Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081591.D
Acq On : 11 Sep 2015 19:19
Operator : UM/IZ
Sample : G3511-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-0.16)

Quant Time: Sep 14 05:56:54 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	55168	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	221083	20.00	ng		-0.01
38) Acenaphthene-d10	15.28	164	99395	20.00	ng		-0.01
63) Phenanthrene-d10	18.79	188	184698	20.00	ng		0.00
75) Chrysene-d12	23.40	240	103245	20.00	ng		-0.01
86) Perylene-d12	24.84	264	91130	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	475971	133.86	ng		0.03
7) Phenol-d6	7.68	99	645689	137.19	ng		0.00
23) Nitrobenzene-d5	9.55	82	437863	95.55	ng		0.00
41) 2,4,6-Tribromophenol	17.19	330	121741	137.56	ng		-0.01
44) 2-Fluorobiphenyl	13.80	172	659885	85.08	ng		-0.01
78) Terphenyl-d14	22.13	244	395508	89.17	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.85	163	190080	24.61	ng	#	97
70) Phenanthrene	18.84	178	23947	2.33	ng		97
74) Fluoranthene	21.44	202	32868	2.96	ng		91
77) Pyrene	21.80	202	27913	3.65	ng	#	94
80) Benzo(a)anthracene	23.38	228	14221	2.16	ng		92
85) Indeno(1,2,3-cd)pyrene	25.89	276	9118	2.11	ng	#	83
87) Benzo(b)fluoranthene	24.49	252	16865m	2.59	ng		
89) Benzo(a)pyrene	24.78	252	13119	2.38	ng	#	89

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

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Misc :
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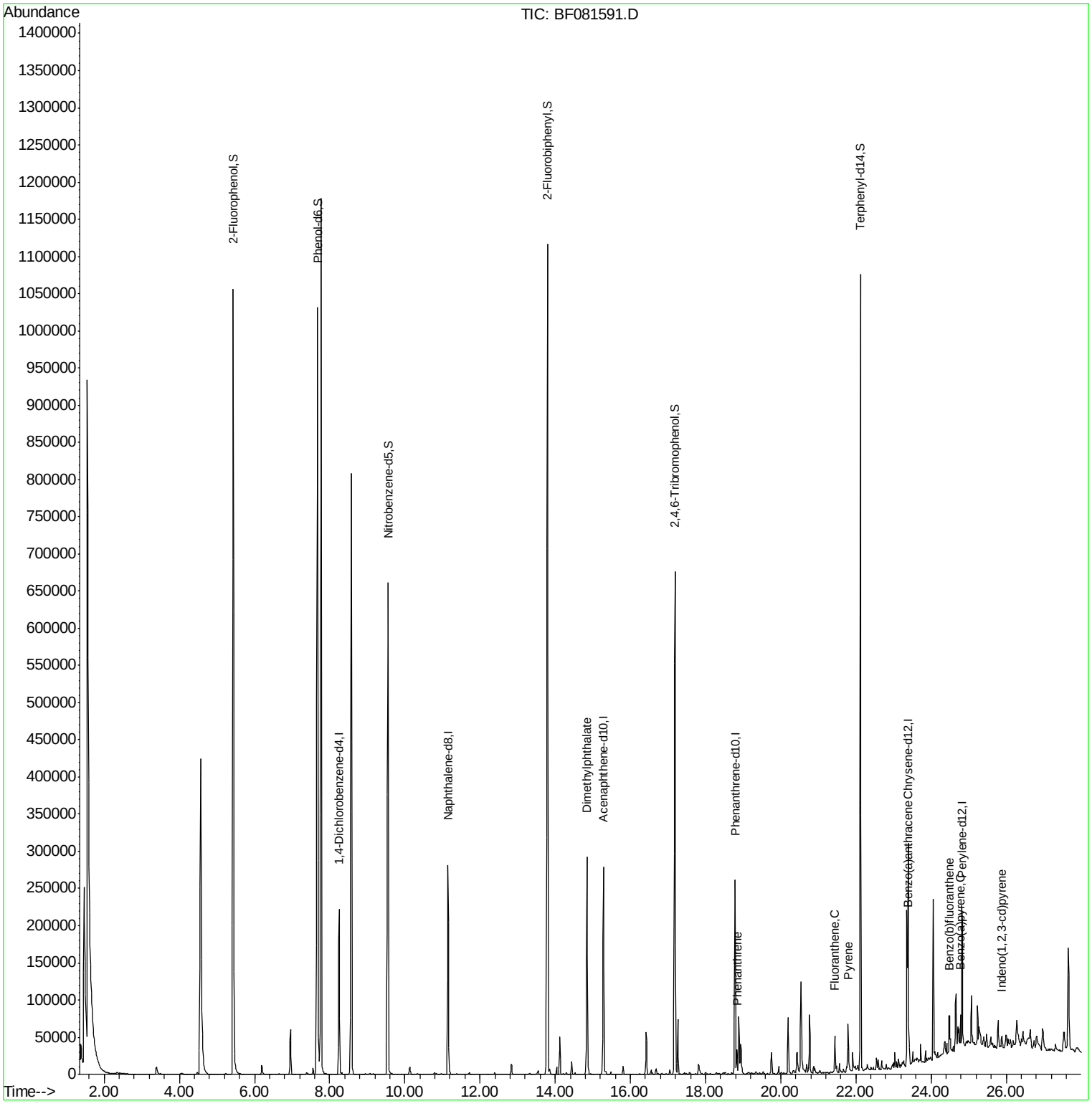
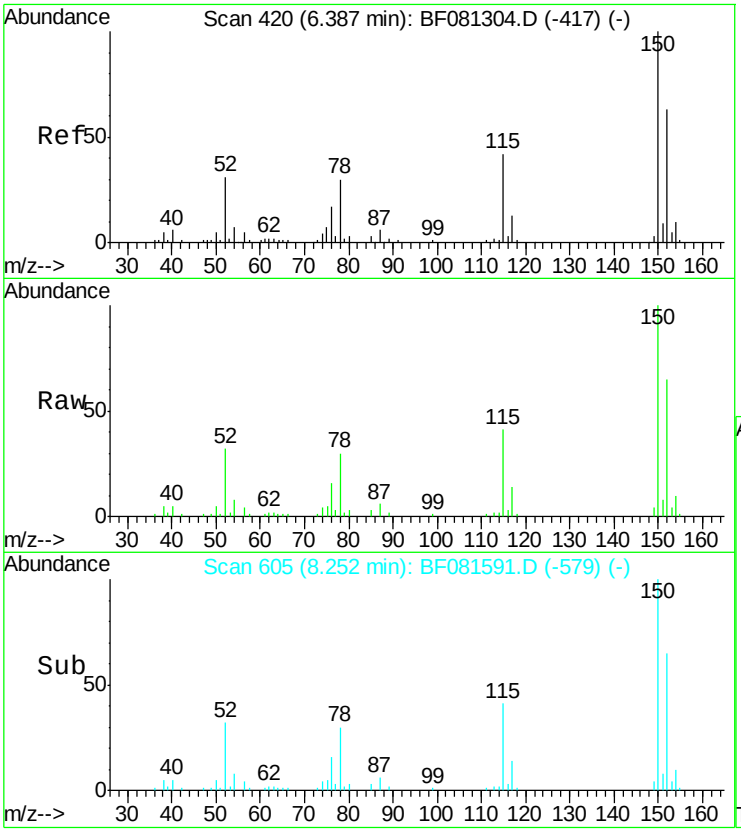


