Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

Quant Time: May 18 07:38:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	157963	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	585788	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	246688	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	375877	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	297080	20.00	ng		-0.02
86) Perylene-d12	15.11	264	329125	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1300002	138.33	ng		-0.01
7) Phenol-d6	6.27	99	1856210	147.27	ng		-0.01
23) Nitrobenzene-d5	7.18	82	1239188	105.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	324200	118.93	ng		-0.02
44) 2-Fluorobiphenyl	8.96	172	1562393	104.89	ng		-0.02
78) Terphenyl-d14	12.70	244	986588	75.12	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	6.74	79	22377	2.38	ng	#	43
49) Dimethylphthalate	9.36	163	234198	12.45	ng		100
55) 4-Nitrophenol	9.78	139	259	Below Cal		#	1
66) 4-Bromophenyl-phenylether	10.42	248	20421	5.28	ng	#	1
70) Phenanthrene	11.13	178	112682	5.53	ng		98
71) Anthracene	11.13	178	112682	5.46	ng		98
74) Fluoranthene	12.33	202	332742	16.29	ng		94
77) Pyrene	12.55	202	288322	13.43	ng		98
79) Butylbenzylphthalate	13.18	149	149442	16.49	ng		92
80) Benzo(a)anthracene	13.73	228	139401	8.12	ng		97
82) Chrysene	13.76	228	131640	7.92	ng		97
83) Bis(2-ethylhexyl)phthalate	13.74	149	208094	18.87	ng		98
85) Indeno(1,2,3-cd)pyrene	16.35	276	68491	4.70	ng	#	90
87) Benzo(b)fluoranthene	14.73	252	255897	11.72	ng	#	88
88) Benzo(k)fluoranthene	14.73	252	255897	15.74	ng	#	86
89) Benzo(a)pyrene	15.05	252	91337	5.00	ng	#	81
91) Benzo(g,h,i)perylene	16.72	276	65244	4.20	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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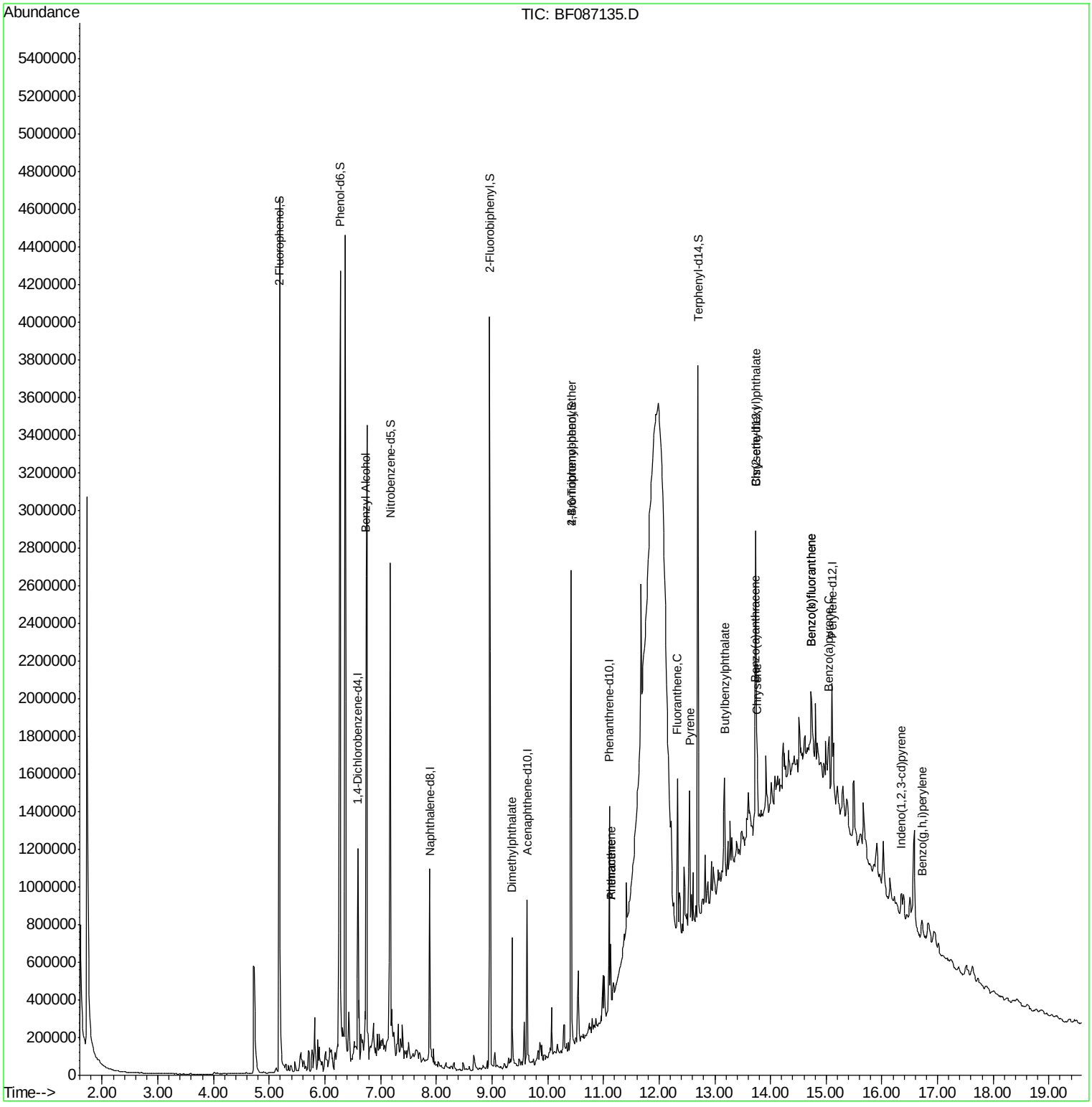
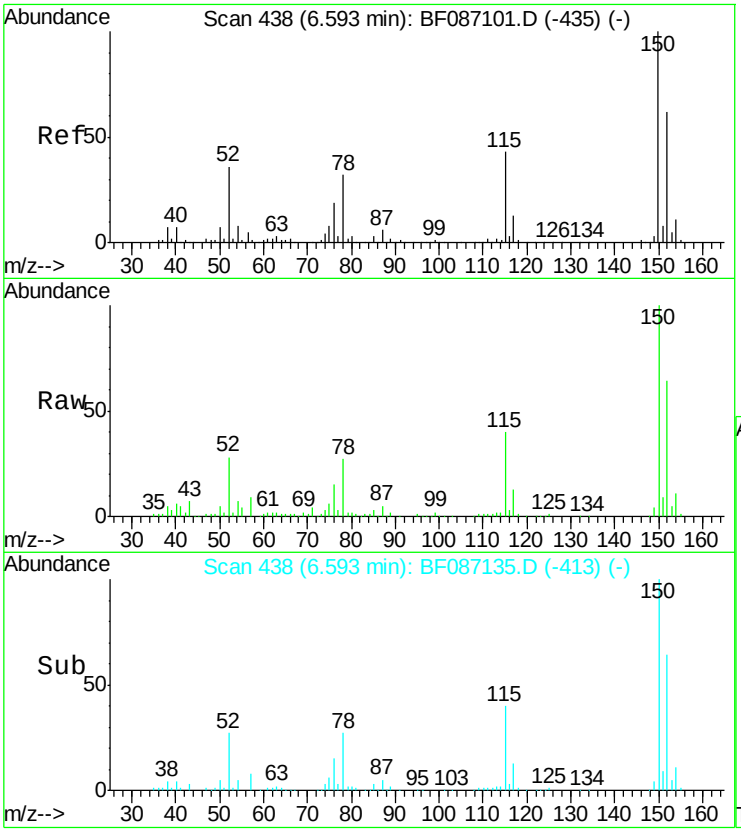


