Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079171.D
Acq On : 12 May 2015 21:40
Operator : TP/IZ
Sample : G2175-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-H

Quant Time: May 13 02:17:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	49664	20.00	ng		0.00
21) Naphthalene-d8	8.86	136	209858	20.00	ng		0.00
38) Acenaphthene-d10	11.03	164	100907	20.00	ng		-0.01
63) Phenanthrene-d10	12.88	188	194438	20.00	ng		0.00
75) Chrysene-d12	16.16	240	213237	20.00	ng		-0.03
86) Perylene-d12	17.86	264	227780	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	113394	39.30	ng		0.01
7) Phenol-d6	6.84	99	179193	46.99	ng		0.00
23) Nitrobenzene-d5	7.98	82	93957	25.73	ng		0.00
41) 2,4,6-Tribromophenol	12.01	330	117693	107.81	ng		0.00
44) 2-Fluorobiphenyl	10.20	172	315287	43.53	ng		0.00
78) Terphenyl-d14	14.87	244	585913	65.78	ng		-0.01
Target Compounds							Qvalue
32) Benzoic acid	8.51	122	2283	7.37	ng		98
48) Acenaphthylene	10.86	152	21484	2.09	ng		98
49) Dimethylphthalate	10.71	163	18801	2.54	ng		98
70) Phenanthrene	12.90	178	40971	3.77	ng		99
74) Fluoranthene	14.39	202	96936	8.55	ng		92
77) Pyrene	14.66	202	109834	8.94	ng		98
80) Benzo(a)anthracene	16.15	228	54081m	4.63	ng		
82) Chrysene	16.19	228	60331	5.37	ng		98
85) Indeno(1,2,3-cd)pyrene	19.31	276	38018m	2.66	ng		
87) Benzo(b)fluoranthene	17.43	252	74575	5.98	ng		98
88) Benzo(k)fluoranthene	17.44	252	32880m	2.72	ng		
89) Benzo(a)pyrene	17.79	252	54793	4.77	ng	#	91
91) Benzo(g,h,i)perylene	19.74	276	40054	3.28	ng	#	90

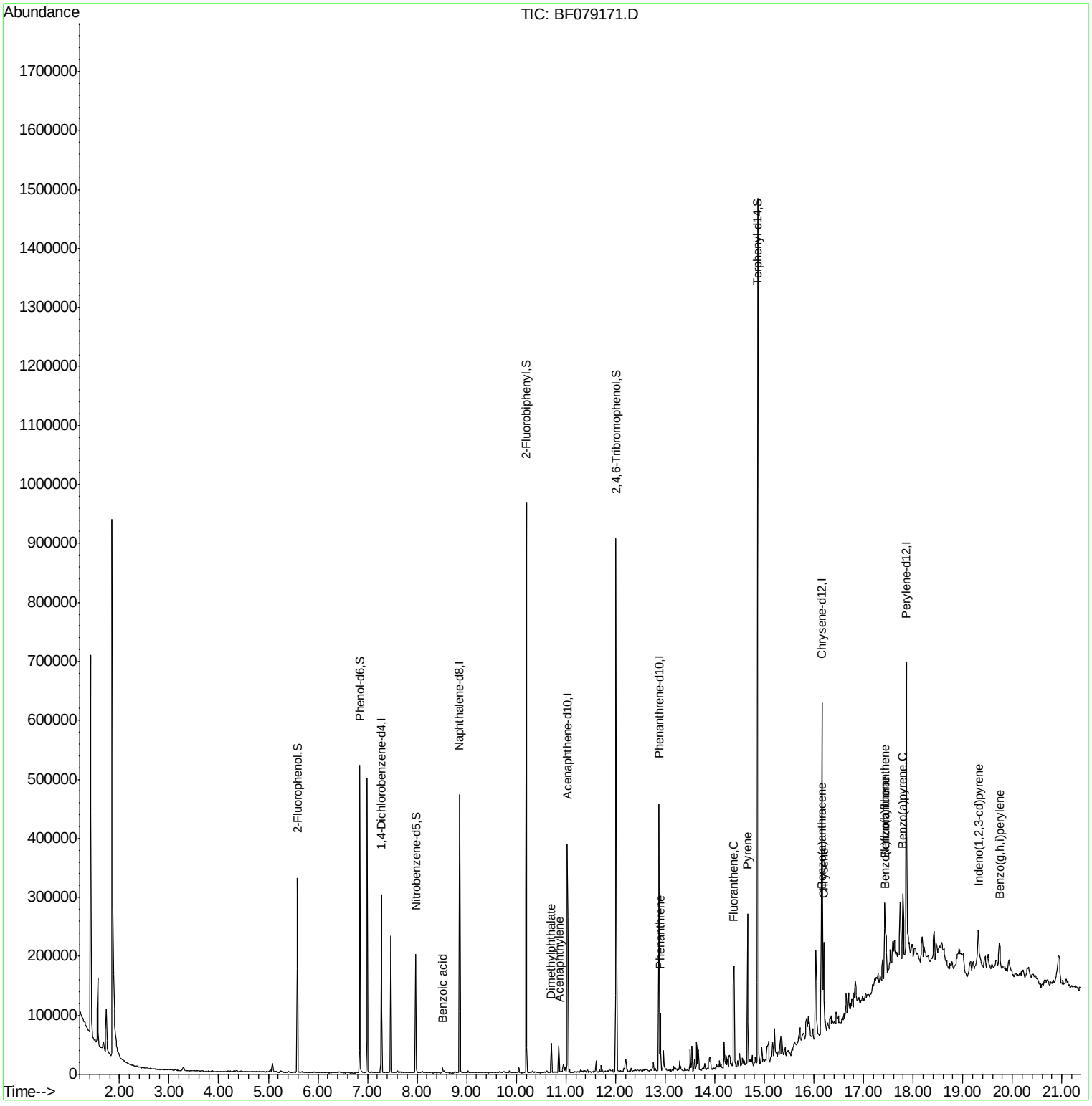
(#) = qualifier out of range (m) = manual integration (+) = signals summed

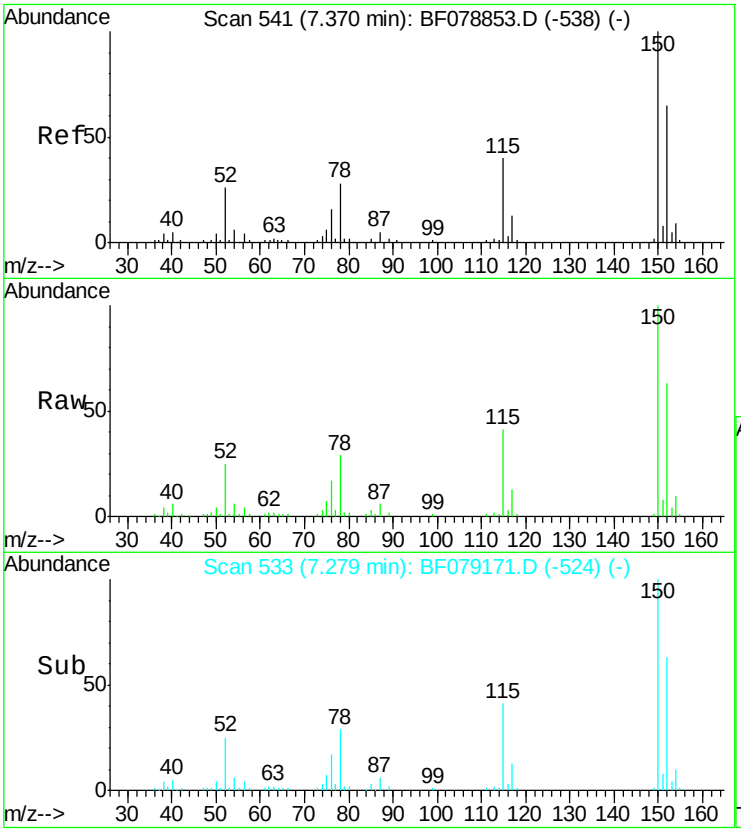
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079171.D
Acq On : 12 May 2015 21:40
Operator : TP/IZ
Sample : G2175-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-H

Quant Time: May 13 02:17:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration



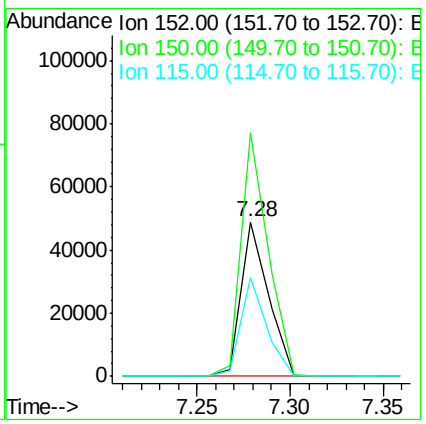


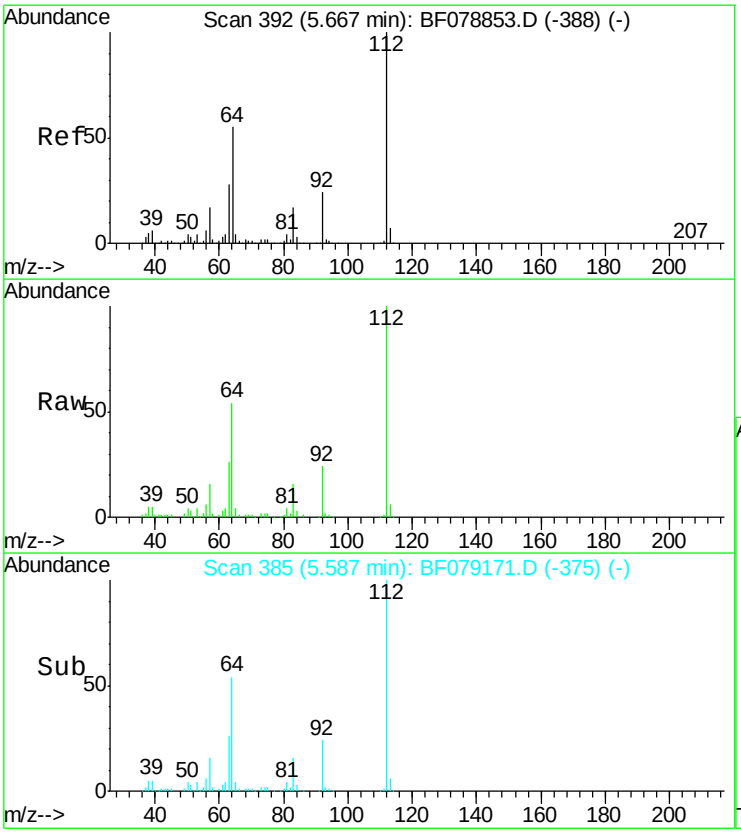
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-H

