Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079605.D
Acq On : 30 May 2015 16:17
Operator : TP/IZ
Sample : G2416-24
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJBLVD10.1(2)

Quant Time: May 31 05:45:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	66592	20.00	ng		-0.02
21) Naphthalene-d8	8.51	136	276717	20.00	ng		-0.02
38) Acenaphthene-d10	10.67	164	128966	20.00	ng		-0.03
63) Phenanthrene-d10	12.50	188	238202	20.00	ng		-0.03
75) Chrysene-d12	15.79	240	248842	20.00	ng		-0.05
86) Perylene-d12	17.60	264	267561	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	463586	120.75	ng		-0.03
7) Phenol-d6	6.54	99	590743	120.72	ng		-0.02
23) Nitrobenzene-d5	7.63	82	338775	70.77	ng		-0.03
41) 2,4,6-Tribromophenol	11.66	330	167086	117.95	ng		-0.03
44) 2-Fluorobiphenyl	9.86	172	669069	74.02	ng		-0.02
78) Terphenyl-d14	14.50	244	708815	66.85	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	146720	80.33	ng	#	100
9) Benzaldehyde	6.41	77	206	Below Cal		#	1
49) Dimethylphthalate	10.38	163	150370	15.82	ng	#	98
70) Phenanthrene	12.54	178	122071	9.34	ng		99
71) Anthracene	12.61	178	31350	2.36	ng		99
73) Di-n-butylphthalate	13.28	149	4332	Below Cal		#	84
74) Fluoranthene	14.01	202	194399	13.87	ng		99
77) Pyrene	14.29	202	182312	11.83	ng		99
80) Benzo(a)anthracene	15.78	228	112476	7.86	ng		97
82) Chrysene	15.83	228	94629	6.95	ng		98
85) Indeno(1,2,3-cd)pyrene	18.93	276	66878	3.82	ng		95
87) Benzo(b)fluoranthene	17.13	252	185006	12.12	ng	#	96
88) Benzo(k)fluoranthene	17.13	252	185006	13.56	ng	#	95
89) Benzo(a)pyrene	17.53	252	99839	5.78	ng	#	96
91) Benzo(g,h,i)perylene	19.30	276	71581	2.22	ng		94

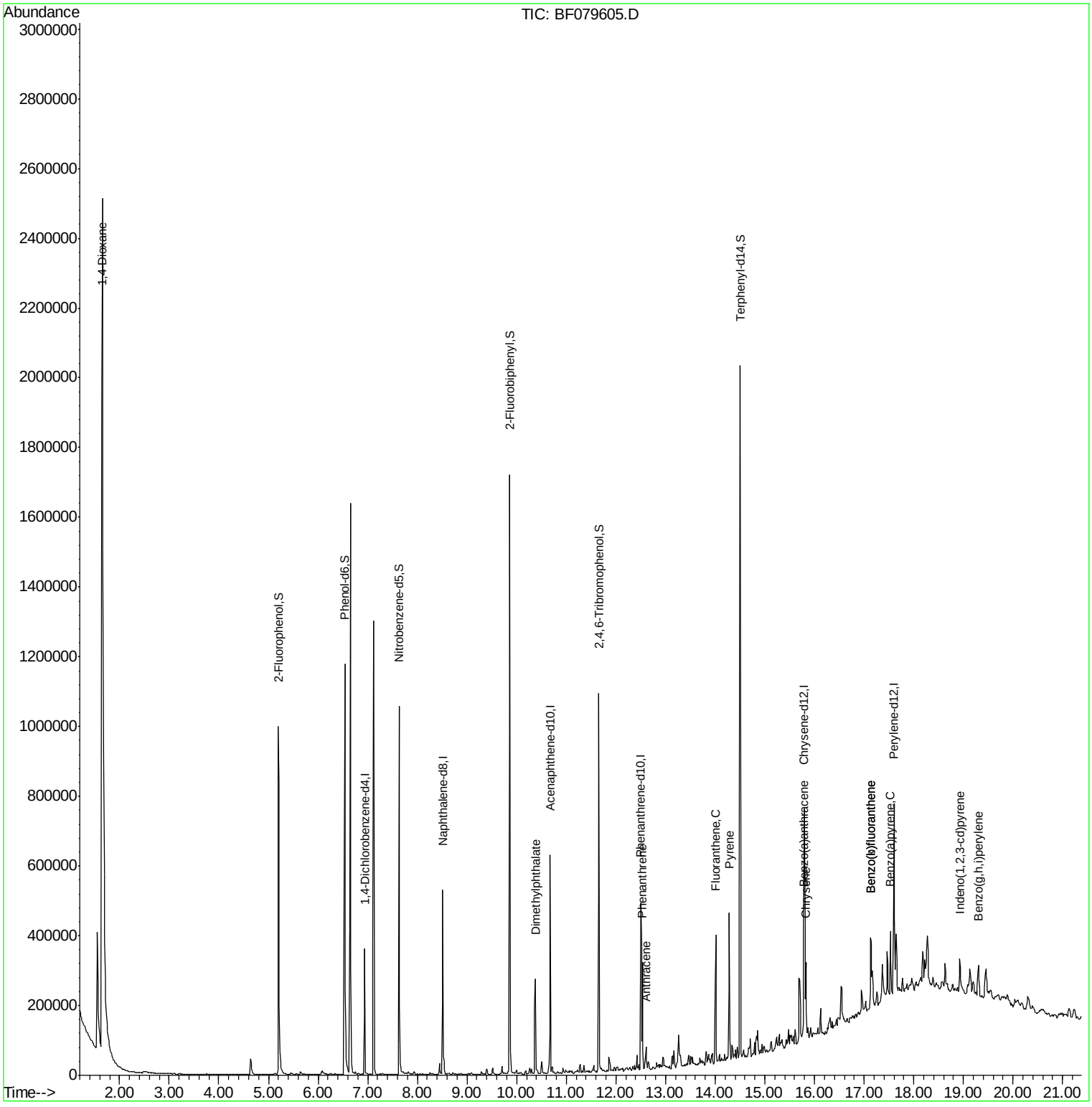
(#) = qualifier out of range (m) = manual integration (+) = signals summed

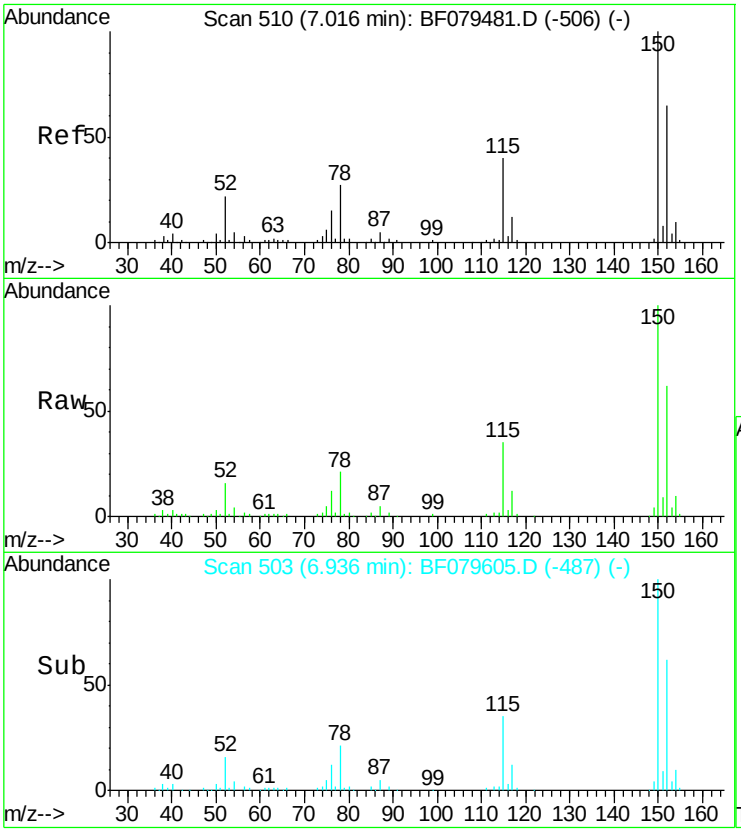
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079605.D
Acq On : 30 May 2015 16:17
Operator : TP/IZ
Sample : G2416-24
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Quant Time: May 31 05:45:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration