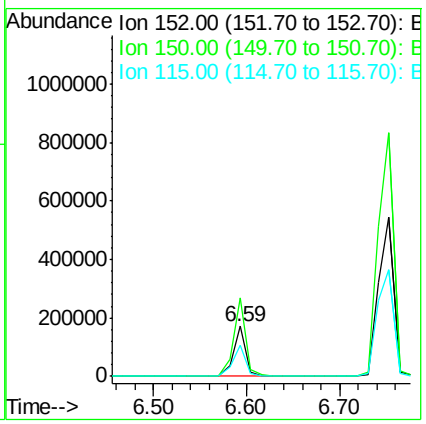


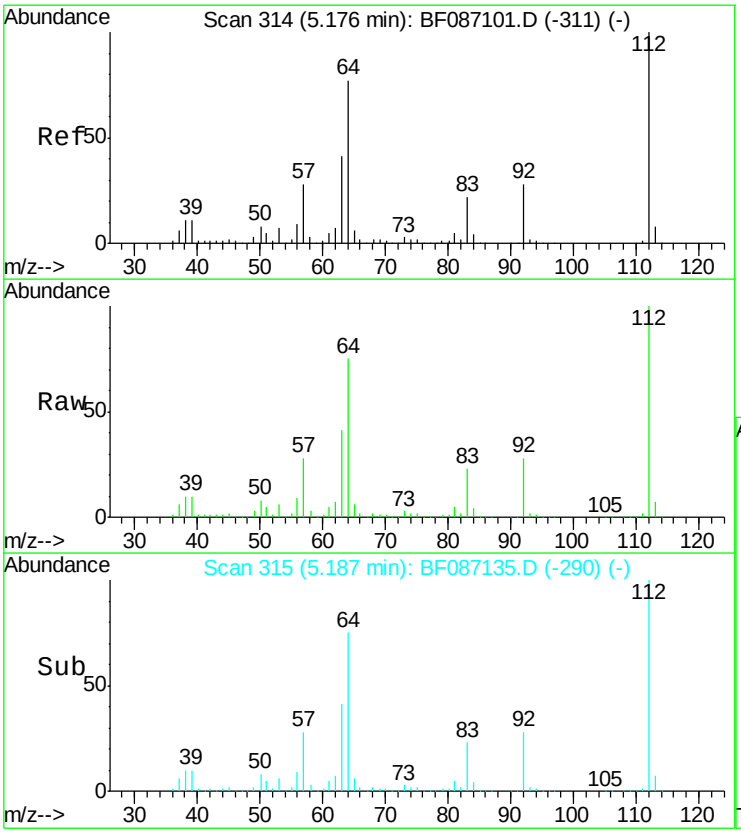
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion:152 Resp: 157963

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.8	188.6
115	62.0	51.5	77.3

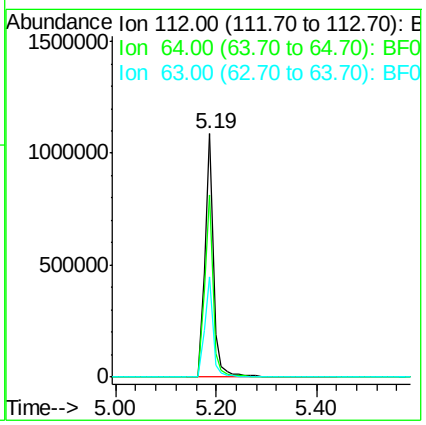


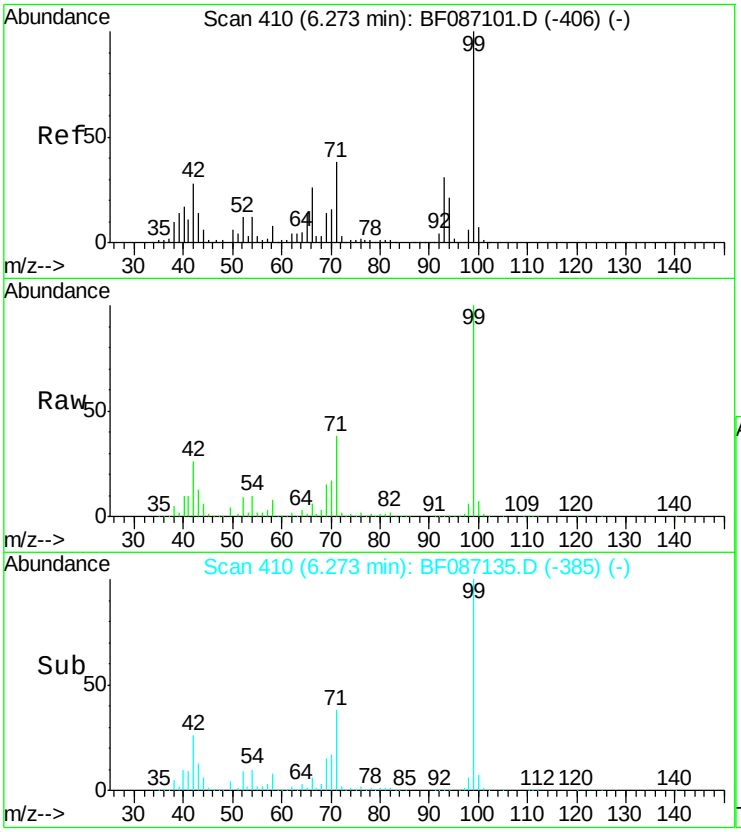


#5
2-Fluorophenol
Concen: 138.33 ng
RT: 5.19 min Scan# 315
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion:112 Resp: 1300002

Ion	Ratio	Lower	Upper
112	100		
64	75.0	52.1	78.1
63	40.9	25.7	38.5#



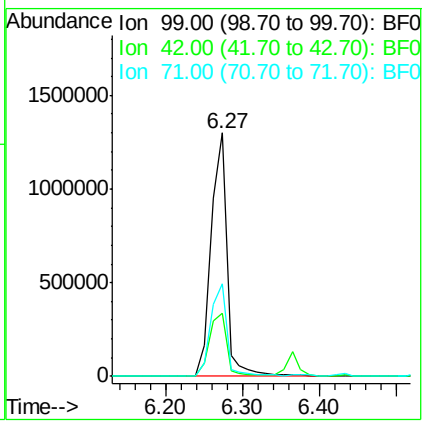


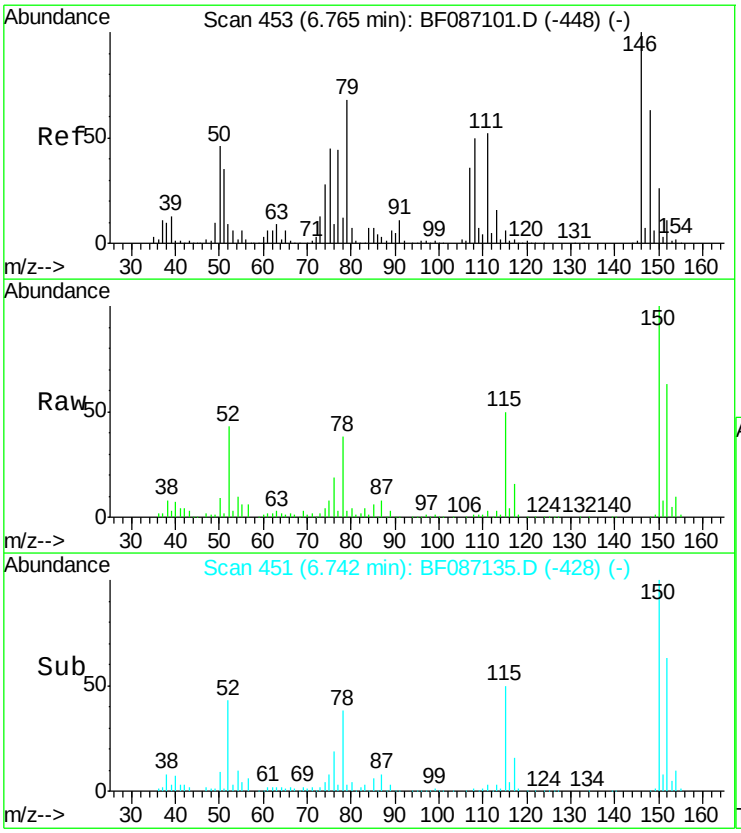
#7
Phenol-d6
Concen: 147.27 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion: 99 Resp: 1856210

