Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081598.D
Acq On : 11 Sep 2015 23:38
Operator : UM/IZ
Sample : G3526-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12(0-0.16)

Quant Time: Sep 12 01:00:20 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	57875	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	229568	20.00	ng	-0.01
38) Acenaphthene-d10	15.28	164	104609	20.00	ng	-0.01
63) Phenanthrene-d10	18.79	188	194848	20.00	ng	0.00
75) Chrysene-d12	23.40	240	115497	20.00	ng	-0.01
86) Perylene-d12	24.84	264	101658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	297956	79.88	ng	0.01
7) Phenol-d6	7.67	99	412697	83.58	ng	-0.01
23) Nitrobenzene-d5	9.54	82	272601	57.29	ng	-0.01
41) 2,4,6-Tribromophenol	17.18	330	76705	82.35	ng	-0.02
44) 2-Fluorobiphenyl	13.80	172	470901	57.69	ng	-0.01
78) Terphenyl-d14	22.13	244	301691	60.81	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.85	163	72259	8.89	ng	# 97
74) Fluoranthene	21.44	202	34549	2.95	ng	89
77) Pyrene	21.80	202	32389	3.79	ng	96
80) Benzo(a)anthracene	23.38	228	20428	2.78	ng	96
82) Chrysene	23.42	228	17122m	2.60	ng	
87) Benzo(b)fluoranthene	24.49	252	24994m	3.44	ng	
89) Benzo(a)pyrene	24.78	252	15255	2.48	ng	# 89

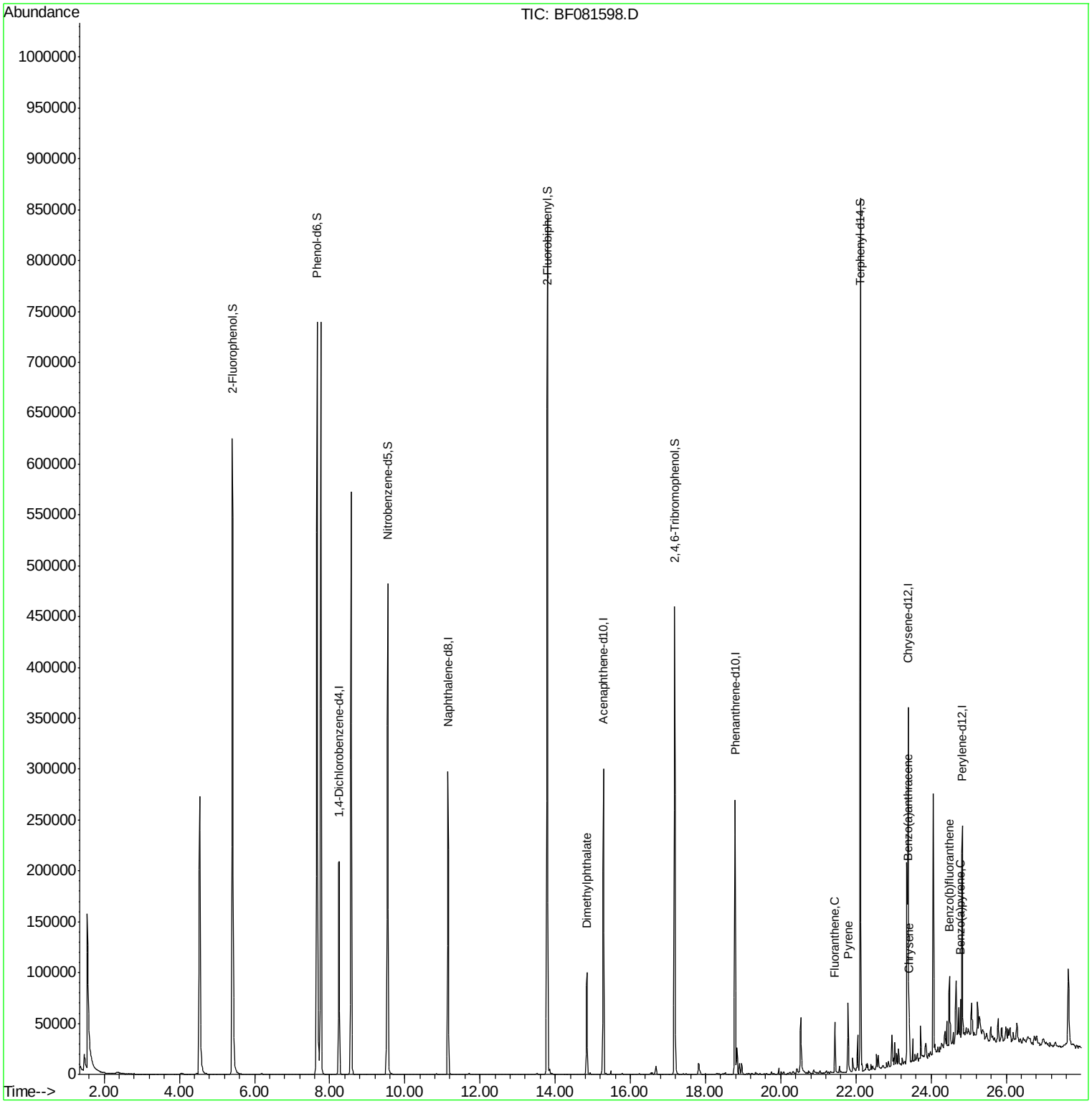
(#) = qualifier out of range (m) = manual integration (+) = signals summed

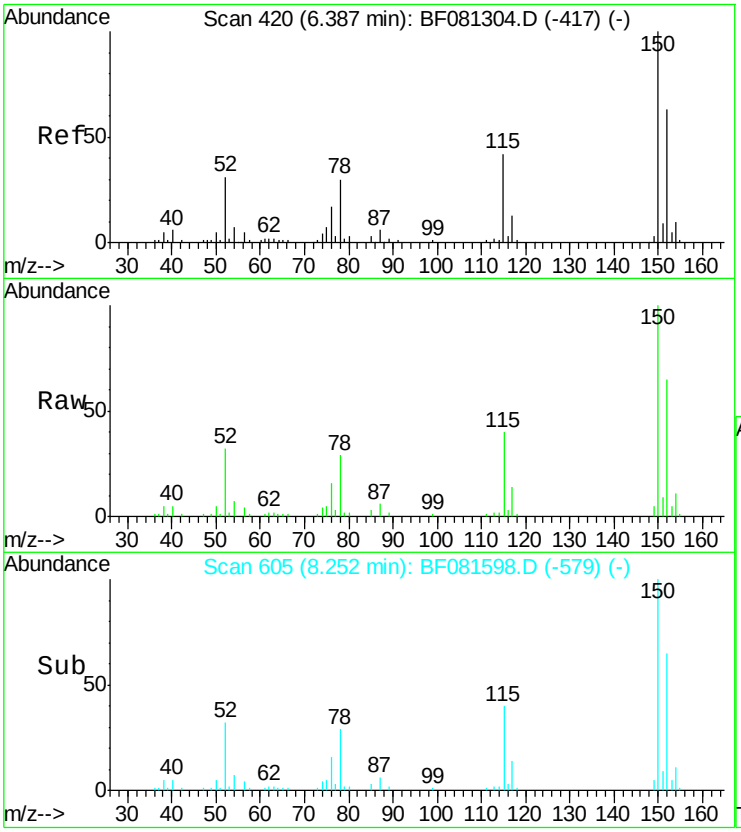
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081598.D
Acq On : 11 Sep 2015 23:38
Operator : UM/IZ
Sample : G3526-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0-0.16)

