Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081581.D
Acq On : 10 Sep 2015 23:24
Operator : UM/IZ
Sample : G3497-01RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Time: Sep 11 00:46:18 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 00:38:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	48284	20.00	ng		0.01
21) Naphthalene-d8	11.18	136	187707	20.00	ng		0.01
38) Acenaphthene-d10	15.32	164	78558	20.00	ng		0.01
63) Phenanthrene-d10	18.82	188	133242	20.00	ng		0.01
75) Chrysene-d12	23.43	240	91365	20.00	ng		0.01
86) Perylene-d12	24.87	264	54132	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	497881	159.98	ng		0.05
7) Phenol-d6	7.73	99	679932	165.06	ng		0.03
23) Nitrobenzene-d5	9.58	82	445494	114.51	ng		0.01
41) 2,4,6-Tribromophenol	17.22	330	98490	140.80	ng		0.01
44) 2-Fluorobiphenyl	13.83	172	655195	106.88	ng		0.01
78) Terphenyl-d14	22.16	244	391432	99.73	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.55	88	4028	2.88	ng	#	11
15) Benzyl Alcohol	8.61	79	8007	2.37	ng	#	32
19) n-Nitroso-di-n-propylamine	9.58	70	60841	21.70	ng	#	66
31) Naphthalene	11.22	128	32548	3.25	ng		99
37) 2-Methylnaphthalene	12.87	142	25448	3.91	ng	#	80
49) Dimethylphthalate	14.88	163	93234	15.28	ng	#	96
55) 4-Nitrophenol	15.81	139	4382	4.42	ng	#	25
70) Phenanthrene	18.88	178	28868	3.90	ng		96
71) Anthracene	18.88	178	28868	3.79	ng		96
74) Fluoranthene	21.48	202	24017	3.00	ng		87
77) Pyrene	21.83	202	22342	3.30	ng	#	93
82) Chrysene	23.45	228	14427	2.77	ng	#	86
87) Benzo(b)fluoranthene	24.53	252	14398	3.73	ng		93
88) Benzo(k)fluoranthene	24.53	252	14398	4.49	ng	#	91
91) Benzo(g,h,i)perylene	26.25	276	5216	2.16	ng	#	78

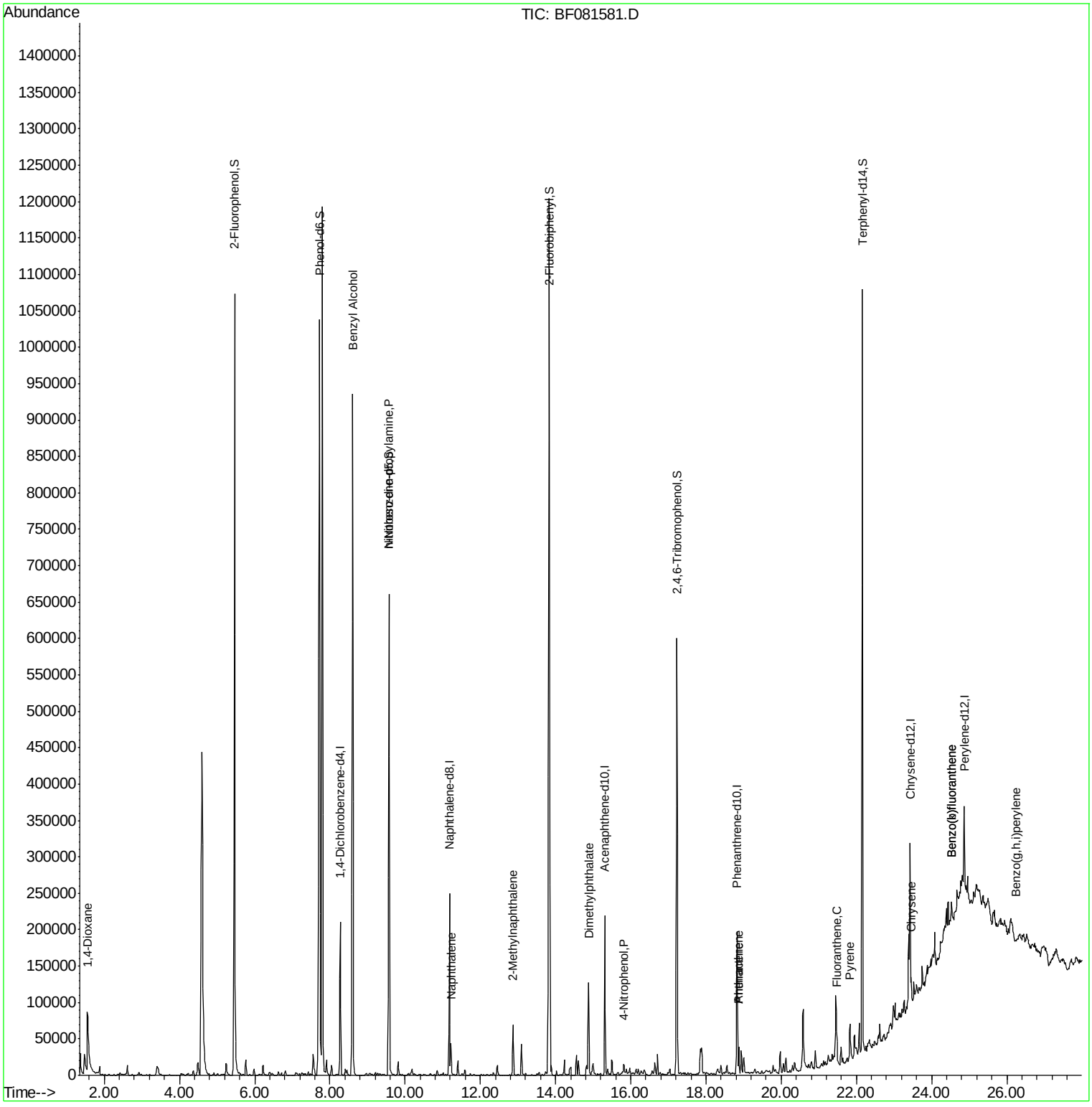
(#) = qualifier out of range (m) = manual integration (+) = signals summed

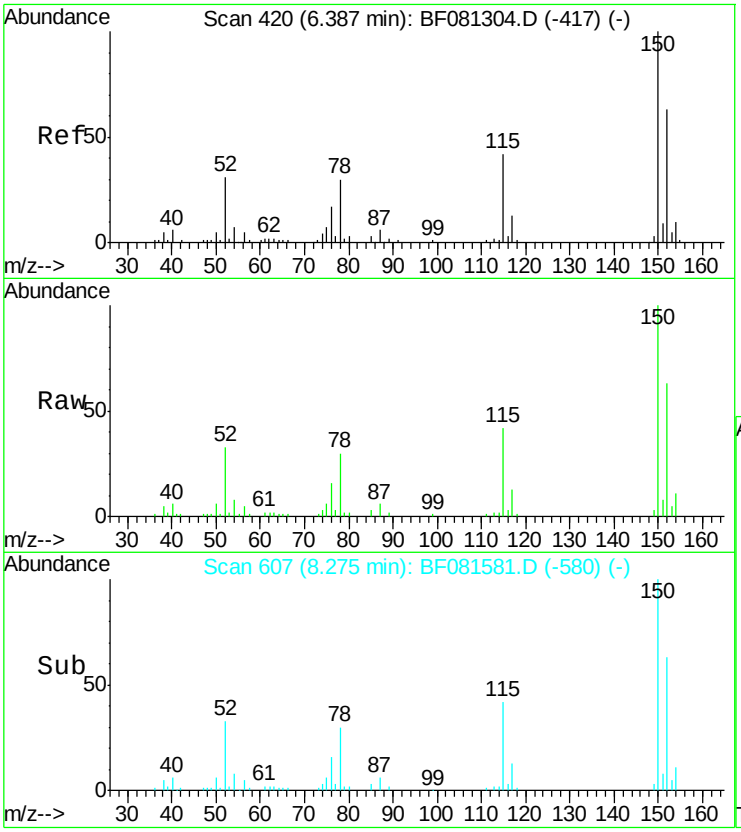
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081581.D
Acq On : 10 Sep 2015 23:24
Operator : UM/IZ
Sample : G3497-01RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B4

Quant Time: Sep 11 00:46:18 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 00:38:02 2015
Response via : Initial Calibration



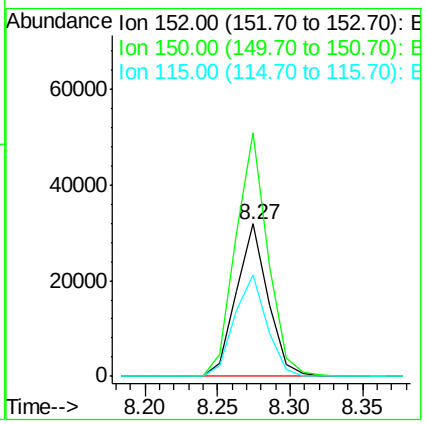


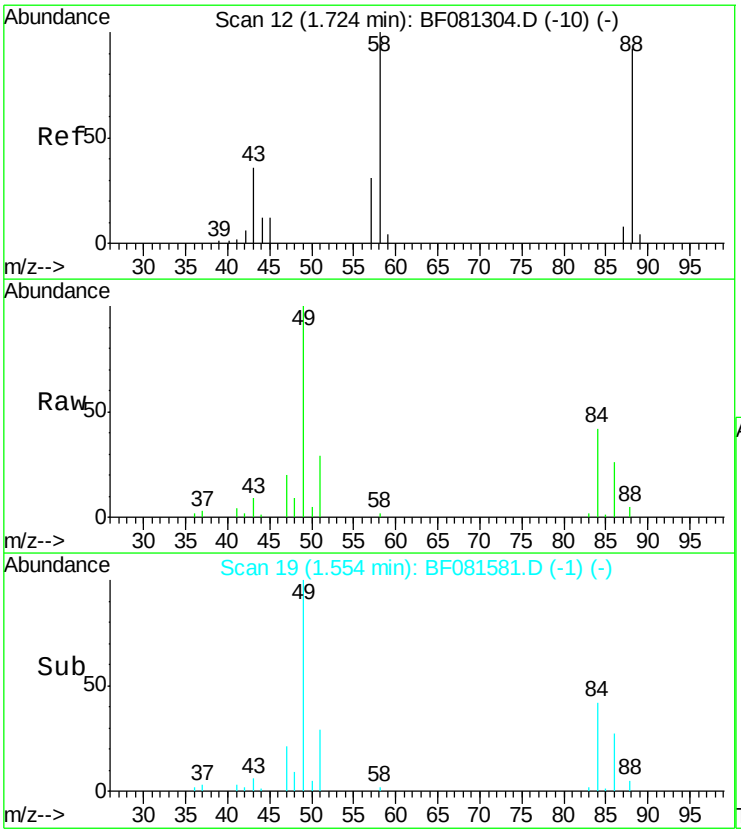
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:152 Resp: 48284