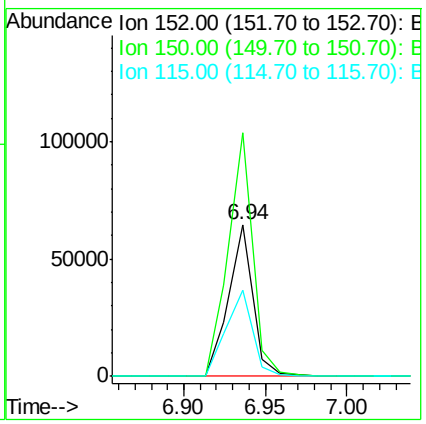


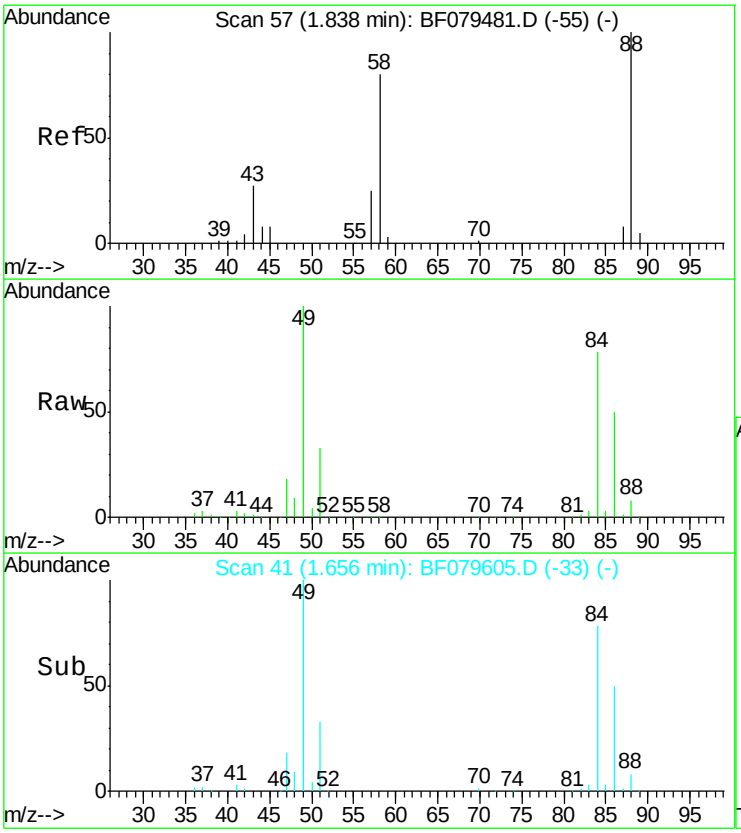
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion:152 Resp: 66592

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.0	186.0
115	56.5	49.6	74.4

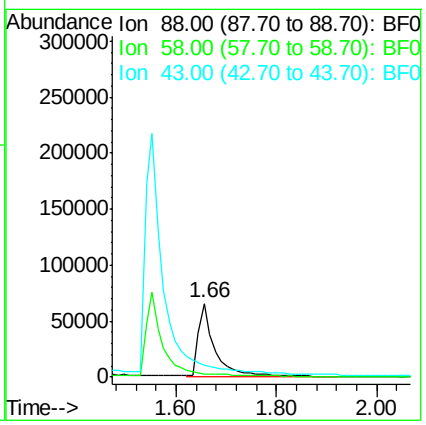


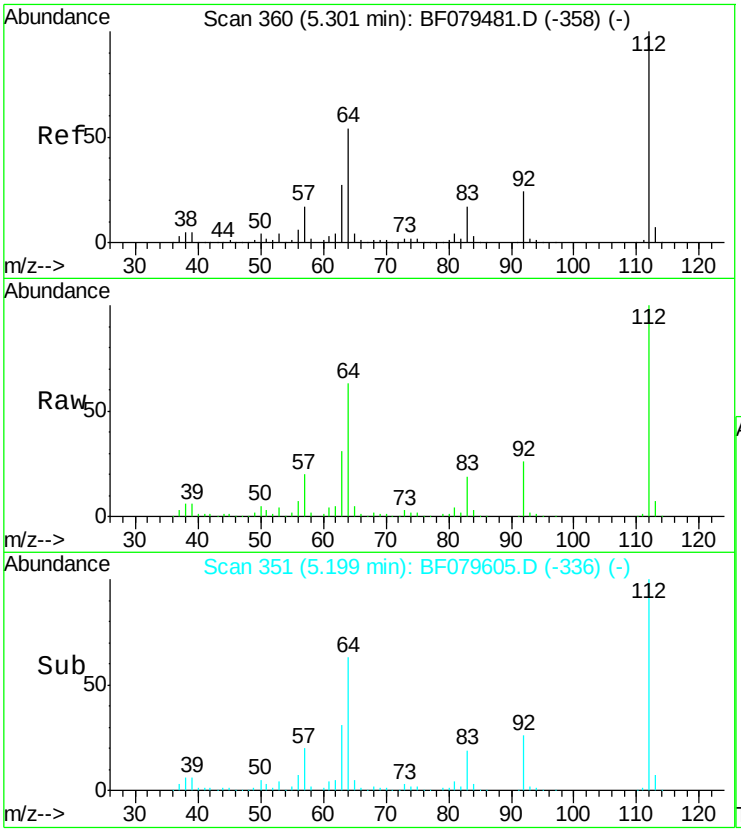


#2
1,4-Dioxane
Concen: 80.33 ng
RT: 1.66 min Scan# 41
Delta R.T. -0.11 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion: 88 Resp: 146720

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0



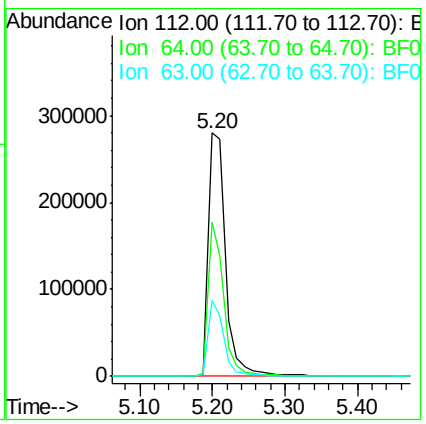


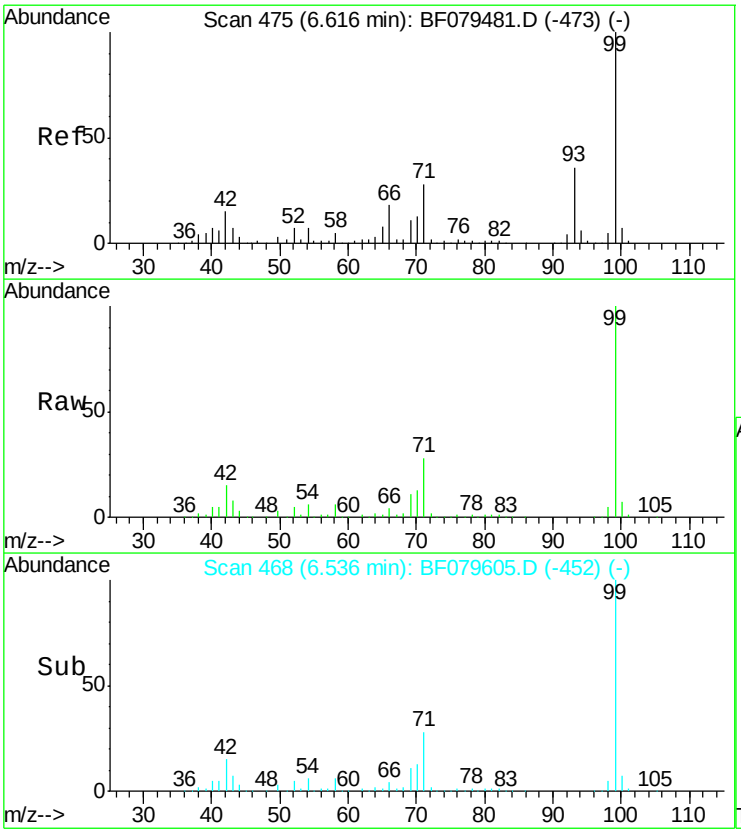
#5
2-Fluorophenol
Concen: 120.75 ng
RT: 5.20 min Scan# 351
Delta R.T. -0.03 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion:112 Resp: 463586

Ion	Ratio	Lower	Upper
112	100		
64	63.4	43.5	65.3
63	31.4	21.8	32.8

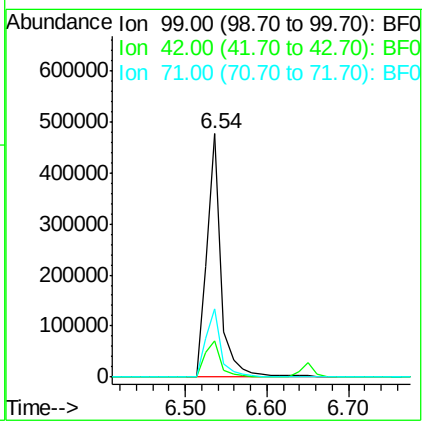


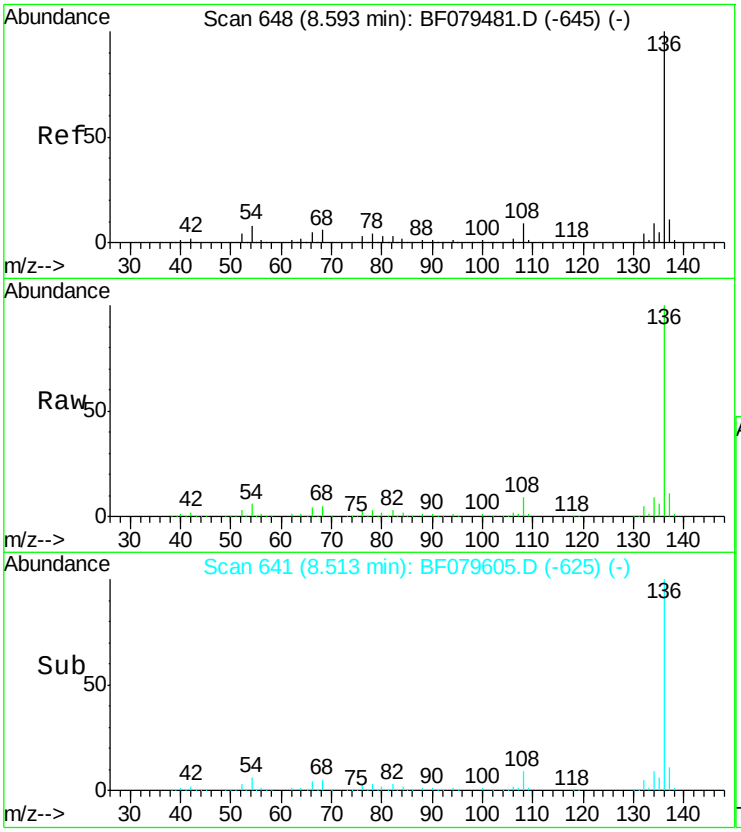


#7
Phenol-d6
Concen: 120.72 ng
RT: 6.54 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion: 99 Resp: 590743