Tgt Ion:152 Resp: 49664

Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.0	183.0
115	63.8	46.3	69.5

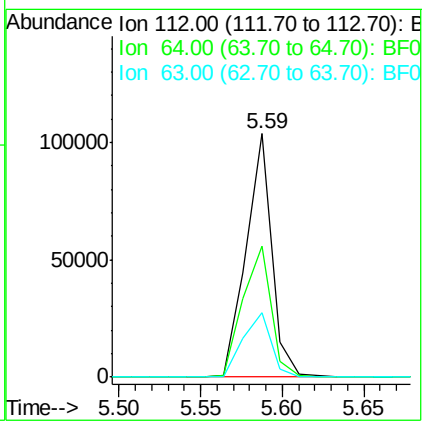


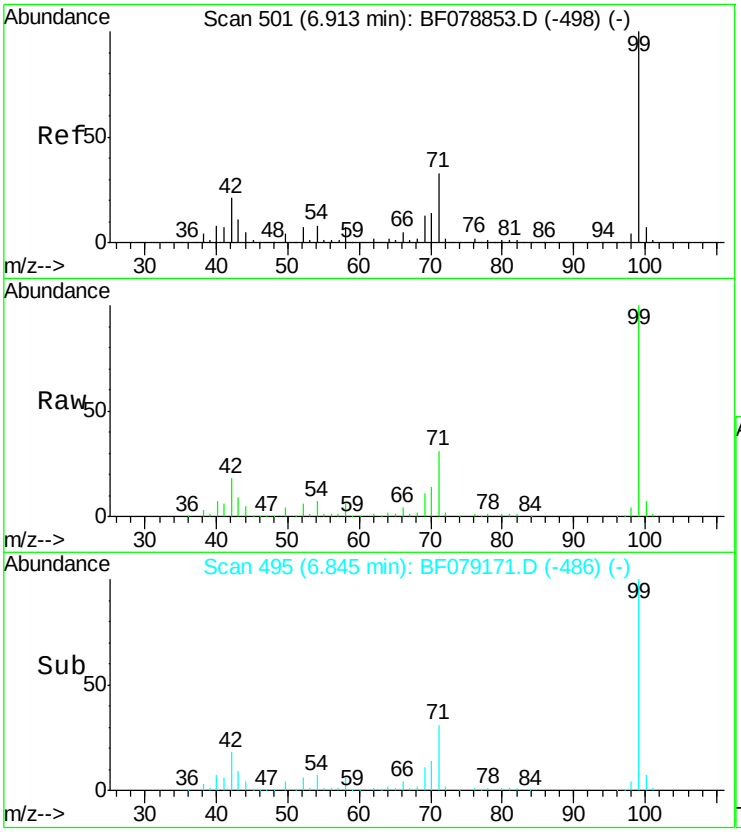


#5
2-Fluorophenol
Concen: 39.30 ng
RT: 5.59 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Tgt Ion:112 Resp: 113394

Ion	Ratio	Lower	Upper
112	100		
64	53.8	53.5	80.3
63	26.2	27.5	41.3#



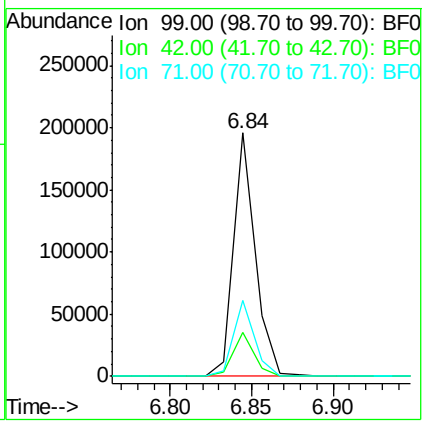


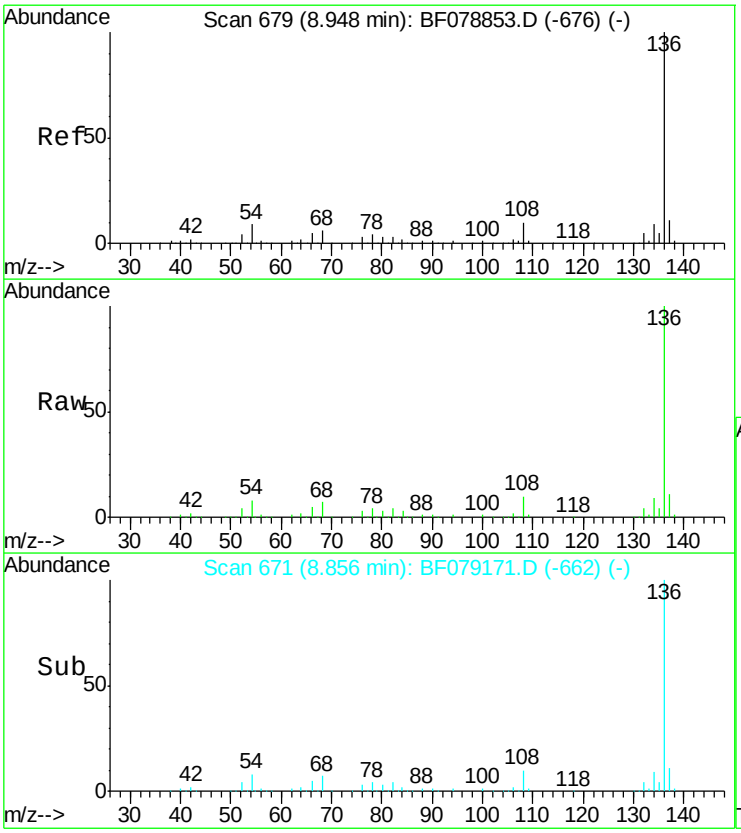
#7
Phenol-d6
Concen: 46.99 ng
RT: 6.84 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-H