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.7	187.1
115	66.5	39.0	58.4#

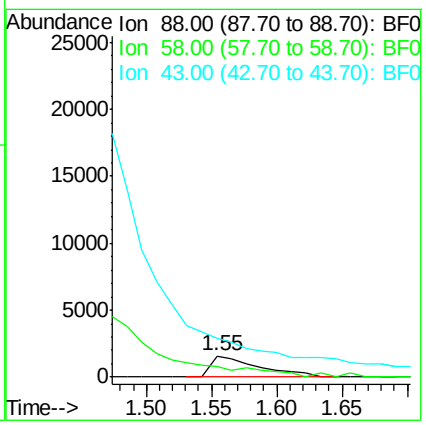


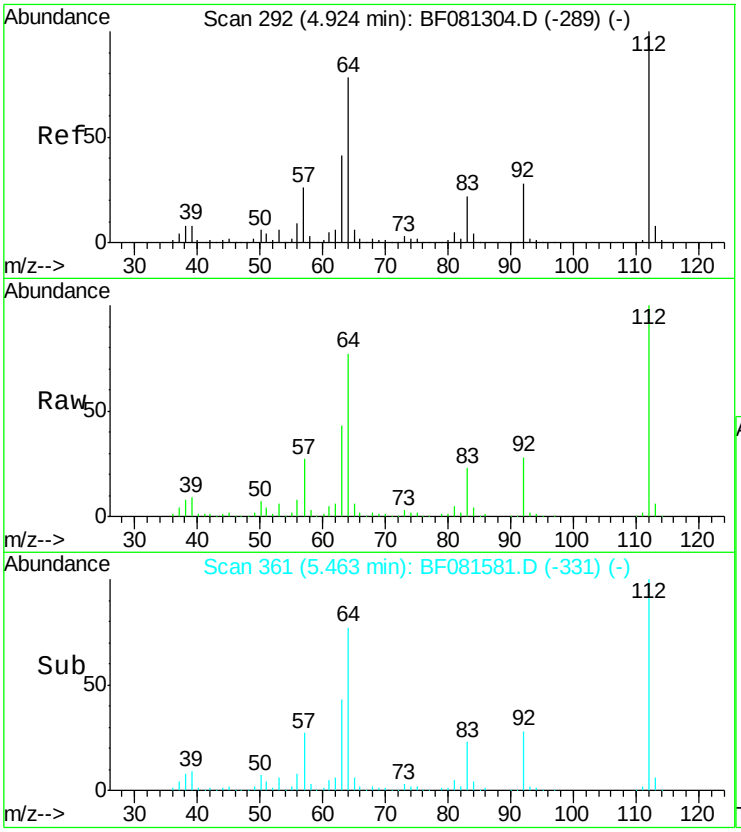


#2
1,4-Dioxane
Concen: 2.88 ng
RT: 1.55 min Scan# 19
Delta R.T. -0.05 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Tgt Ion: 88 Resp: 4028

Ion	Ratio	Lower	Upper
88	100		
58	0.0	77.7	116.5#
43	0.0	26.6	40.0#



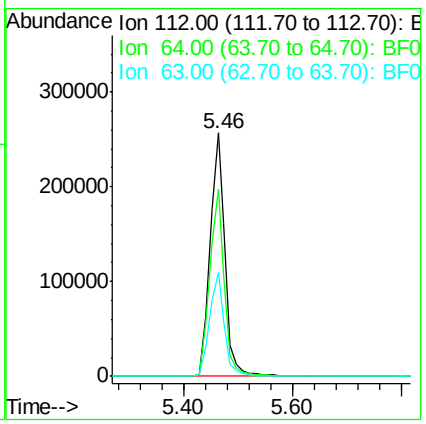


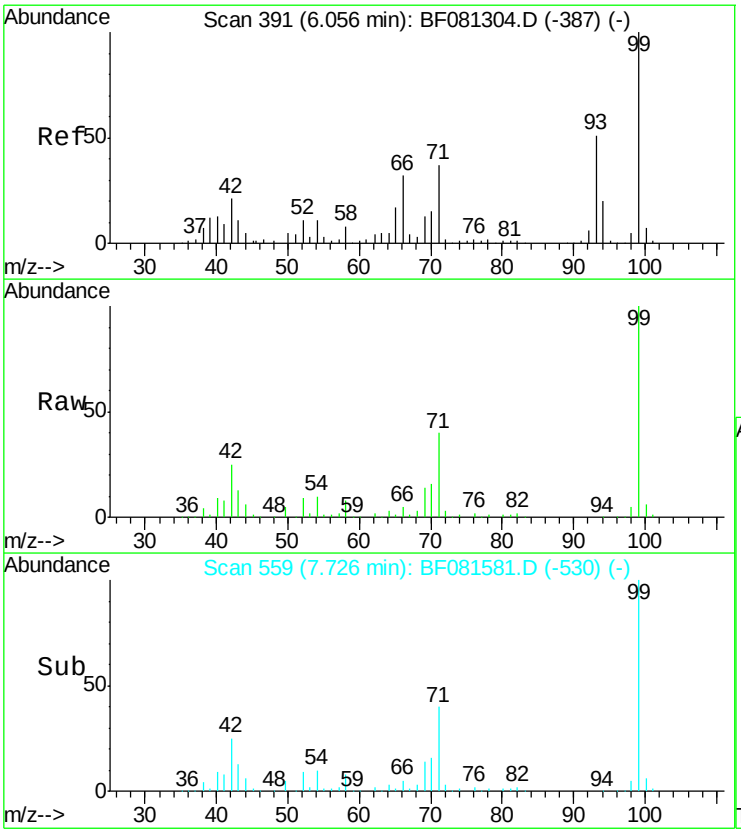
#5
2-Fluorophenol
Concen: 159.98 ng
RT: 5.46 min Scan# 361
Delta R.T. 0.05 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:112 Resp: 497881

Ion	Ratio	Lower	Upper
112	100		
64	76.8	39.7	59.5#
63	42.6	17.4	26.0#

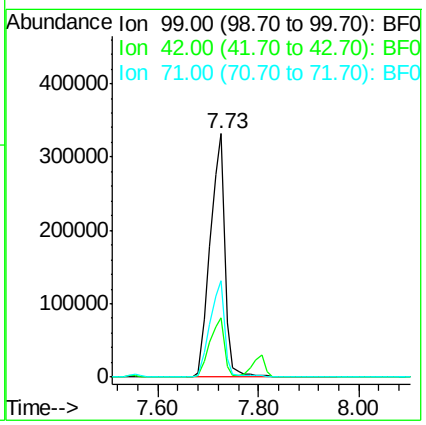


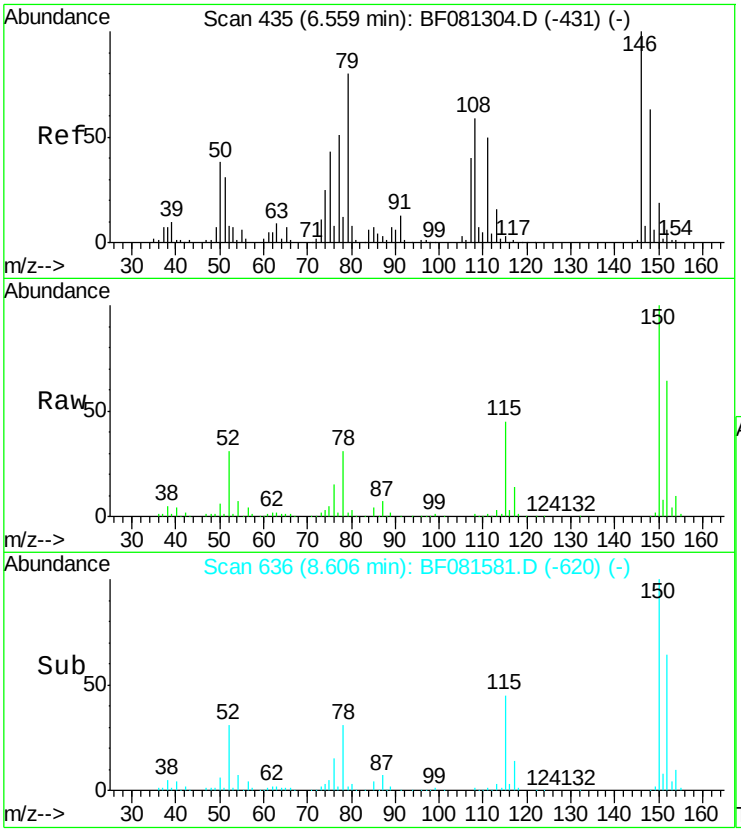


#7
Phenol-d6
Concen: 165.06 ng
RT: 7.73 min Scan# 559
Delta R.T. 0.03 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Tgt Ion: 99 Resp: 679932