Ion	Ratio	Lower	Upper
99	100		
42	26.0	13.6	20.4#
71	38.0	24.6	36.8#

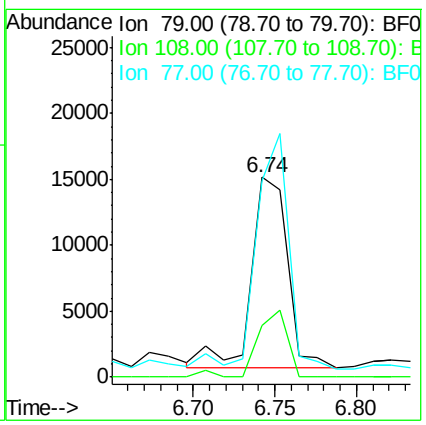


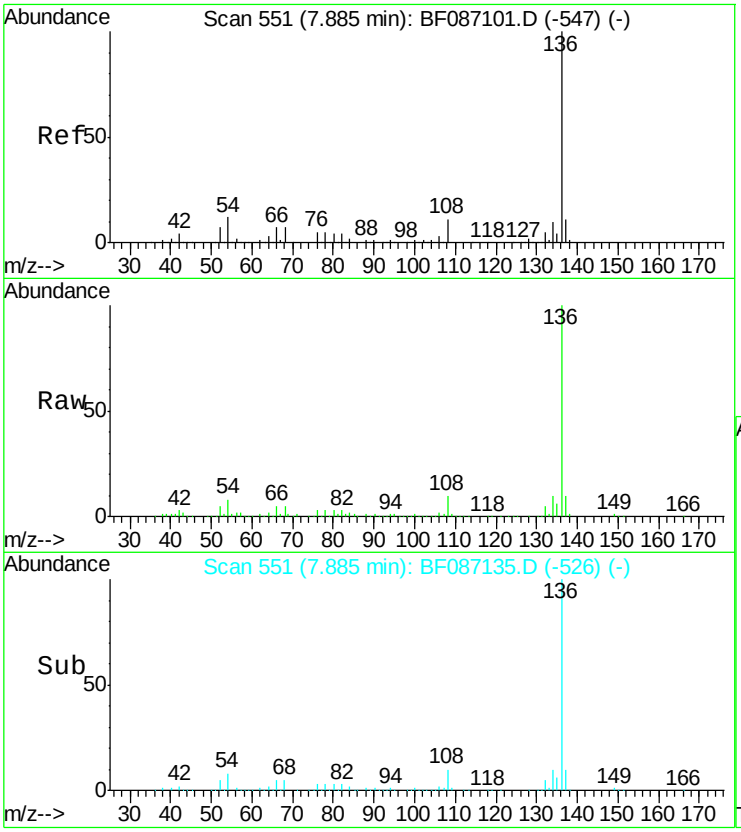


#15
Benzyl Alcohol
Concen: 2.38 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion: 79 Resp: 22377

Ion	Ratio	Lower	Upper
79	100		
108	25.7	68.4	102.6#
77	98.3	50.6	76.0#



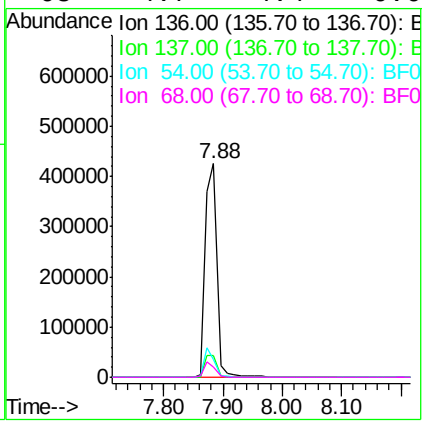


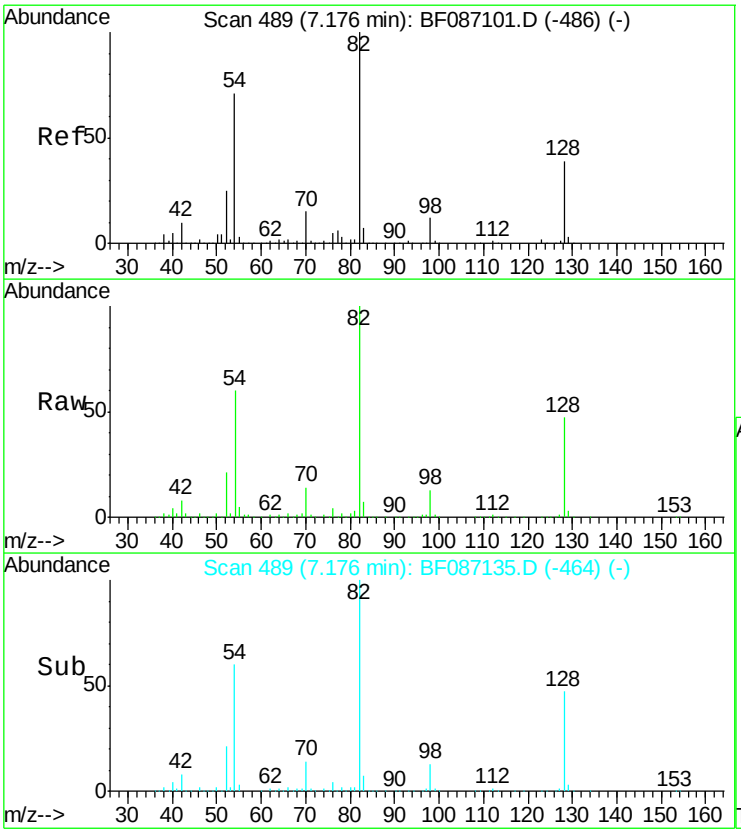
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion:136 Resp: 585788

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	8.5	5.0	7.4#
68	4.7	4.4	6.6

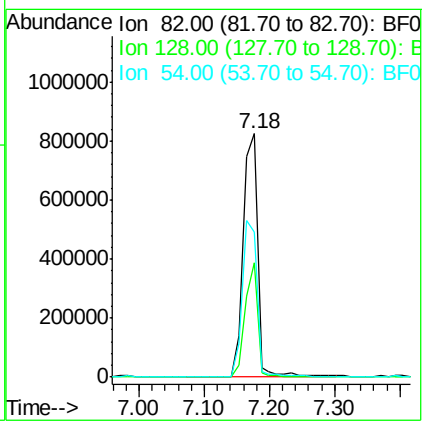


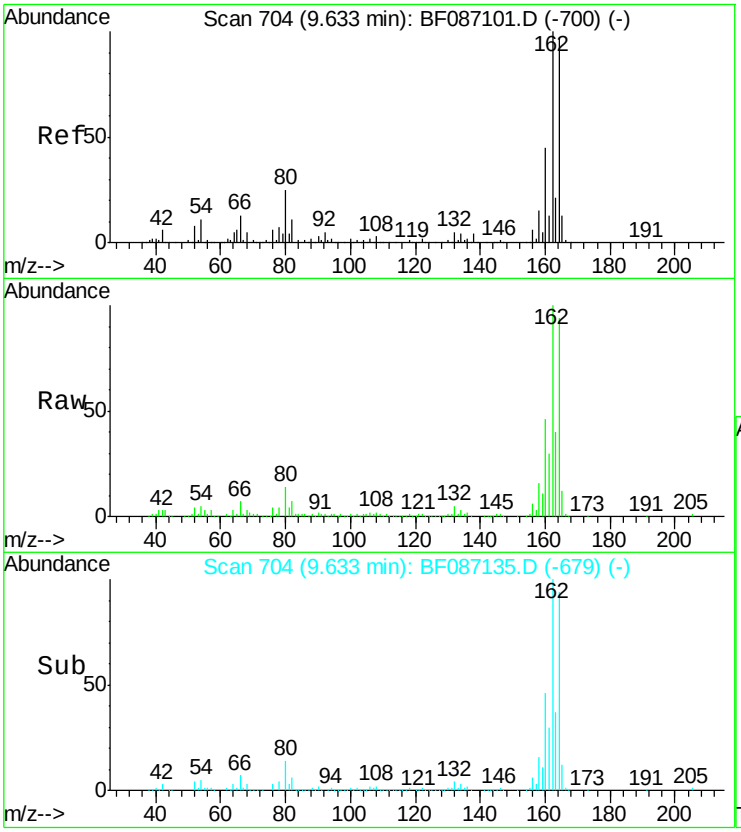


#23
Nitrobenzene-d5
Concen: 105.43 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion: 82 Resp: 1239188