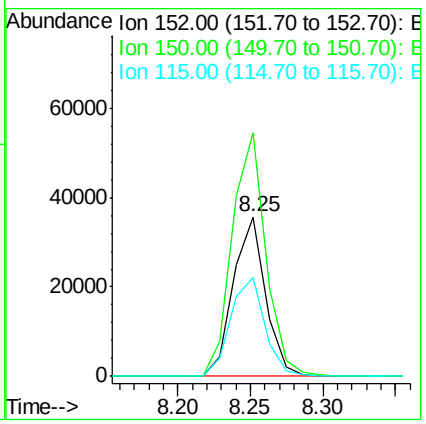


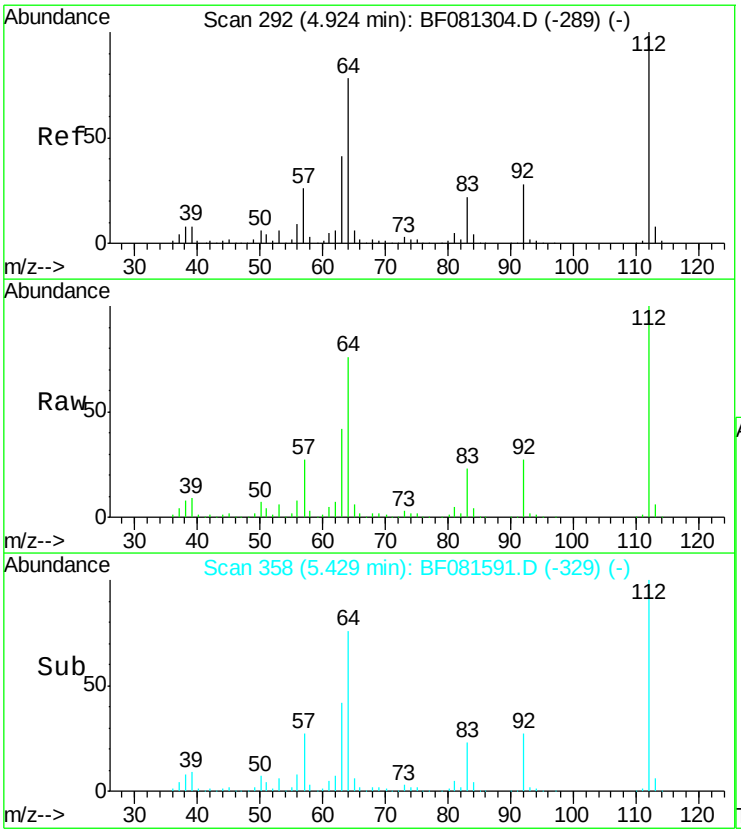
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.25 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Instrument :
BNA_F
ClientSampleId :
SB-02(0-0.16)

Tgt Ion:152 Resp: 55168

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.7	187.1
115	62.5	39.0	58.4#

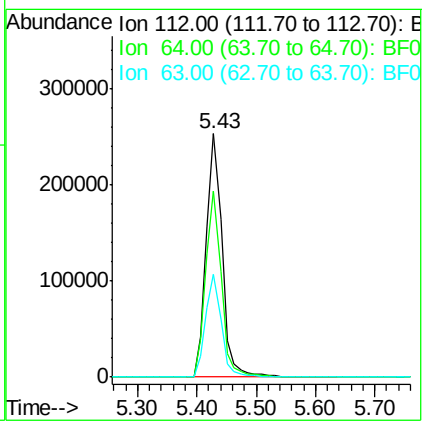


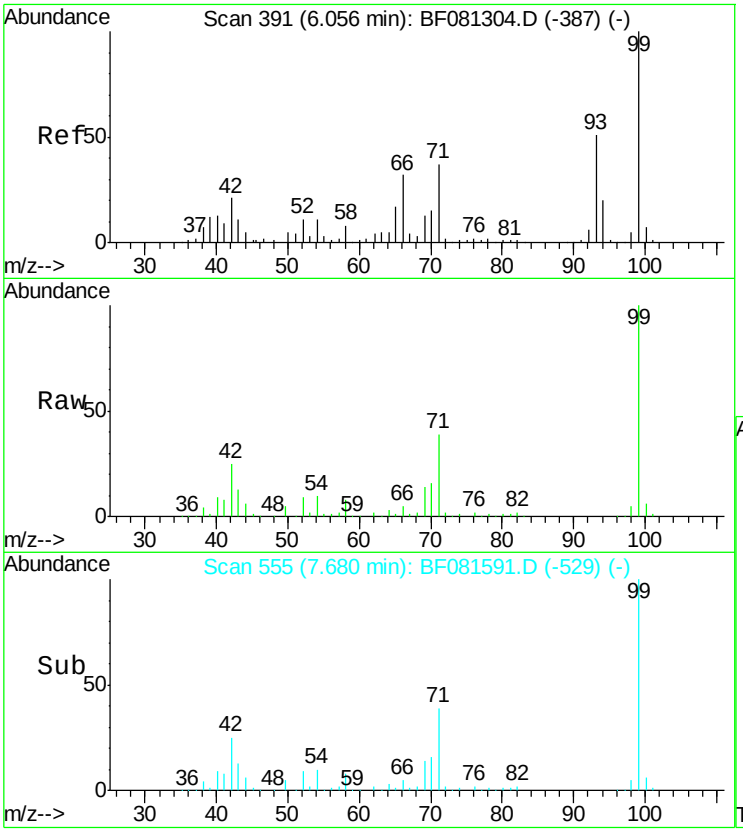


#5
2-Fluorophenol
Concen: 133.86 ng
RT: 5.43 min Scan# 358
Delta R.T. 0.03 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Tgt Ion:112 Resp: 475971

Ion	Ratio	Lower	Upper
112	100		
64	76.4	39.7	59.5#
63	42.0	17.4	26.0#



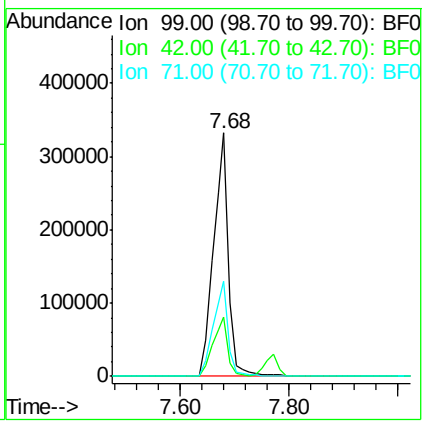


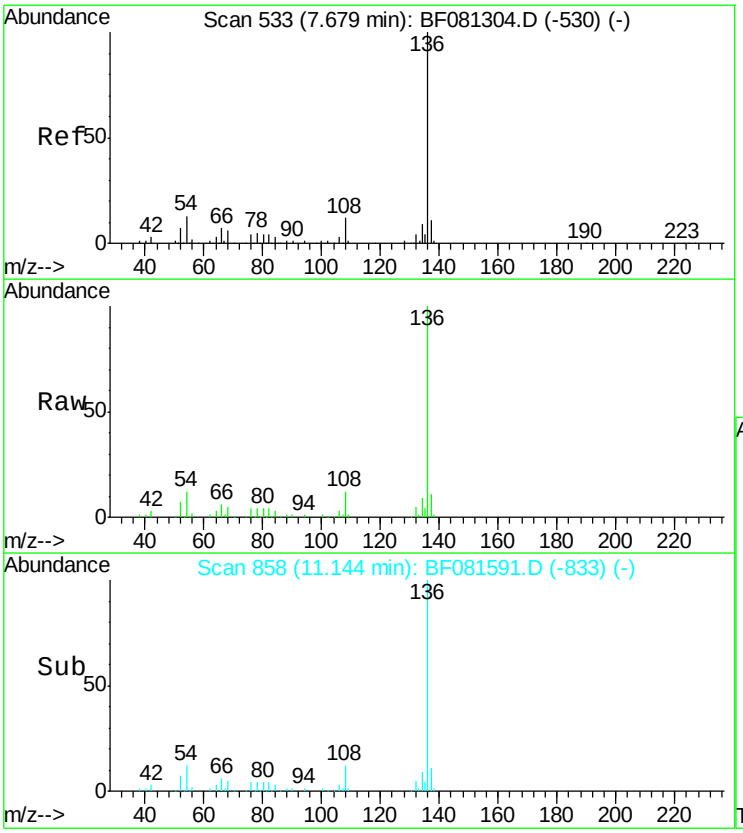
#7
Phenol-d6
Concen: 137.19 ng
RT: 7.68 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Instrument :
BNA_F
ClientSampleId :
SB-02(0-0.16)