Ion	Ratio	Lower	Upper
99	100		
42	24.6	13.7	20.5#
71	39.6	14.2	21.2#



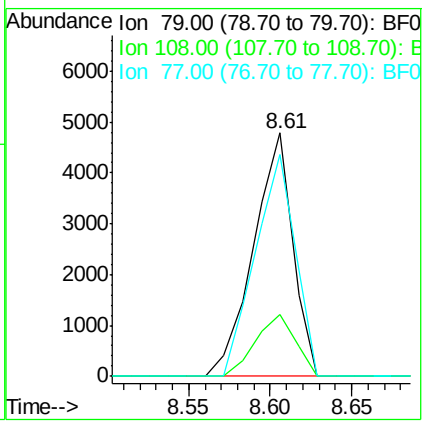


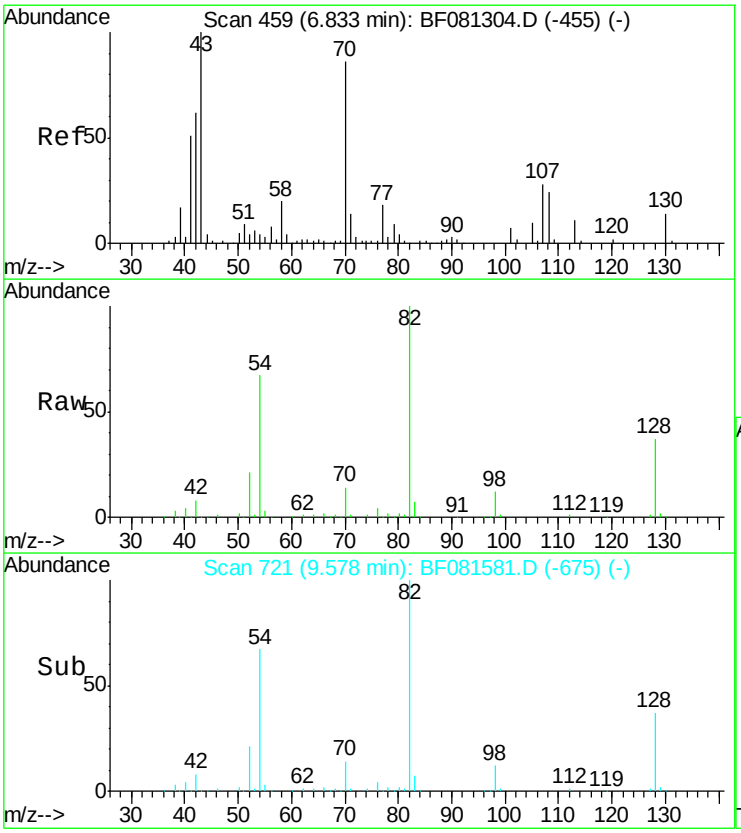
#15
Benzyl Alcohol
Concen: 2.37 ng
RT: 8.61 min Scan# 636
Delta R.T. -0.11 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion: 79 Resp: 8007

Ion	Ratio	Lower	Upper
79	100		
108	25.2	88.6	132.8#
77	91.0	47.0	70.4#

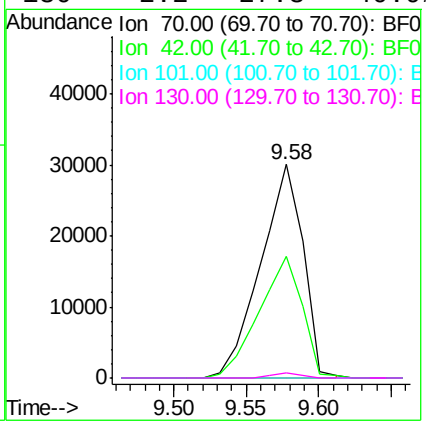


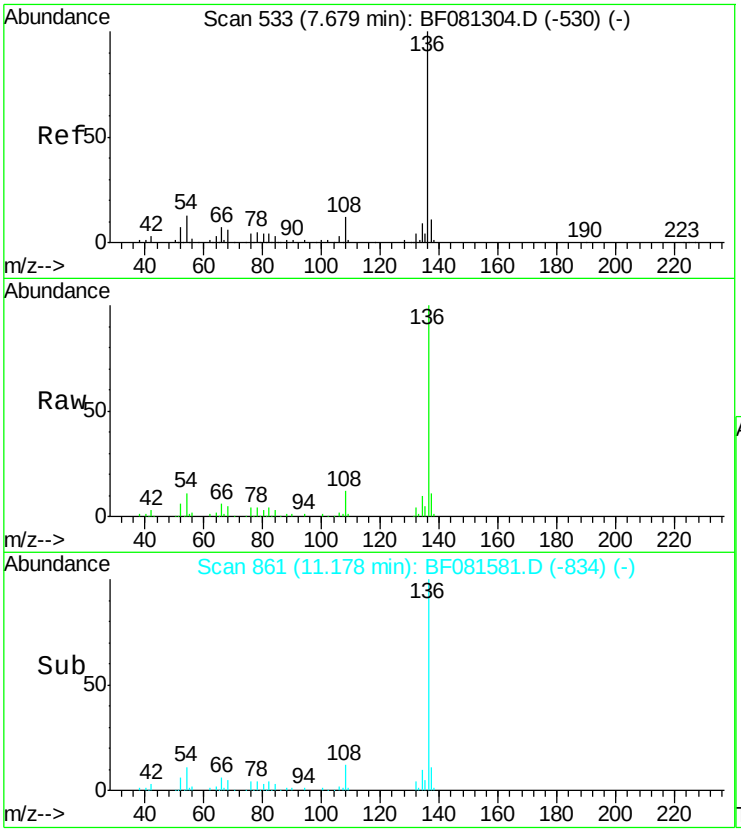


#19
n-Nitroso-di-n-propylamine
Concen: 21.70 ng
RT: 9.58 min Scan# 721
Delta R.T. 0.23 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Tgt Ion: 70 Resp: 60841

Ion	Ratio	Lower	Upper
70	100		
42	57.1	63.8	95.6#
101	0.0	9.2	13.8#
130	2.2	27.3	40.9#



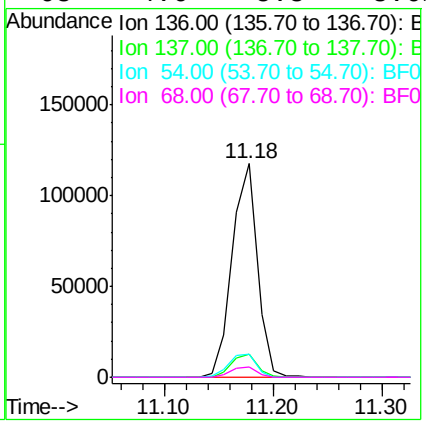


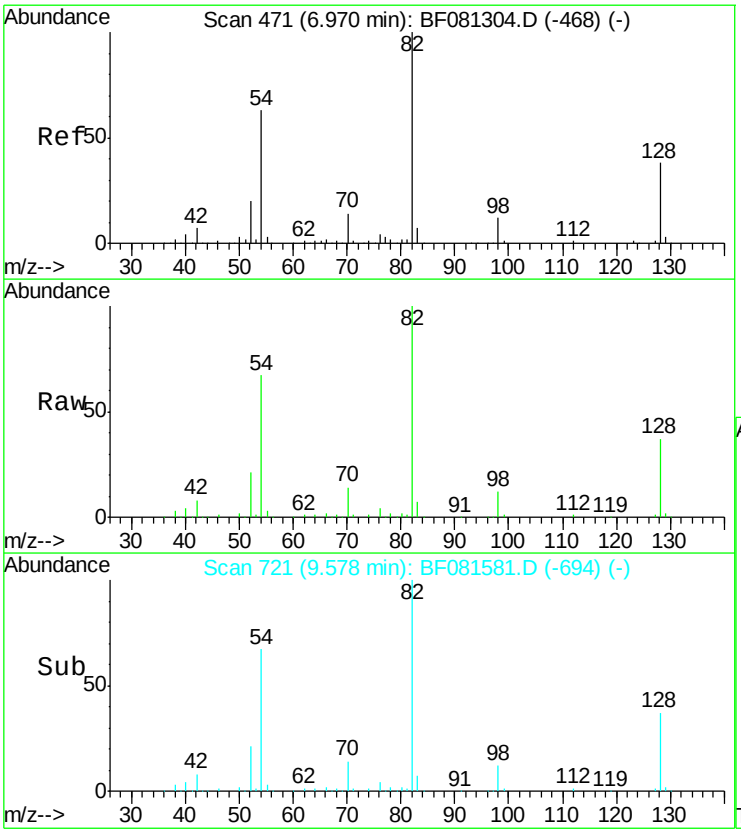
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.18 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:136 Resp: 187707

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	10.9	8.2	12.2
68	4.6	5.8	8.6#

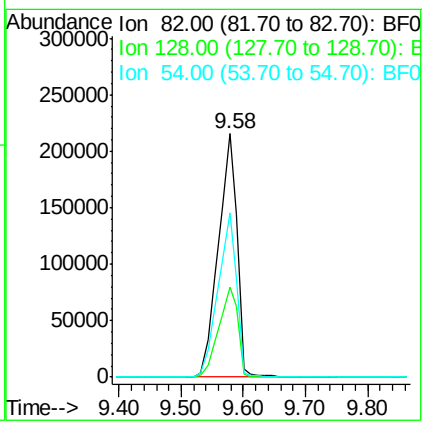


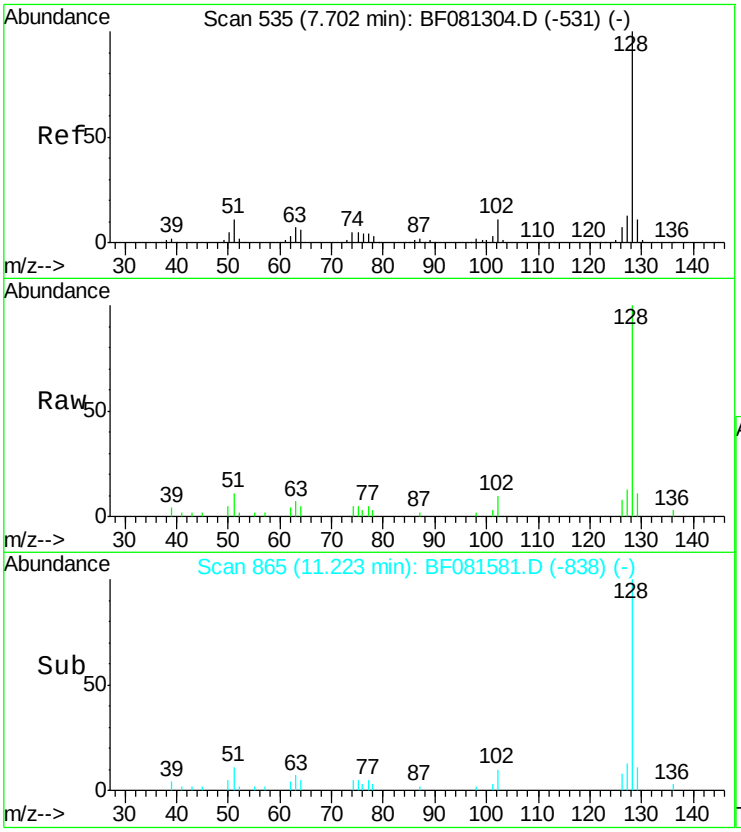


#23
Nitrobenzene-d5
Concen: 114.51 ng
RT: 9.58 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Tgt Ion: 82 Resp: 445494