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.9	17.9
71	28.3	22.1	33.1



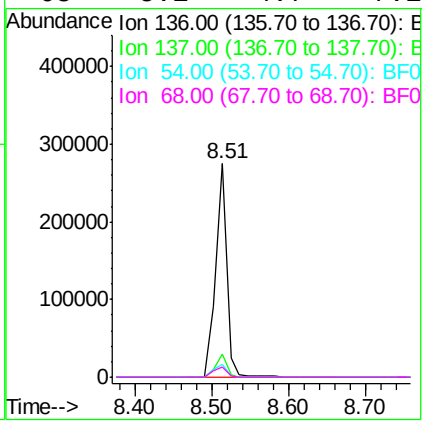


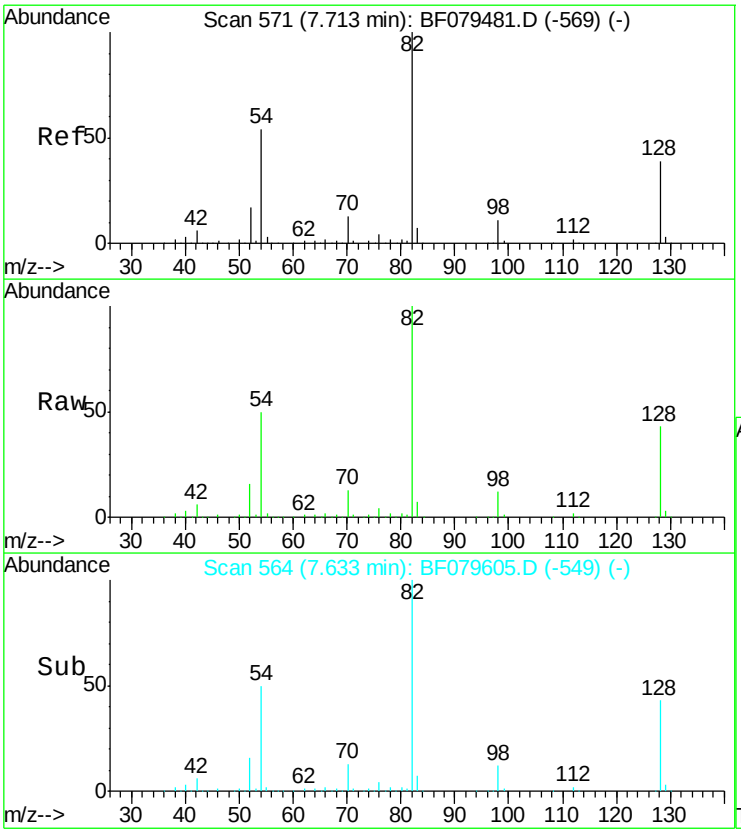
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion:136 Resp: 276717

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.2	6.6	9.8#
68	5.1	4.7	7.1

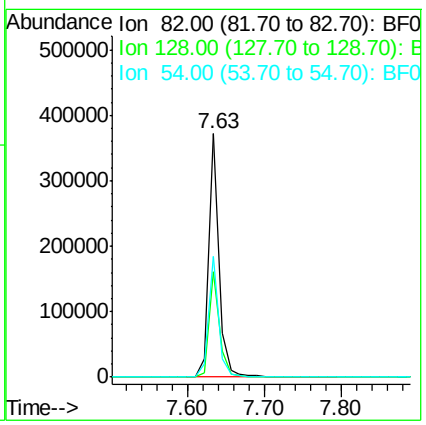


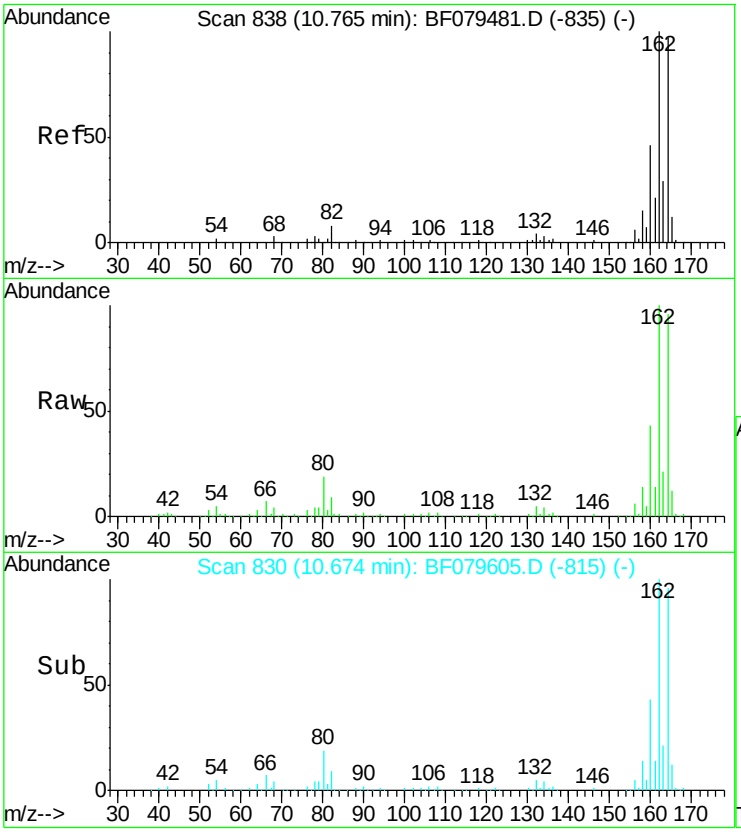


#23
Nitrobenzene-d5
Concen: 70.77 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion: 82 Resp: 338775

Ion	Ratio	Lower	Upper
82	100		
128	43.3	30.8	46.2
54	49.7	42.8	64.2



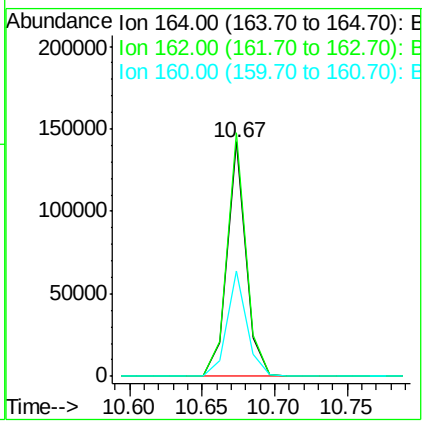


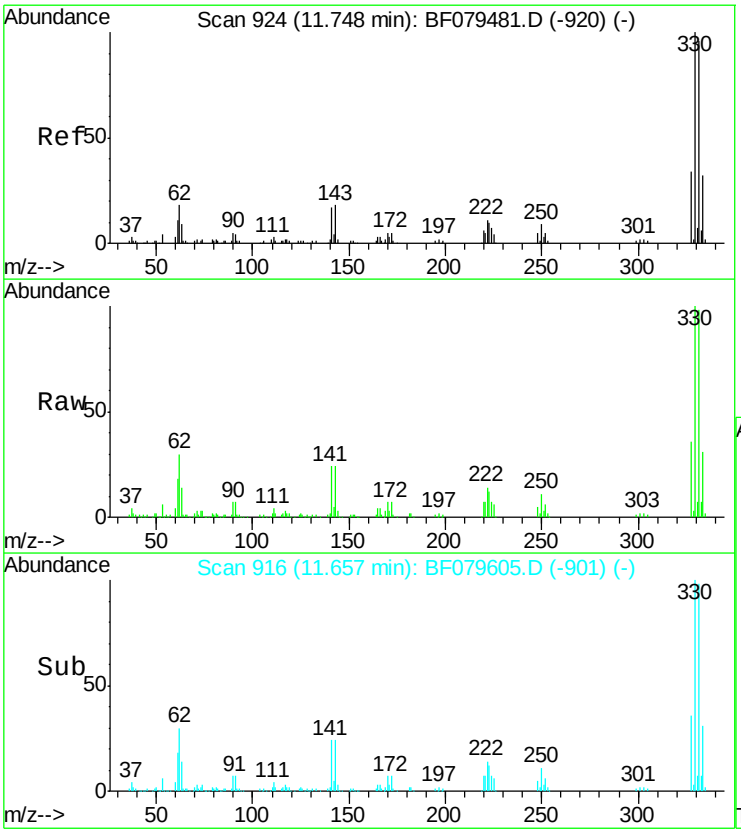
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.67 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion:164 Resp: 128966

