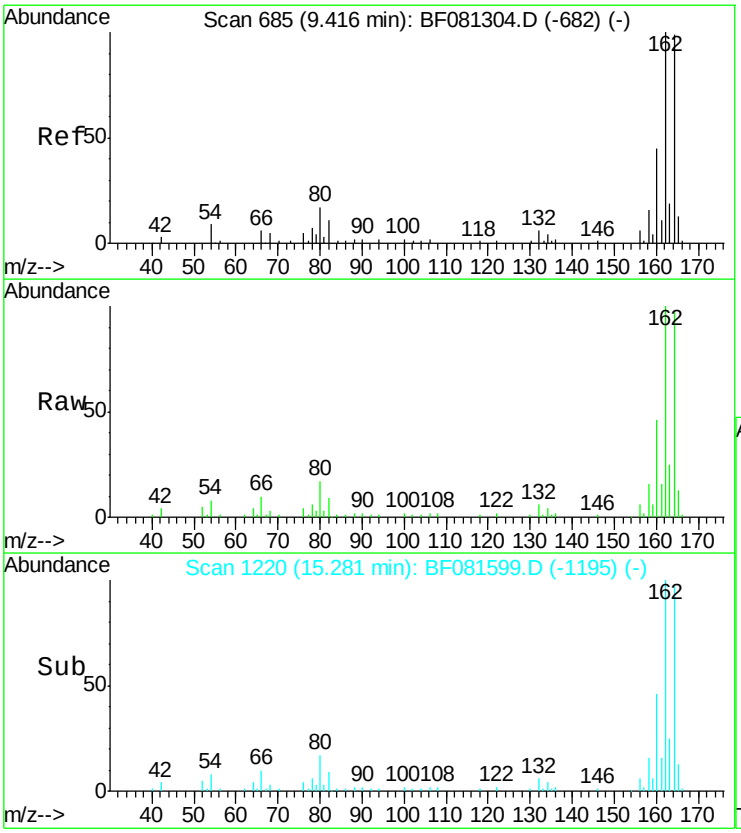
#23
Nitrobenzene-d5
Concen: 68.99 ng
RT: 9.54 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Instrument :
BNA_F
ClientSampleId :
SB-13(0-0.16)

Tgt Ion: 82 Resp: 331494

Ion	Ratio	Lower	Upper
82	100		
128	37.3	51.0	76.6#
54	68.0	47.5	71.3

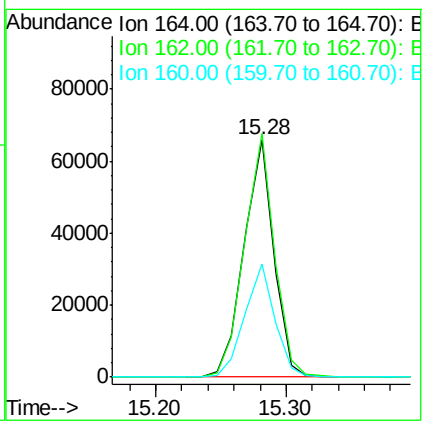


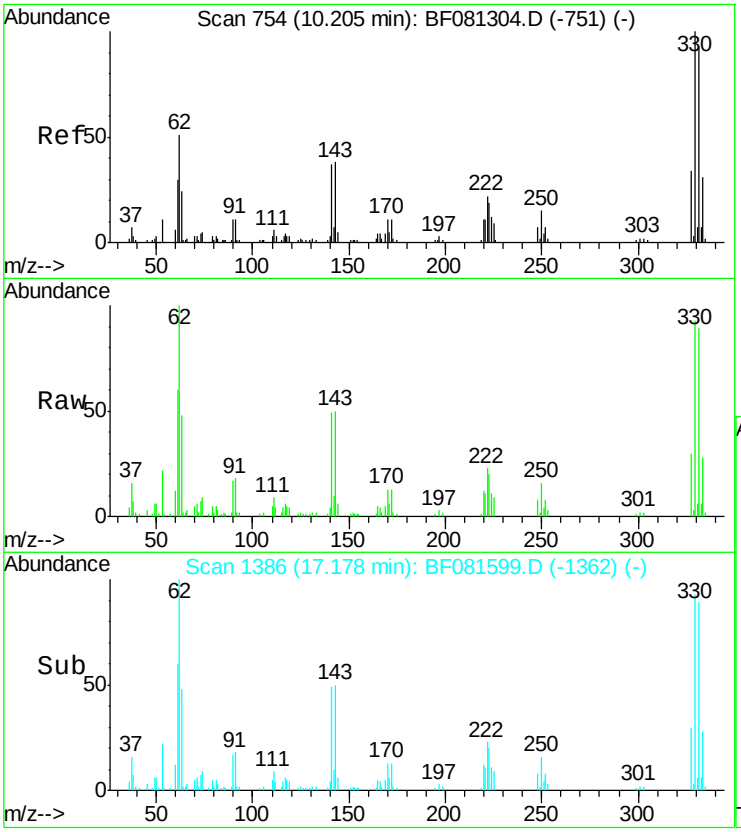


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.28 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Tgt Ion:164 Resp: 105047