Ion	Ratio	Lower	Upper
82	100		
128	36.9	51.0	76.6#
54	67.3	47.5	71.3



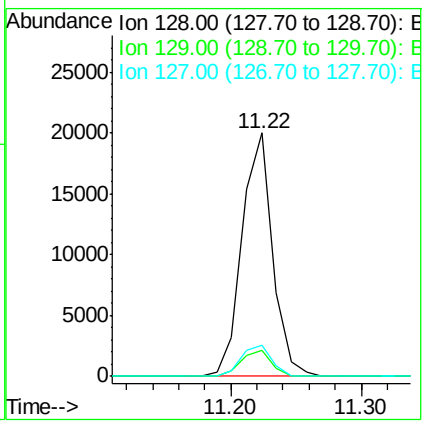


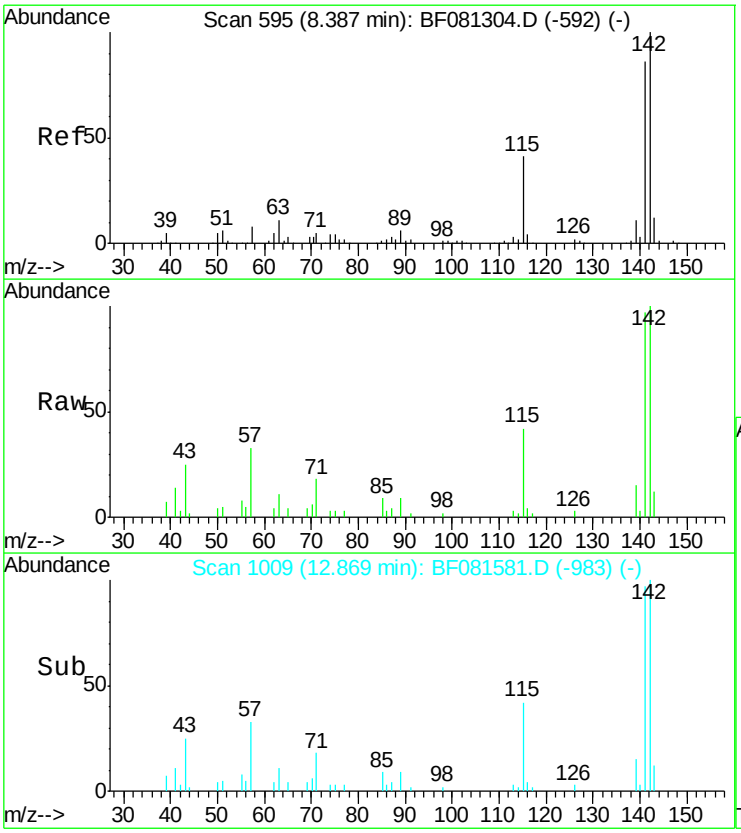
#31
Naphthalene
Concen: 3.25 ng
RT: 11.22 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:128 Resp: 32548

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.4	12.6
127	12.9	9.9	14.9

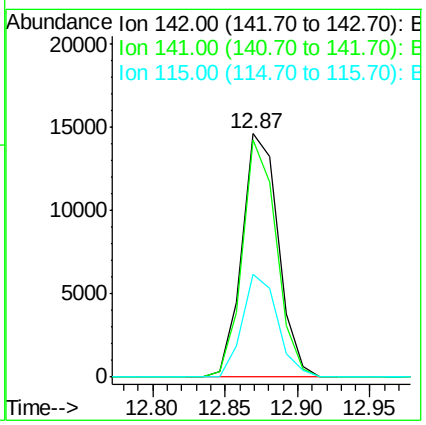


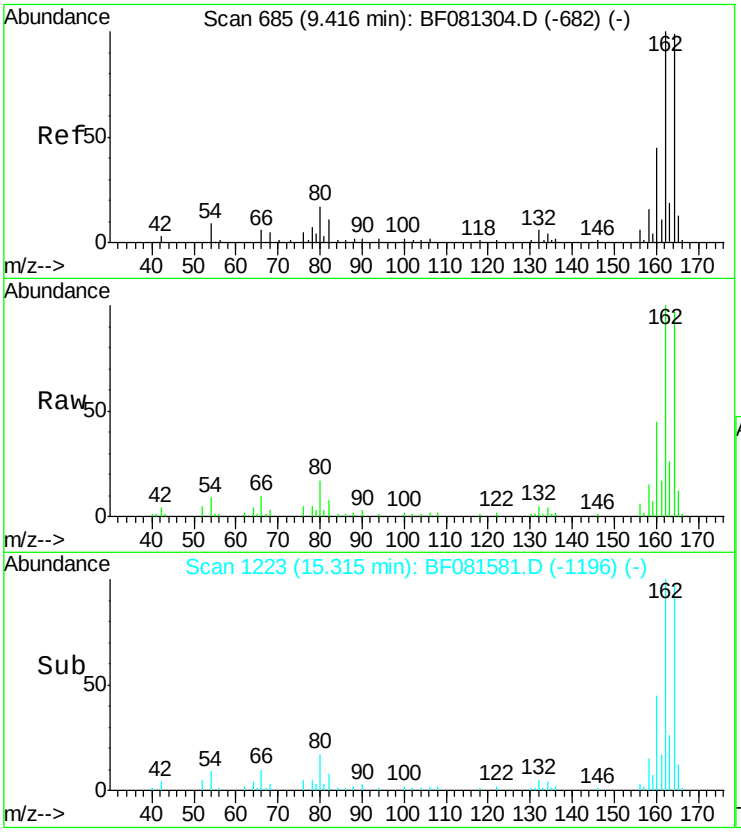


#37
2-Methylnaphthalene
Concen: 3.91 ng
RT: 12.87 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Tgt Ion:142 Resp: 25448

Ion	Ratio	Lower	Upper
142	100		
141	97.2	67.5	101.3
115	42.4	18.2	27.2#



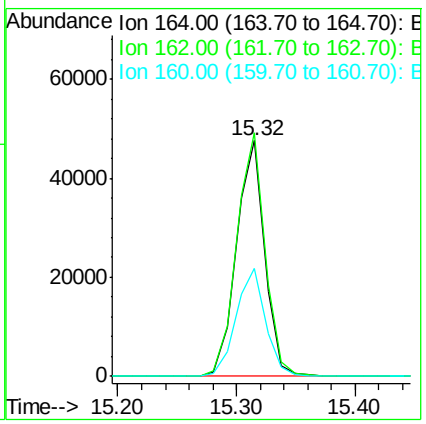


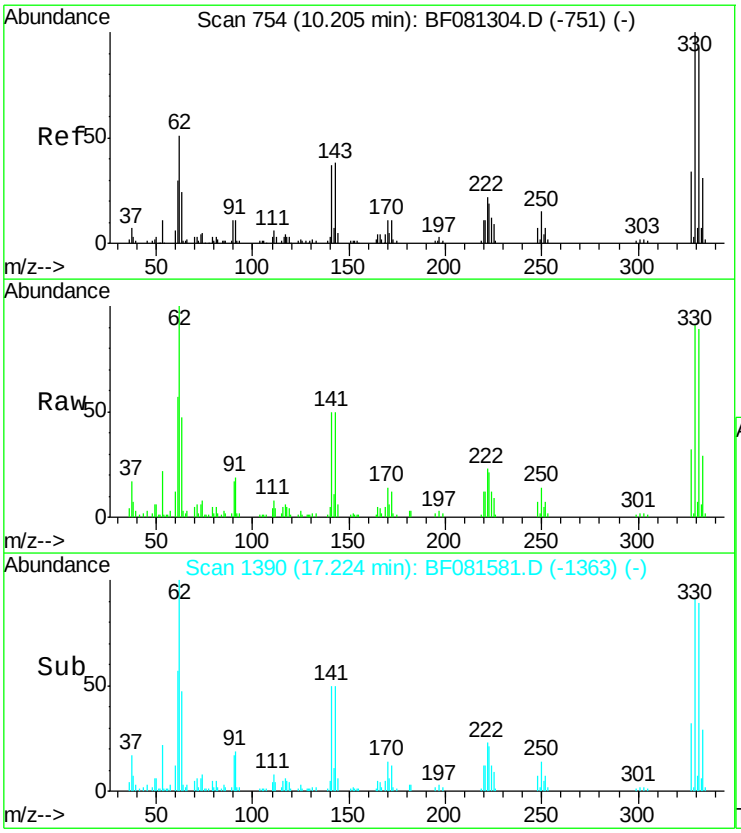
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:164 Resp: 78558

Ion	Ratio	Lower	Upper
164	100		
162	103.2	75.2	112.8
160	46.0	31.5	47.3

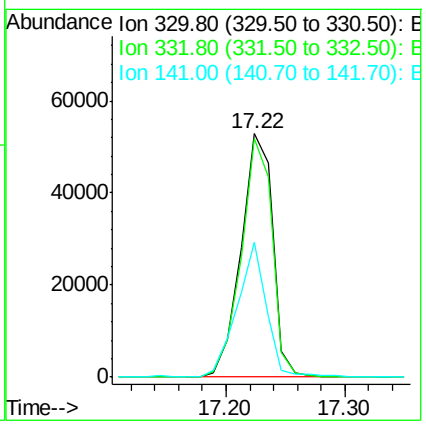


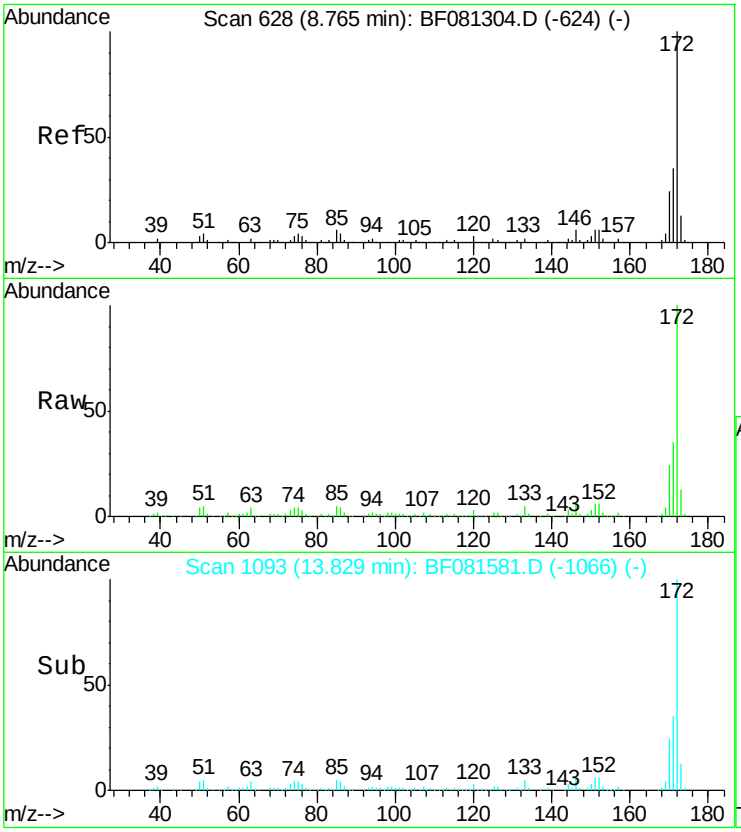


#41
2,4,6-Tribromophenol
Concen: 140.80 ng
RT: 17.22 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Tgt Ion:330 Resp: 98490