Tgt Ion: 99 Resp: 179193

Ion	Ratio	Lower	Upper
99	100		
42	17.9	12.8	19.2
71	31.0	23.4	35.2

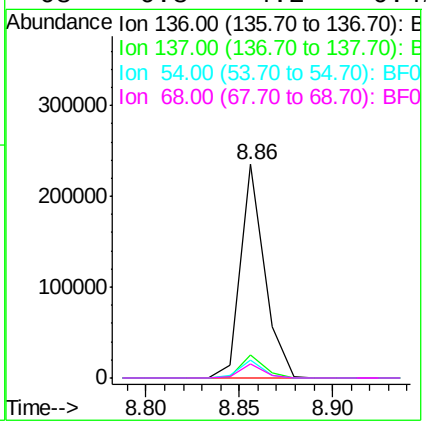


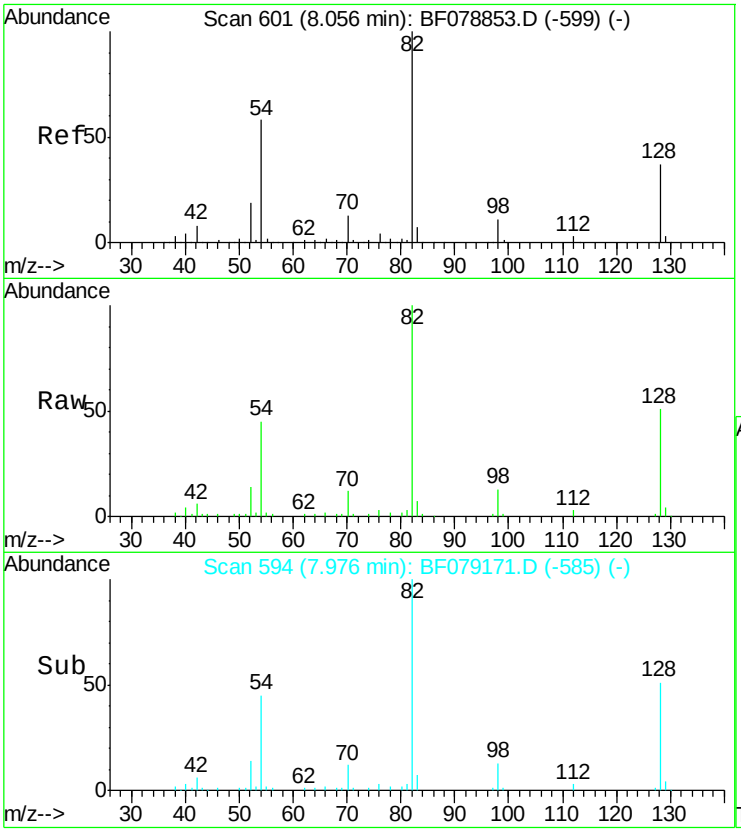


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Tgt Ion:136 Resp: 209858

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.2	5.8	8.8
68	6.8	4.2	6.4#



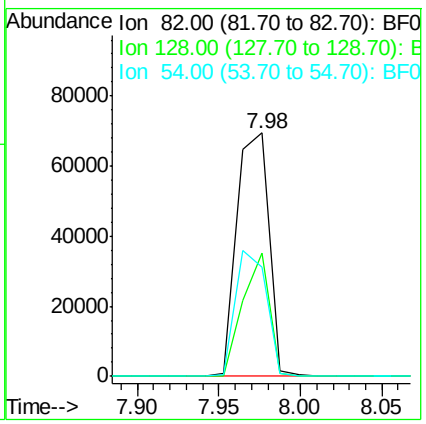


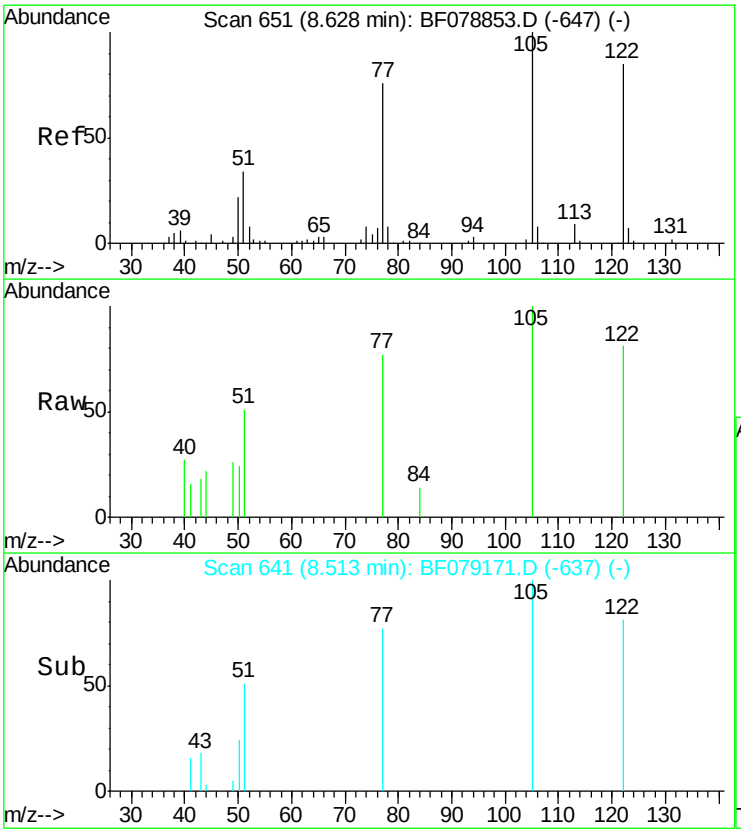
#23
Nitrobenzene-d5
Concen: 25.73 ng
RT: 7.98 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-H

Tgt Ion: 82 Resp: 93957

Ion	Ratio	Lower	Upper
82	100		
128	50.6	30.0	45.0#
54	44.8	46.4	69.6#

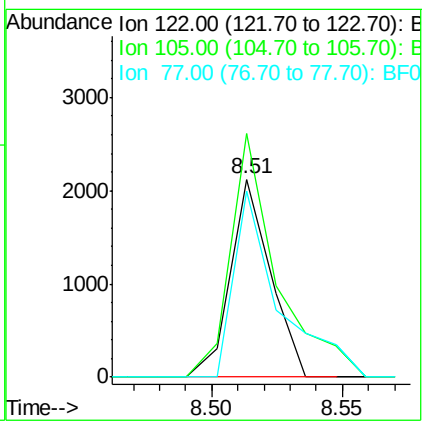


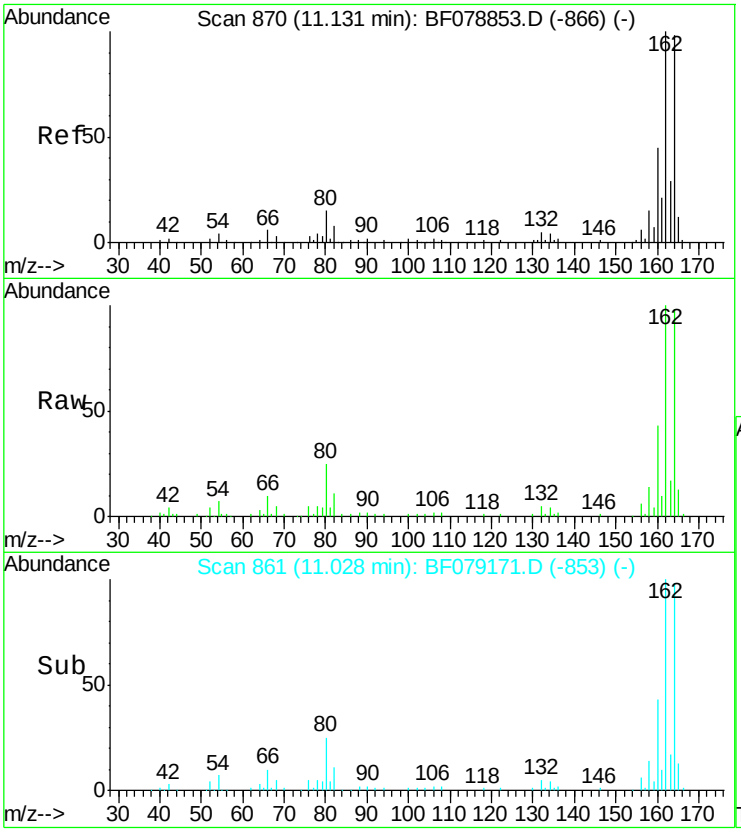


#32
Benzoic acid
Concen: 7.37 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Tgt Ion:122 Resp: 2283

Ion	Ratio	Lower	Upper
122	100		
105	123.1	107.1	147.1
77	94.3	73.9	113.9



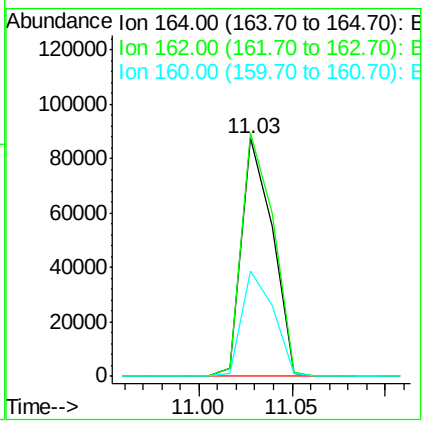


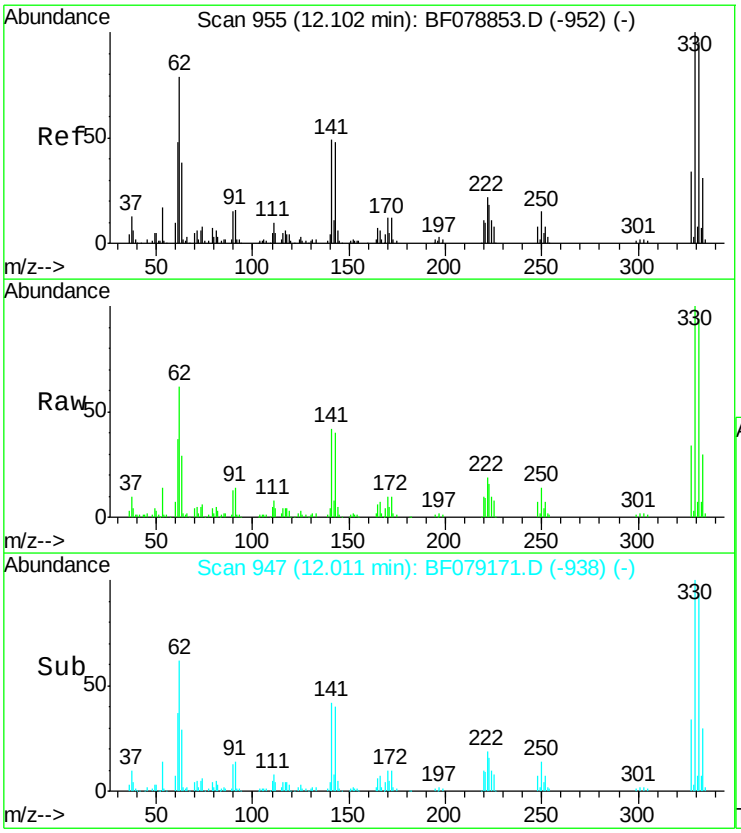
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-H