Ion	Ratio	Lower	Upper
82	100		
128	47.0	40.6	61.0
54	59.8	38.1	57.1#



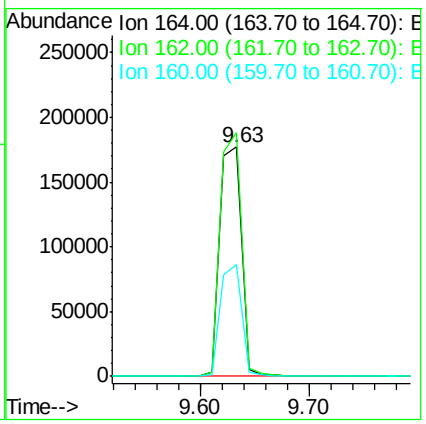


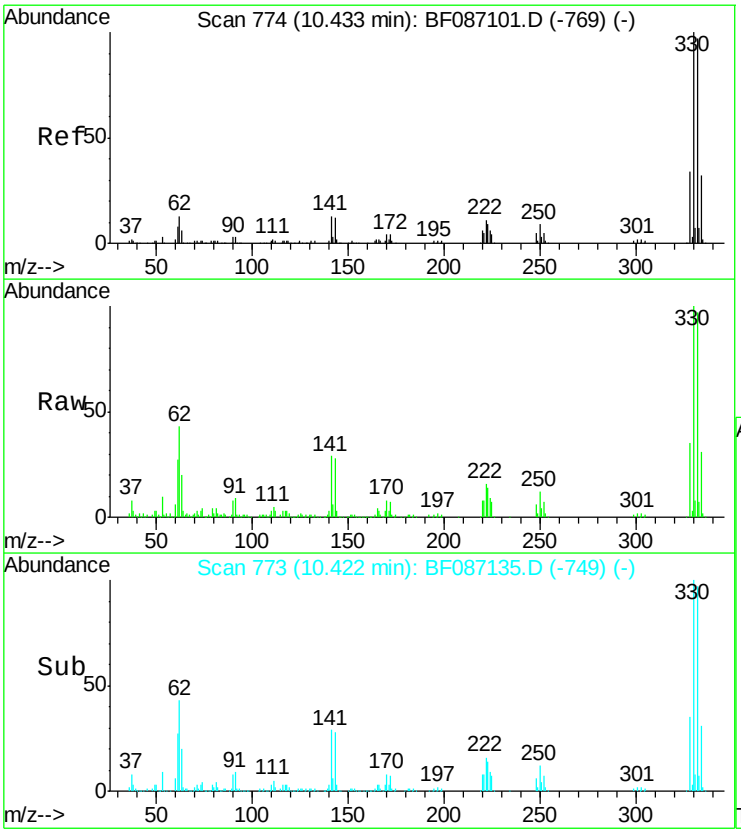
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion:164 Resp: 246688

Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.8	124.2
160	48.9	36.9	55.3

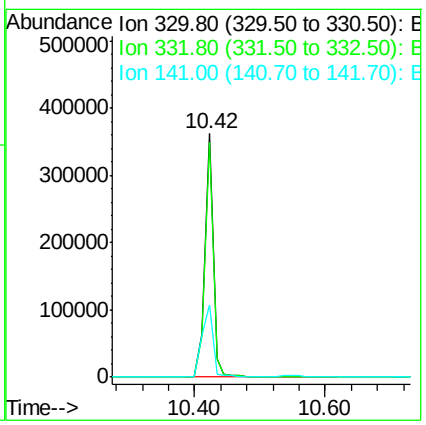


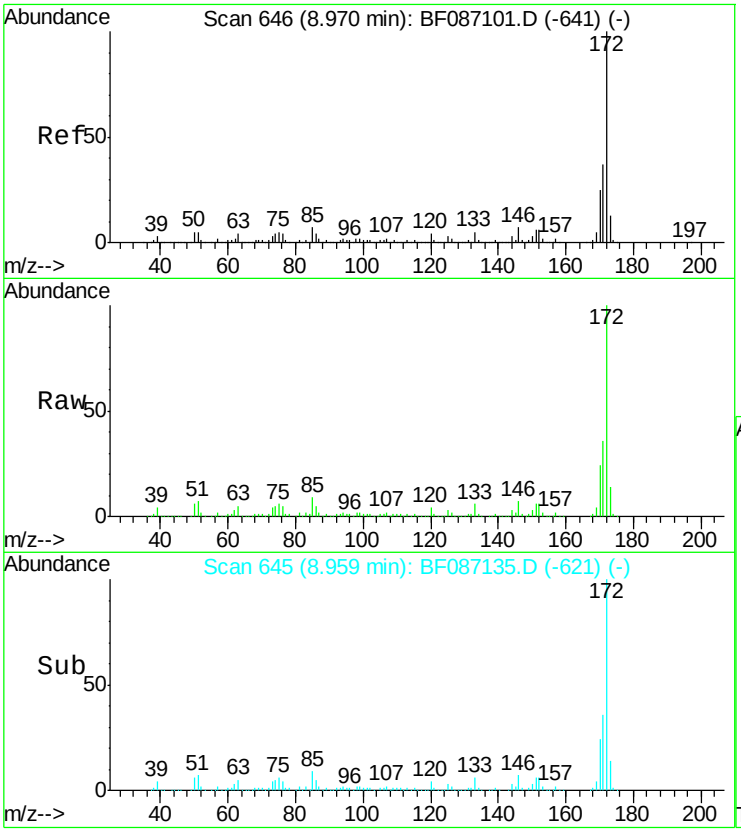


#41
2,4,6-Tribromophenol
Concen: 118.93 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion:330 Resp: 324200

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	37.4	31.2	46.8



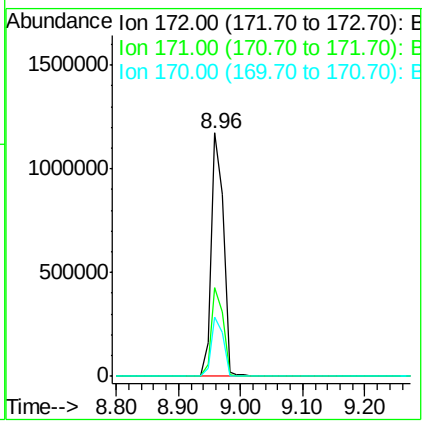


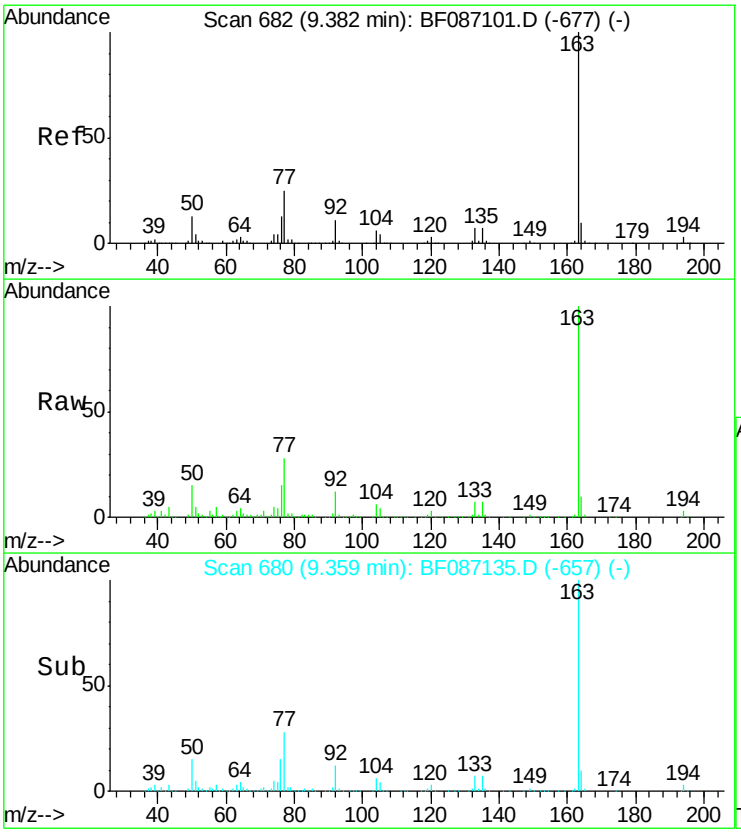
#44
2-Fluorobiphenyl
Concen: 104.89 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion:172 Resp: 1562393