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	124.0
160	45.1	37.7	56.5

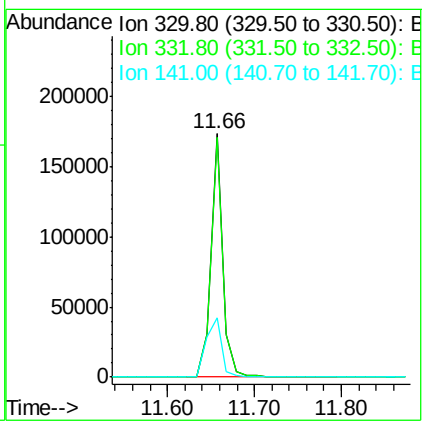


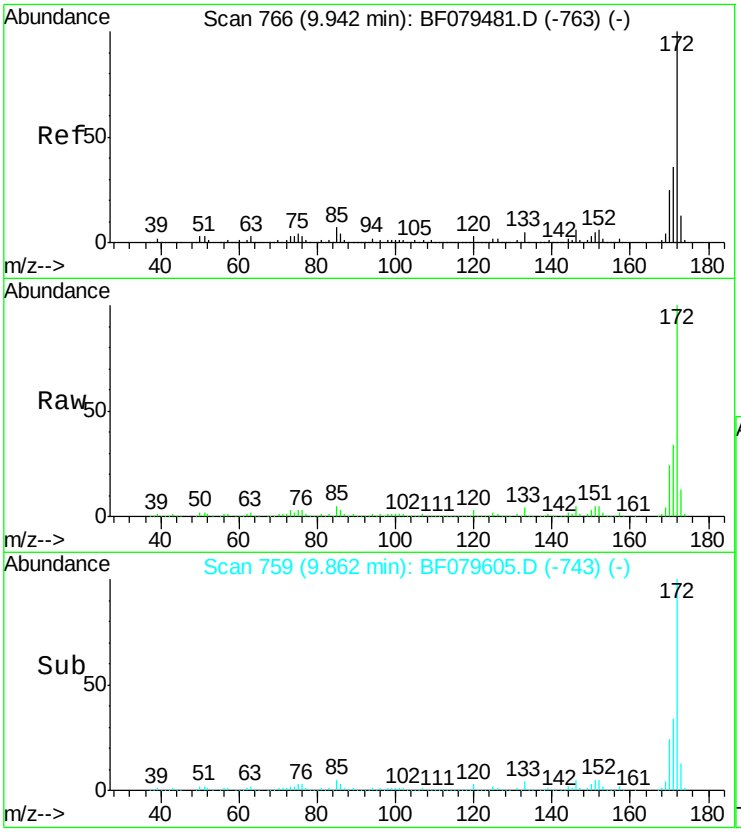


#41
2,4,6-Tribromophenol
Concen: 117.95 ng
RT: 11.66 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion:330 Resp: 167086

Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	31.8	0.0	0.0#



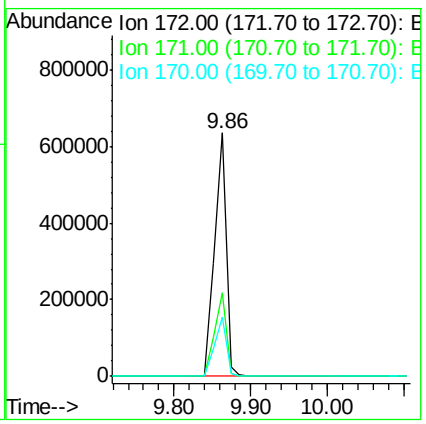


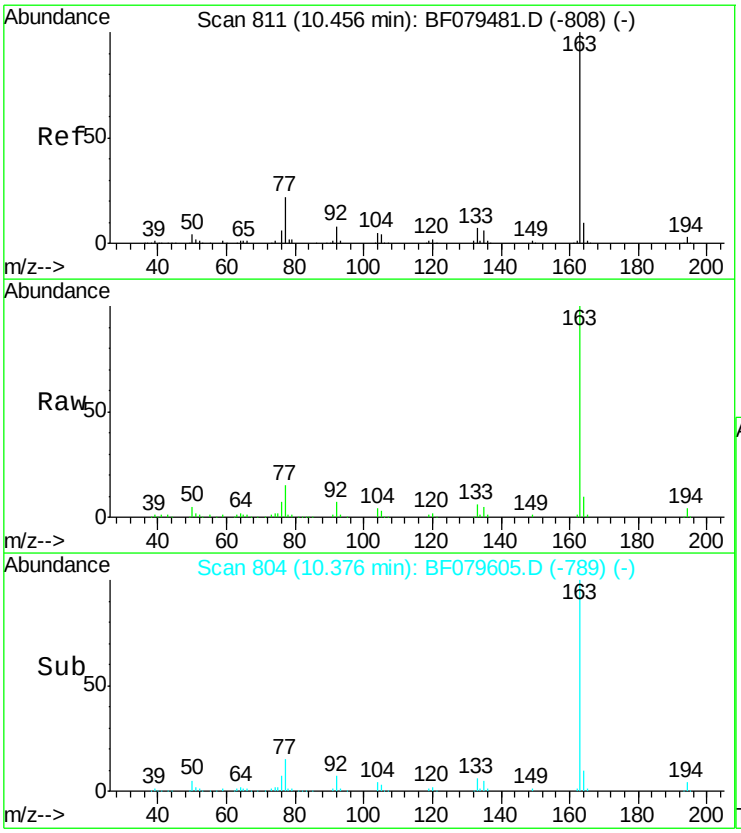
#44
2-Fluorobiphenyl
Concen: 74.02 ng
RT: 9.86 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion:172 Resp: 669069

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	24.2	19.7	29.5

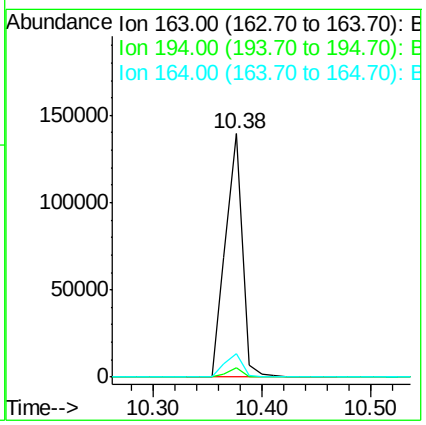


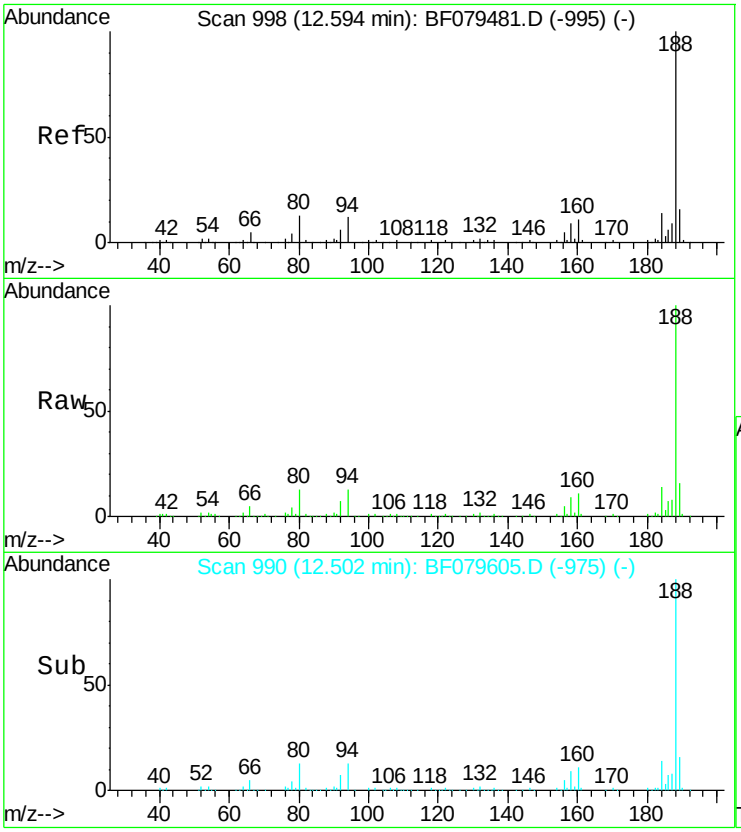


#49
Dimethylphthalate
Concen: 15.82 ng
RT: 10.38 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion:163 Resp: 150370

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.4	3.6#
164	9.8	8.2	12.4



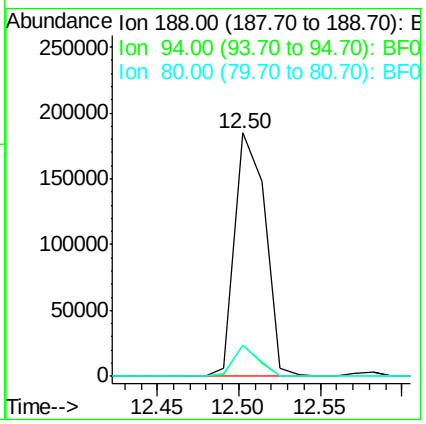


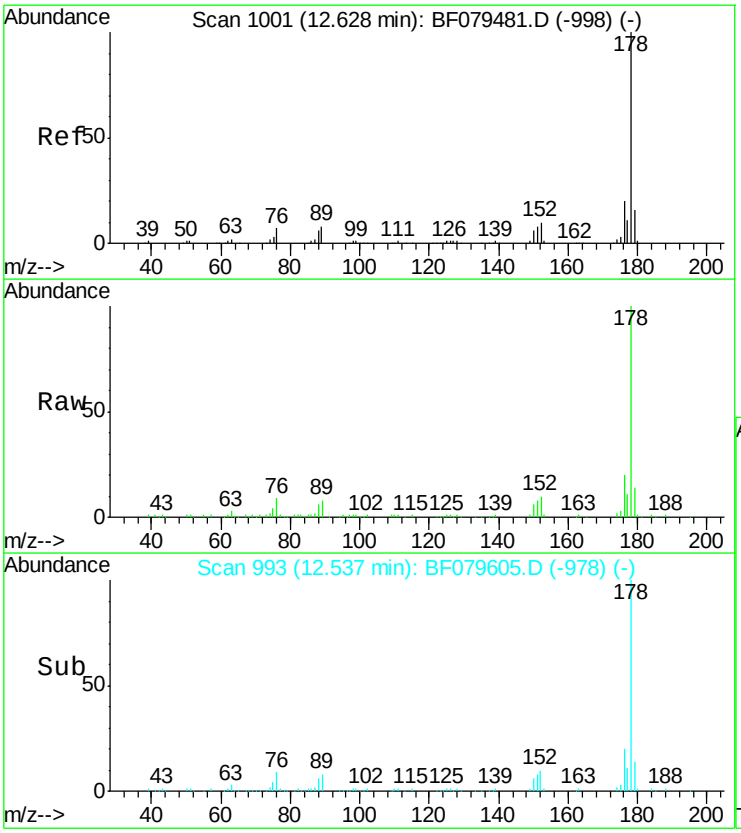
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion:188 Resp: 238202

Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.8	14.6
80	12.7	10.5	15.7

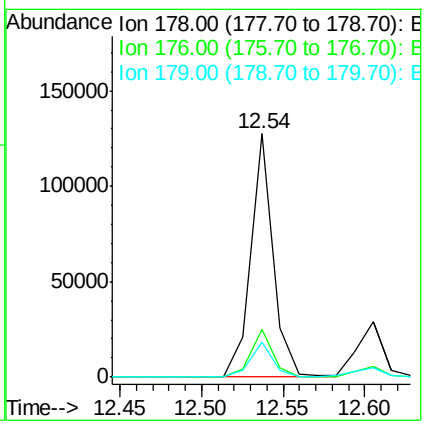


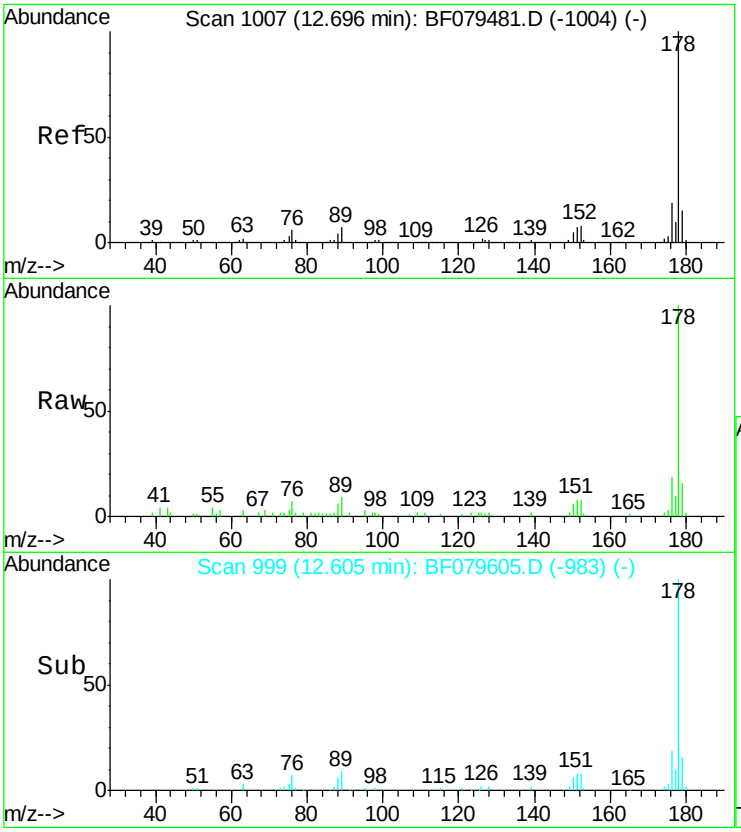


#70
Phenanthrene
Concen: 9.34 ng
RT: 12.54 min Scan# 993
Delta R.T. -0.03 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion:178 Resp: 122071

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	14.4	12.4	18.6



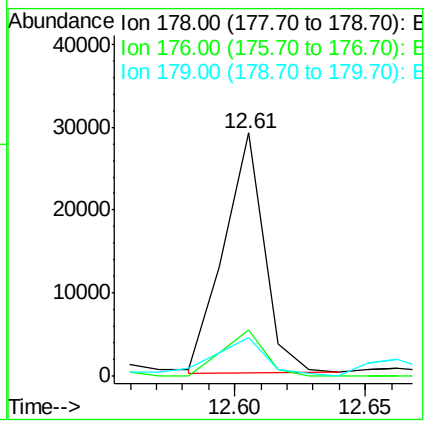


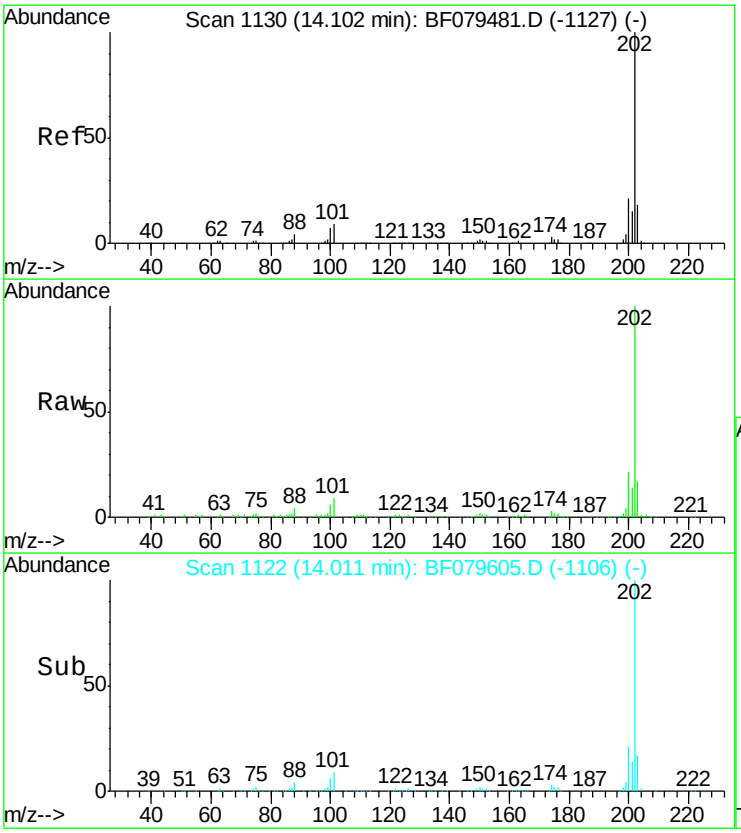
#71
Anthracene
Concen: 2.36 ng
RT: 12.61 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion:178 Resp: 31350

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	16.2	12.2	18.4

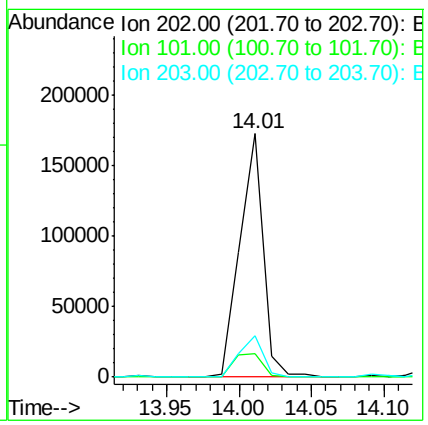


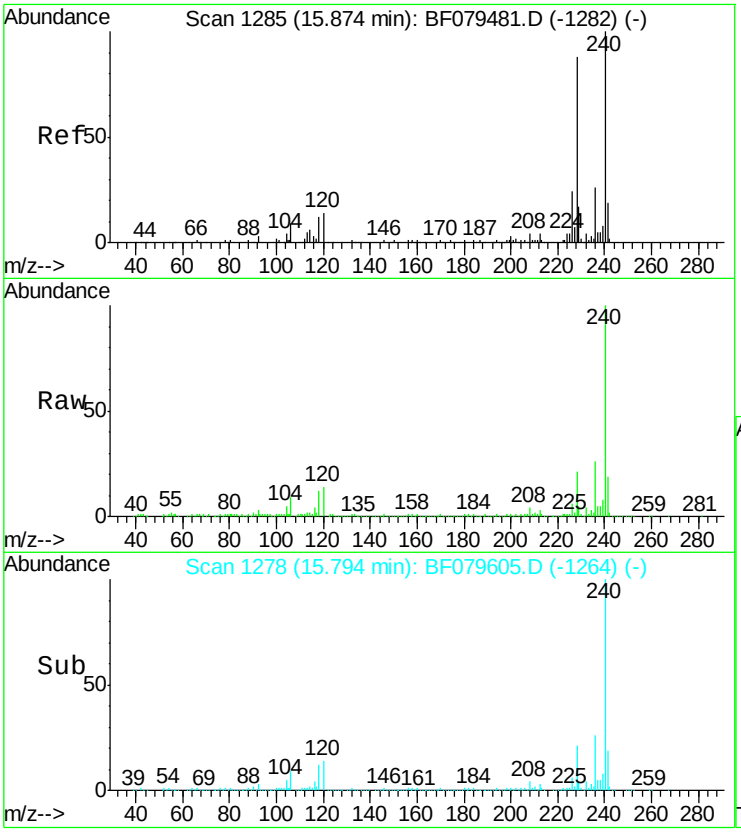


#74
Fluoranthene
Concen: 13.87 ng
RT: 14.01 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion:202 Resp: 194399