Ion	Ratio	Lower	Upper
164	100		
162	102.6	75.2	112.8
160	47.7	31.5	47.3#



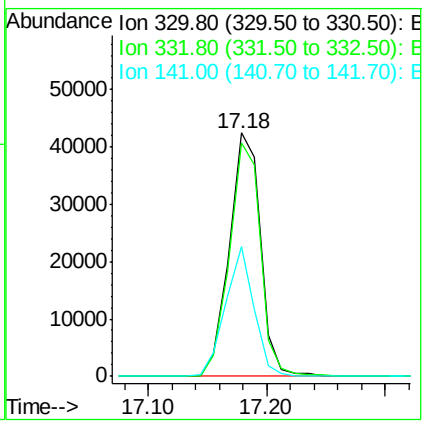


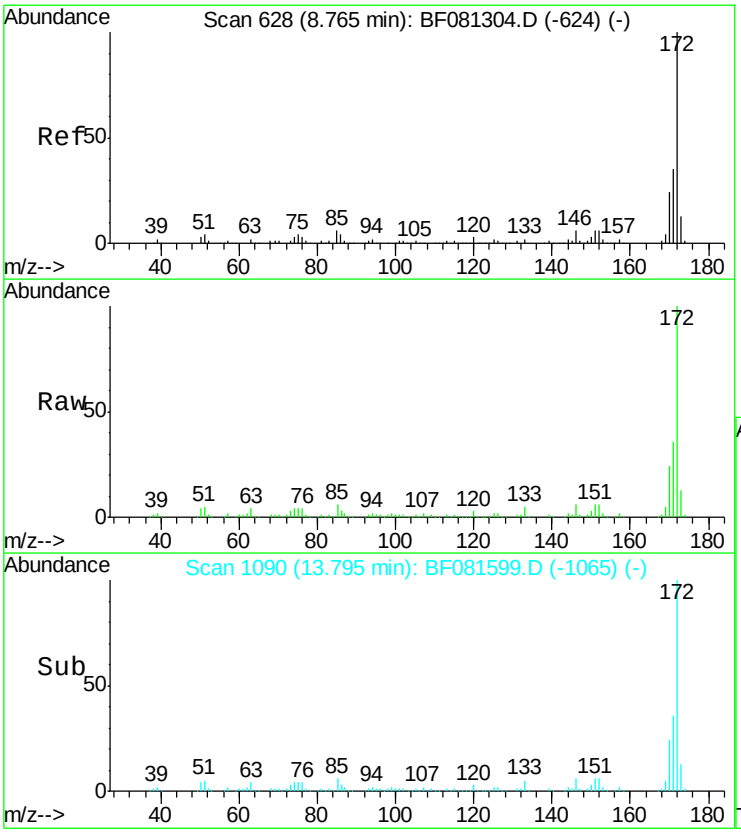
#41
2,4,6-Tribromophenol
Concen: 83.11 ng
RT: 17.18 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Instrument :
BNA_F
ClientSampleId :
SB-13(0-0.16)

Tgt Ion:330 Resp: 77739

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	48.5	29.7	44.5#

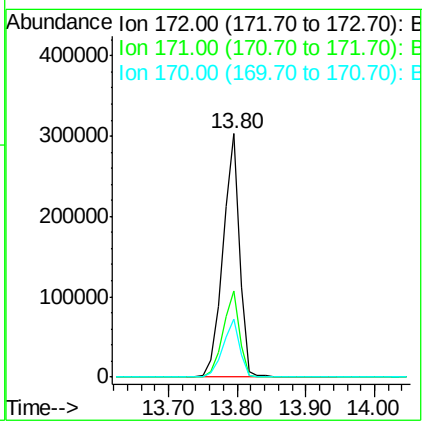


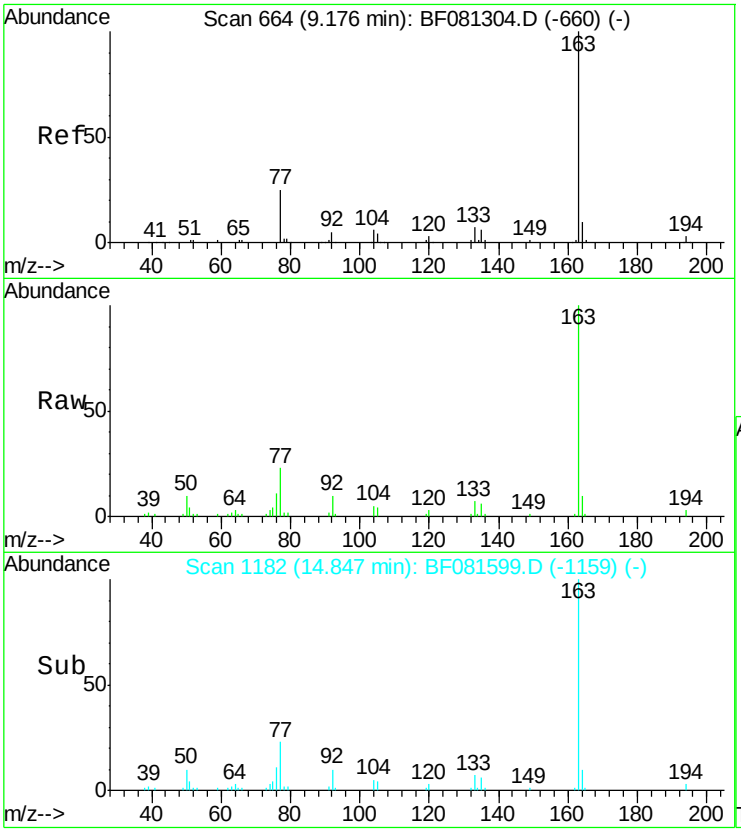


#44
2-Fluorobiphenyl
Concen: 63.26 ng
RT: 13.80 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Tgt Ion:172 Resp: 518595