Tgt Ion:164 Resp: 100907

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.7	124.1
160	44.1	35.8	53.8

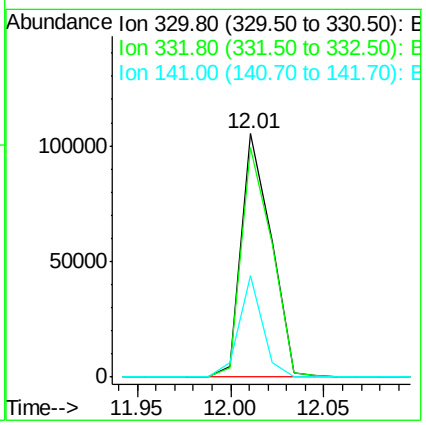


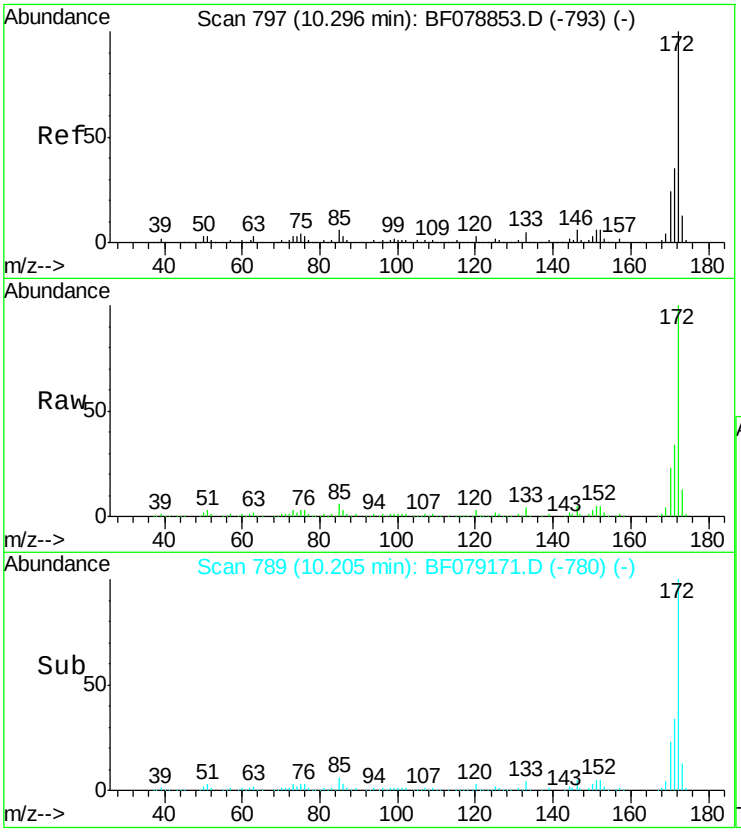


#41
2,4,6-Tribromophenol
Concen: 107.81 ng
RT: 12.01 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Tgt Ion:330 Resp: 117693

Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	33.3	0.0	0.0#



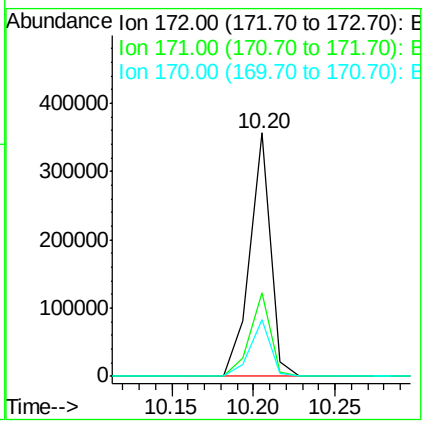


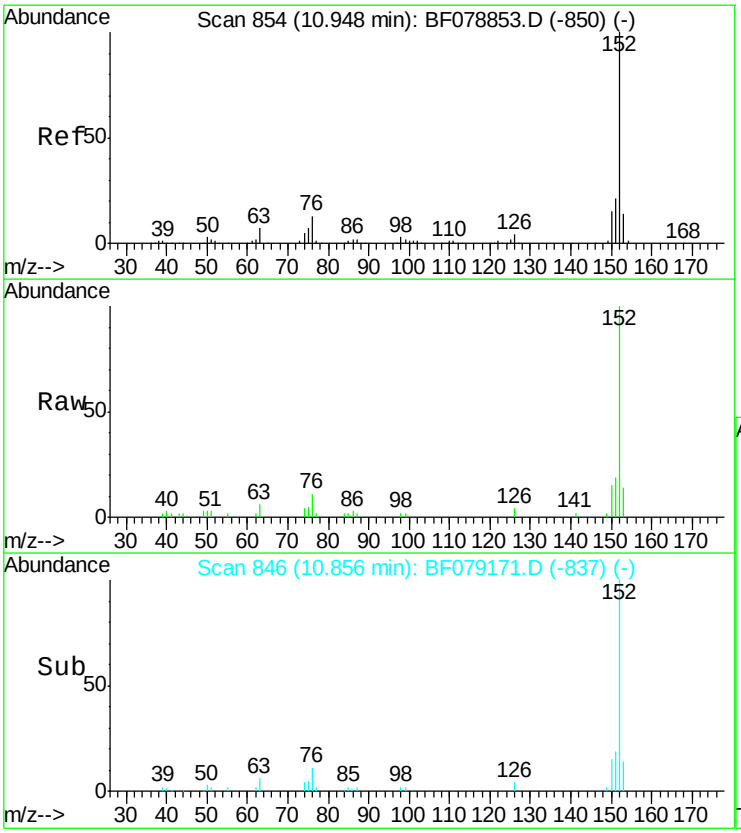
#44
2-Fluorobiphenyl
Concen: 43.53 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-H

Tgt Ion:172 Resp: 315287

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.9	41.9
170	23.5	19.4	29.0

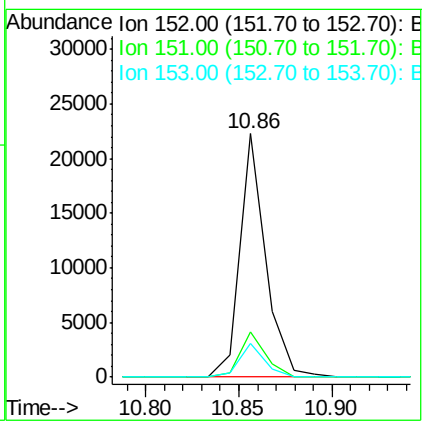


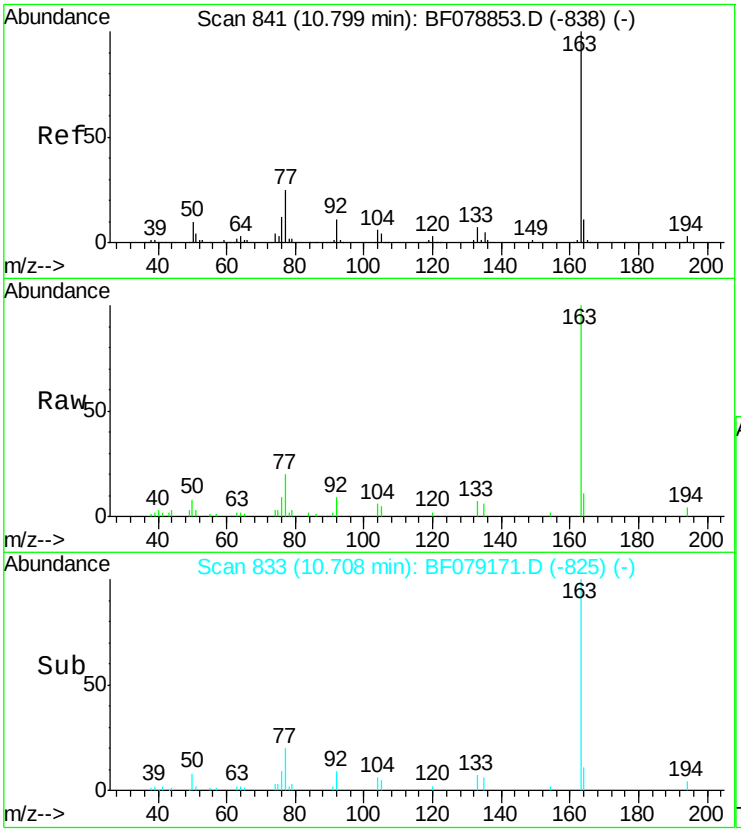


#48
Acenaphthylene
Concen: 2.09 ng
RT: 10.86 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Tgt Ion:152 Resp: 21484

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.2	24.4
153	13.9	10.9	16.3



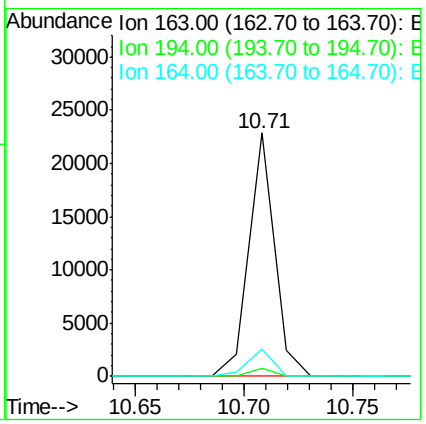


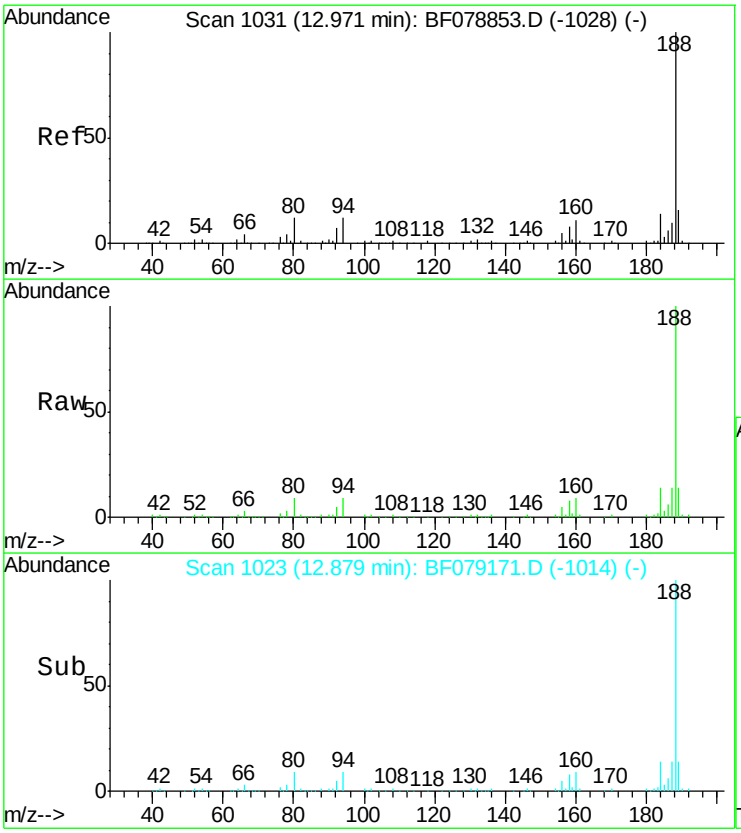
#49
Dimethylphthalate
Concen: 2.54 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-H