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	51.6	29.7	44.5#



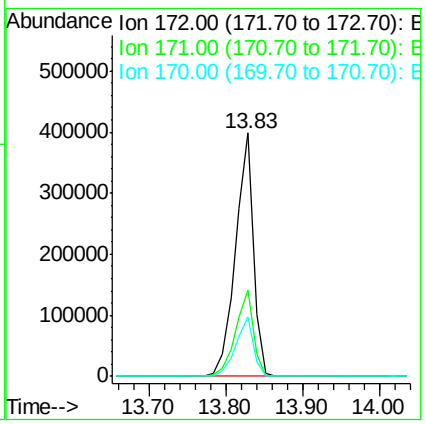


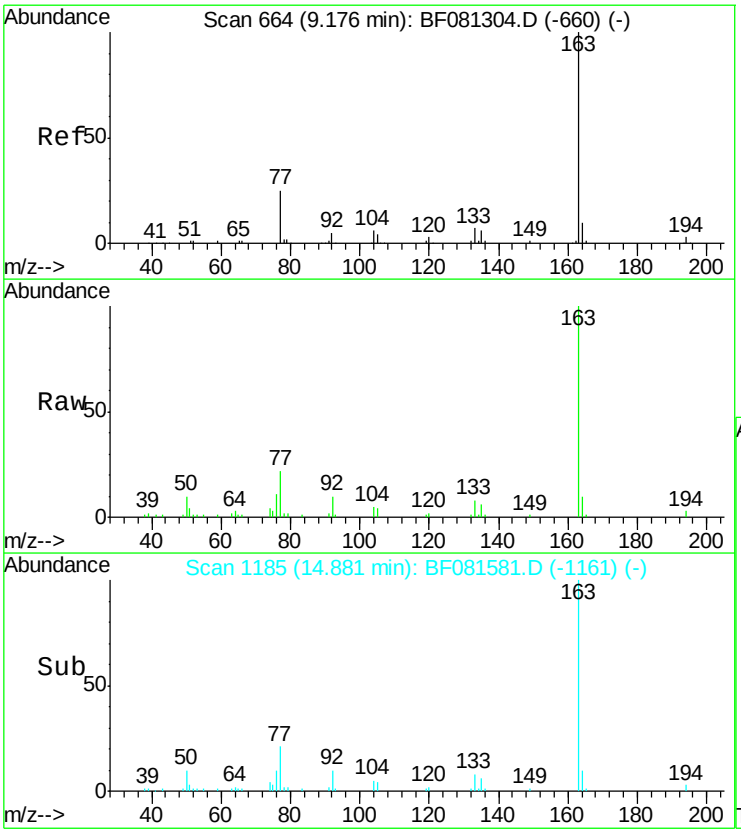
#44
2-Fluorobiphenyl
Concen: 106.88 ng
RT: 13.83 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:172 Resp: 655195

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	24.2	17.4	26.2

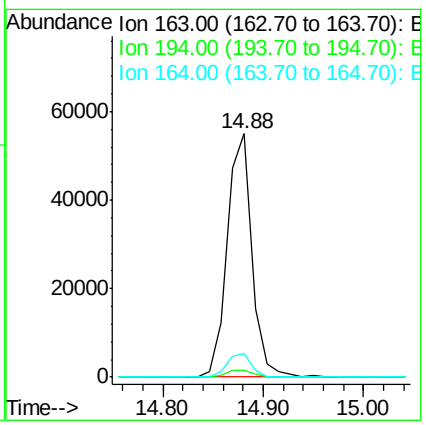


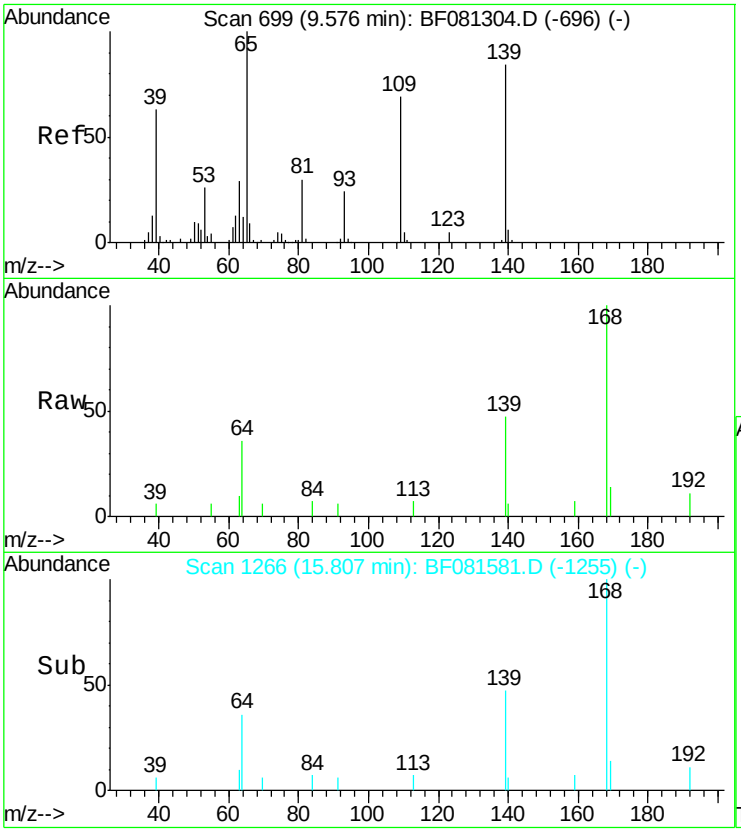


#49
Dimethylphthalate
Concen: 15.28 ng
RT: 14.88 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Tgt Ion:163 Resp: 93234

Ion	Ratio	Lower	Upper
163	100		
194	2.9	4.4	6.6#
164	9.7	8.3	12.5



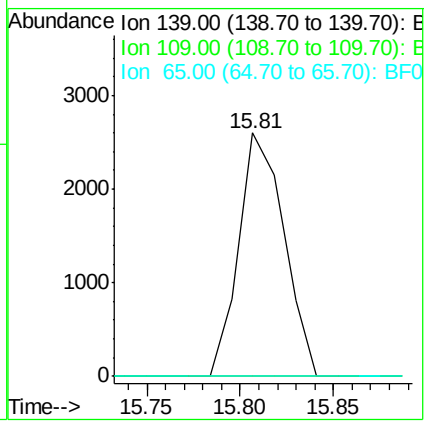


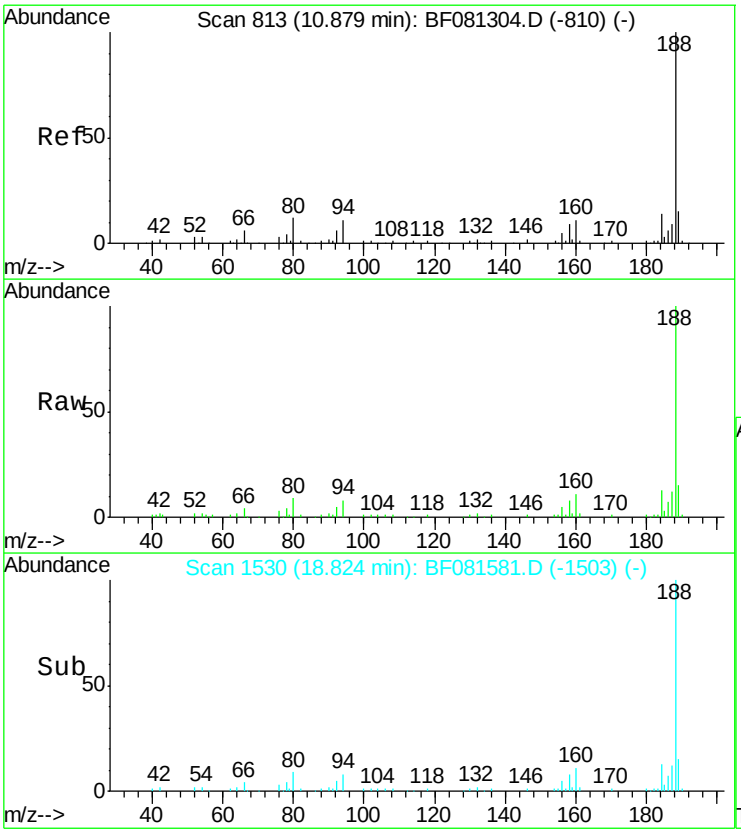
#55
4-Nitrophenol
Concen: 4.42 ng
RT: 15.81 min Scan# 1266
Delta R.T. -0.17 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:139 Resp: 4382