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	24.0	17.4	26.2



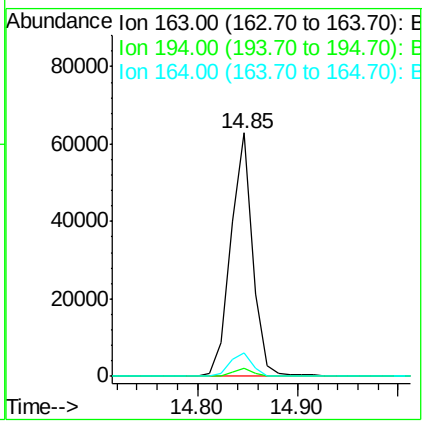


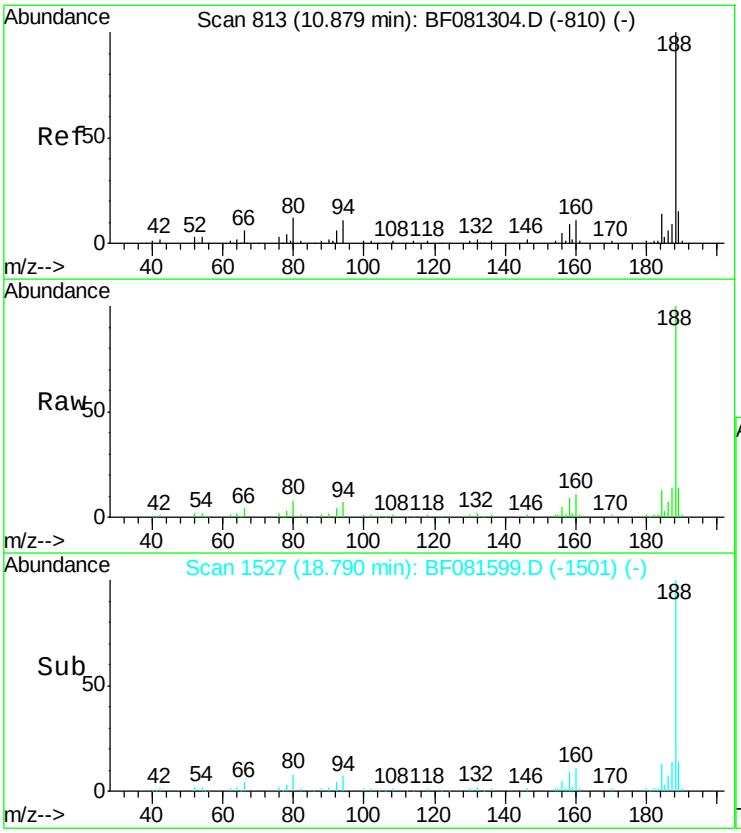
#49
Dimethylphthalate
Concen: 11.66 ng
RT: 14.85 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Instrument :
BNA_F
ClientSampleId :
SB-13(0-0.16)

Tgt Ion:163 Resp: 95139

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	9.9	8.3	12.5

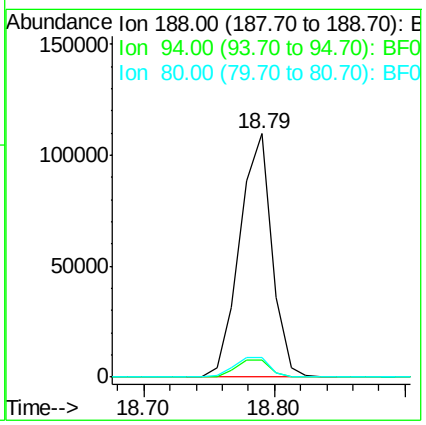


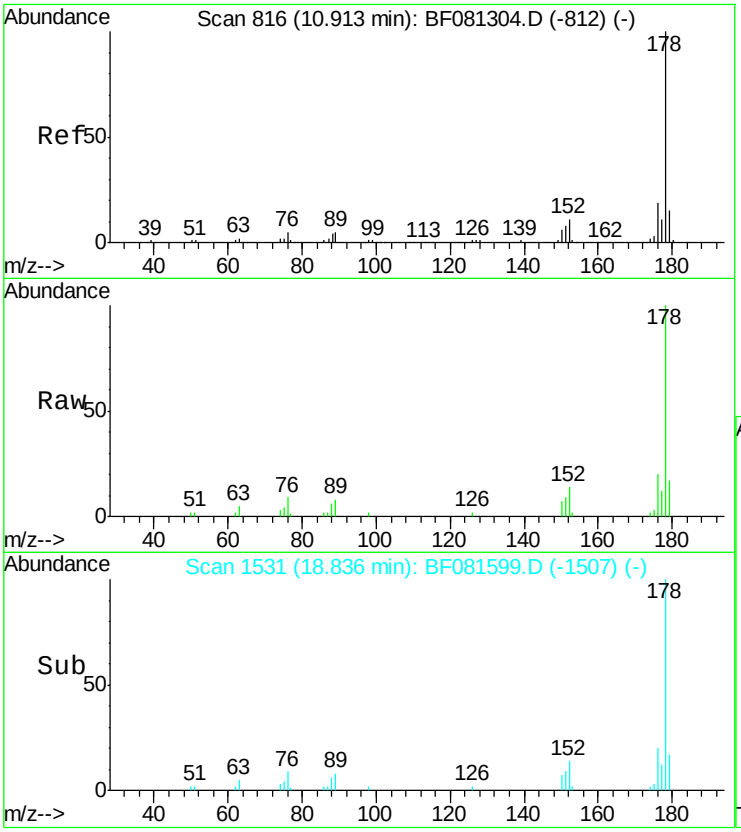


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.79 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Tgt Ion:188 Resp: 188208