Tgt Ion: 99 Resp: 645689

Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.7	20.5#
71	39.0	14.2	21.2#

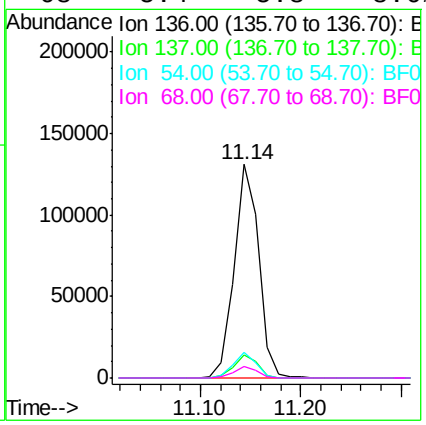


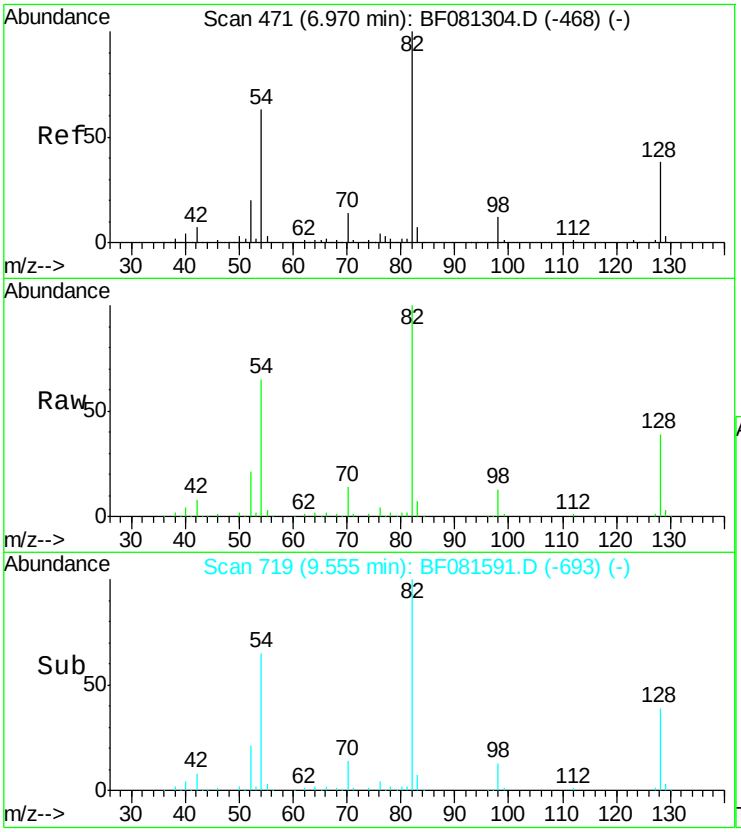


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.14 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Tgt Ion:136 Resp: 221083

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	12.0	8.2	12.2
68	5.4	5.8	8.6#



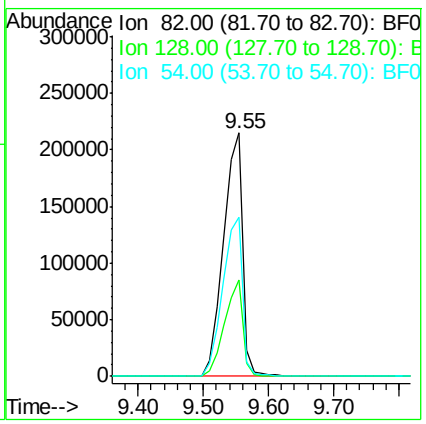


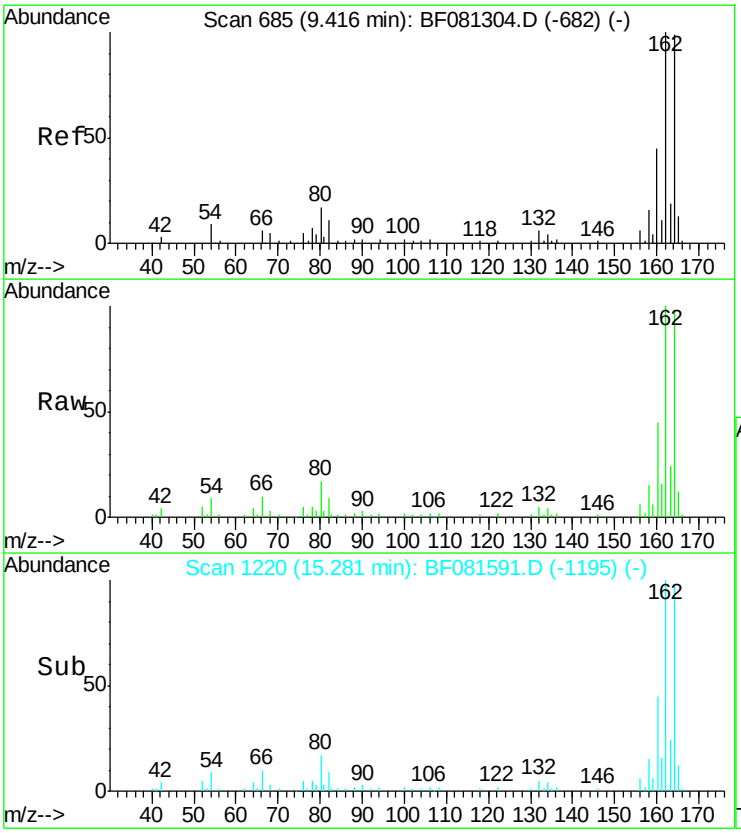
#23
Nitrobenzene-d5
Concen: 95.55 ng
RT: 9.55 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Instrument :
BNA_F
ClientSampleId :
SB-02(0-0.16)