Ion	Ratio	Lower	Upper
139	100		
109	0.0	12.7	52.7#
65	0.0	45.9	85.9#

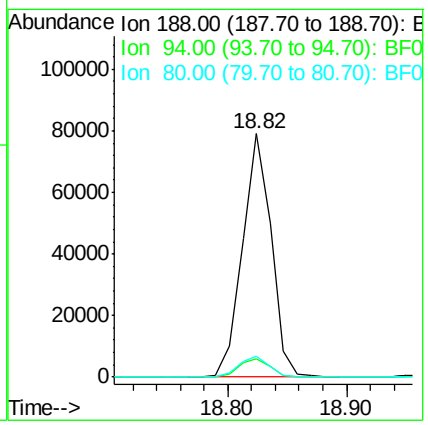


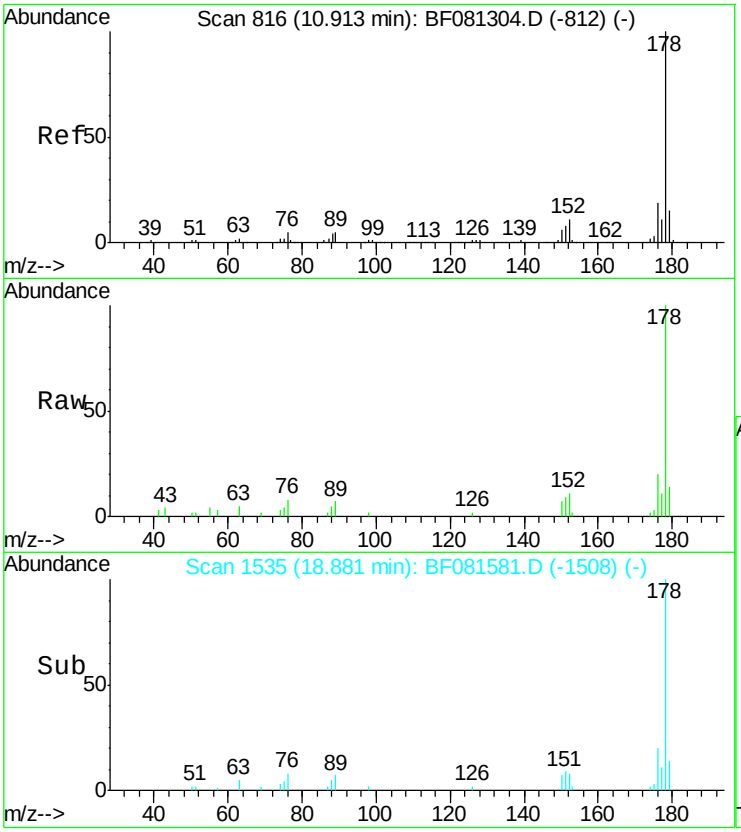


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.82 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Tgt Ion:188 Resp: 133242

Ion	Ratio	Lower	Upper
188	100		
94	7.7	11.1	16.7#
80	8.5	11.0	16.4#



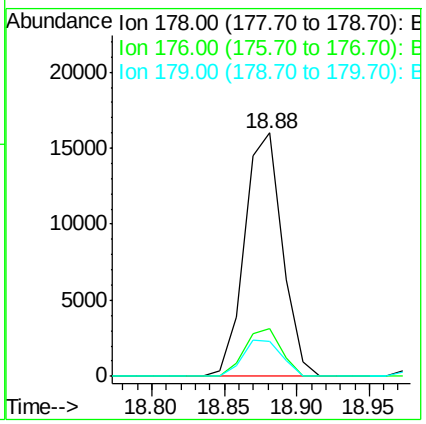


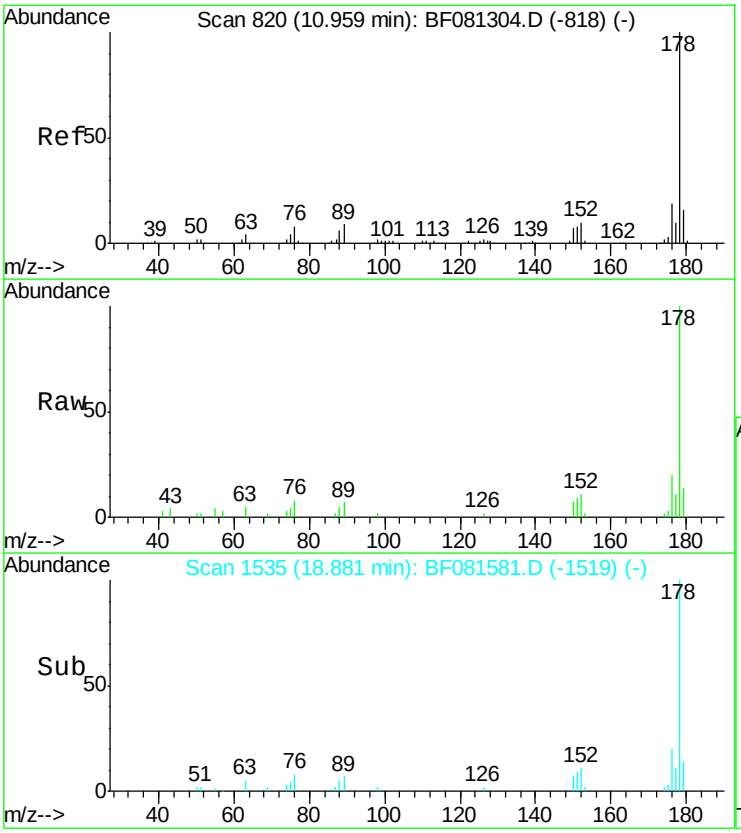
#70
Phenanthrene
Concen: 3.90 ng
RT: 18.88 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:178 Resp: 28868

Ion	Ratio	Lower	Upper
178	100		
176	19.9	13.8	20.8
179	14.2	12.2	18.2

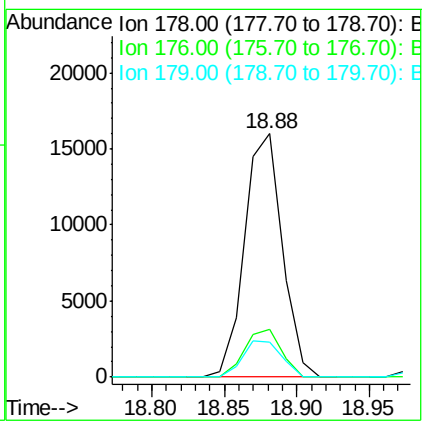


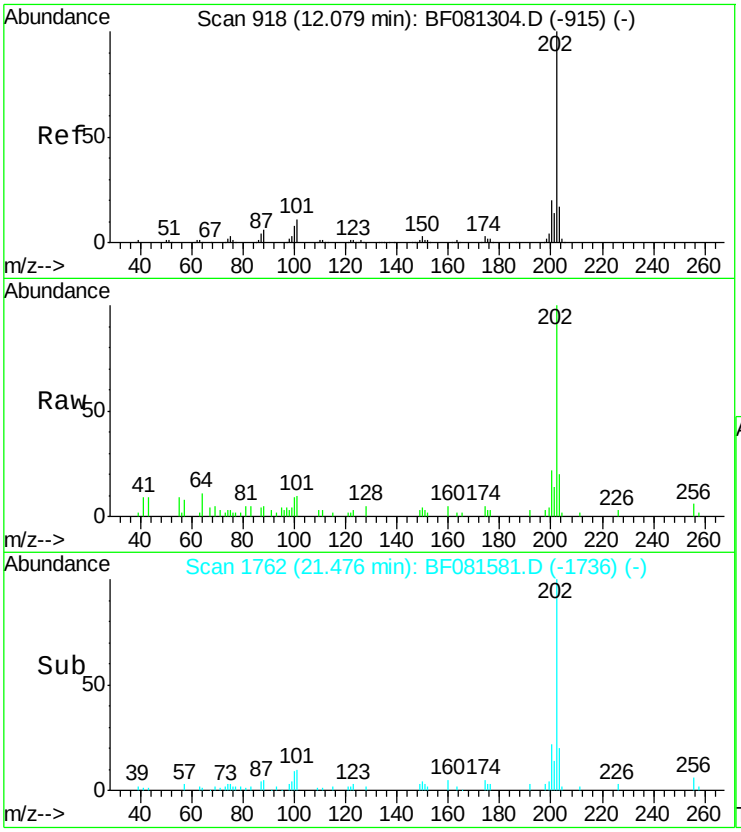


#71
Anthracene
Concen: 3.79 ng
RT: 18.88 min Scan# 1535
Delta R.T. -0.11 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Tgt Ion:178 Resp: 28868

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.1	21.1
179	14.2	12.2	18.2



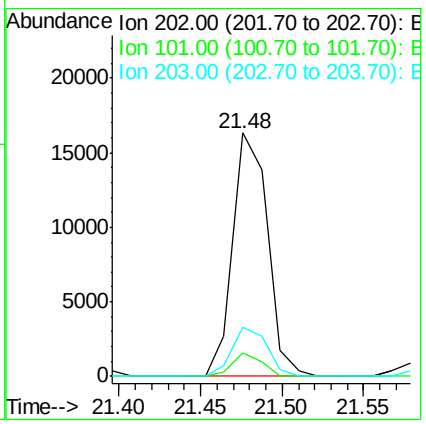


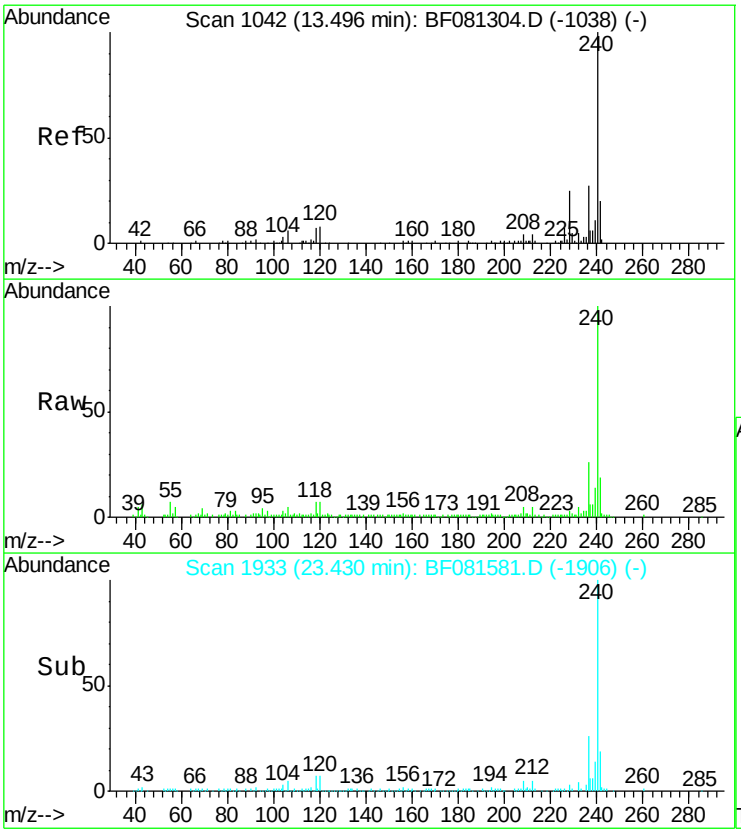
#74
Fluoranthene
Concen: 3.00 ng
RT: 21.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:202 Resp: 24017