Ion	Ratio	Lower	Upper
188	100		
94	6.9	11.1	16.7#
80	8.0	11.0	16.4#



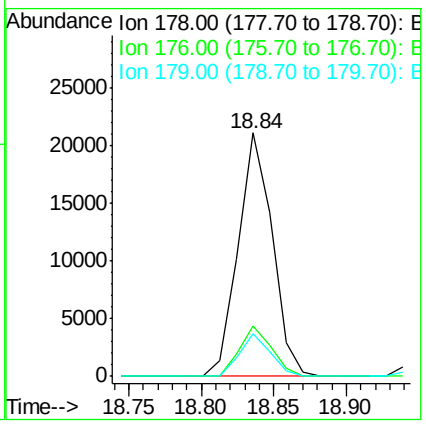


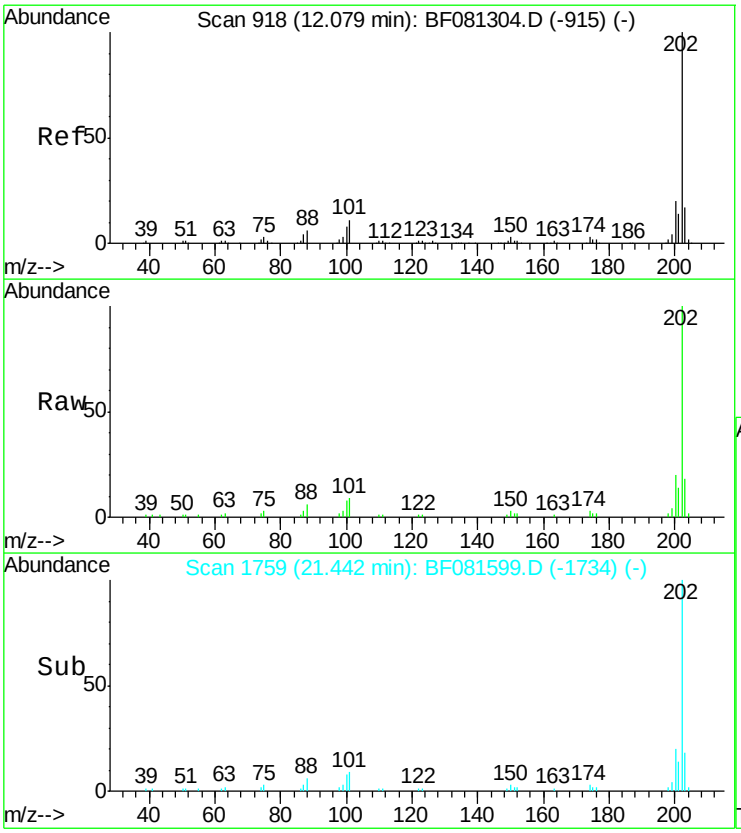
#70
Phenanthrene
Concen: 3.29 ng
RT: 18.84 min Scan# 1531
Delta R.T. -0.02 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Instrument :
BNA_F
ClientSampleId :
SB-13(0-0.16)

Tgt Ion:178 Resp: 34473

Ion	Ratio	Lower	Upper
178	100		
176	20.5	13.8	20.8
179	17.3	12.2	18.2

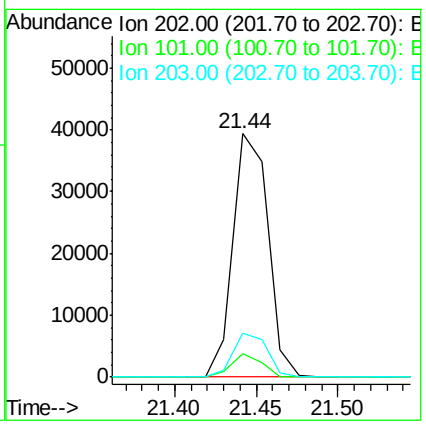


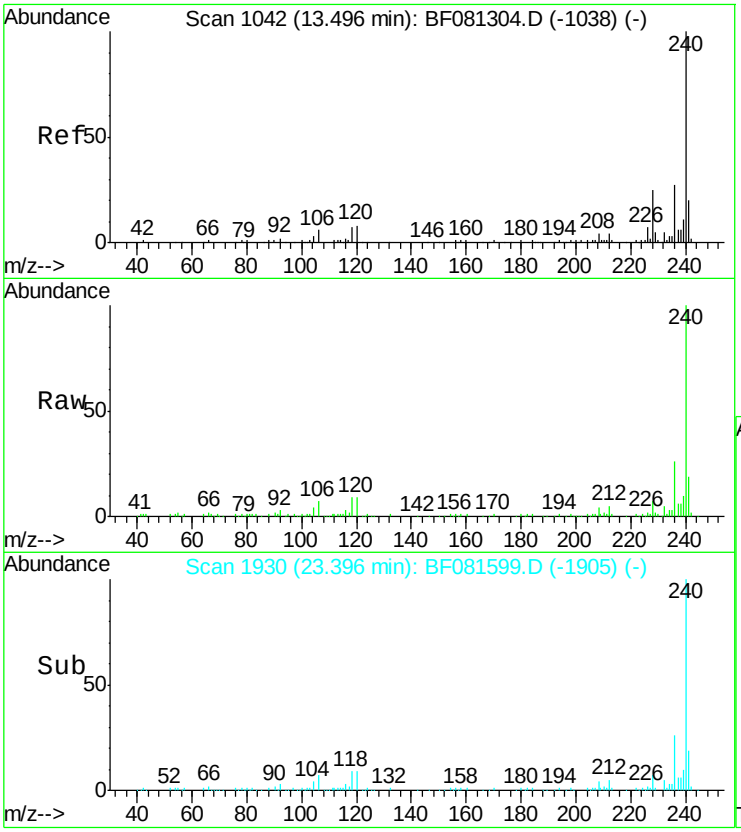


#74
Fluoranthene
Concen: 5.16 ng
RT: 21.44 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Tgt Ion:202 Resp: 58466

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	38.3
203	18.1	0.0	37.3



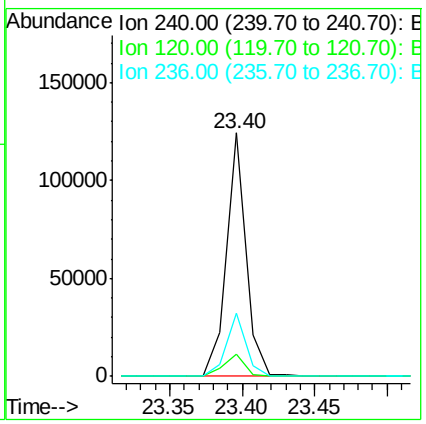


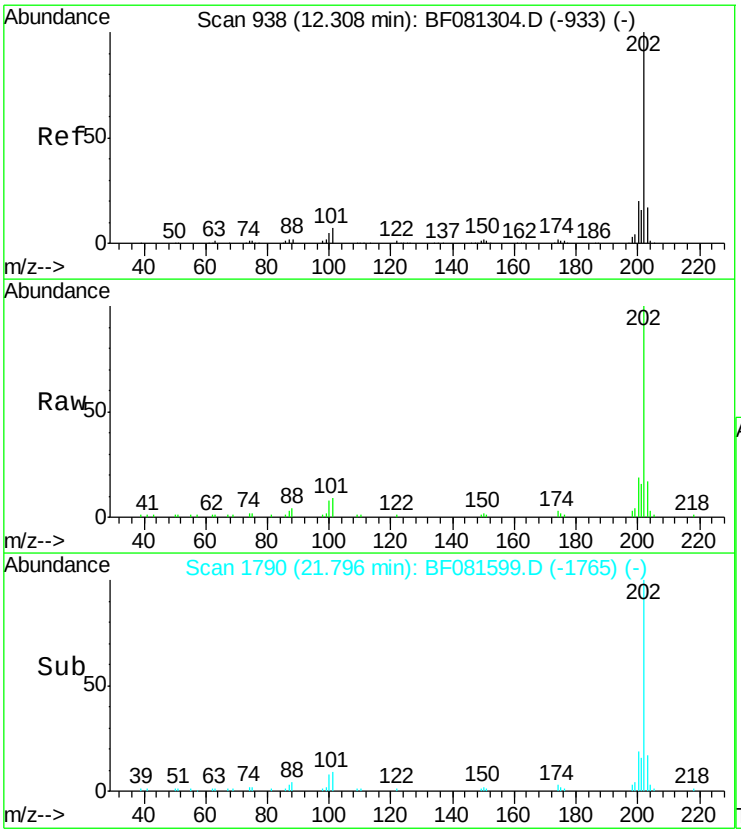
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.40 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Instrument :
BNA_F
ClientSampleId :
SB-13(0-0.16)