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.4	19.8	29.8

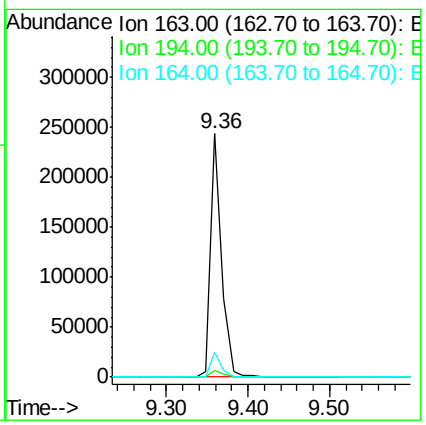


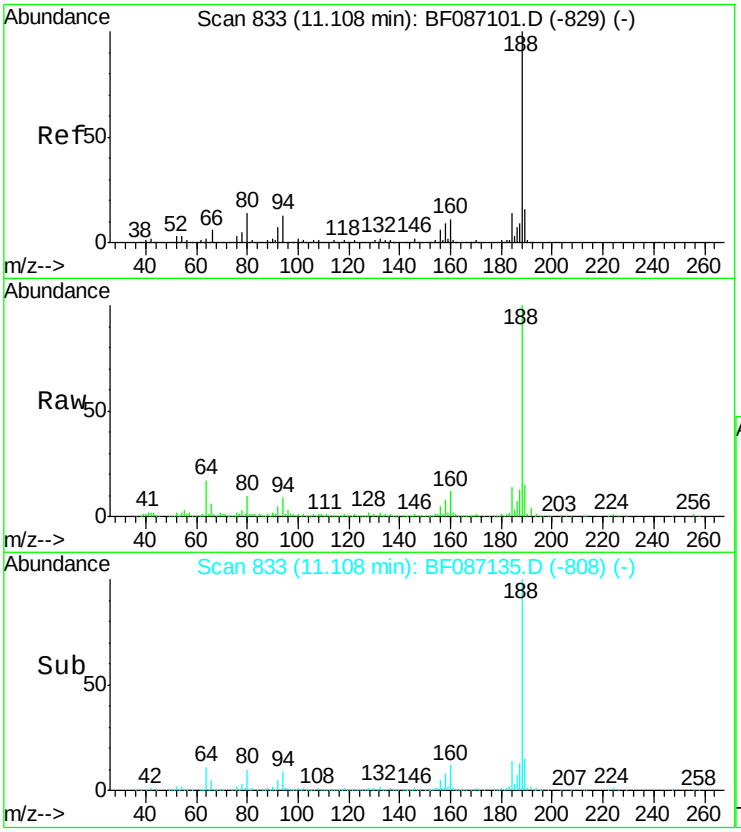


#49
Dimethylphthalate
Concen: 12.45 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion:163 Resp: 234198

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	10.3	8.2	12.4



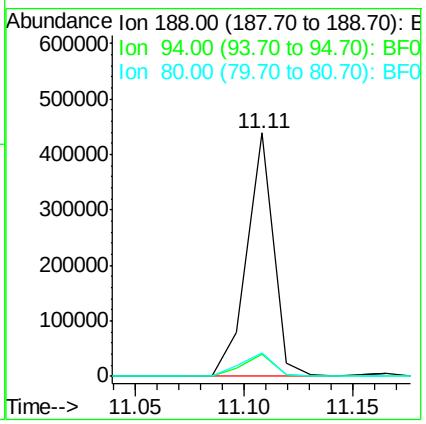


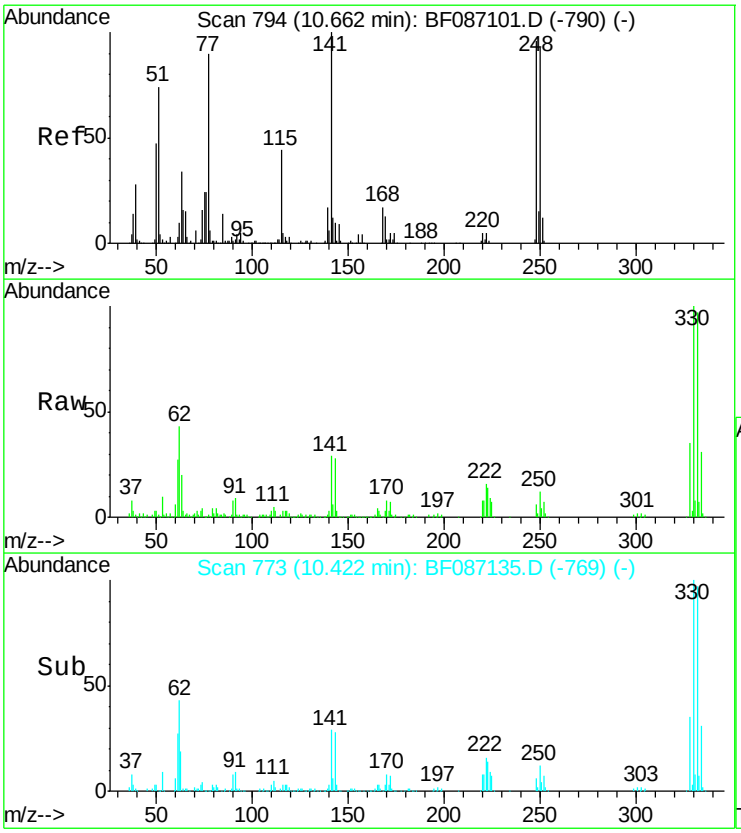
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion:188 Resp: 375877

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.8	10.2
80	9.8	7.1	10.7

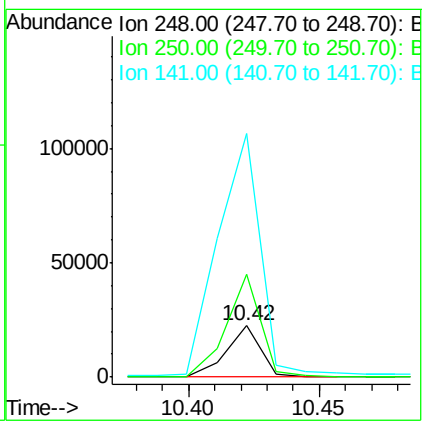


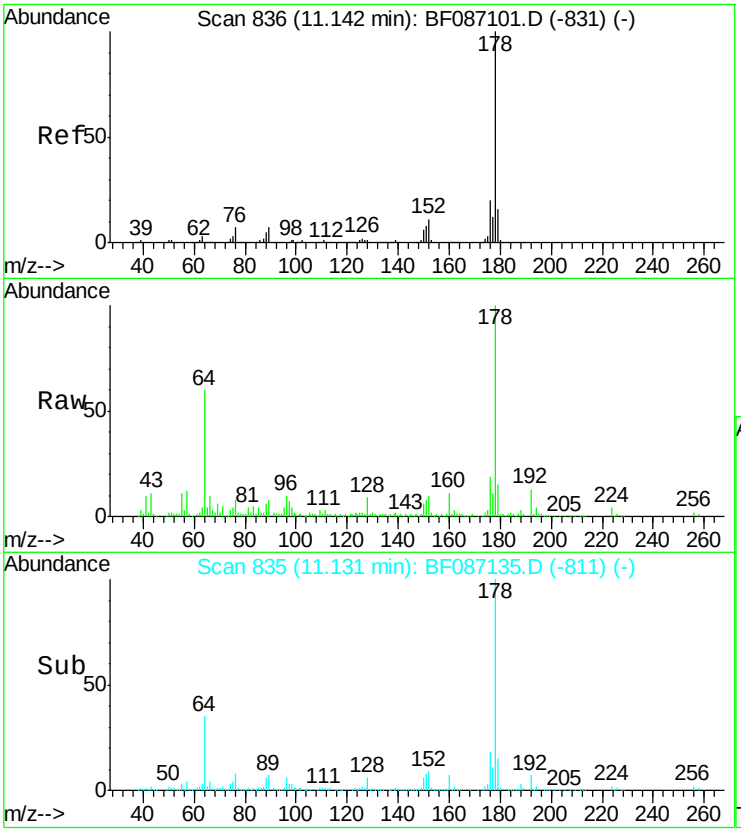


#66
4-Bromophenyl-phenylether
Concen: 5.28 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.25 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion:248 Resp: 20421