Tgt Ion:163 Resp: 18801

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	11.2	8.1	12.1

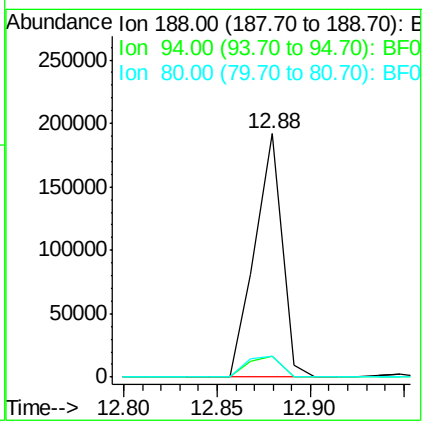


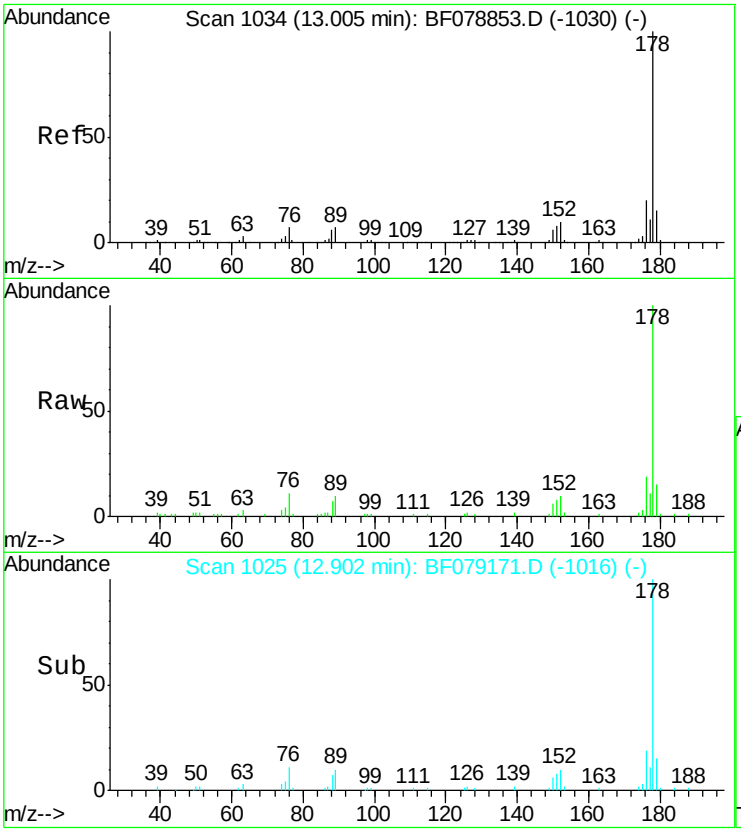


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Tgt Ion:188 Resp: 194438

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	8.6	8.9	13.3#



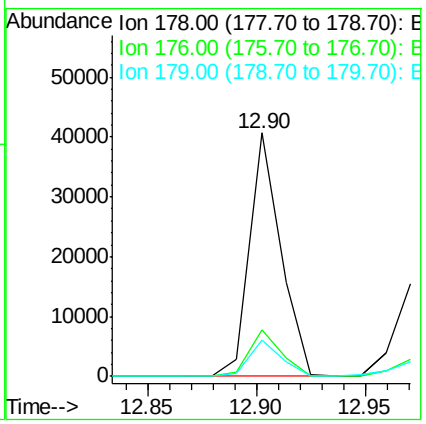


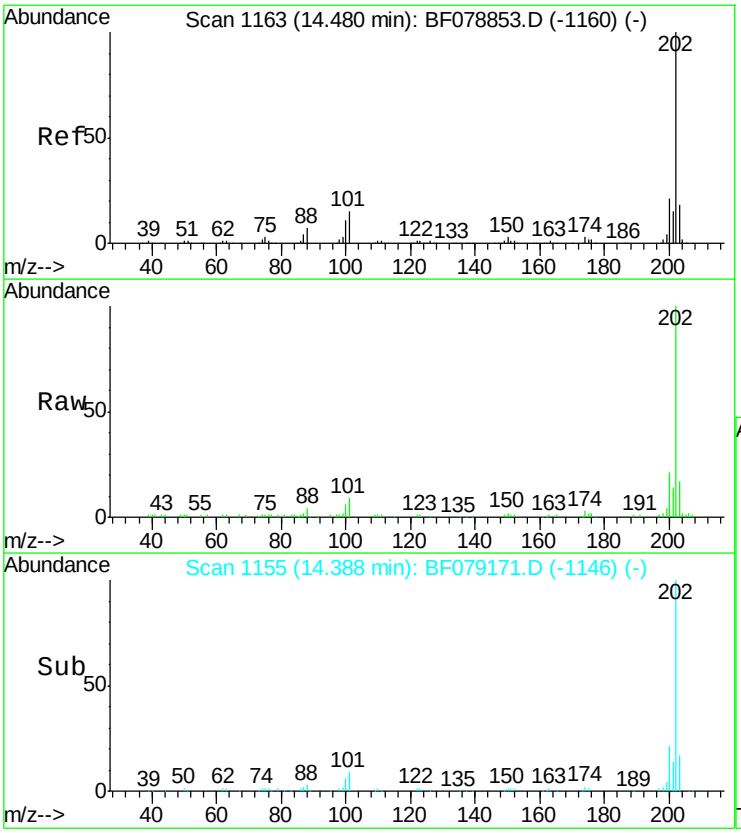
#70
Phenanthrene
Concen: 3.77 ng
RT: 12.90 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-H

Tgt Ion:178 Resp: 40971

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.0	12.5	18.7

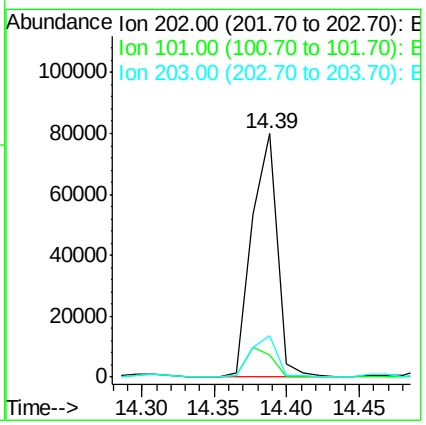


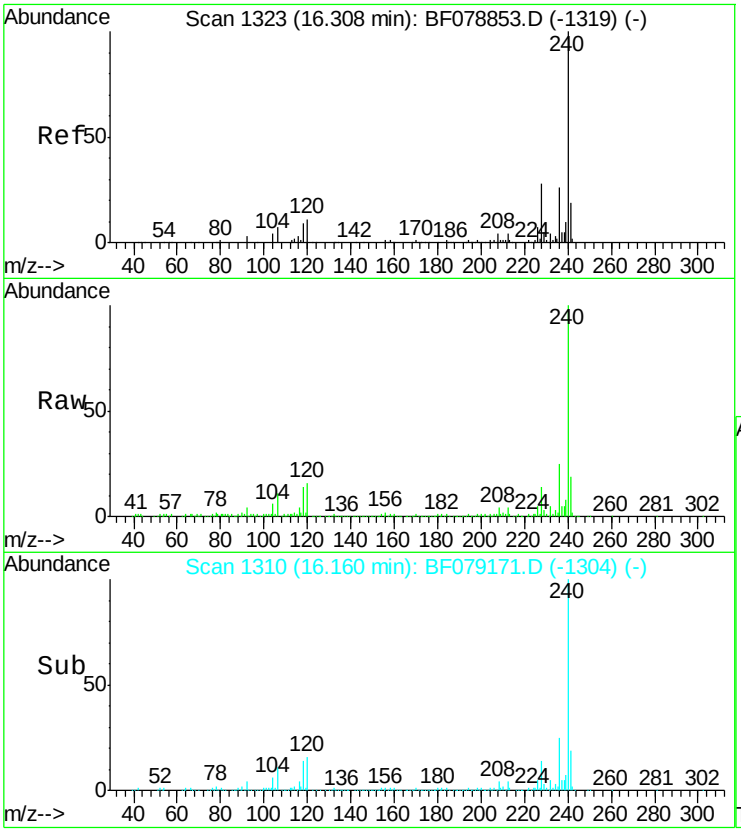


#74
Fluoranthene
Concen: 8.55 ng
RT: 14.39 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Tgt Ion:202 Resp: 96936