Quant Time: Sep 12 01:00:20 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



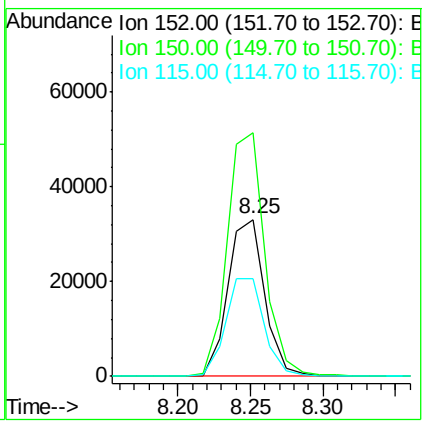


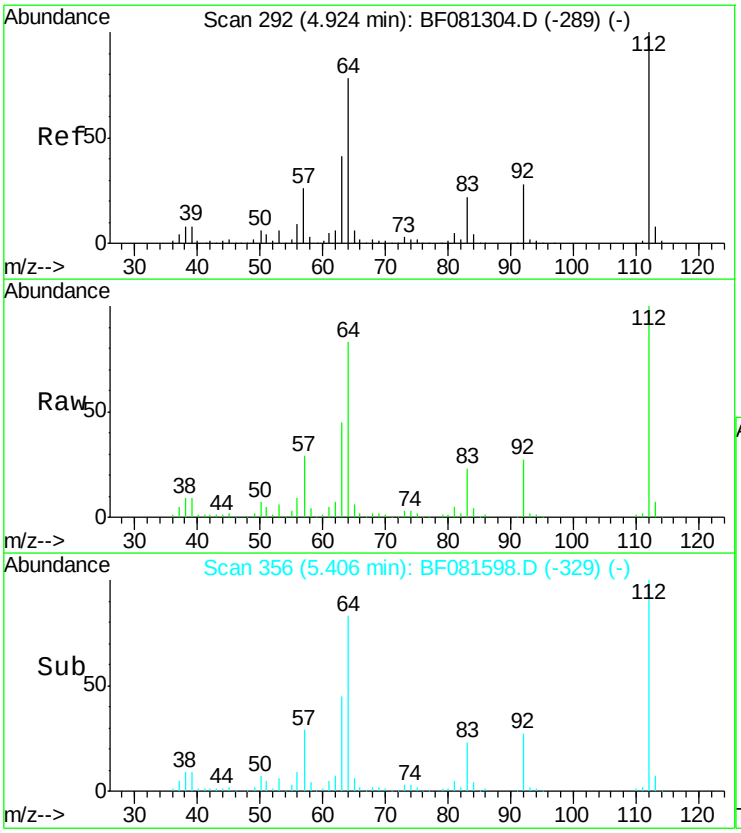
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.25 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-0.16)

Tgt Ion:152 Resp: 57875

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.7	187.1
115	62.1	39.0	58.4#

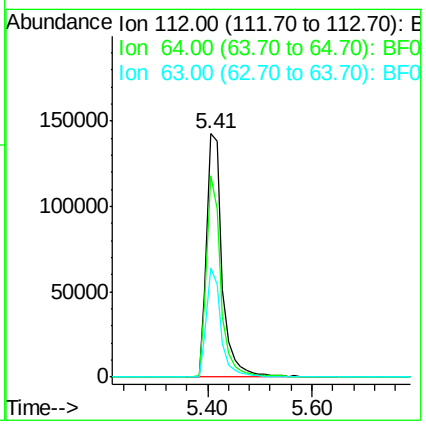


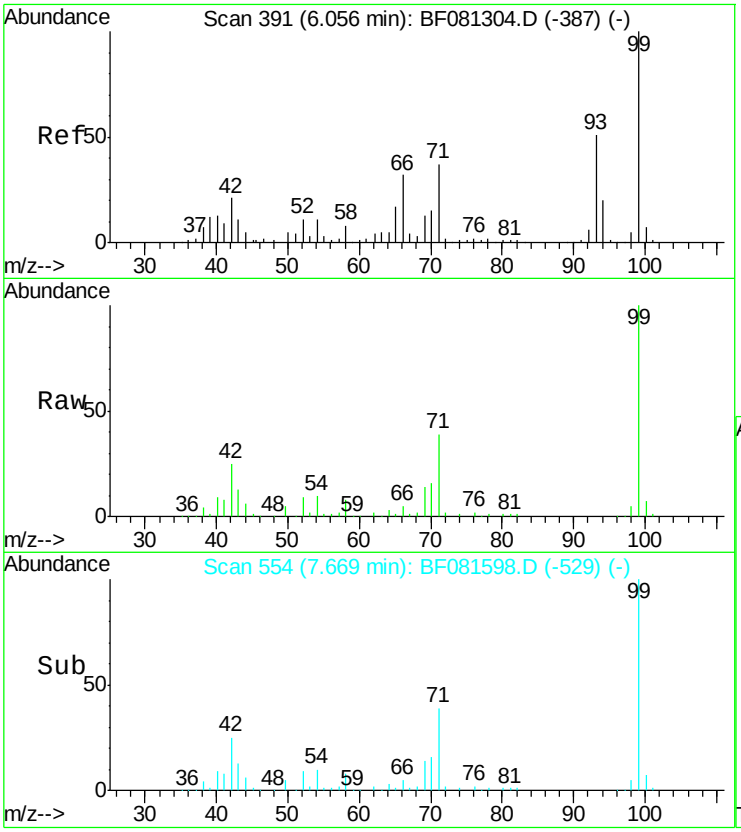


#5
2-Fluorophenol
Concen: 79.88 ng
RT: 5.41 min Scan# 356
Delta R.T. 0.01 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Tgt Ion:112 Resp: 297956