Ion	Ratio	Lower	Upper
248	100		
250	199.5	78.6	117.8#
141	475.2	76.0	114.0#



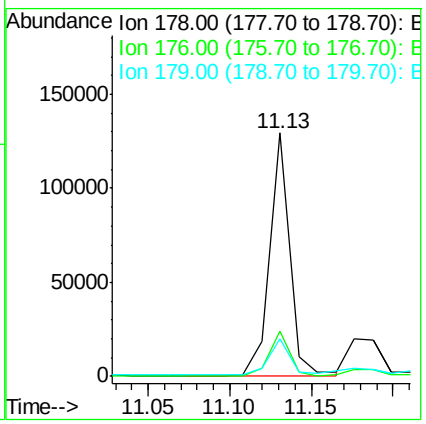


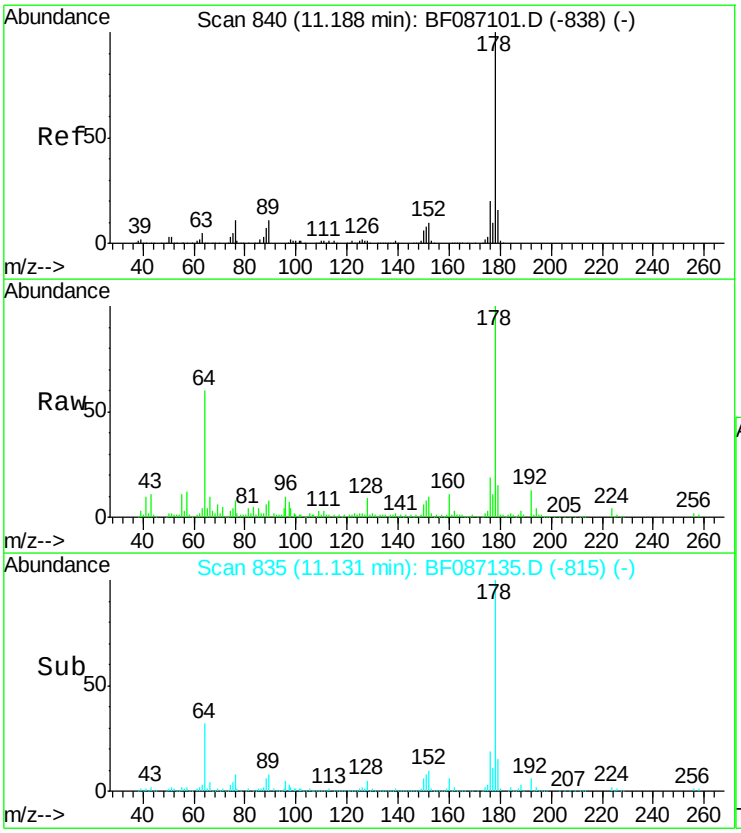
#70
Phenanthrene
Concen: 5.53 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion:178 Resp: 112682

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	15.5	12.6	18.8

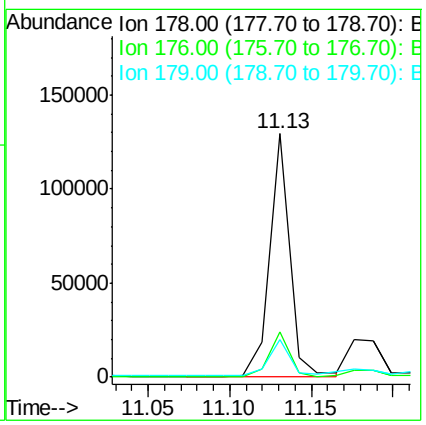


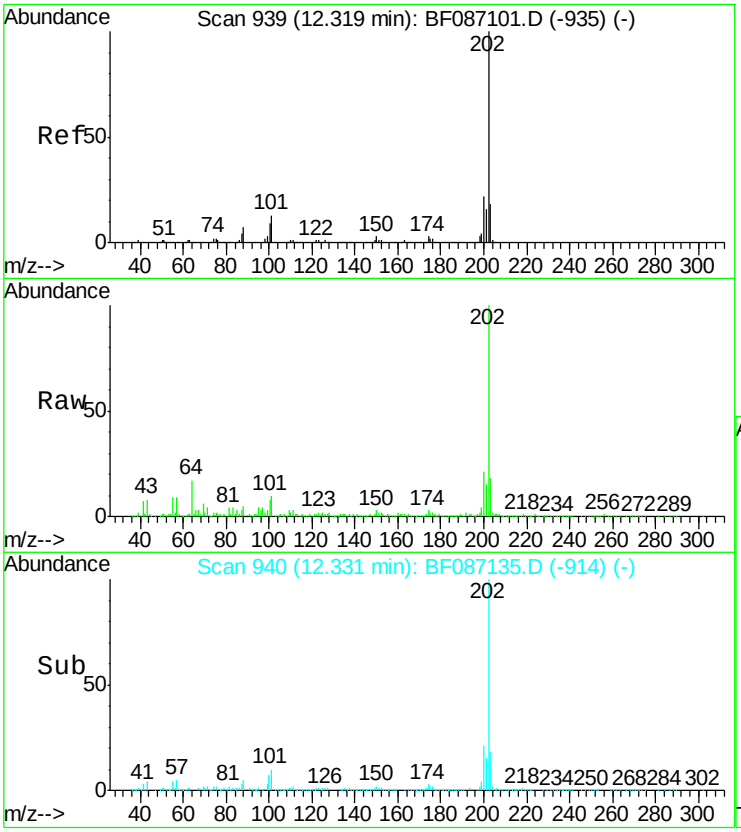


#71
Anthracene
Concen: 5.46 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.07 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion:178 Resp: 112682