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.3
203	17.0	0.0	37.6



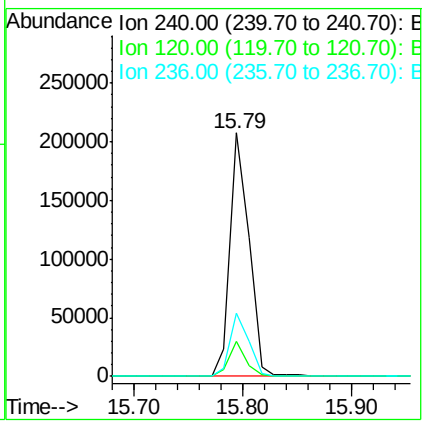


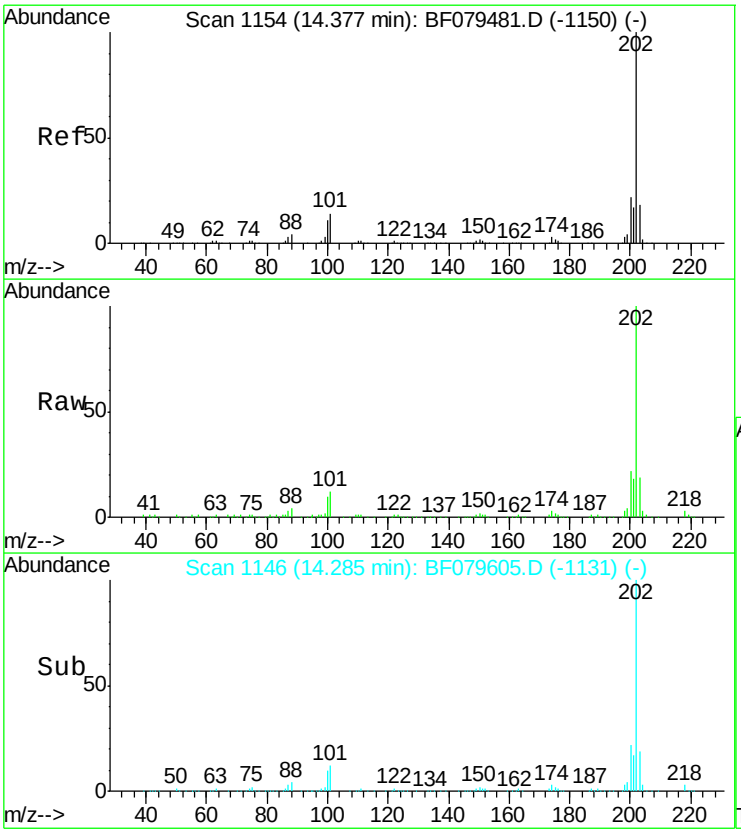
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.79 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion:240 Resp: 248842

Ion	Ratio	Lower	Upper
240	100		
120	14.2	10.8	16.2
236	26.0	21.0	31.6

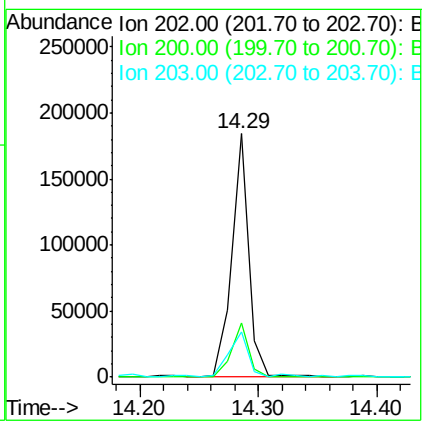


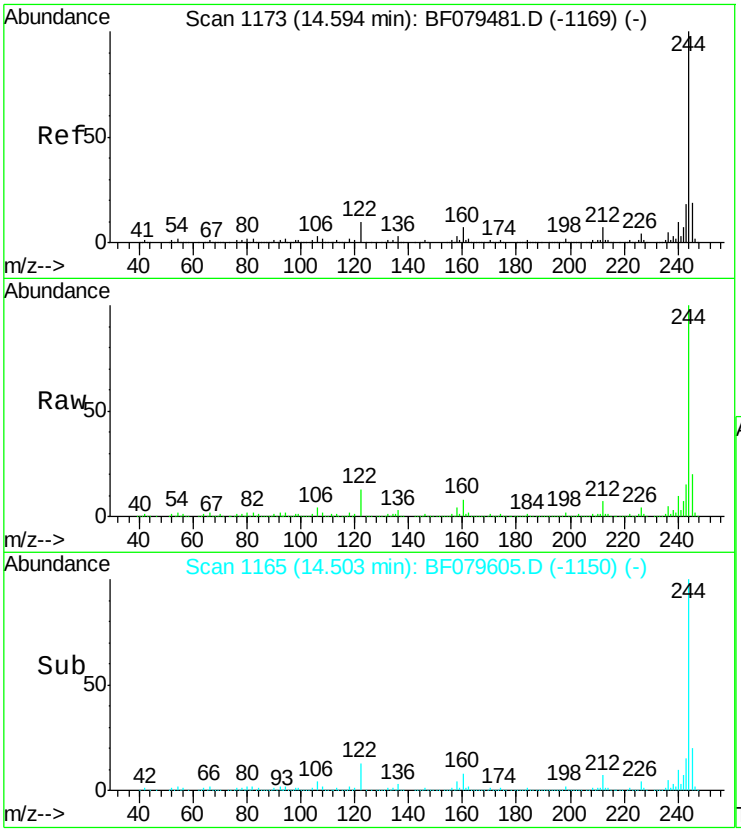


#77
Pyrene
Concen: 11.83 ng
RT: 14.29 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion:202 Resp: 182312

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.5	26.3
203	18.7	14.4	21.6



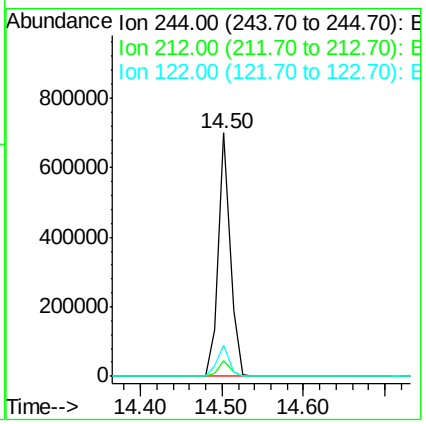


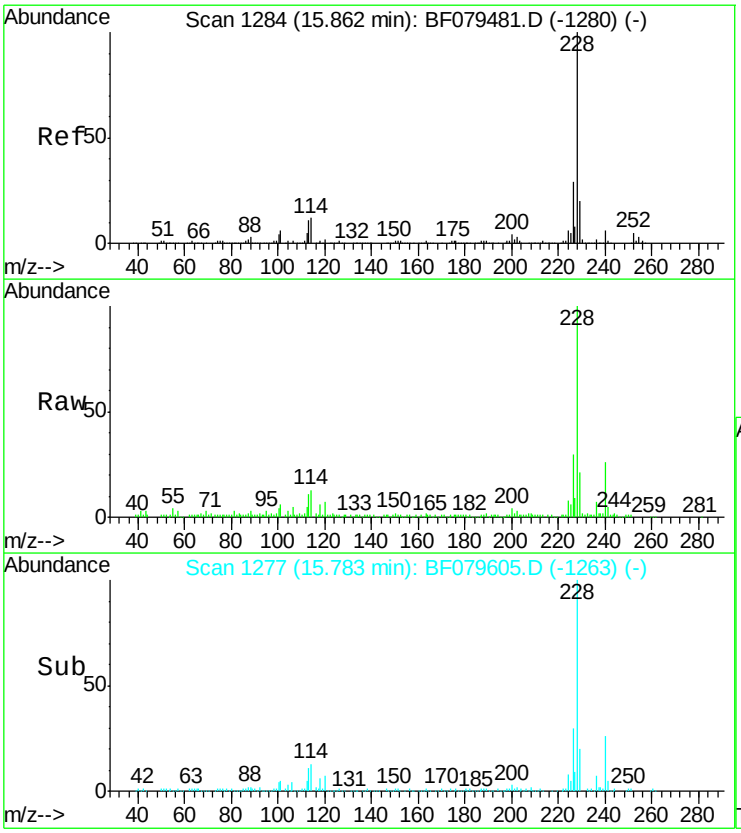
#78
Terphenyl-d14
Concen: 66.85 ng
RT: 14.50 min Scan# 1165
Delta R.T. -0.03 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion:244 Resp: 708815