Ion	Ratio	Lower	Upper
112	100		
64	82.9	39.7	59.5#
63	45.0	17.4	26.0#



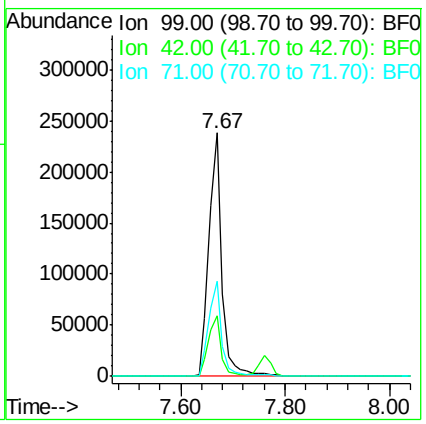


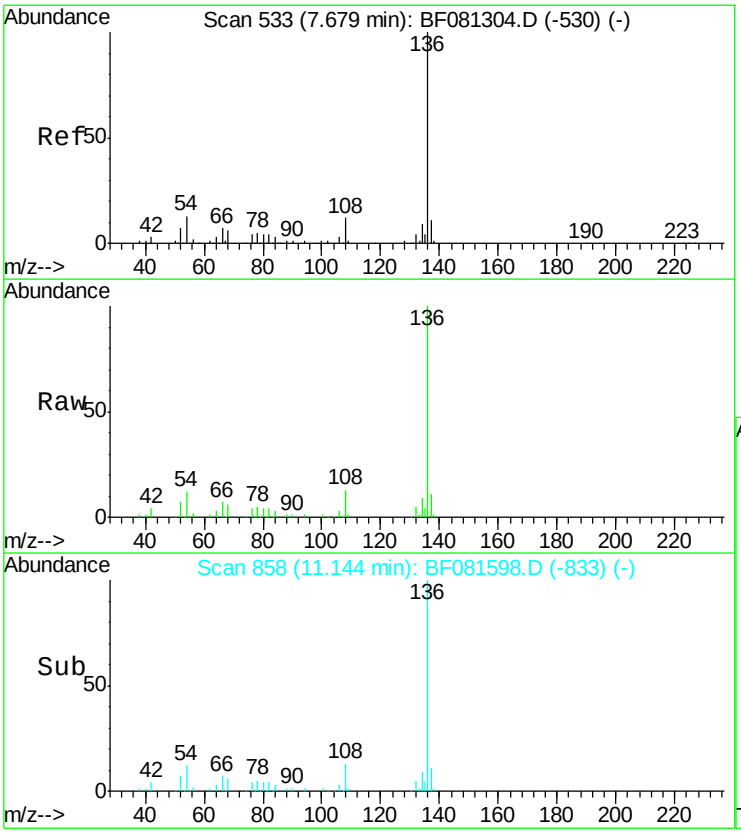
#7
Phenol-d6
Concen: 83.58 ng
RT: 7.67 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-0.16)

Tgt Ion: 99 Resp: 412697

Ion	Ratio	Lower	Upper
99	100		
42	24.7	13.7	20.5#
71	38.8	14.2	21.2#

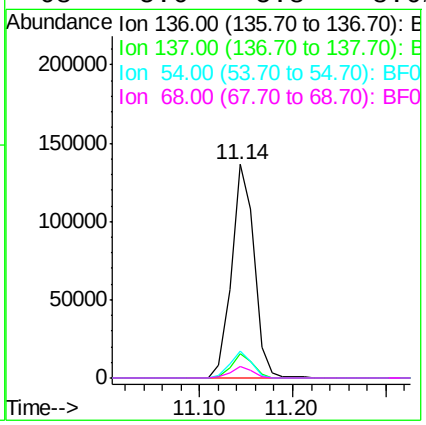


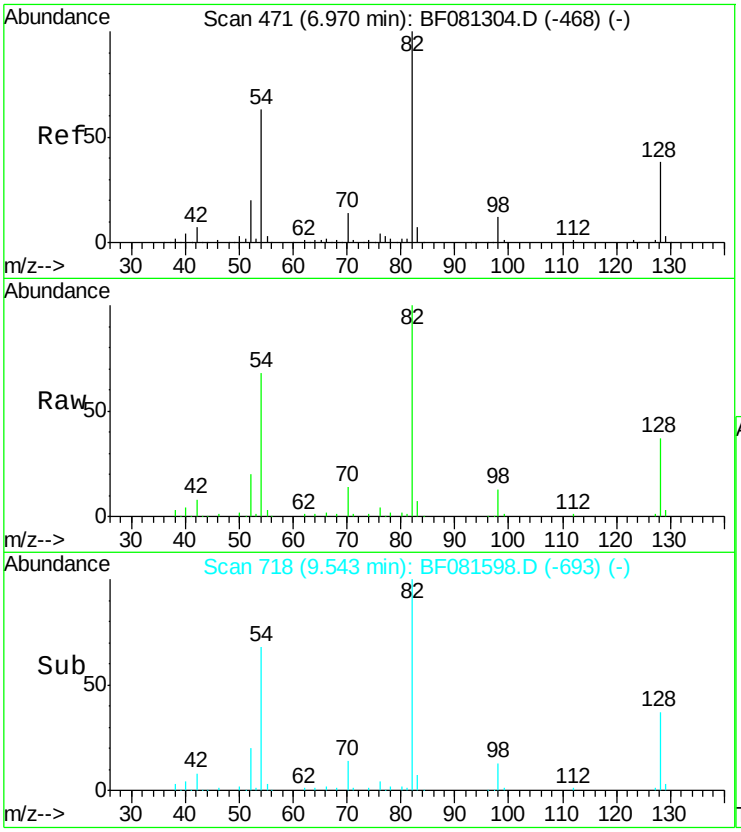


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.14 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Tgt Ion:136 Resp: 229568

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	12.3	8.2	12.2#
68	5.6	5.8	8.6#



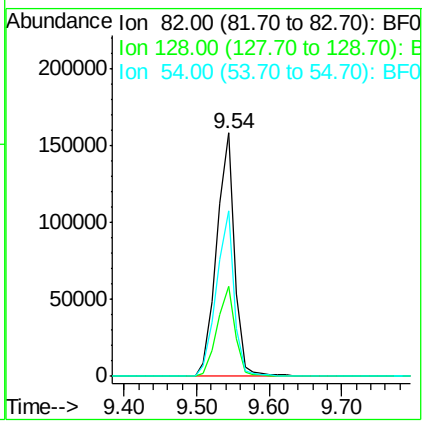


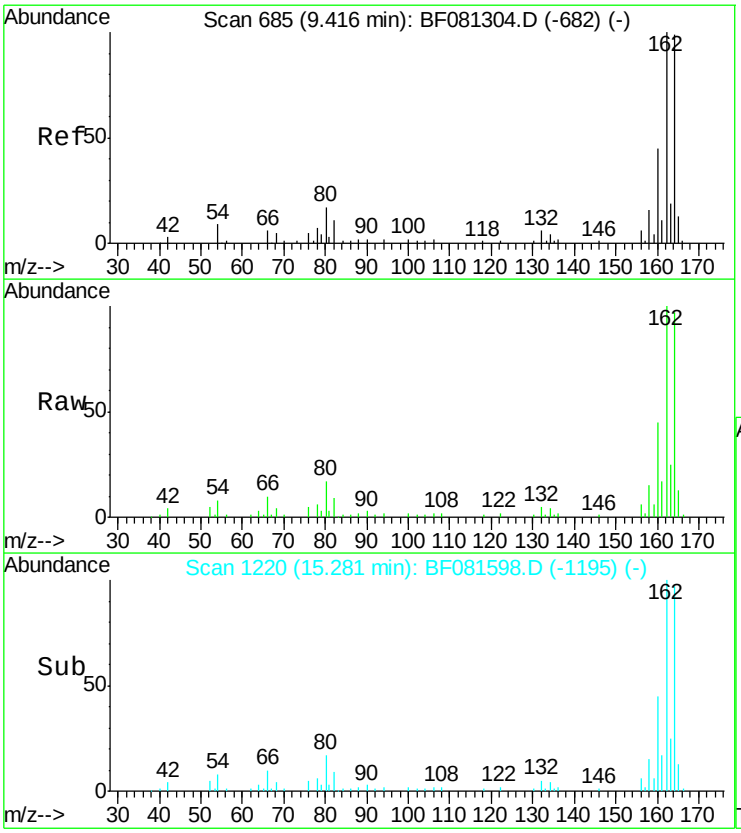
#23
Nitrobenzene-d5
Concen: 57.29 ng
RT: 9.54 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-0.16)