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	34.6
203	16.9	0.0	38.4



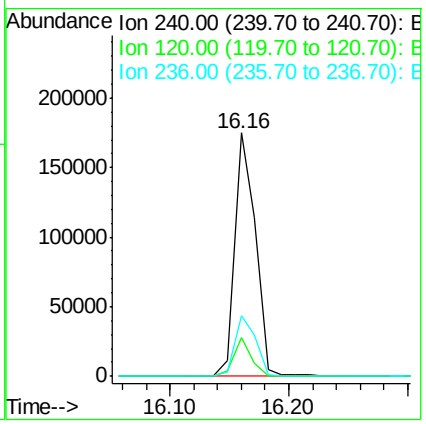


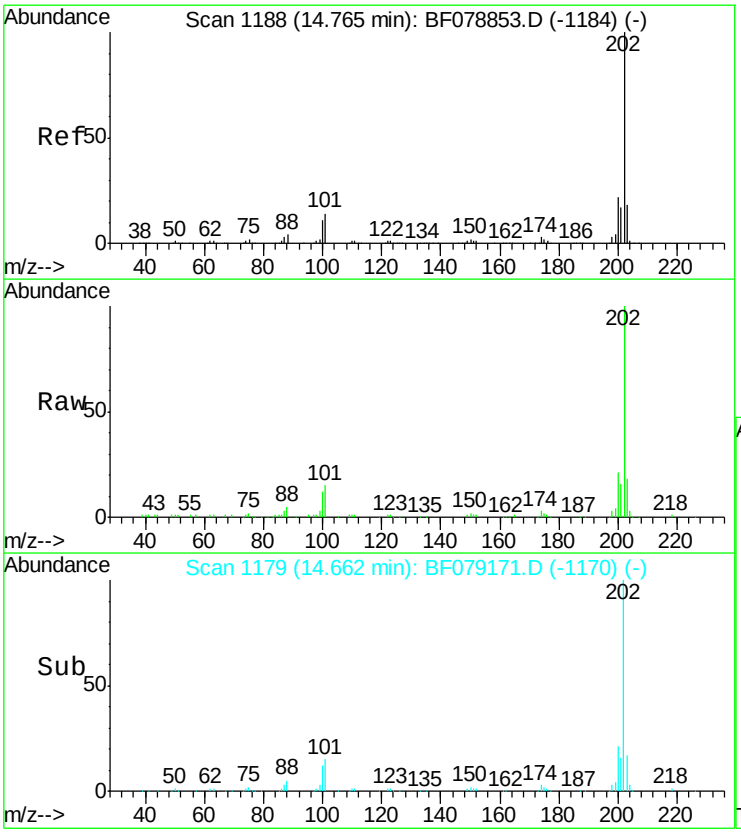
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-H

Tgt Ion:240 Resp: 213237

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.7	14.5#
236	25.1	20.2	30.4

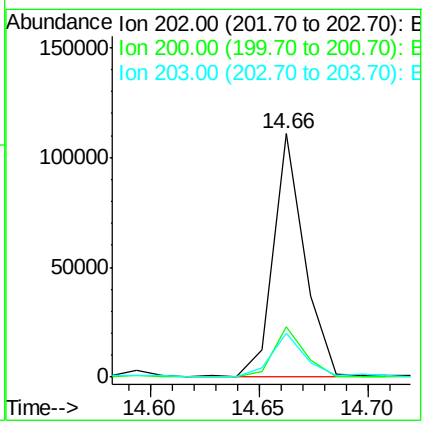


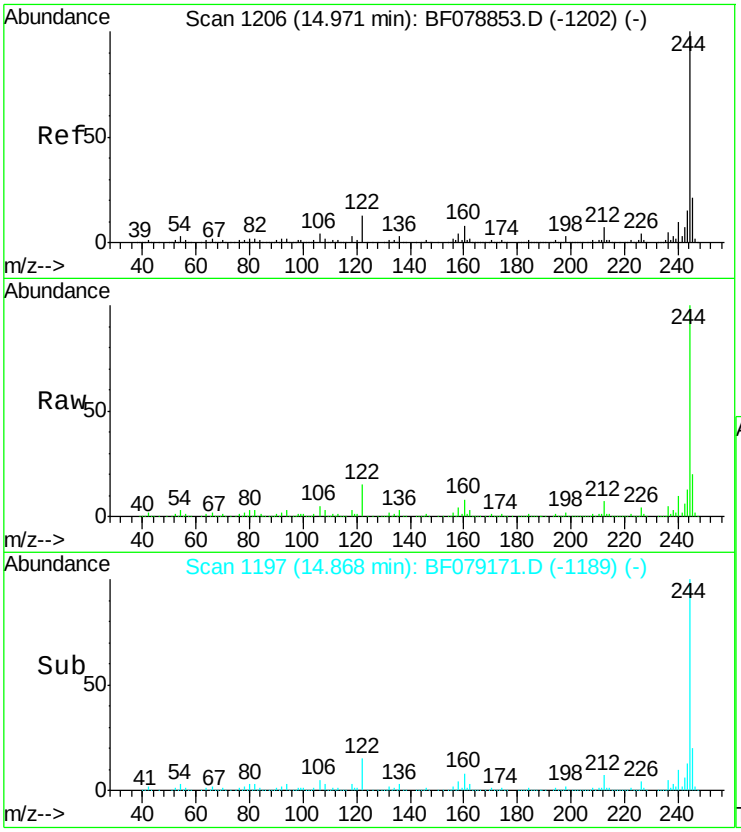


#77
Pyrene
Concen: 8.94 ng
RT: 14.66 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Tgt Ion:202 Resp: 109834

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.5	26.3
203	17.8	13.9	20.9



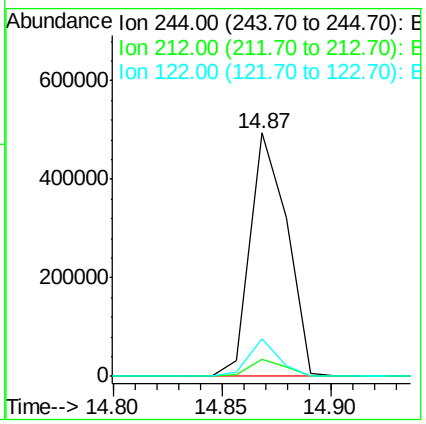


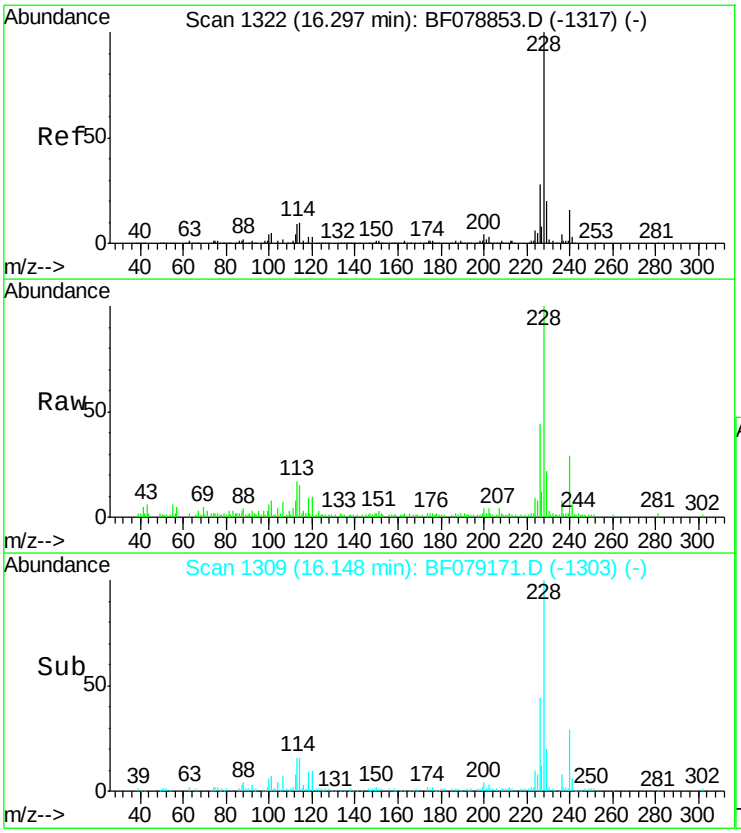
#78
Terphenyl-d14
Concen: 65.78 ng
RT: 14.87 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-H