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	13.0	8.0	12.0#

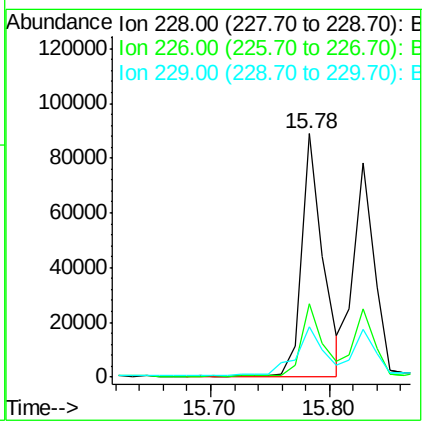


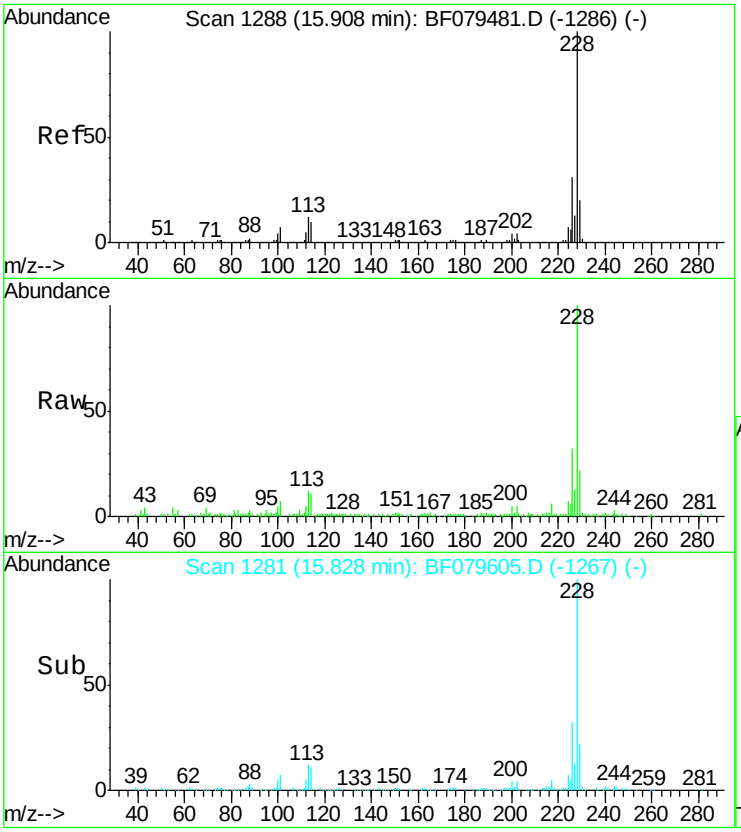


#80
Benzo(a)anthracene
Concen: 7.86 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.05 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion:228 Resp: 112476

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.8	34.2
229	20.7	15.9	23.9



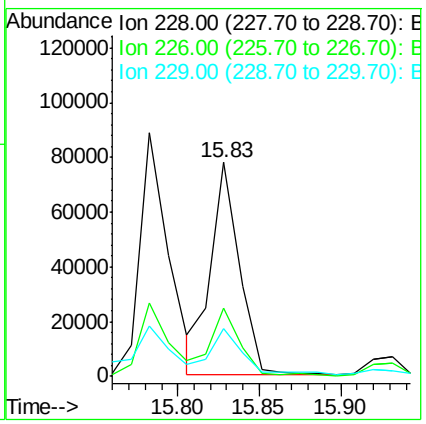


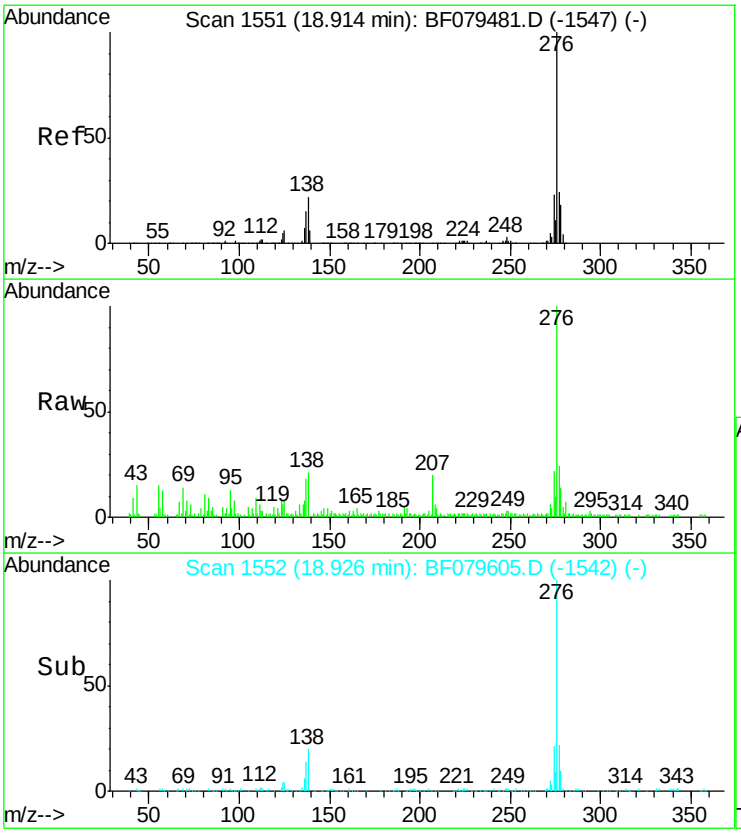
#82
Chrysene
Concen: 6.95 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion:228 Resp: 94629

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.4
229	22.1	15.9	23.9

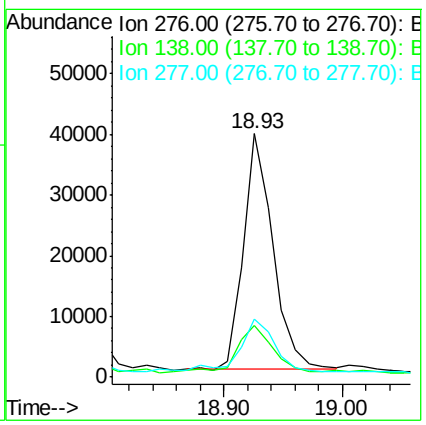


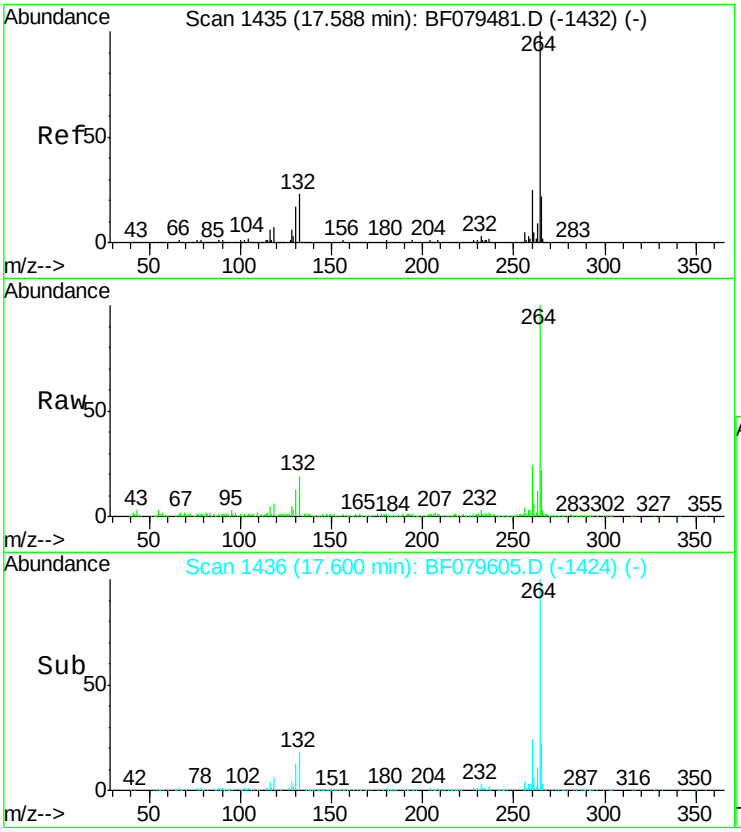


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.82 ng
RT: 18.93 min Scan# 1552
Delta R.T. -0.09 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion:276 Resp: 66878

Ion	Ratio	Lower	Upper
276	100		
138	24.0	21.4	32.2
277	26.9	19.8	29.6



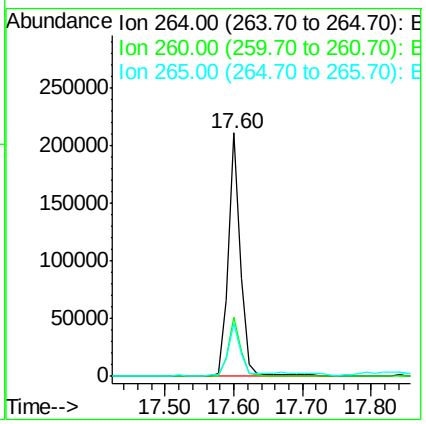


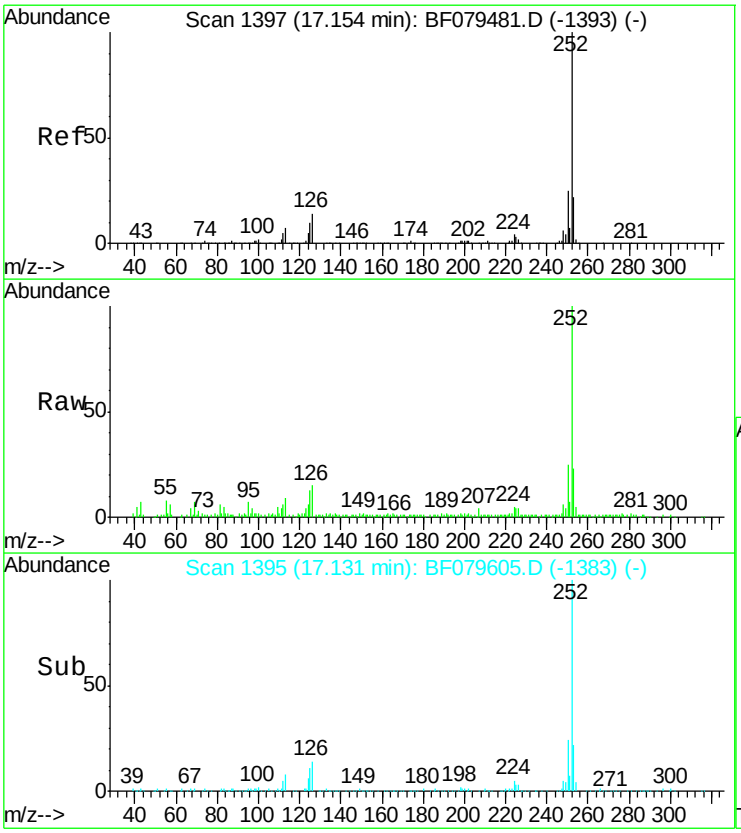
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.60 min Scan# 1436
Delta R.T. -0.07 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion:264 Resp: 267561