Tgt Ion:240 Resp: 116678

Ion	Ratio	Lower	Upper
240	100		
120	9.1	16.2	24.2#
236	26.0	18.4	27.6

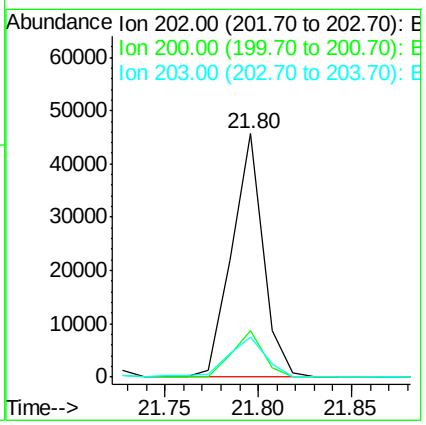


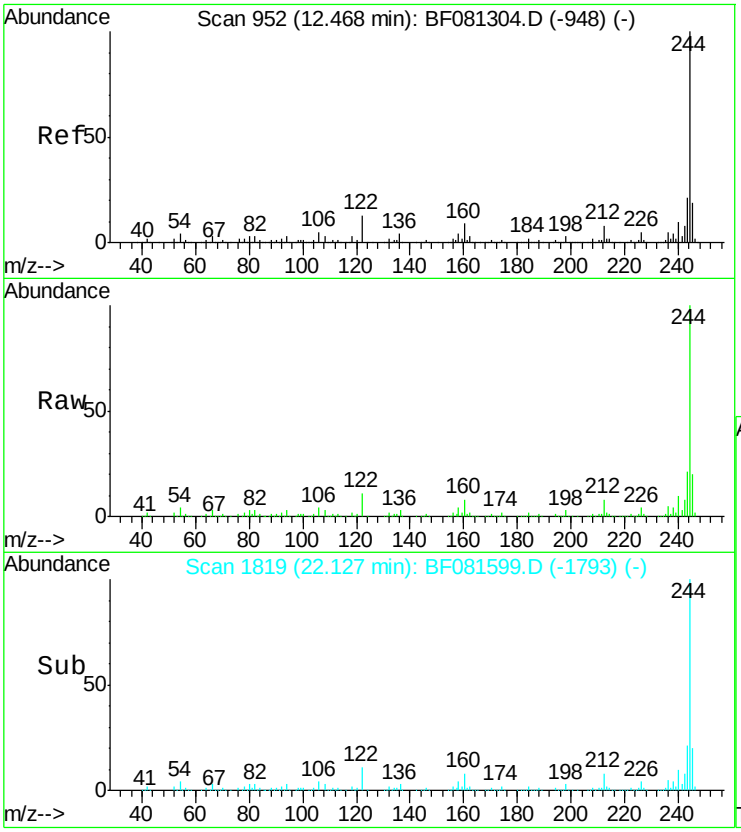


#77
Pyrene
Concen: 6.22 ng
RT: 21.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Tgt Ion:202 Resp: 53774

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.0	22.4
203	16.6	14.1	21.1



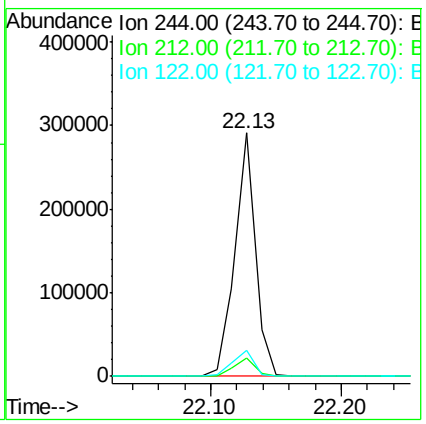


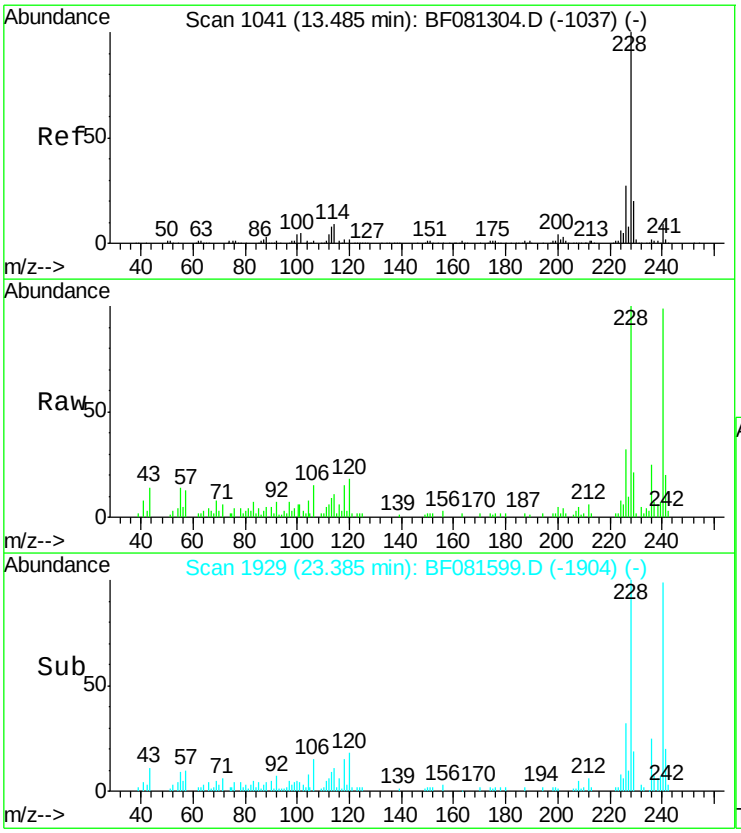
#78
Terphenyl-d14
Concen: 63.17 ng
RT: 22.13 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Instrument :
BNA_F
ClientSampleId :
SB-13(0-0.16)