Tgt Ion: 82 Resp: 437863

Ion	Ratio	Lower	Upper
82	100		
128	39.3	51.0	76.6#
54	65.4	47.5	71.3

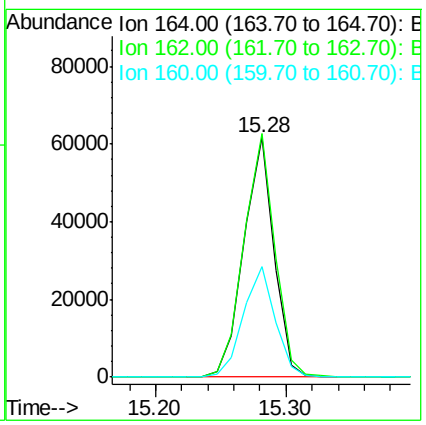


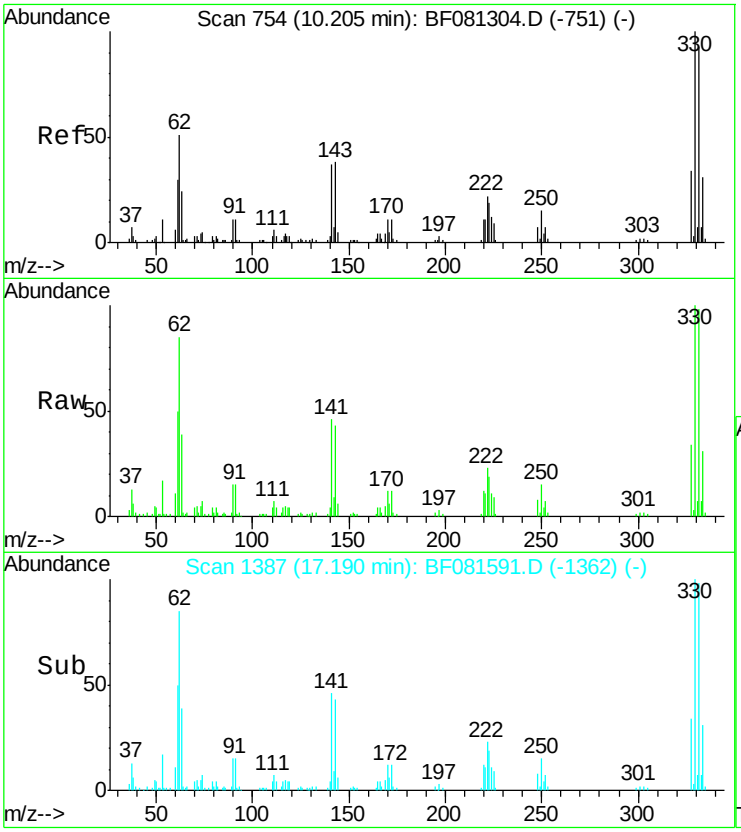


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.28 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Tgt Ion:164 Resp: 99395

Ion	Ratio	Lower	Upper
164	100		
162	101.8	75.2	112.8
160	46.1	31.5	47.3



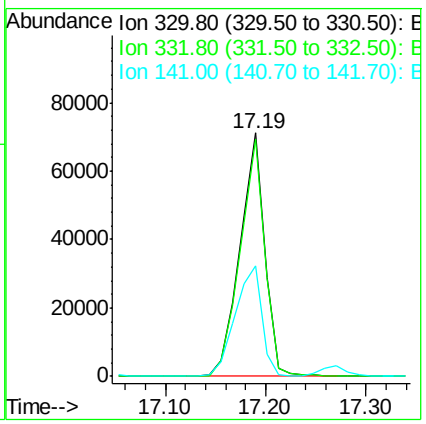


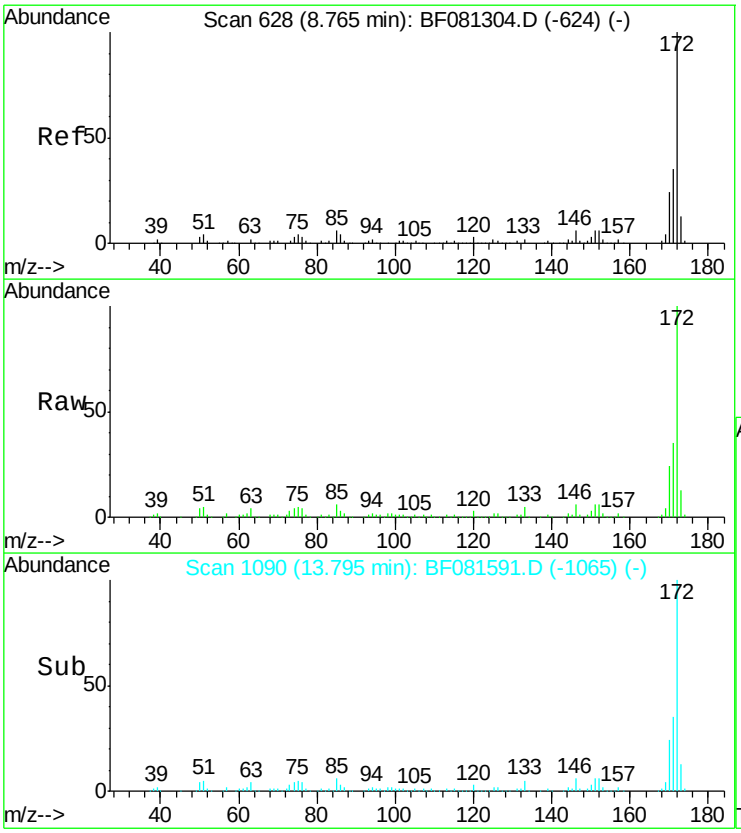
#41
2,4,6-Tribromophenol
Concen: 137.56 ng
RT: 17.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Instrument :
BNA_F
ClientSampleId :
SB-02(0-0.16)

Tgt Ion:330 Resp: 121741

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	49.3	29.7	44.5#

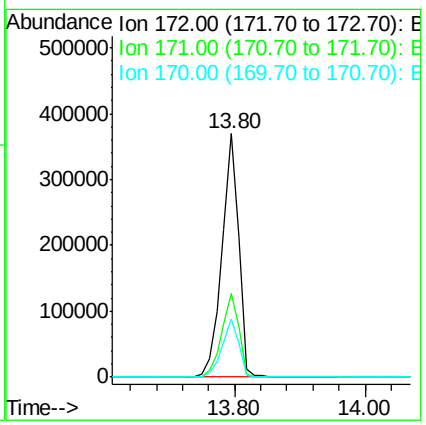


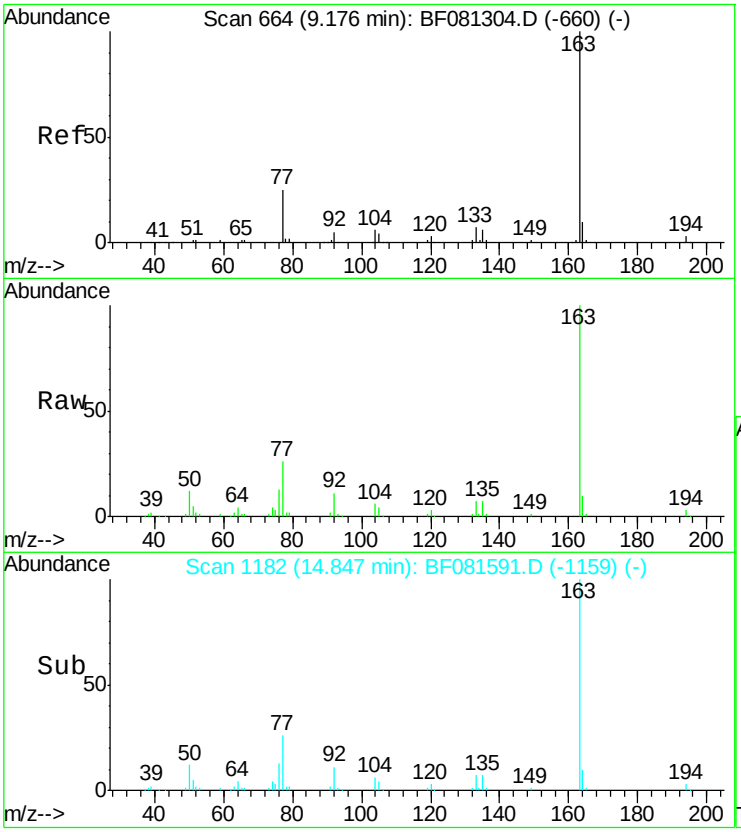


#44
2-Fluorobiphenyl
Concen: 85.08 ng
RT: 13.80 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Tgt Ion:172 Resp: 659885

Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.1	39.1
170	23.9	17.4	26.2



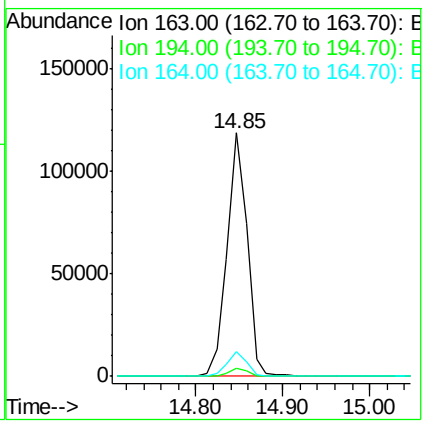


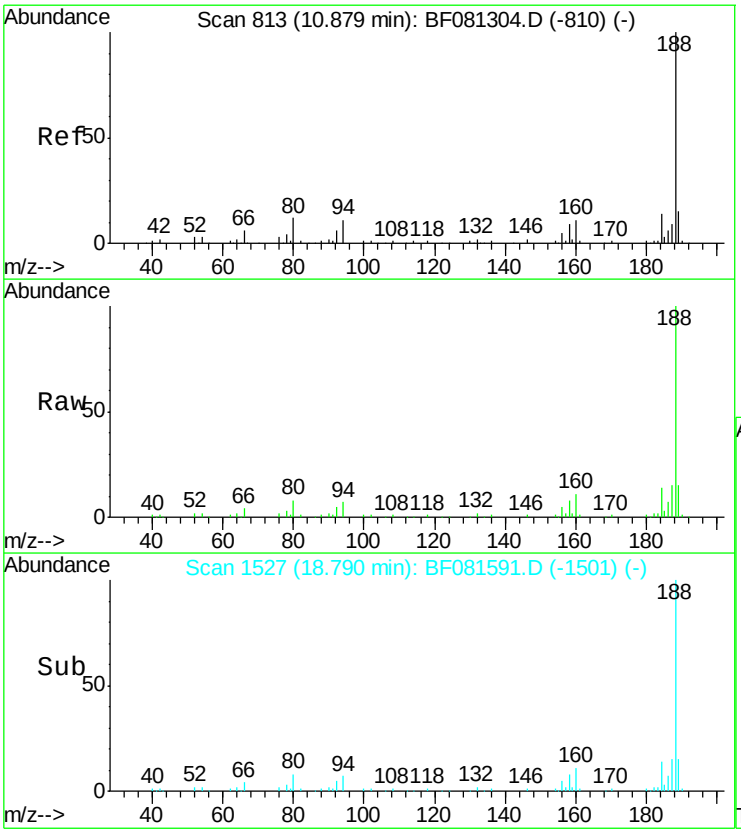
#49
Dimethylphthalate
Concen: 24.61 ng
RT: 14.85 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Instrument :
BNA_F
ClientSampleId :
SB-02(0-0.16)

Tgt Ion:163 Resp: 190080

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	10.1	8.3	12.5

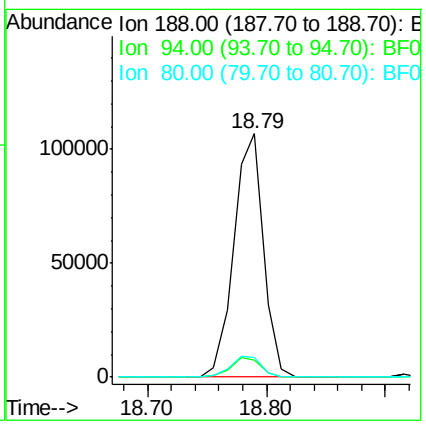


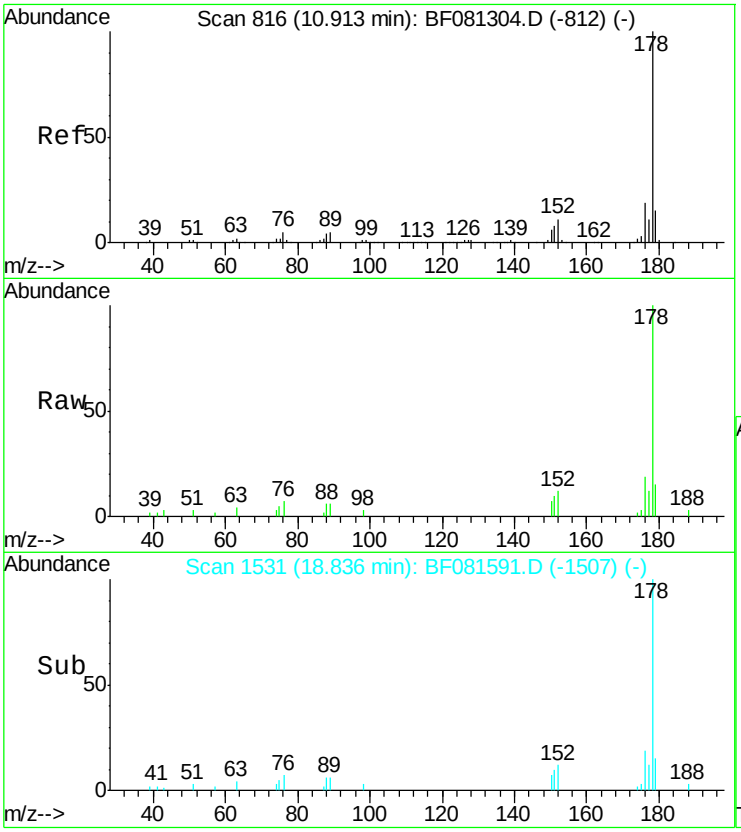


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.79 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Tgt Ion:188 Resp: 184698

Ion	Ratio	Lower	Upper
188	100		
94	7.2	11.1	16.7#
80	8.0	11.0	16.4#



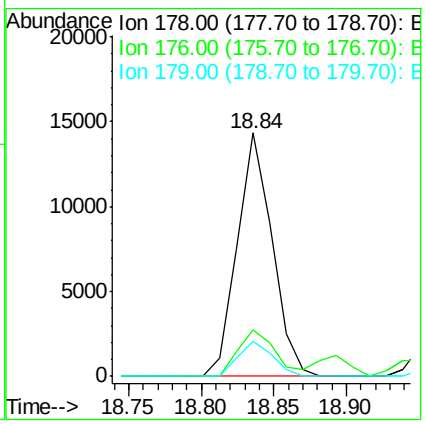


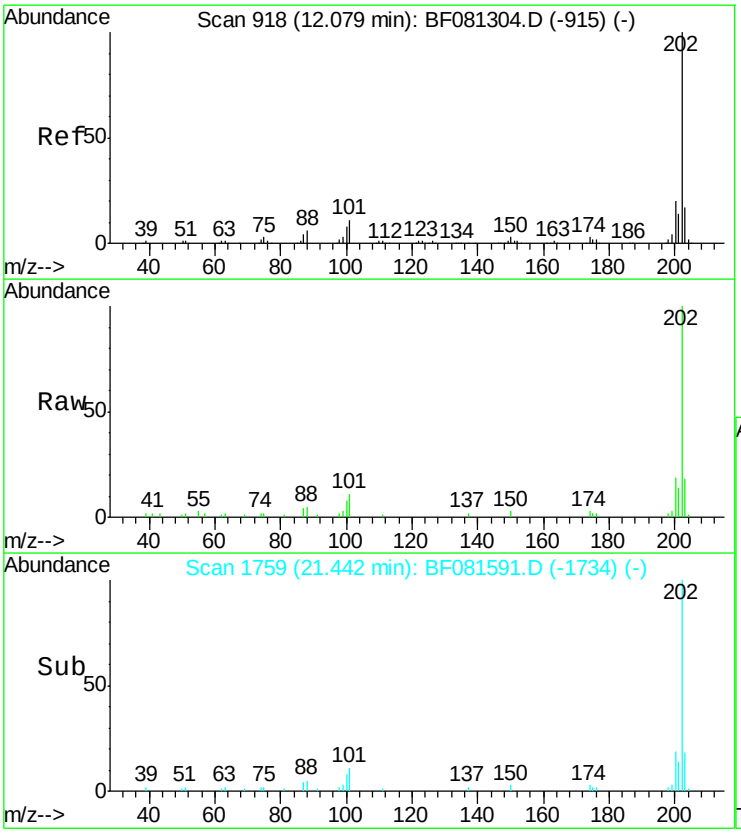
#70
Phenanthrene
Concen: 2.33 ng
RT: 18.84 min Scan# 1531
Delta R.T. -0.02 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Instrument :
BNA_F
ClientSampleId :
SB-02(0-0.16)