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	21.9	17.8	26.6

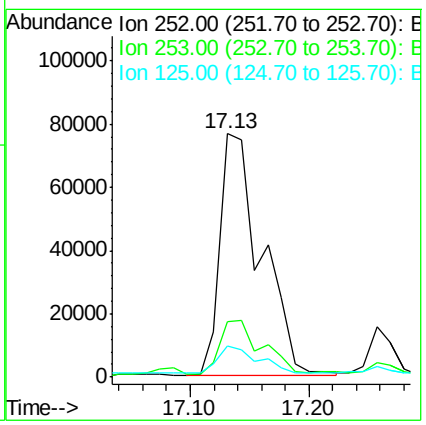


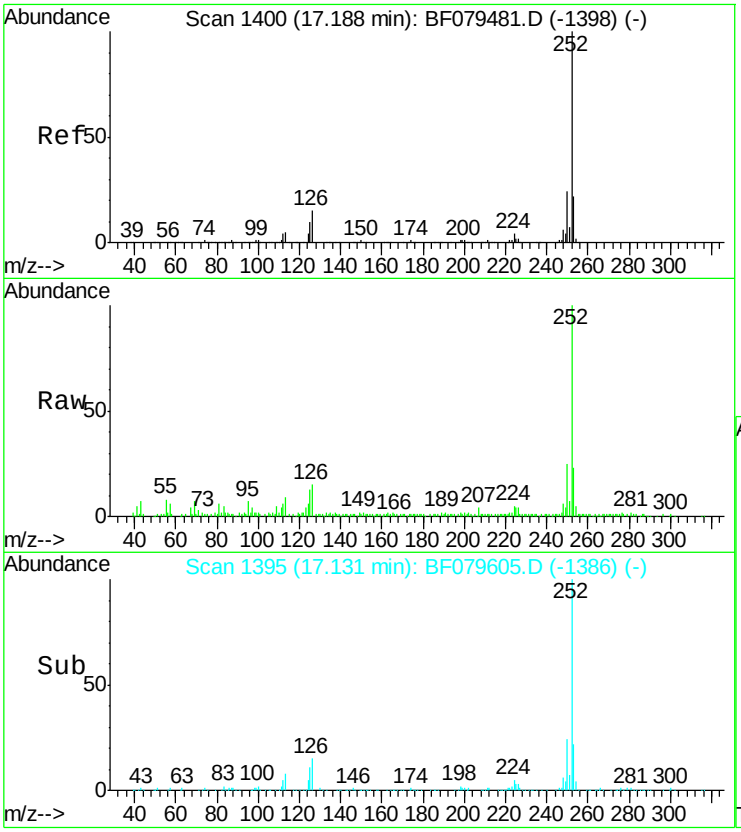


#87
Benzo(b)fluoranthene
Concen: 12.12 ng
RT: 17.13 min Scan# 1395
Delta R.T. -0.07 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion:252 Resp: 185006

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	13.0	7.8	11.6#



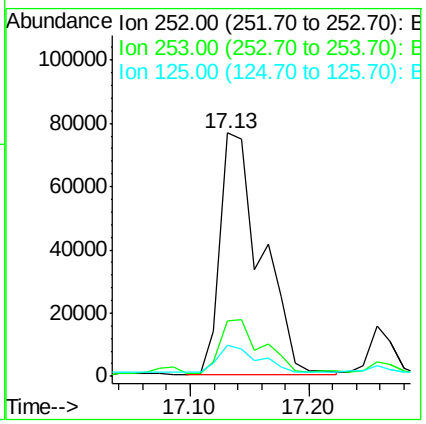


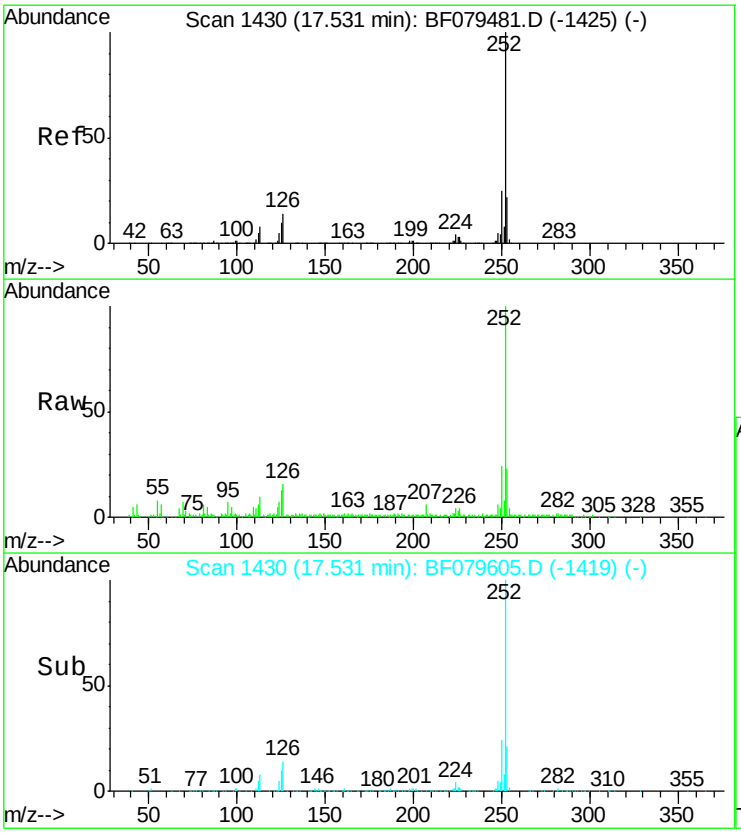
#88
Benzo(k)fluoranthene
Concen: 13.56 ng
RT: 17.13 min Scan# 1395
Delta R.T. -0.10 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion:252 Resp: 185006

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	13.0	6.8	10.2#

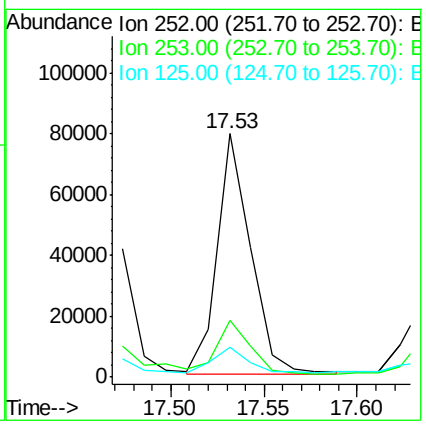


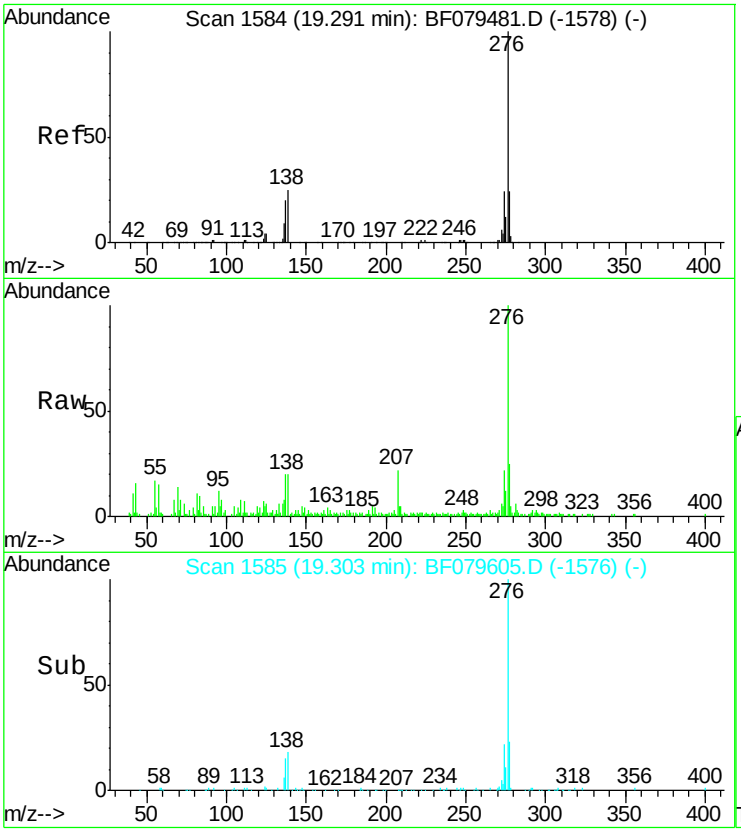


#89
Benzo(a)pyrene
Concen: 5.78 ng
RT: 17.53 min Scan# 1430
Delta R.T. -0.08 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion:252 Resp: 99839

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	12.5	7.9	11.9#





#91
Benzo(g,h,i)perylene
Concen: 2.22 ng
RT: 19.30 min Scan# 1585
Delta R.T. -0.10 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion:276 Resp: 71581

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.1	28.7
138	20.3	20.1	30.1