Tgt Ion:244 Resp: 316626

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	10.8	17.4	26.2#

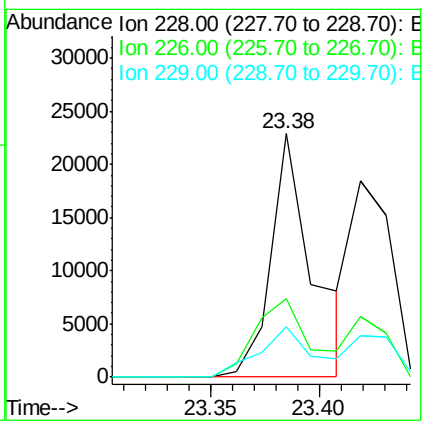


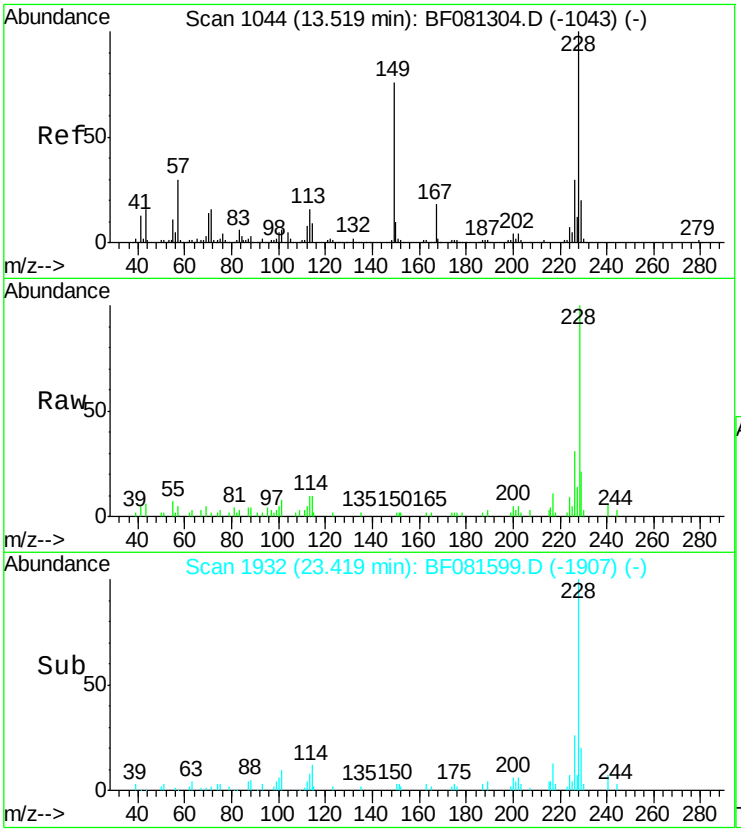


#80
Benzo(a)anthracene
Concen: 4.15 ng
RT: 23.38 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Tgt Ion:228 Resp: 30849

Ion	Ratio	Lower	Upper
228	100		
226	32.5	20.0	30.0#
229	20.5	15.4	23.2



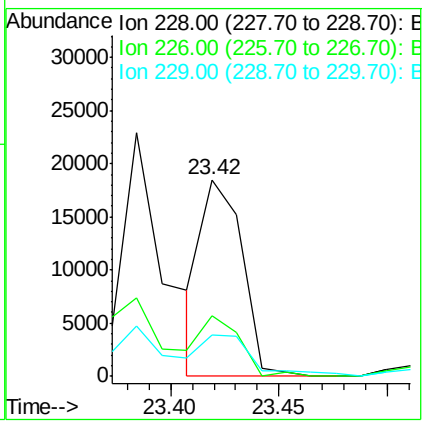


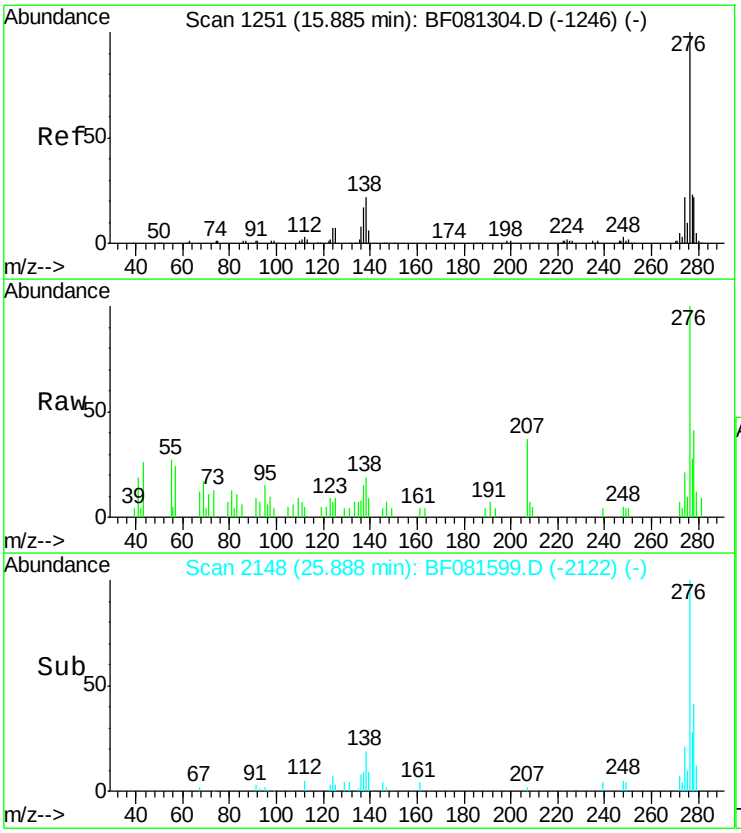
#82
Chrysene
Concen: 3.59 ng
RT: 23.42 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Instrument :
BNA_F
ClientSampleId :
SB-13(0-0.16)