Tgt Ion: 82 Resp: 272601

Ion	Ratio	Lower	Upper
82	100		
128	37.0	51.0	76.6#
54	67.9	47.5	71.3

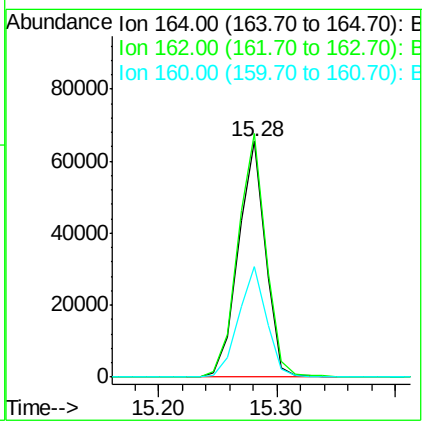


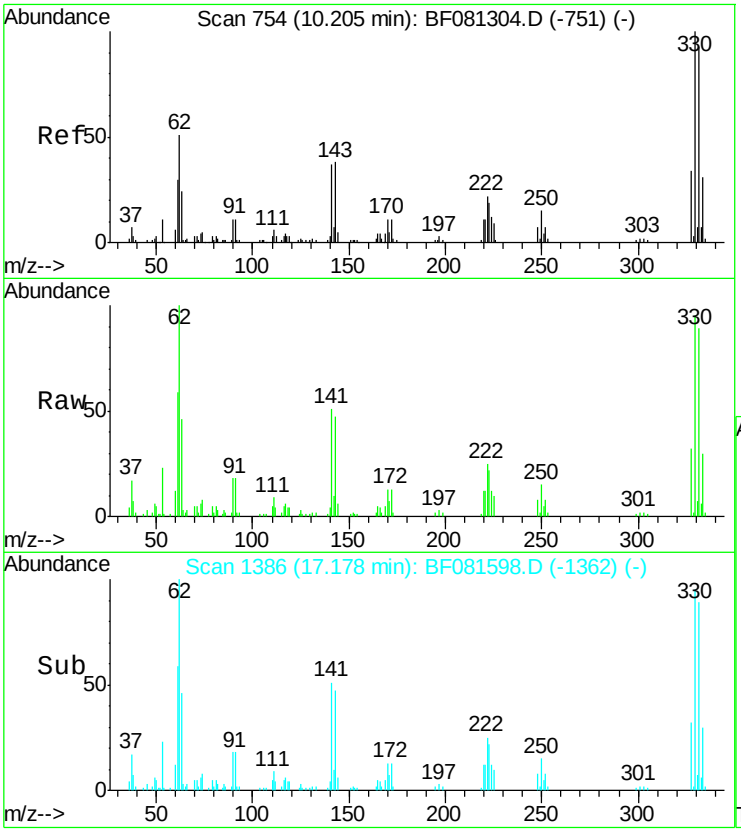


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.28 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Tgt Ion:164 Resp: 104609

Ion	Ratio	Lower	Upper
164	100		
162	103.4	75.2	112.8
160	46.9	31.5	47.3



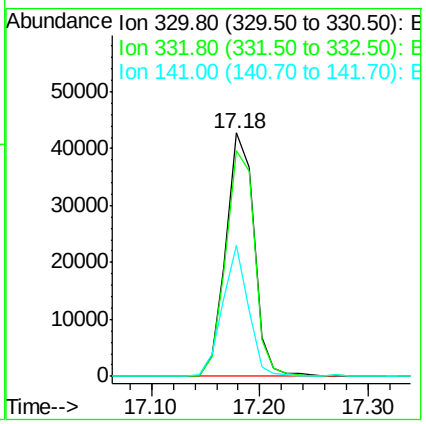


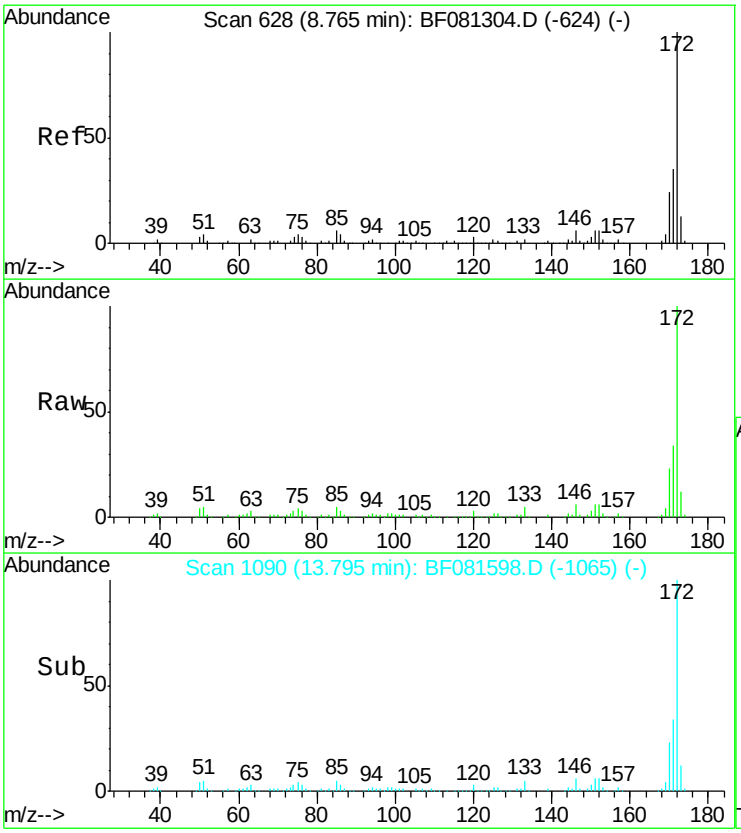
#41
2,4,6-Tribromophenol
Concen: 82.35 ng
RT: 17.18 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-0.16)

Tgt Ion:330 Resp: 76705

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	48.9	29.7	44.5#

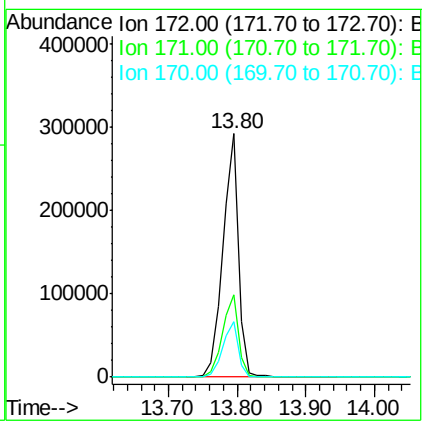


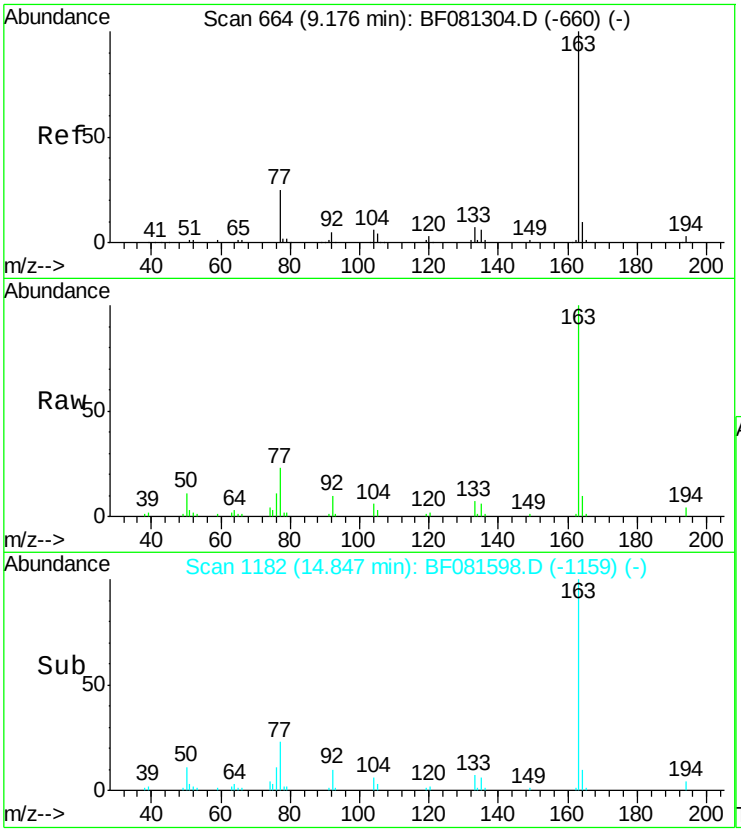


#44
2-Fluorobiphenyl
Concen: 57.69 ng
RT: 13.80 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Tgt Ion:172 Resp: 470901