Tgt Ion:244 Resp: 585913

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	15.5	10.3	15.5#

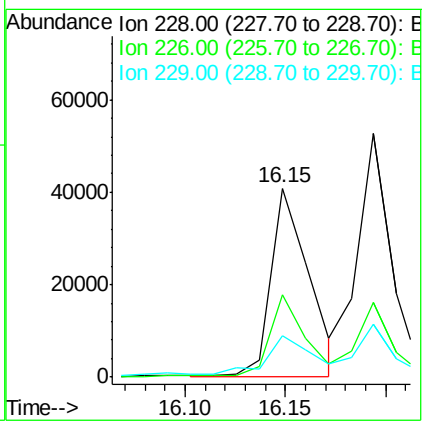


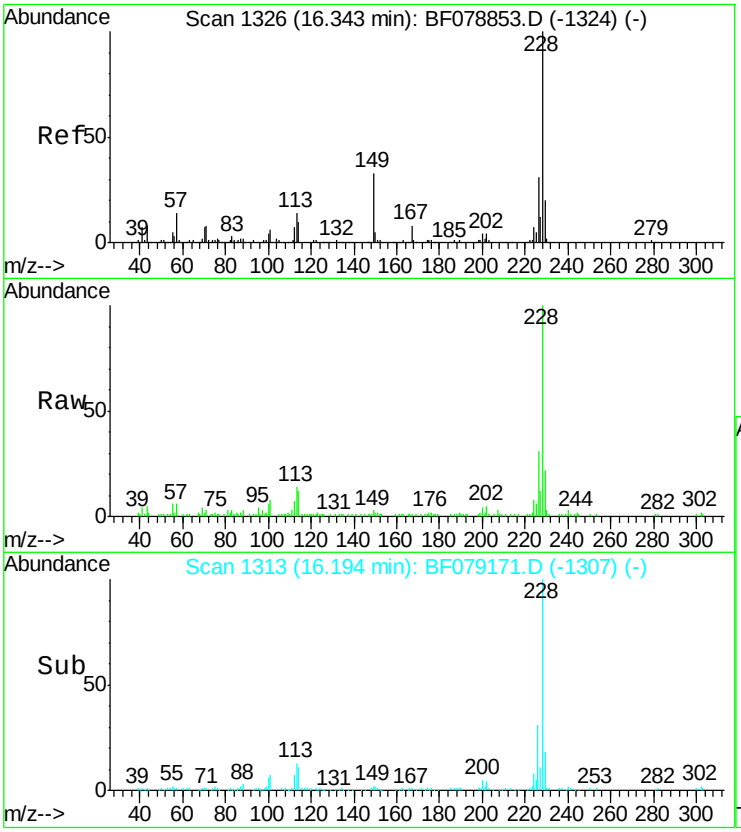


#80
Benzo(a)anthracene
Concen: 4.63 ng m
RT: 16.15 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Tgt Ion:228 Resp: 54081

Ion	Ratio	Lower	Upper
228	100		
226	43.9	22.6	33.8#
229	21.9	15.9	23.9



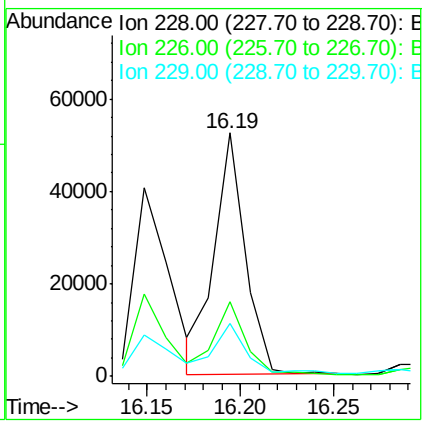


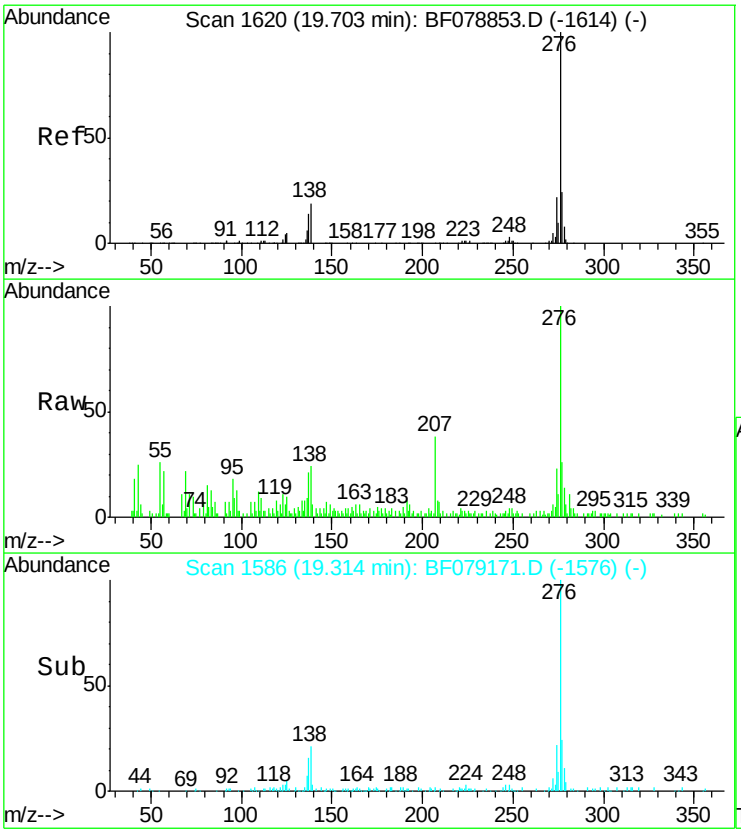
#82
Chrysene
Concen: 5.37 ng
RT: 16.19 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-H

Tgt Ion:228 Resp: 60331

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	21.8	16.0	24.0

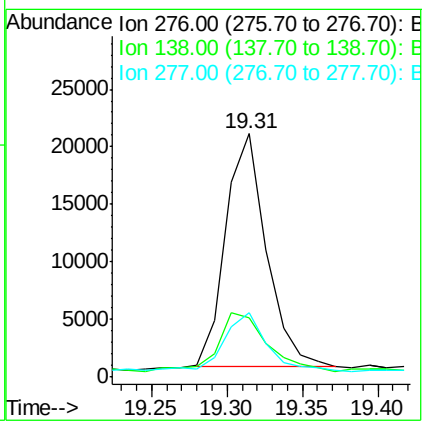


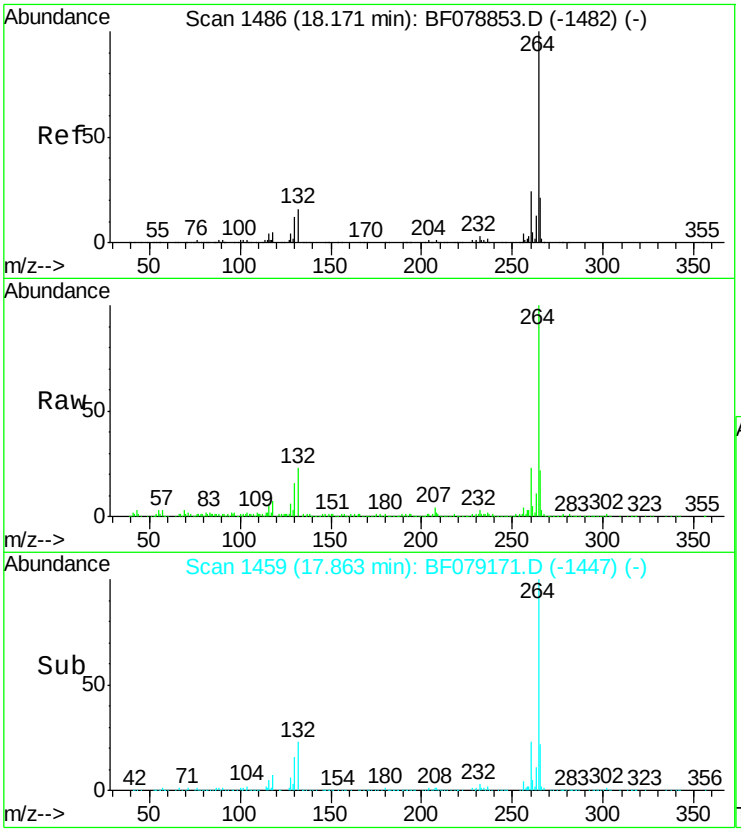


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.66 ng m
RT: 19.31 min Scan# 1586
Delta R.T. -0.18 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Tgt Ion:276 Resp: 38018

Ion	Ratio	Lower	Upper
276	100		
138	1.9	0.0	0.0#
277	2.0	0.0	0.0#



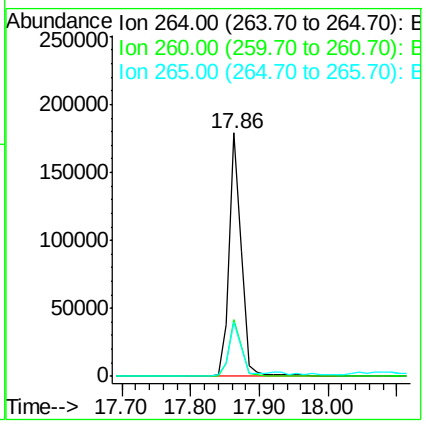


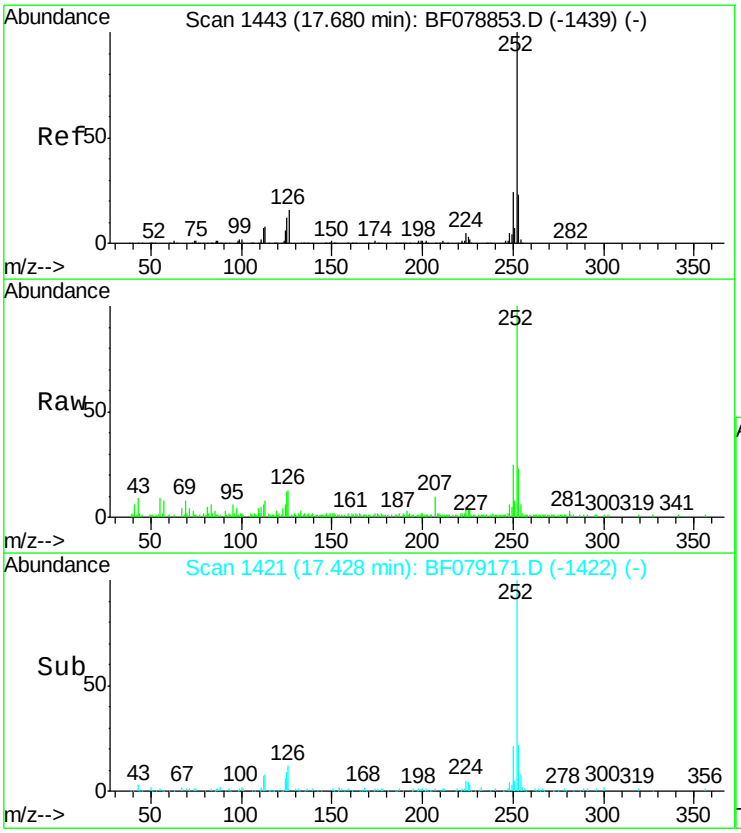
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.86 min Scan# 1459
Delta R.T. -0.16 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-H