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	38.3
203	20.2	0.0	37.3

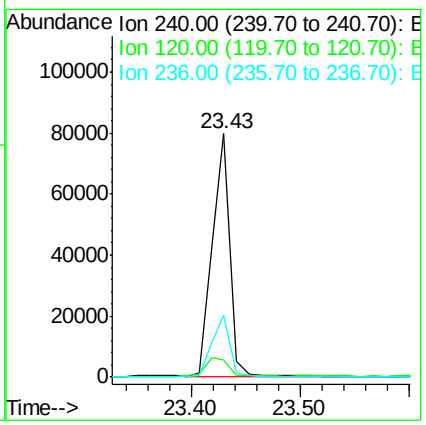


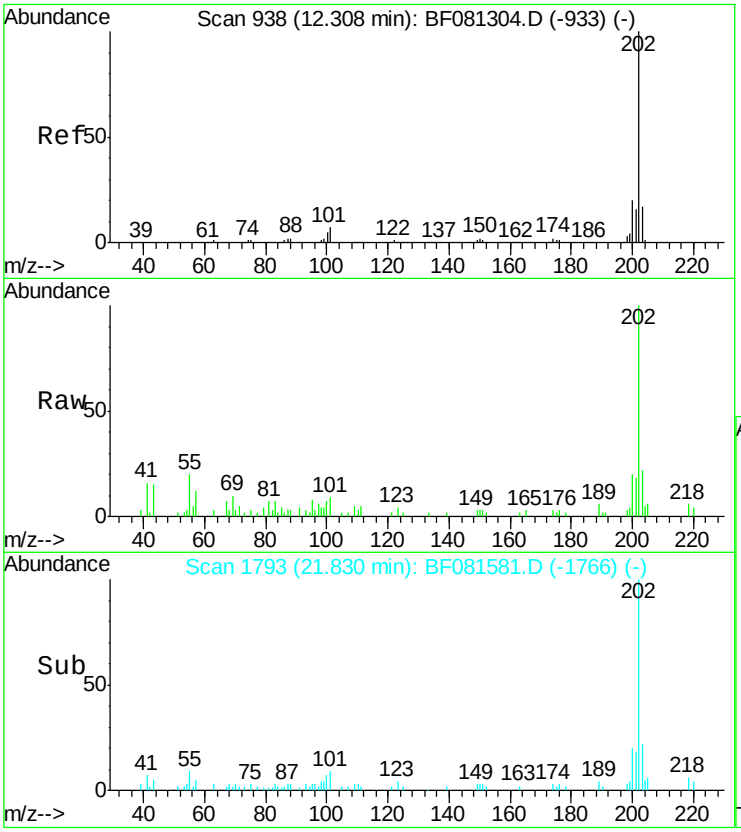


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Tgt Ion:240 Resp: 91365

Ion	Ratio	Lower	Upper
240	100		
120	7.0	16.2	24.2#
236	25.5	18.4	27.6



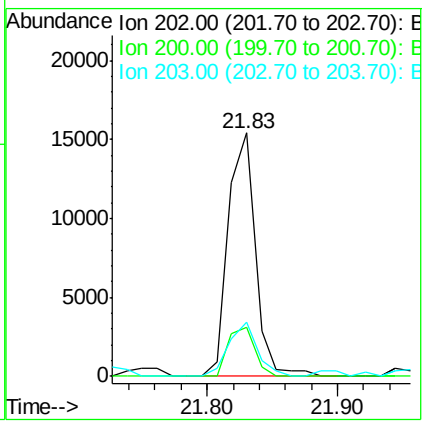


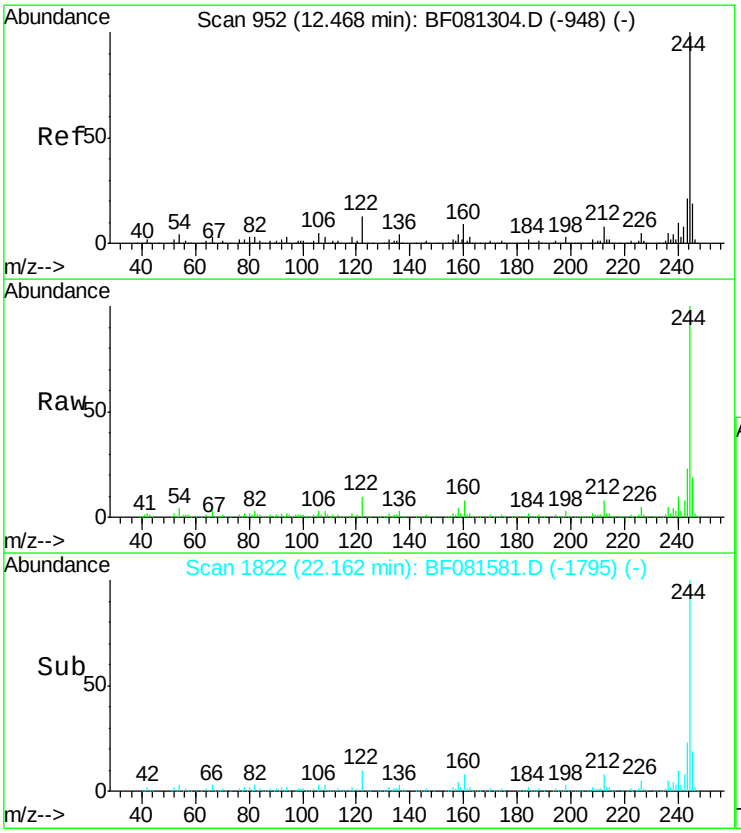
#77
Pyrene
Concen: 3.30 ng
RT: 21.83 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:202 Resp: 22342

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.0	22.4
203	22.3	14.1	21.1#

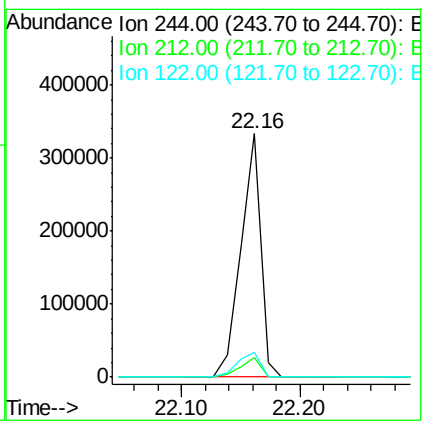


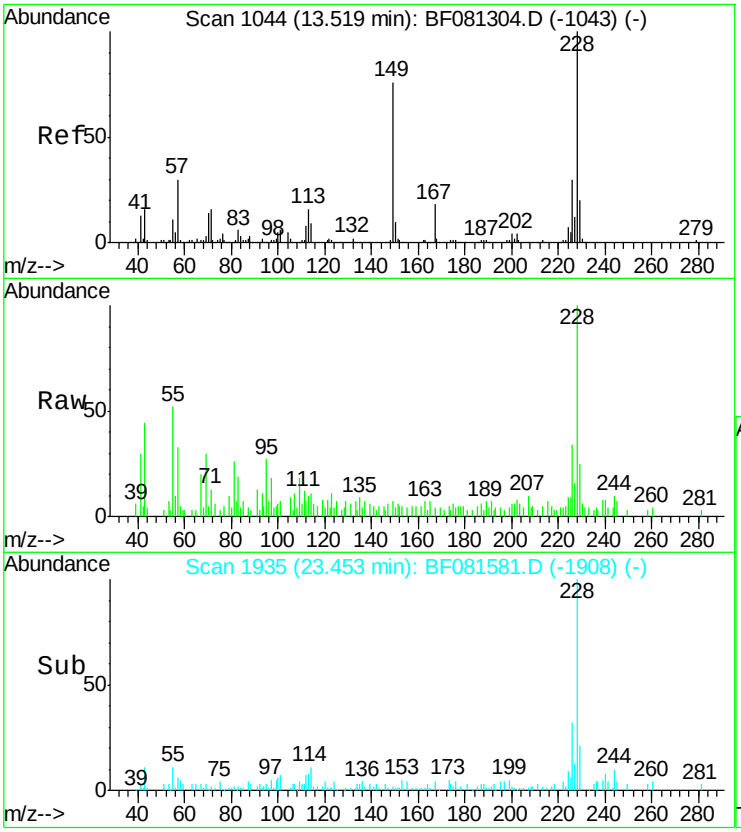


#78
Terphenyl-d14
Concen: 99.73 ng
RT: 22.16 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Tgt Ion:244 Resp: 391432

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	10.1	17.4	26.2#



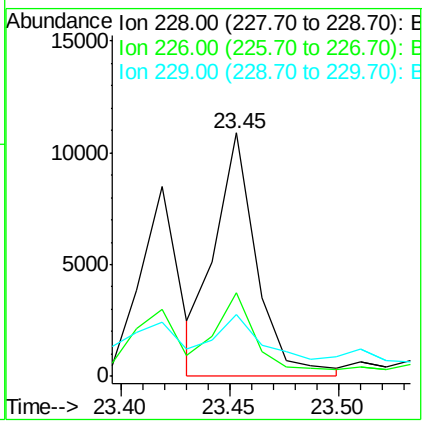


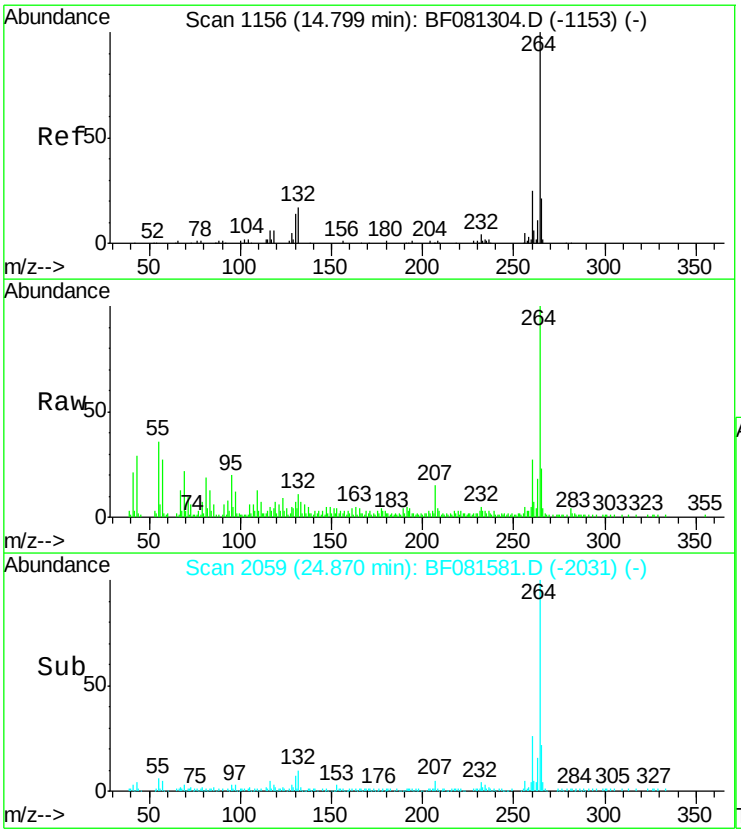
#82
Chrysene
Concen: 2.77 ng
RT: 23.45 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:228 Resp: 14427