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.1	39.1
170	22.8	17.4	26.2



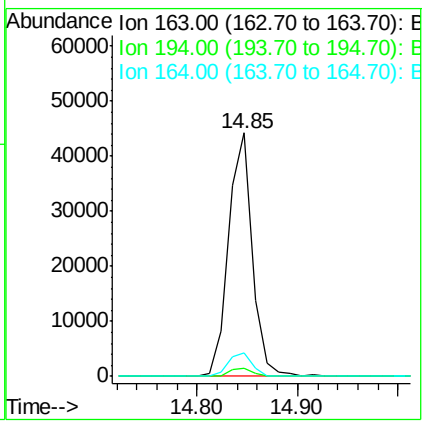


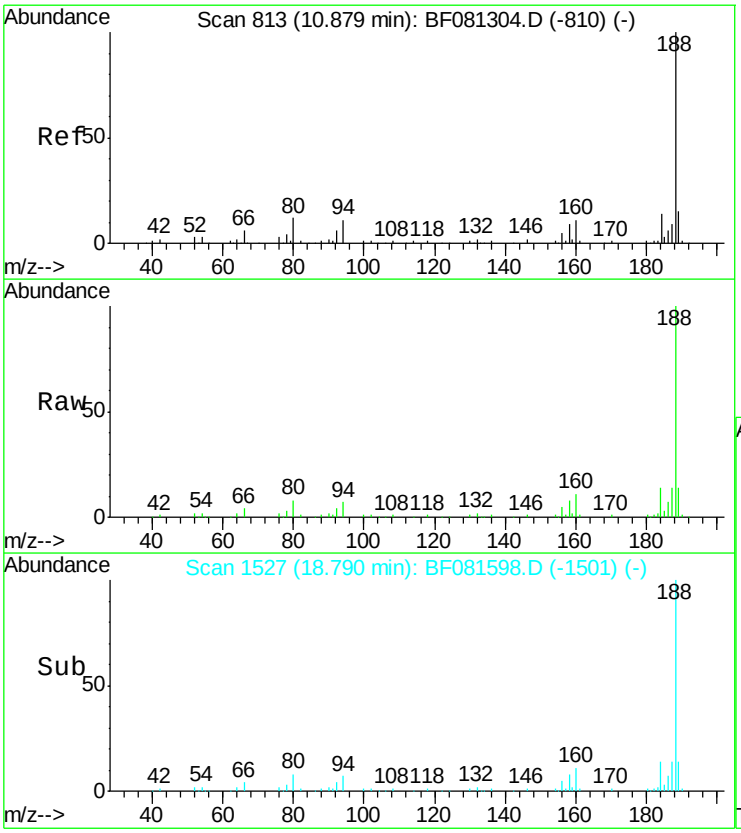
#49
Dimethylphthalate
Concen: 8.89 ng
RT: 14.85 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-0.16)

Tgt Ion:163 Resp: 72259

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	9.8	8.3	12.5

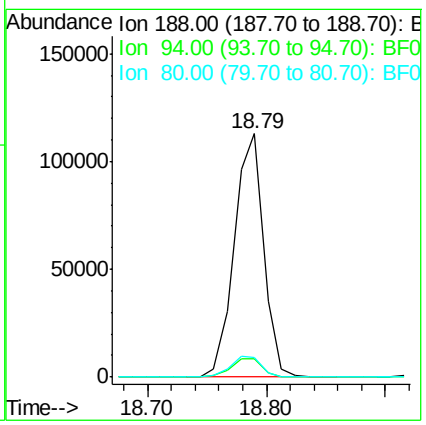


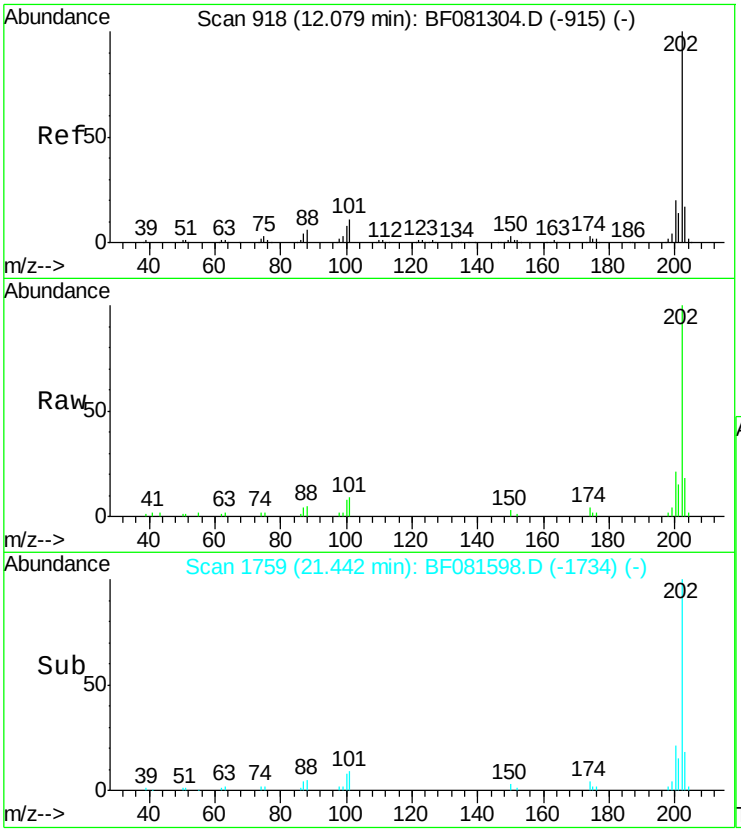


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.79 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Tgt Ion:188 Resp: 194848