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	15.5	12.7	19.1



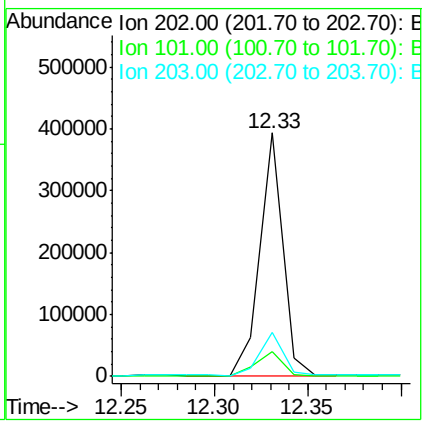


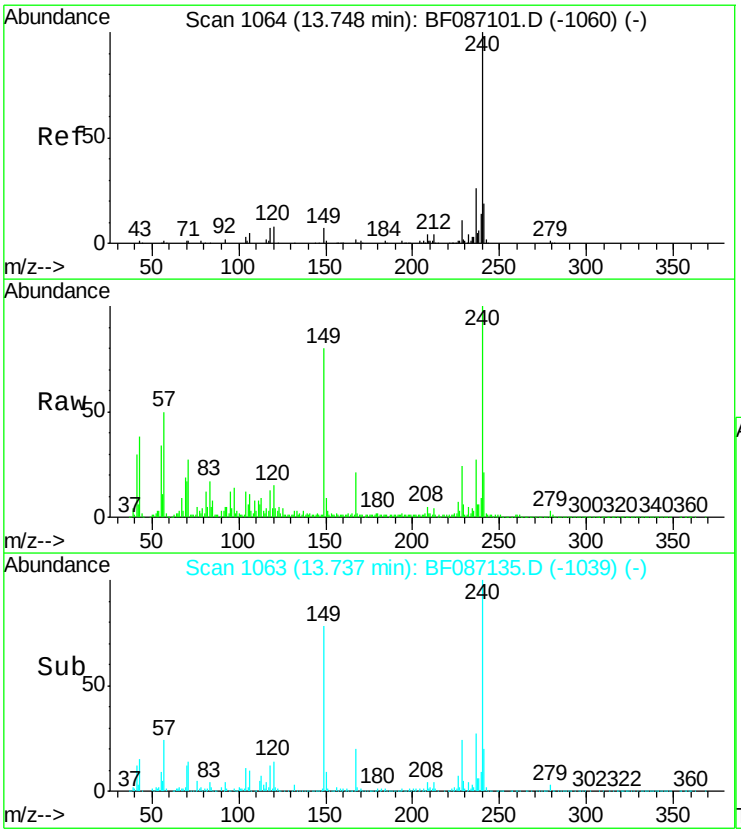
#74
Fluoranthene
Concen: 16.29 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion:202 Resp: 332742

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	35.4
203	17.8	0.0	38.1

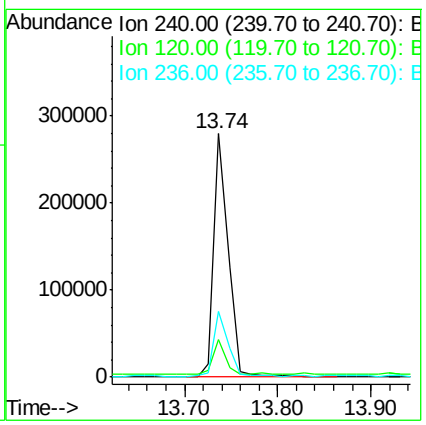


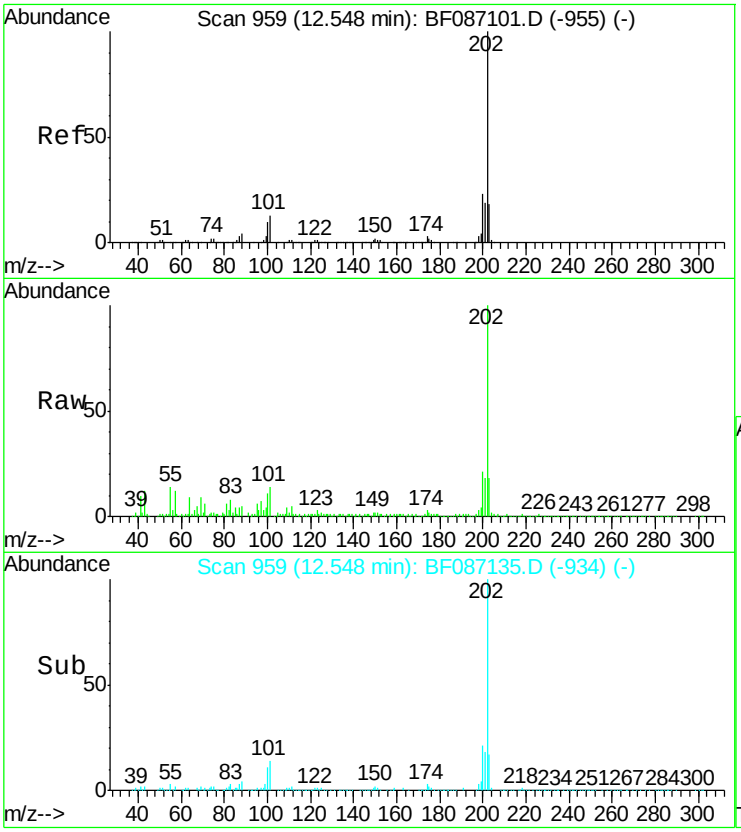


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion:240 Resp: 297080

Ion	Ratio	Lower	Upper
240	100		
120	15.3	11.2	16.8
236	27.2	21.2	31.8



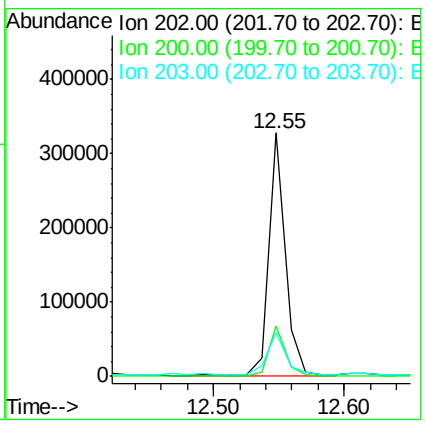


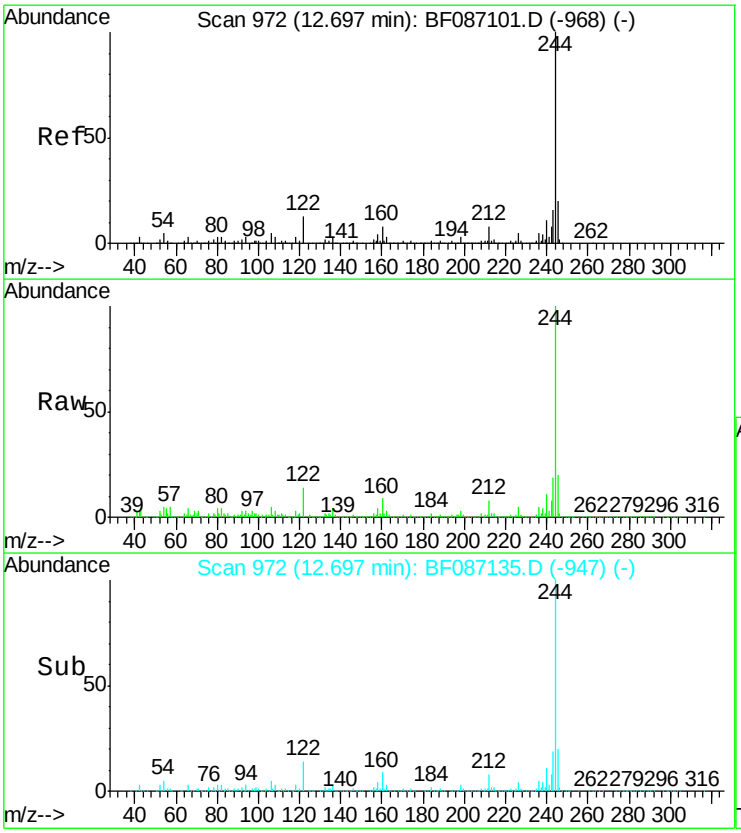
#77
Pyrene
Concen: 13.43 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion:202 Resp: 288322