Tgt Ion:178 Resp: 23947

Ion	Ratio	Lower	Upper
178	100		
176	19.2	13.8	20.8
179	14.5	12.2	18.2

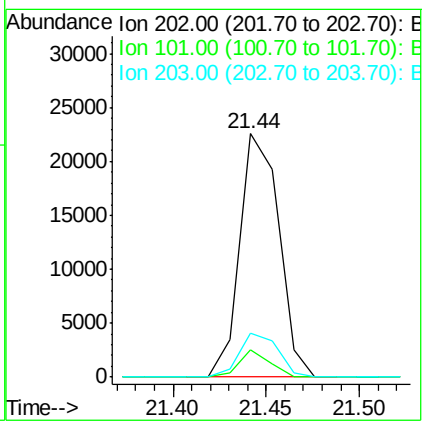


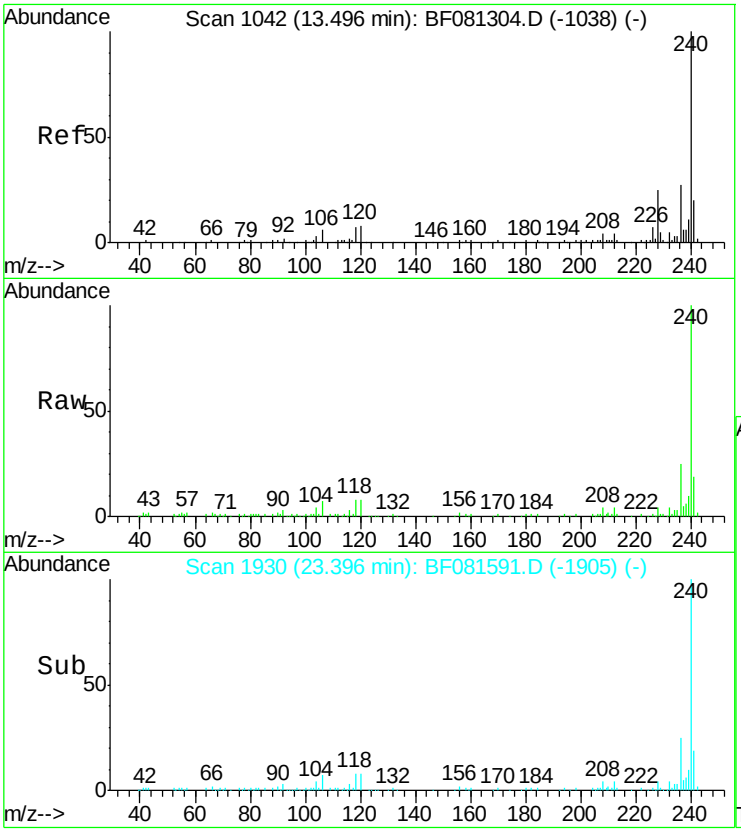


#74
Fluoranthene
Concen: 2.96 ng
RT: 21.44 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Tgt Ion:202 Resp: 32868

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	38.3
203	17.8	0.0	37.3



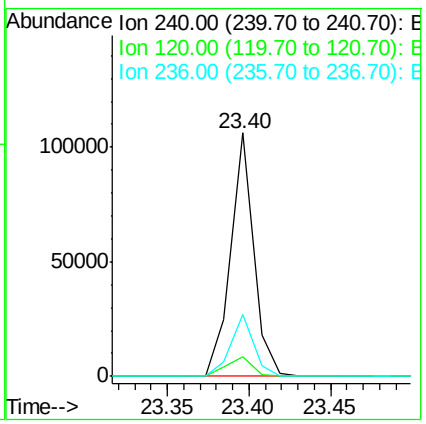


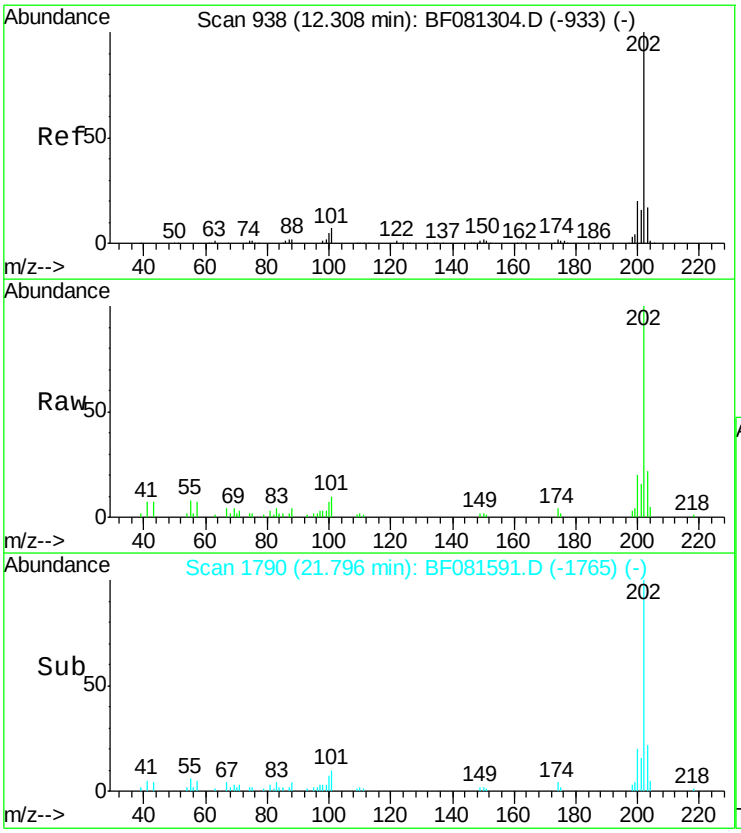
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.40 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Instrument :
BNA_F
ClientSampleId :
SB-02(0-0.16)

Tgt Ion:240 Resp: 103245

Ion	Ratio	Lower	Upper
240	100		
120	8.3	16.2	24.2#
236	25.4	18.4	27.6

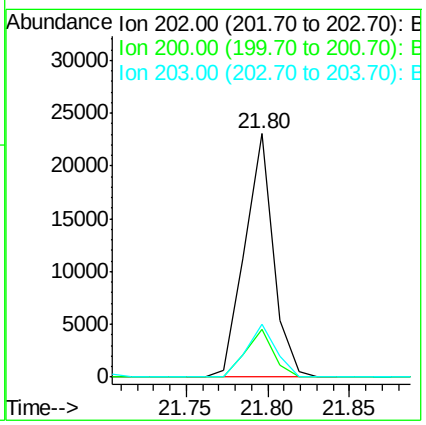


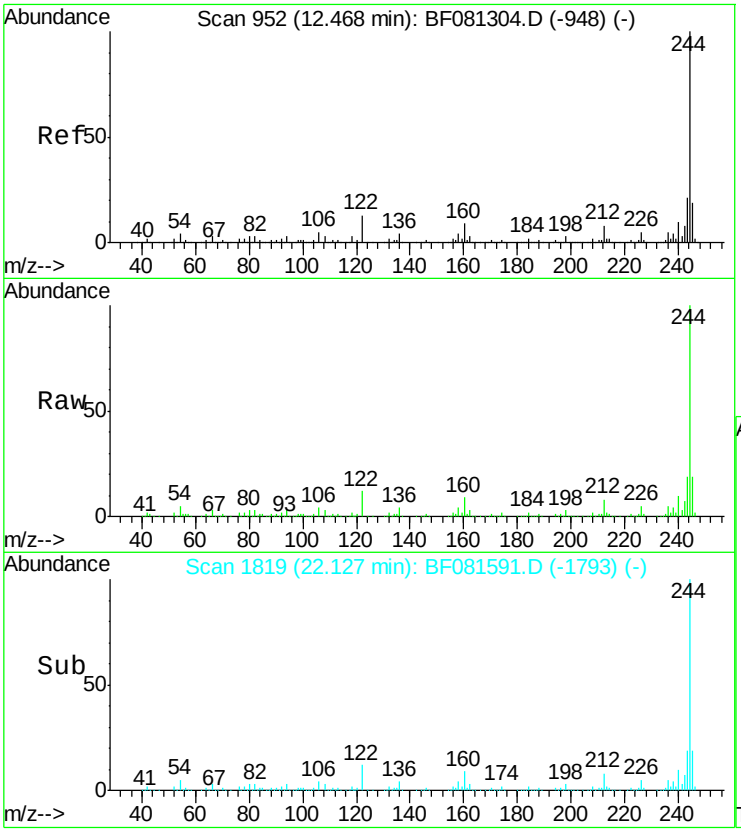


#77
Pyrene
Concen: 3.65 ng
RT: 21.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Tgt Ion:202 Resp: 27913