Ion	Ratio	Lower	Upper
188	100		
94	7.4	11.1	16.7#
80	7.9	11.0	16.4#



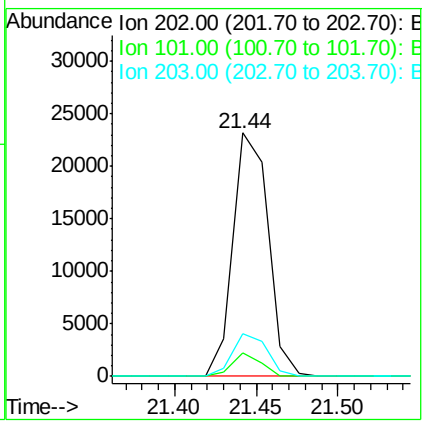


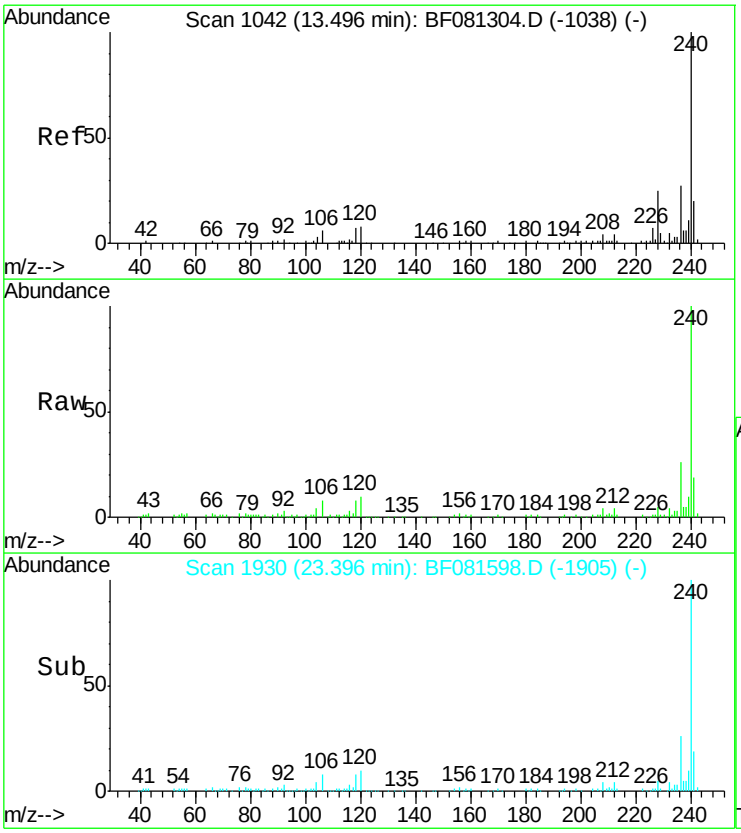
#74
Fluoranthene
Concen: 2.95 ng
RT: 21.44 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-0.16)

Tgt Ion:202 Resp: 34549

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	38.3
203	17.6	0.0	37.3

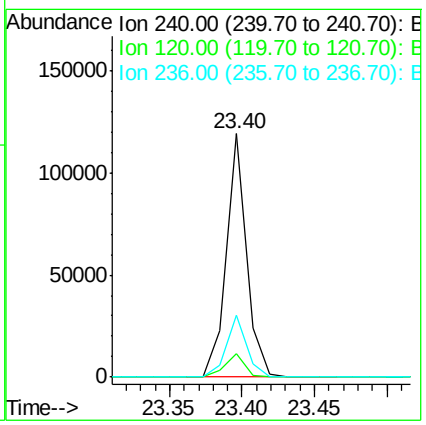


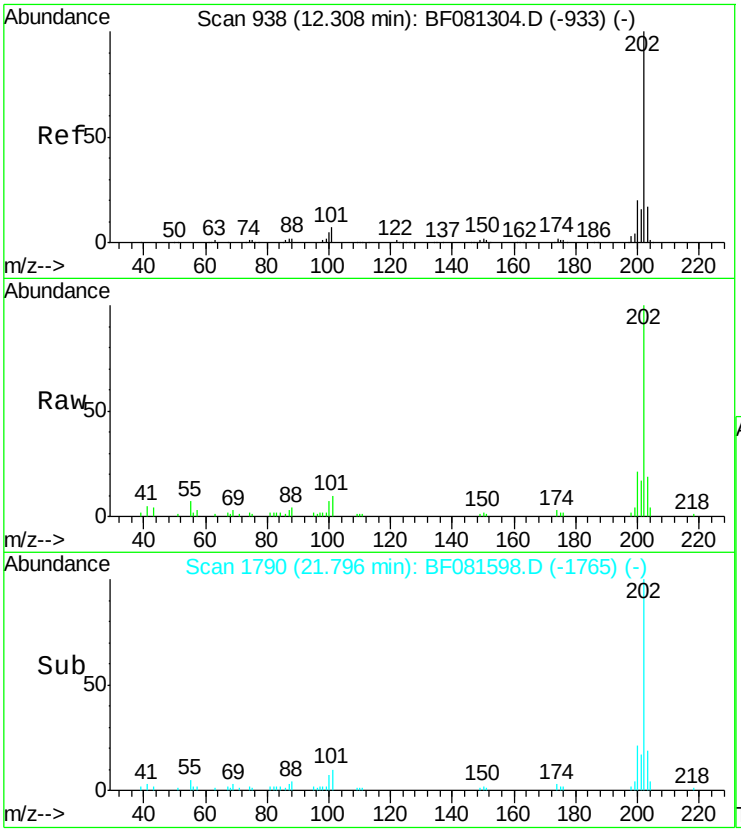


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.40 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Tgt Ion:240 Resp: 115497

Ion	Ratio	Lower	Upper
240	100		
120	9.6	16.2	24.2#
236	25.5	18.4	27.6



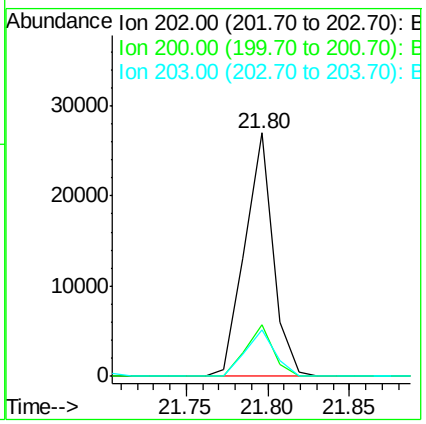


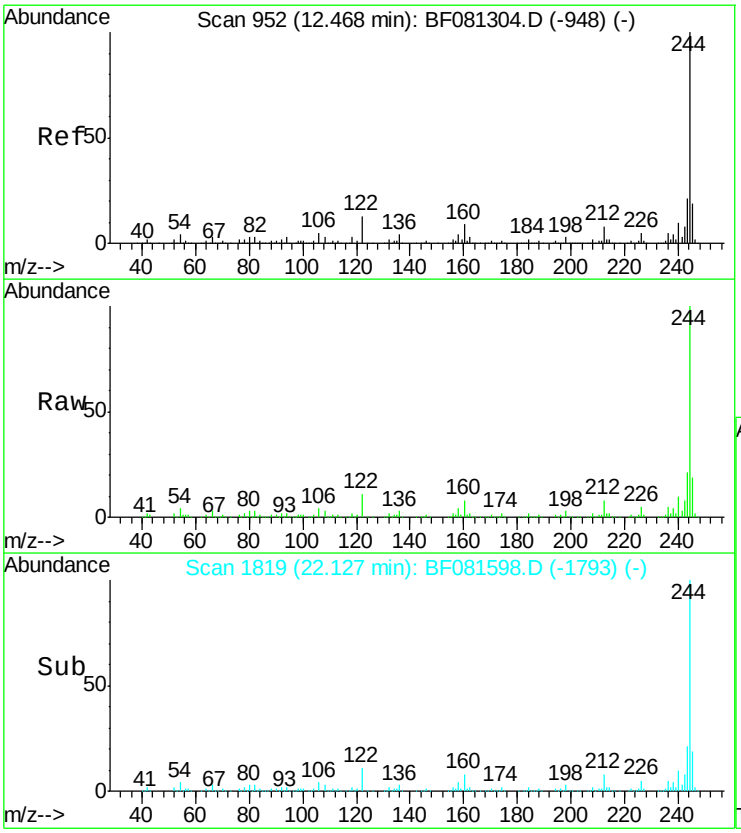
#77
Pyrene
Concen: 3.79 ng
RT: 21.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-0.16)