Tgt Ion:264 Resp: 227780

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	22.5	18.3	27.5

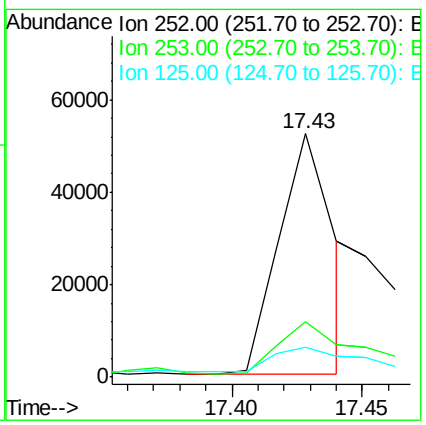


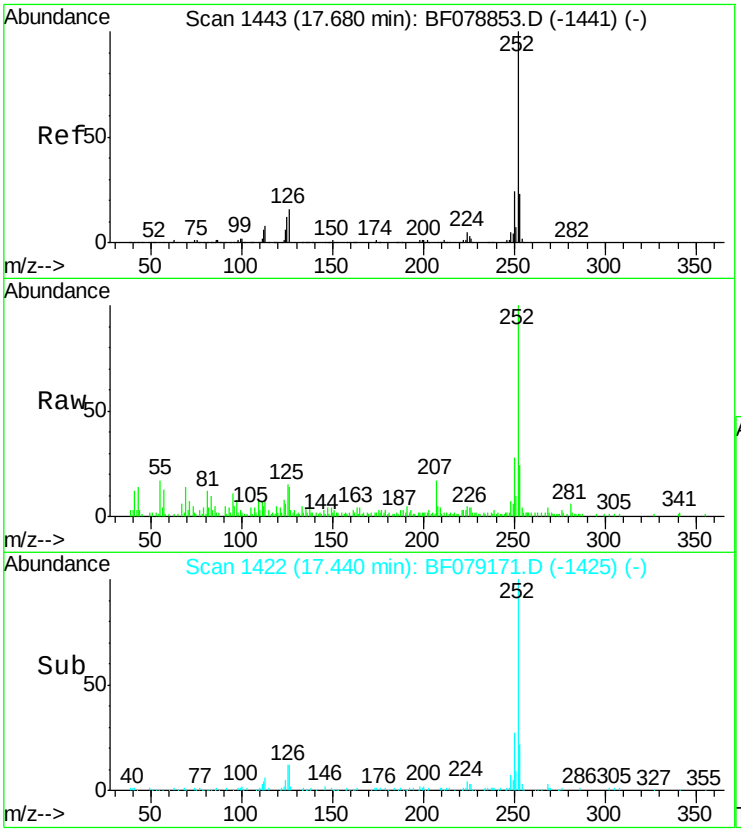


#87
Benzo(b)fluoranthene
Concen: 5.98 ng
RT: 17.43 min Scan# 1421
Delta R.T. -0.11 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Tgt Ion:252 Resp: 74575

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	12.4	9.5	14.3



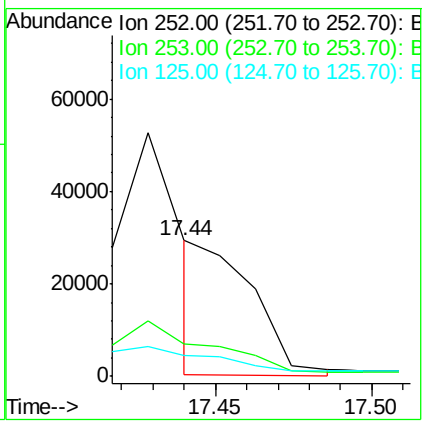


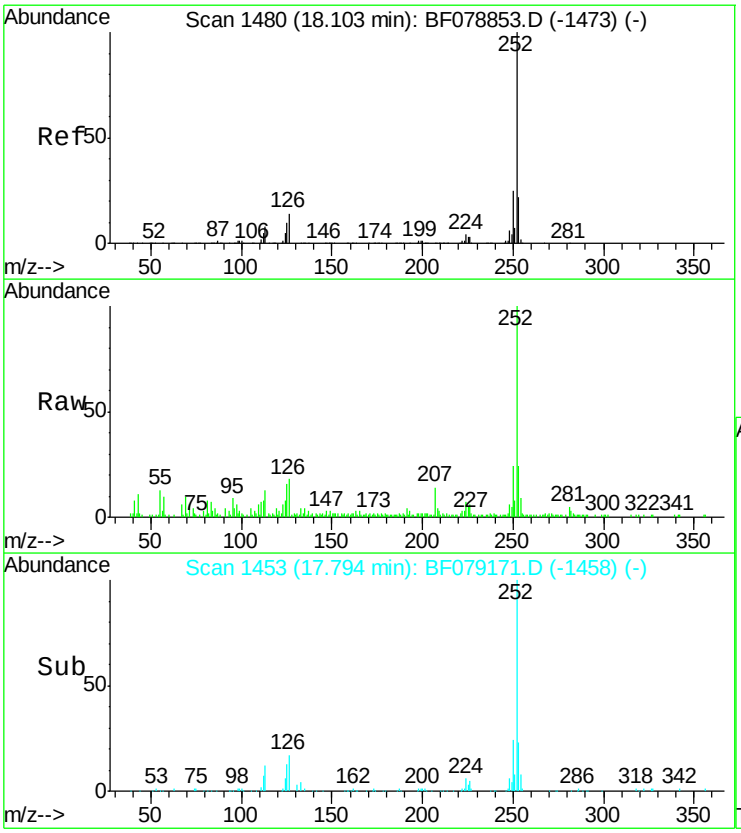
#88
Benzo(k)fluoranthene
Concen: 2.72 ng m
RT: 17.44 min Scan# 1422
Delta R.T. -0.14 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-H

Tgt Ion:252 Resp: 32880

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	15.2	10.0	15.0#

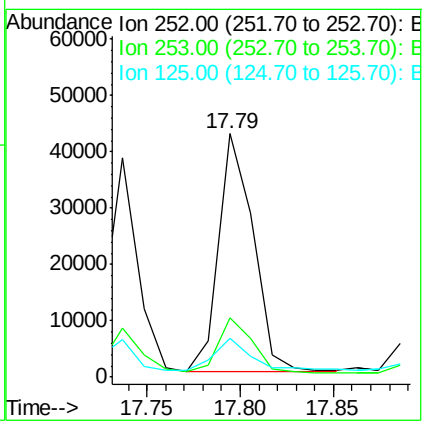


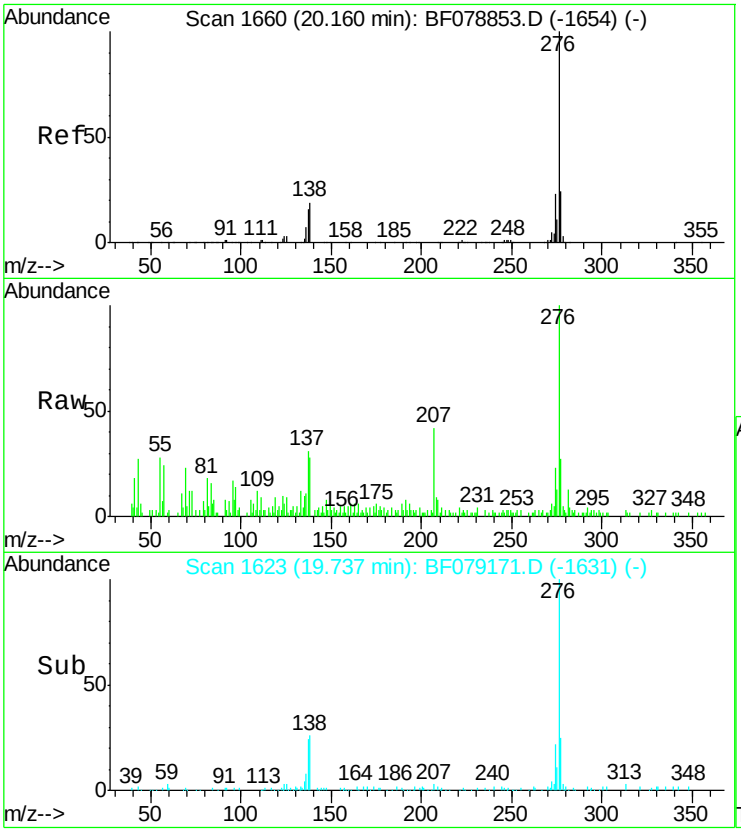


#89
Benzo(a)pyrene
Concen: 4.77 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.16 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Tgt Ion:252 Resp: 54793

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.3	25.9
125	15.8	7.0	10.6#





#91
Benzo(g,h,i)perylene
Concen: 3.28 ng
RT: 19.74 min Scan# 1623
Delta R.T. -0.19 min
Lab File: BF079171.D
Acq: 12 May 2015 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-H

Tgt Ion:276 Resp: 40054

Ion	Ratio	Lower	Upper
276	100		
277	27.2	18.6	28.0
138	27.6	17.4	26.0#