Tgt Ion:228 Resp: 23892

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.0	31.4
229	20.8	15.6	23.4

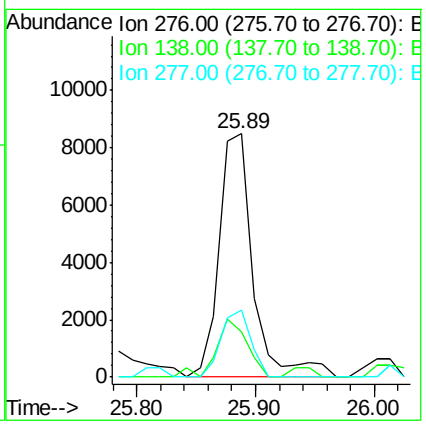


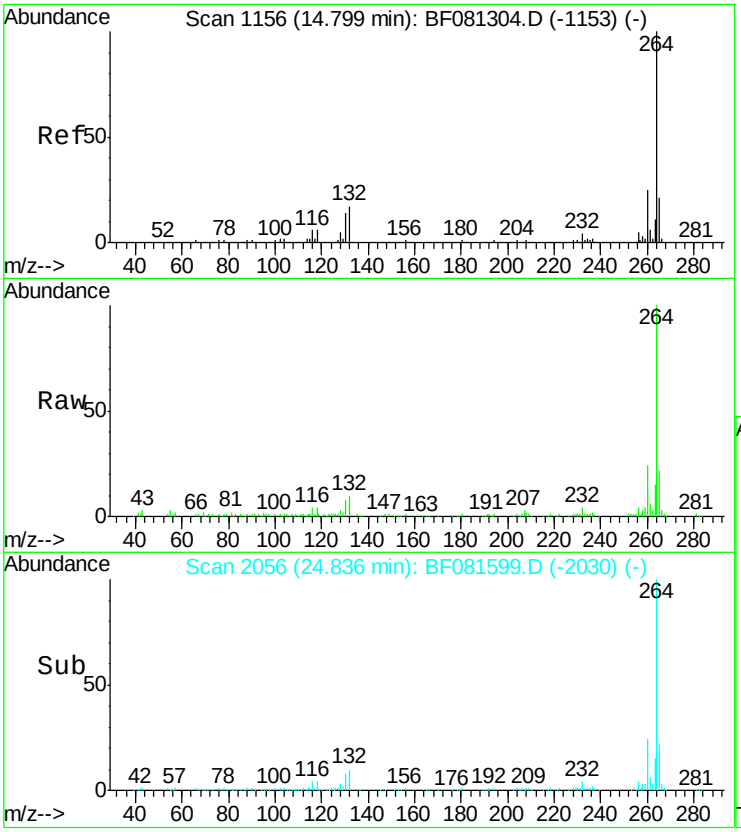


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.43 ng
RT: 25.89 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Tgt Ion:276 Resp: 16751

Ion	Ratio	Lower	Upper
276	100		
138	21.7	25.7	38.5#
277	24.2	15.6	23.4#



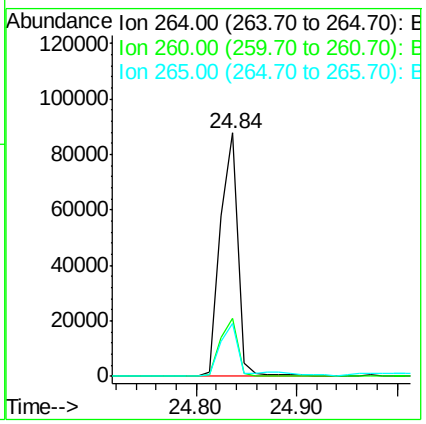


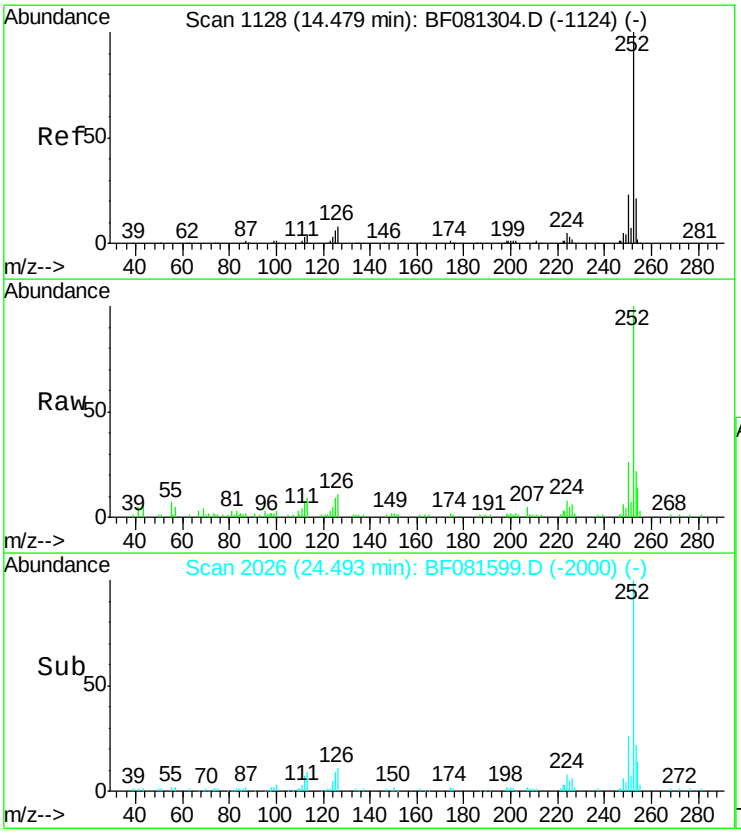
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Instrument :
BNA_F
ClientSampleId :
SB-13(0-0.16)