Tgt Ion:202 Resp: 32389

Ion	Ratio	Lower	Upper
202	100		
200	20.9	15.0	22.4
203	19.2	14.1	21.1

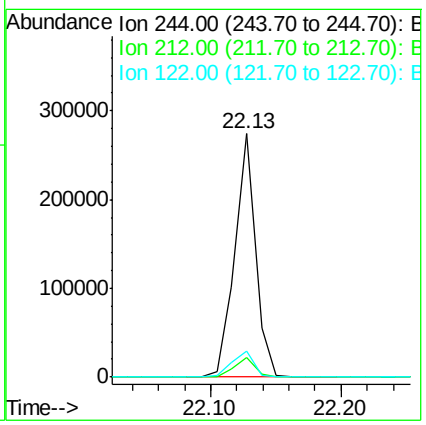


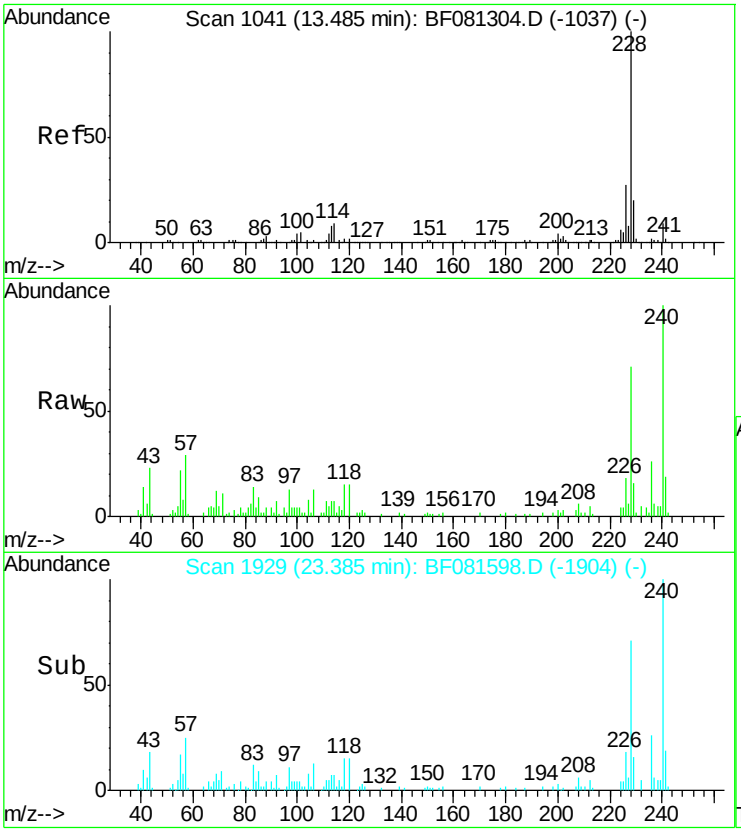


#78
Terphenyl-d14
Concen: 60.81 ng
RT: 22.13 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Tgt Ion:244 Resp: 301691

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	10.5	17.4	26.2#



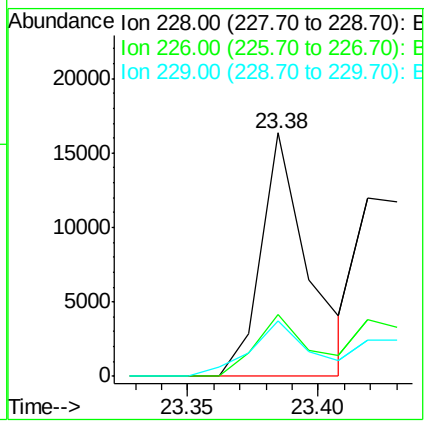


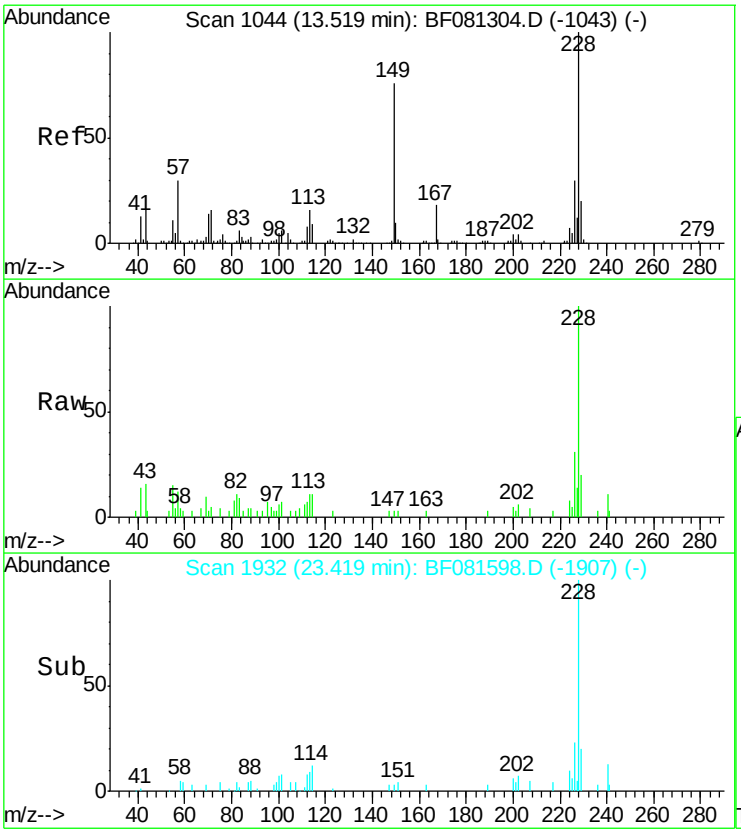
#80
Benzo(a)anthracene
Concen: 2.78 ng
RT: 23.38 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-0.16)