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.0	22.4
203	21.9	14.1	21.1#



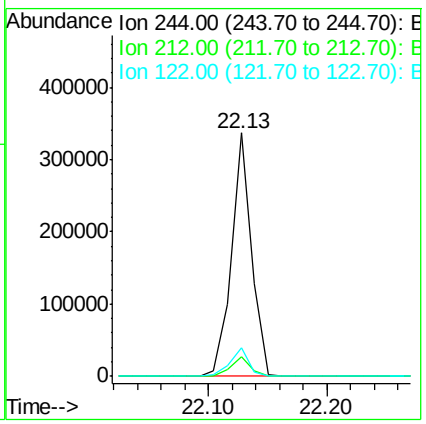


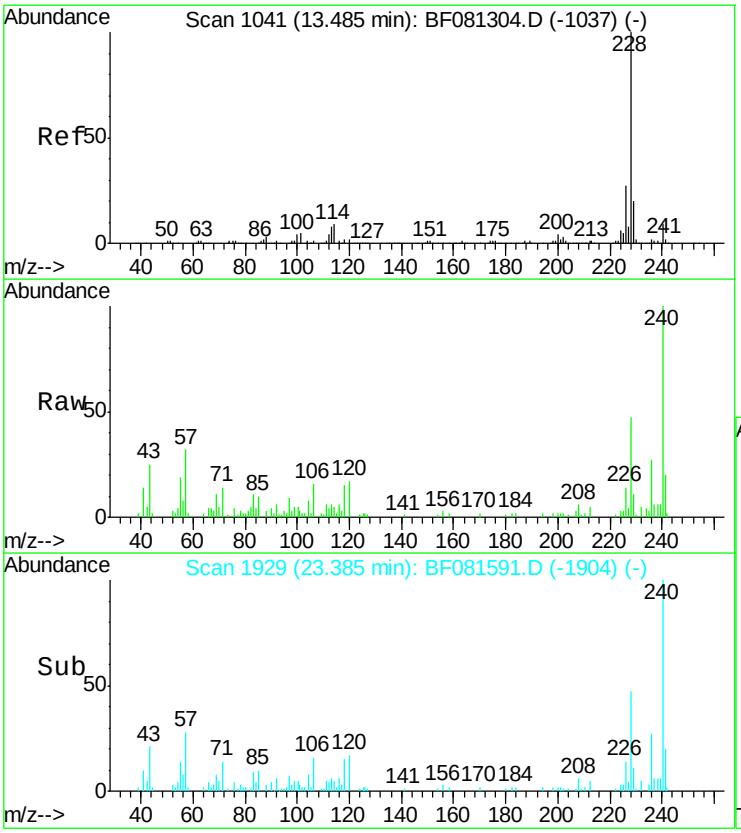
#78
Terphenyl-d14
Concen: 89.17 ng
RT: 22.13 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Instrument :
BNA_F
ClientSampleId :
SB-02(0-0.16)

Tgt Ion:244 Resp: 395508

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	11.7	17.4	26.2#

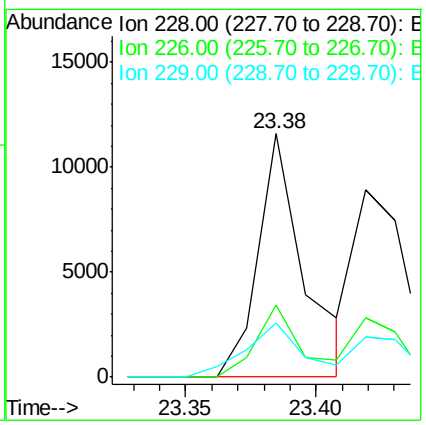


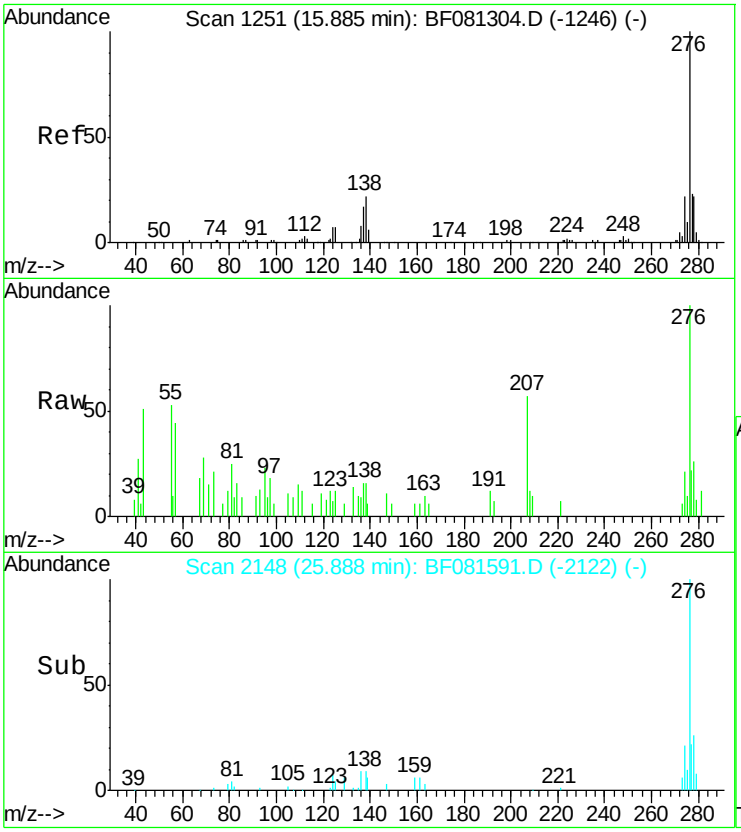


#80
Benzo(a)anthracene
Concen: 2.16 ng
RT: 23.38 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Tgt Ion:228 Resp: 14221