Ion	Ratio	Lower	Upper
228	100		
226	34.2	21.0	31.4#
229	25.3	15.6	23.4#

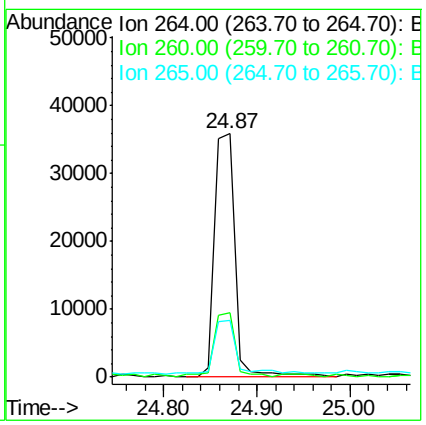


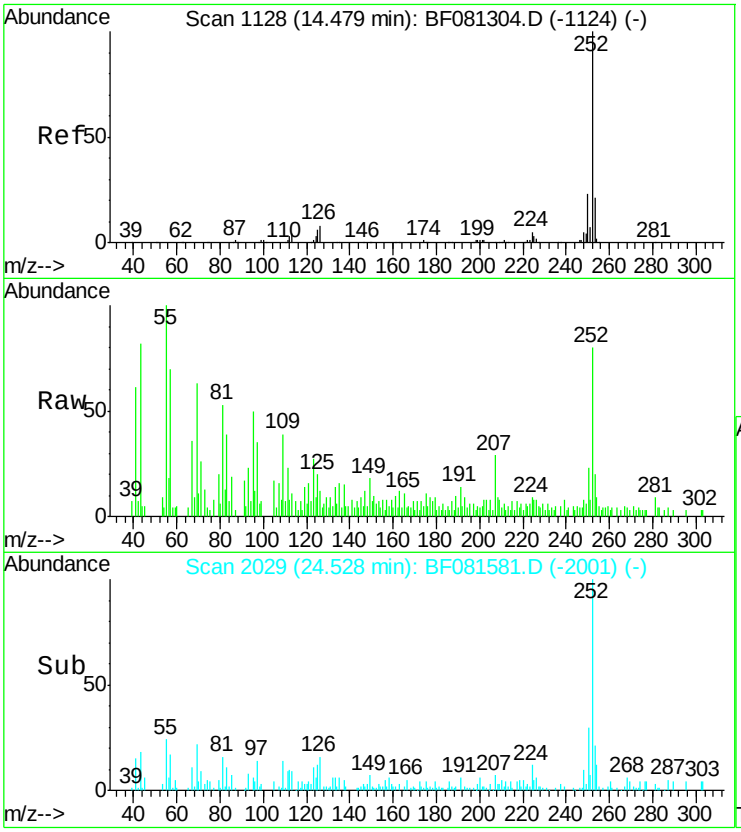


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.87 min Scan# 2059
Delta R.T. 0.02 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Tgt Ion:264 Resp: 54132

Ion	Ratio	Lower	Upper
264	100		
260	26.7	16.7	25.1#
265	23.2	17.2	25.8



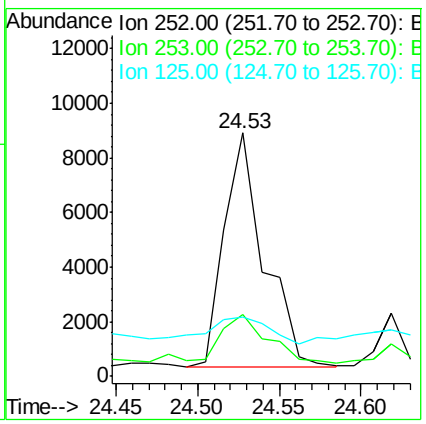


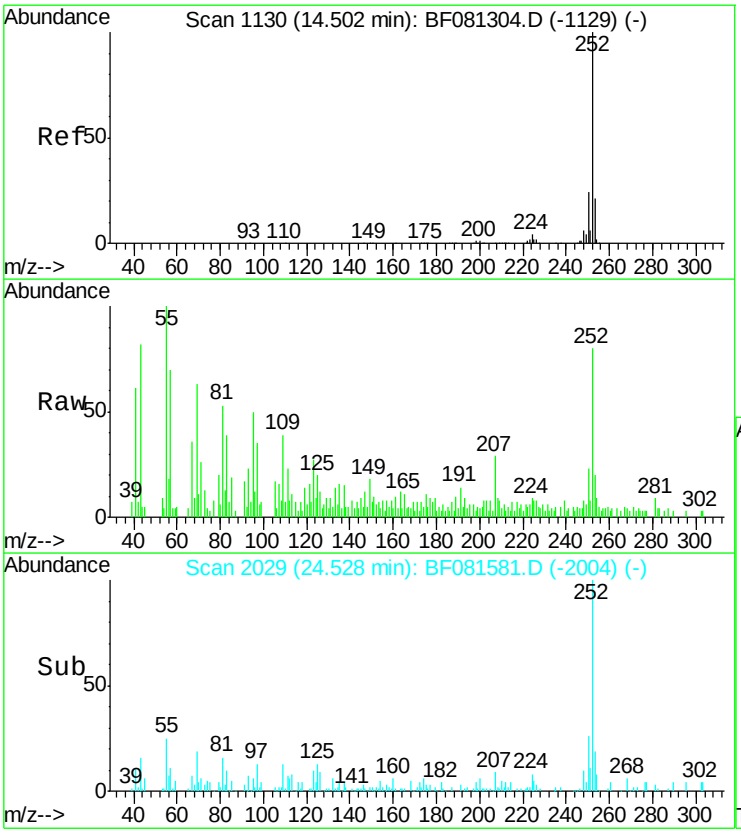
#87
Benzo(b)fluoranthene
Concen: 3.73 ng
RT: 24.53 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:252 Resp: 14398

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.5	26.3
125	24.5	17.1	25.7

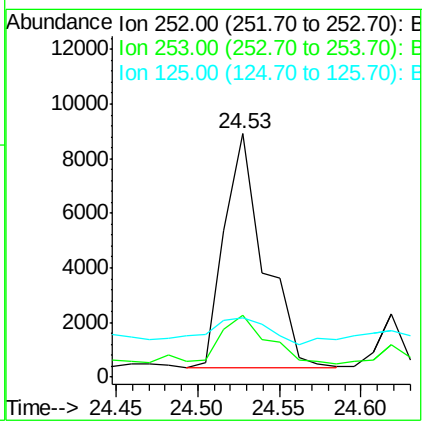


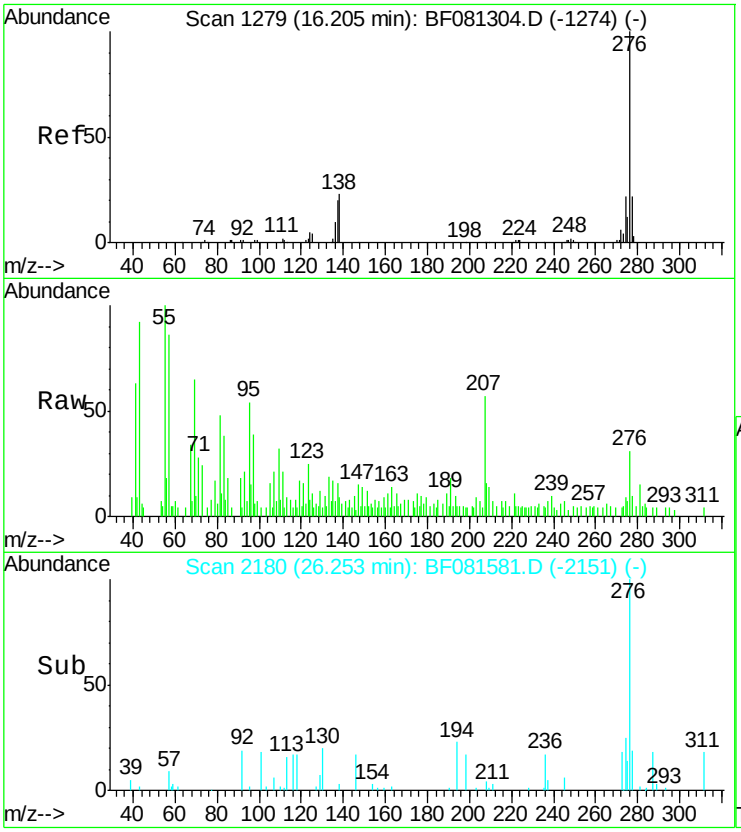


#88
Benzo(k)fluoranthene
Concen: 4.49 ng
RT: 24.53 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Tgt Ion:252 Resp: 14398

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.4
125	24.5	16.0	24.0#





#91
Benzo(g,h,i)perylene
Concen: 2.16 ng
RT: 26.25 min Scan# 2180
Delta R.T. 0.03 min
Lab File: BF081581.D
Acq: 10 Sep 2015 23:24

Instrument :
BNA_F
ClientSampleId :
B4

Tgt Ion:276 Resp: 5216

Ion	Ratio	Lower	Upper
276	100		
277	33.7	17.8	26.6#
138	30.2	34.6	51.8#