Tgt Ion:264 Resp: 106652

Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.9	17.2	25.8

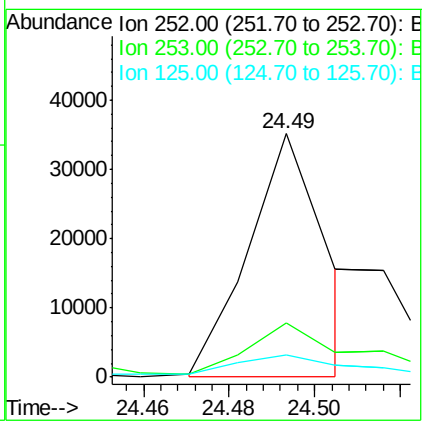


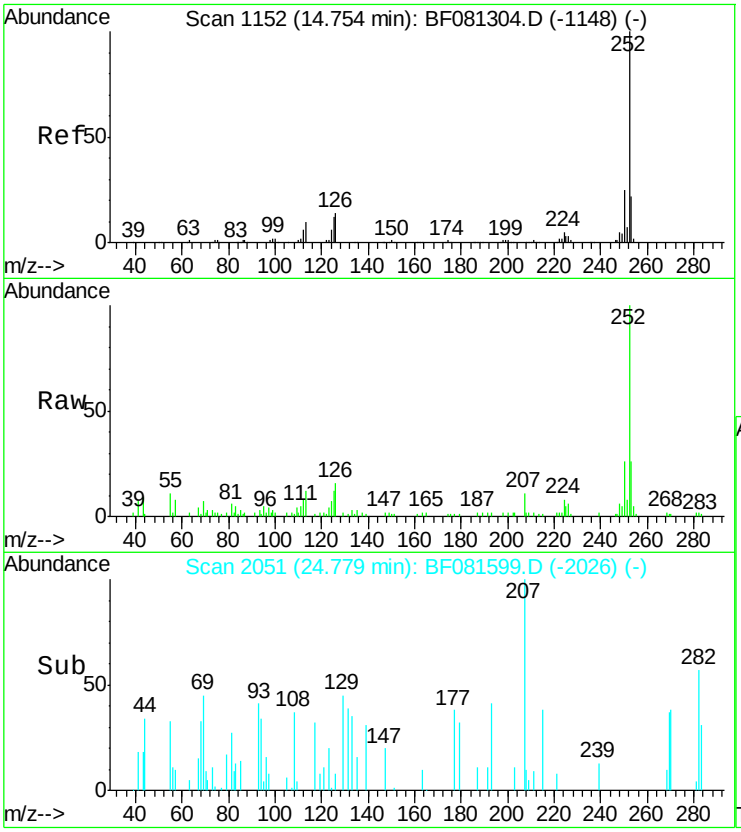


#87
Benzo(b)fluoranthene
Concen: 5.81 ng m
RT: 24.49 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Tgt Ion:252 Resp: 44228

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.1	17.1	25.7#



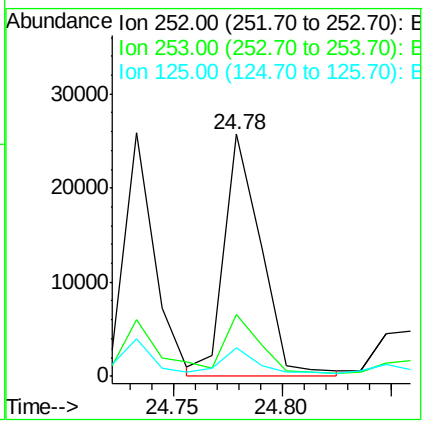


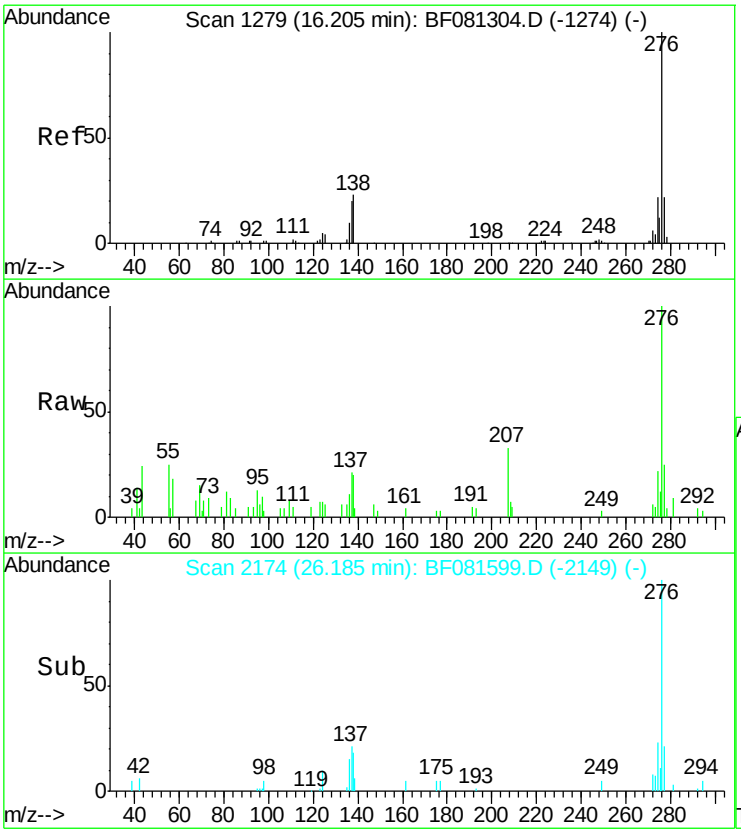
#89
Benzo(a)pyrene
Concen: 4.69 ng
RT: 24.78 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Instrument :
BNA_F
ClientSampleId :
SB-13(0-0.16)

Tgt Ion:252 Resp: 30257

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	11.8	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 3.27 ng
RT: 26.18 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF081599.D
Acq: 12 Sep 2015 00:14

Tgt Ion:276 Resp: 15538

Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.8	26.6
138	24.1	34.6	51.8#