Ion	Ratio	Lower	Upper
228	100		
226	29.7	20.0	30.0
229	22.5	15.4	23.2



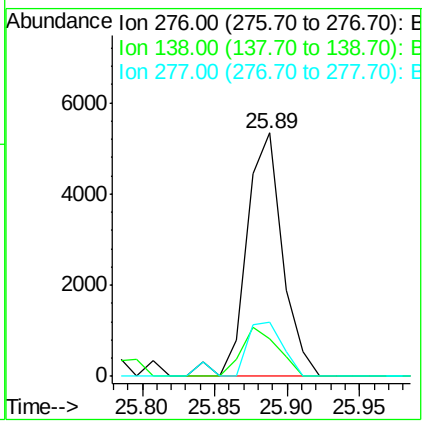


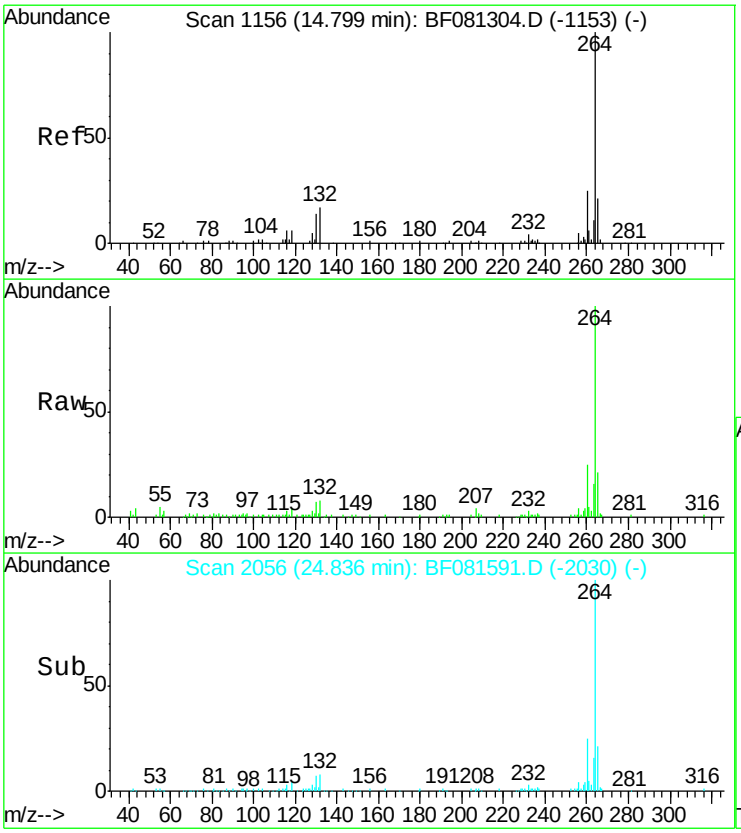
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.11 ng
RT: 25.89 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Instrument :
BNA_F
ClientSampleId :
SB-02(0-0.16)

Tgt Ion:276 Resp: 9118

Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.7	38.5#
277	24.1	15.6	23.4#

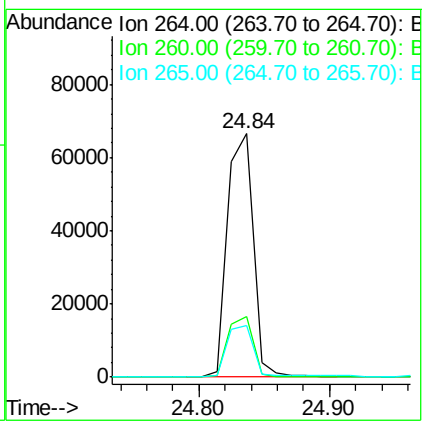


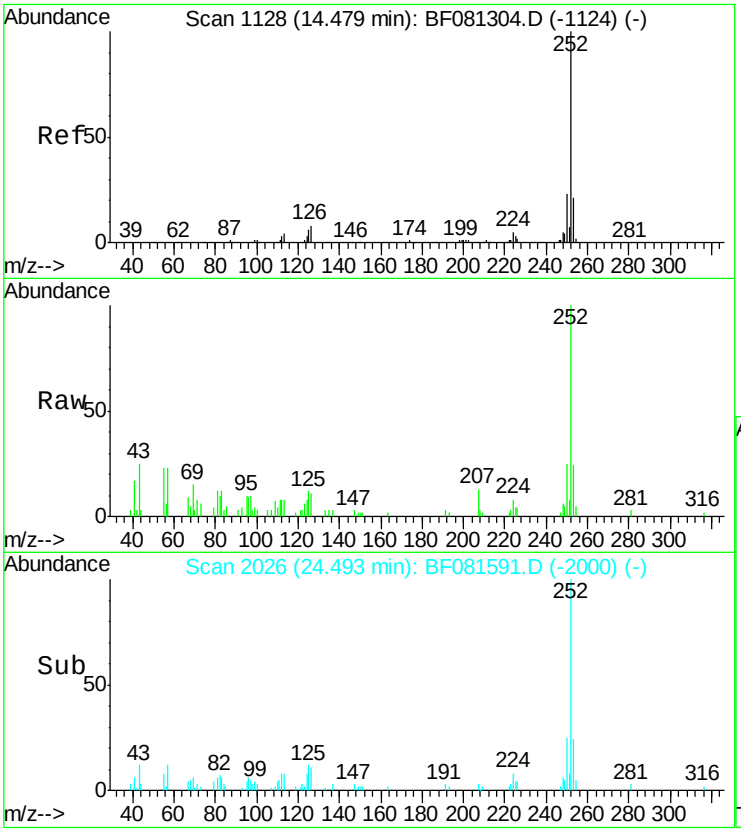


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Tgt Ion:264 Resp: 91130

Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	21.1	17.2	25.8



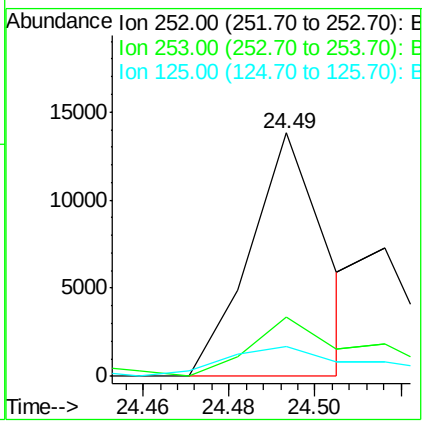


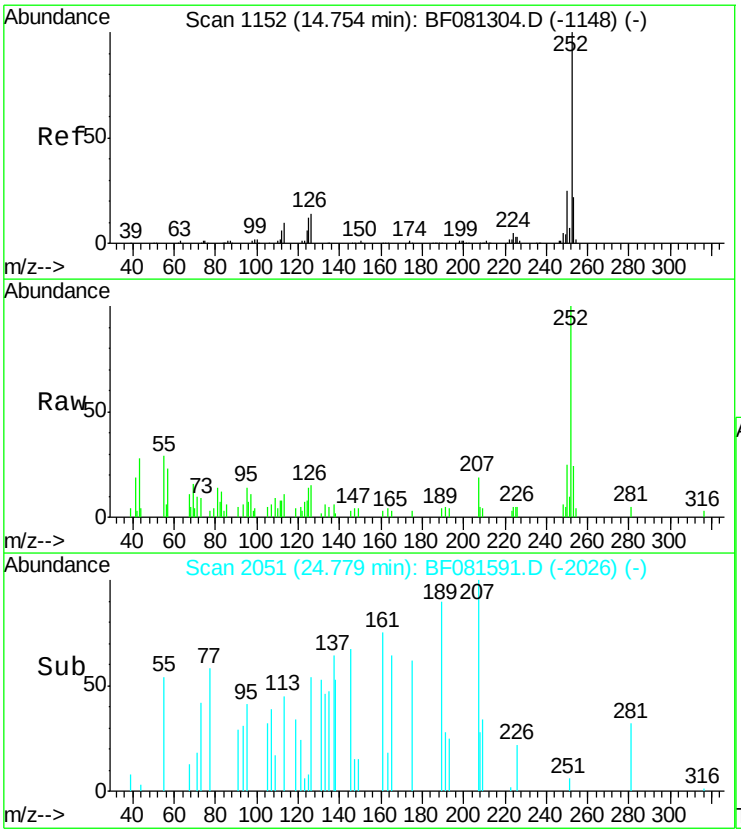
#87
Benzo(b)fluoranthene
Concen: 2.59 ng m
RT: 24.49 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Instrument :
BNA_F
ClientSampleId :
SB-02(0-0.16)

Tgt Ion:252 Resp: 16865

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	12.4	17.1	25.7#





#89
Benzo(a)pyrene
Concen: 2.38 ng
RT: 24.78 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF081591.D
Acq: 11 Sep 2015 19:19

Tgt Ion:252 Resp: 13119

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	14.4	18.0	27.0#