Tgt Ion:228 Resp: 20428

Ion	Ratio	Lower	Upper
228	100		
226	25.2	20.0	30.0
229	22.8	15.4	23.2

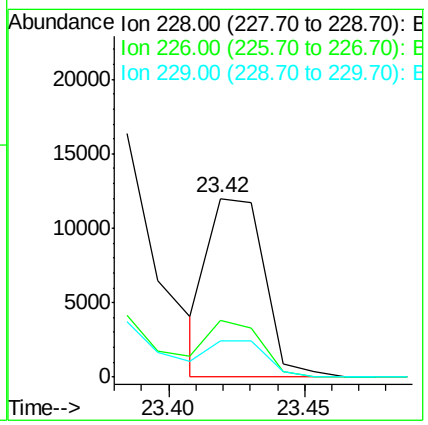


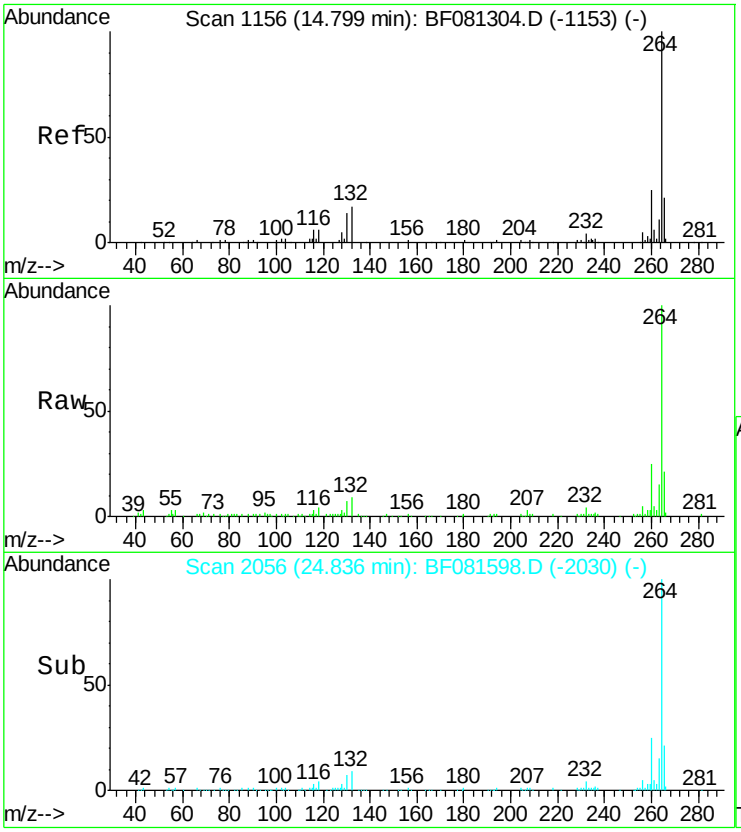


#82
Chrysene
Concen: 2.60 ng m
RT: 23.42 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Tgt Ion:228 Resp: 17122

Ion	Ratio	Lower	Upper
228	100		
226	31.5	21.0	31.4#
229	20.5	15.6	23.4



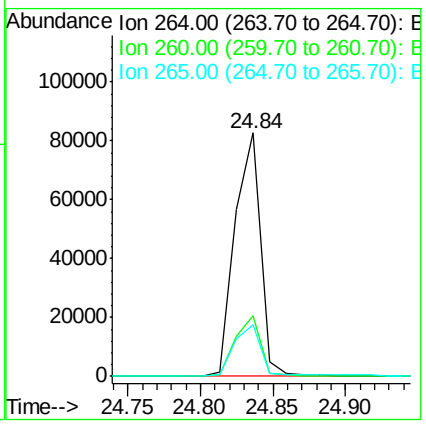


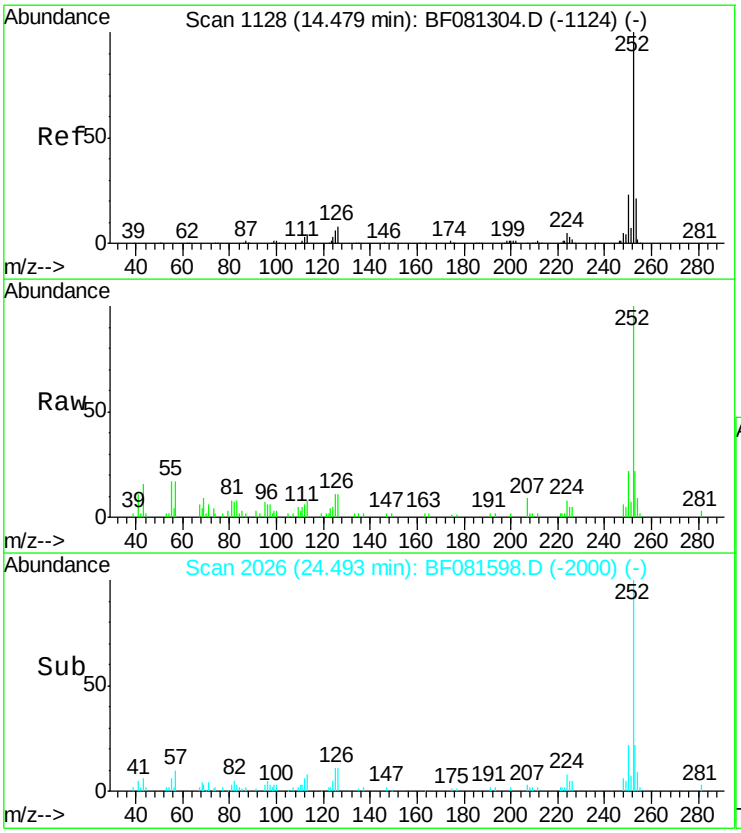
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-0.16)

Tgt Ion:264 Resp: 101658

Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	21.2	17.2	25.8

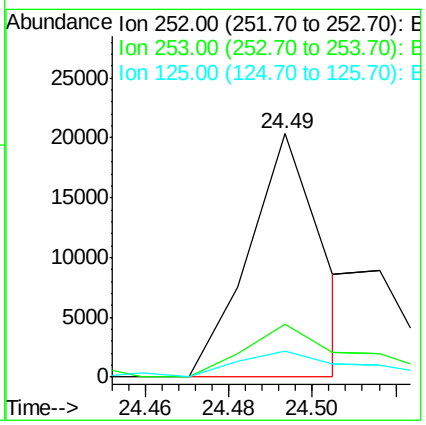


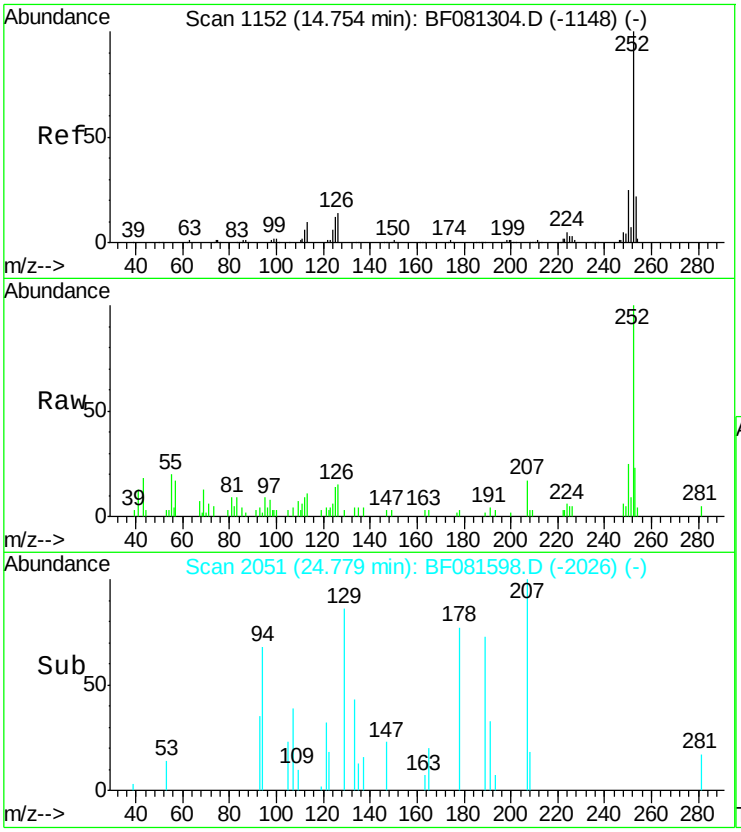


#87
Benzo(b)fluoranthene
Concen: 3.44 ng m
RT: 24.49 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Tgt Ion:252 Resp: 24994

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.6	17.1	25.7#





#89
Benzo(a)pyrene
Concen: 2.48 ng
RT: 24.78 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF081598.D
Acq: 11 Sep 2015 23:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-0.16)

Tgt Ion:252 Resp: 15255

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	13.7	18.0	27.0#