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.7	26.5
203	18.0	14.2	21.4

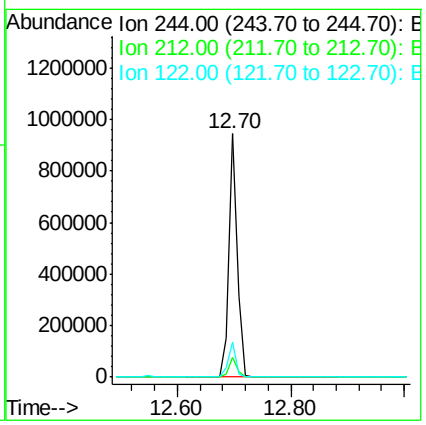


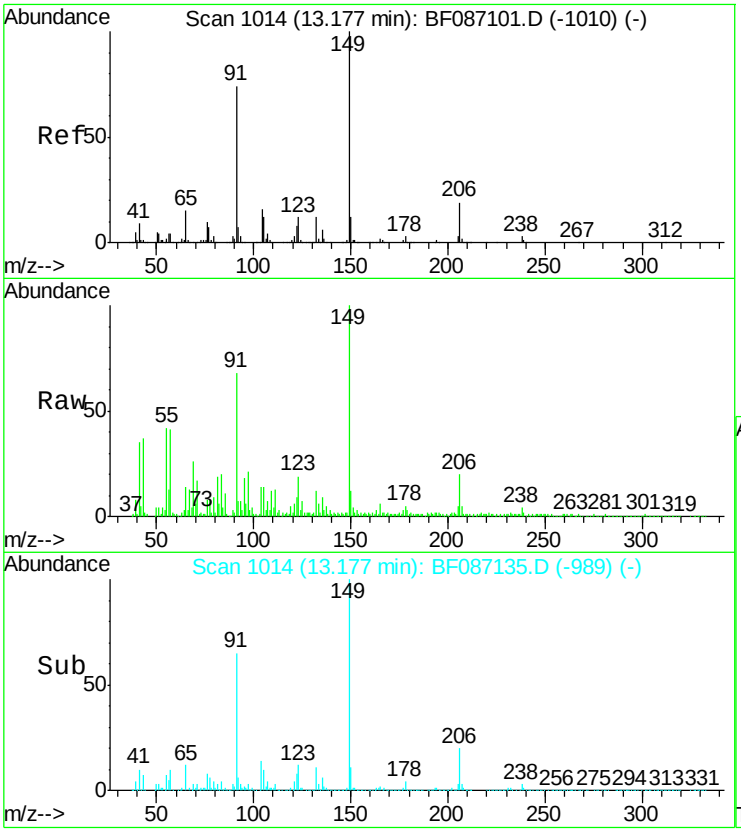


#78
Terphenyl-d14
Concen: 75.12 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion:244 Resp: 986588

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	14.3	12.0	18.0



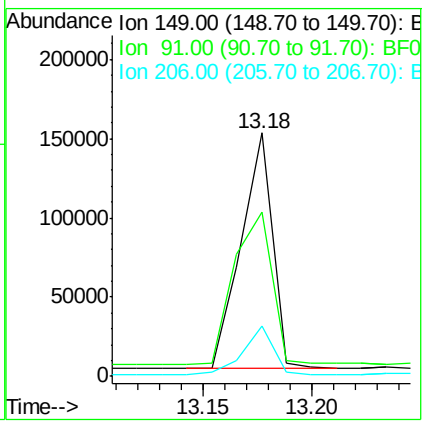


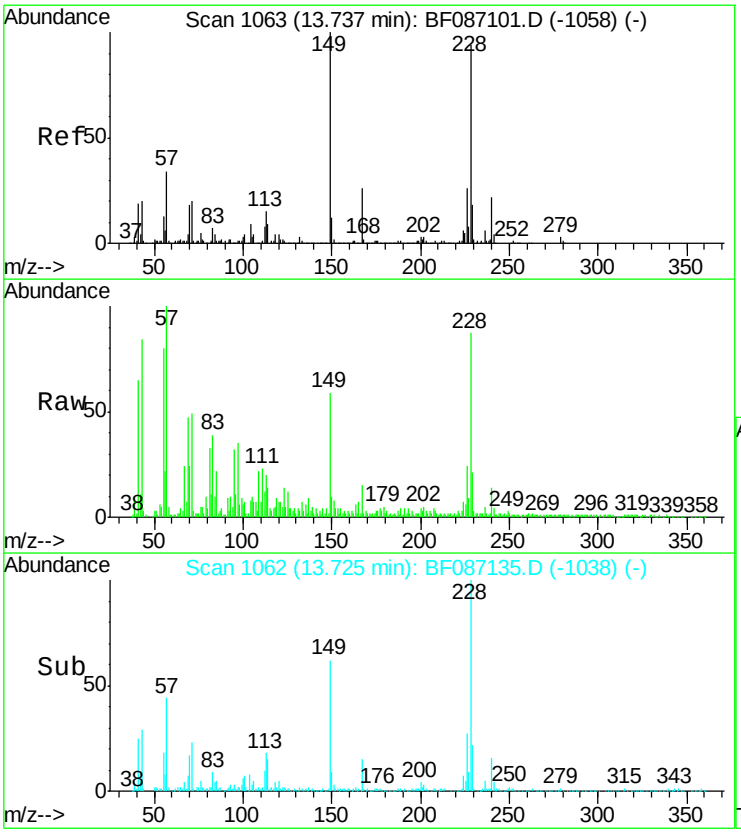
#79
Butylbenzylphthalate
Concen: 16.49 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion:149 Resp: 149442

Ion	Ratio	Lower	Upper
149	100		
91	67.5	48.0	72.0
206	20.4	15.8	23.6

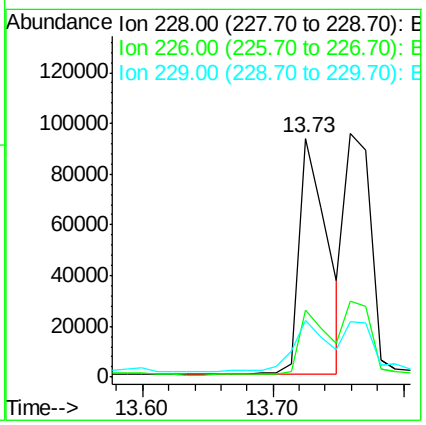


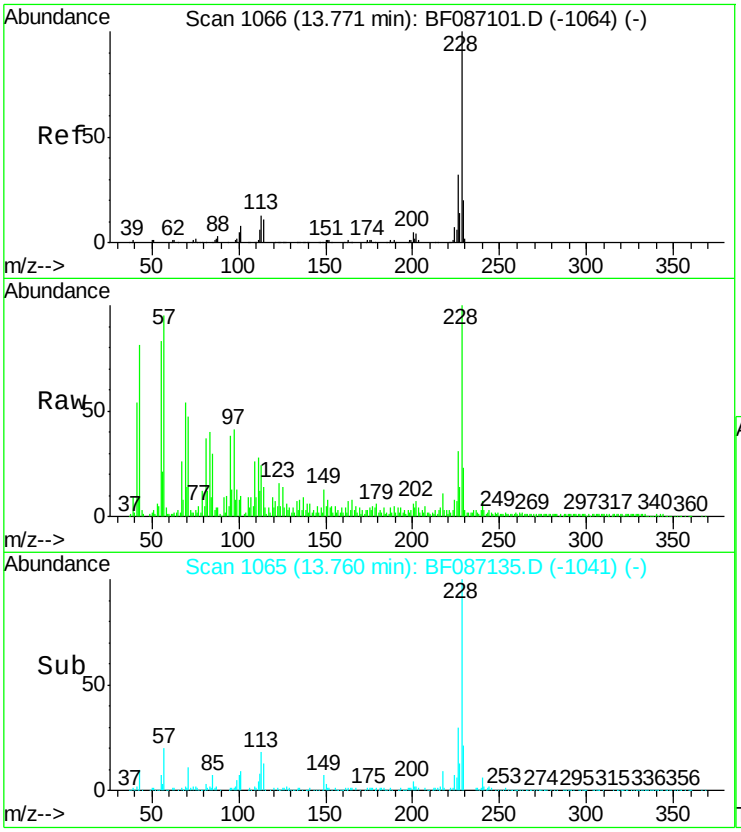


#80
Benzo(a)anthracene
Concen: 8.12 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion:228 Resp: 139401

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	24.0	16.6	25.0



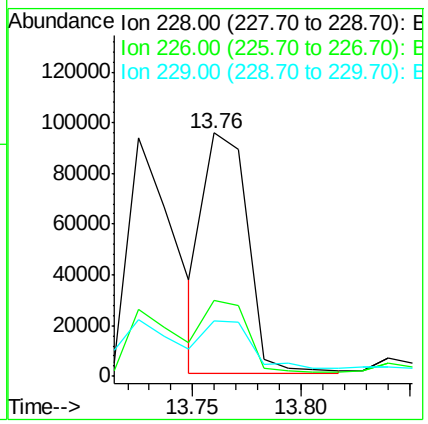


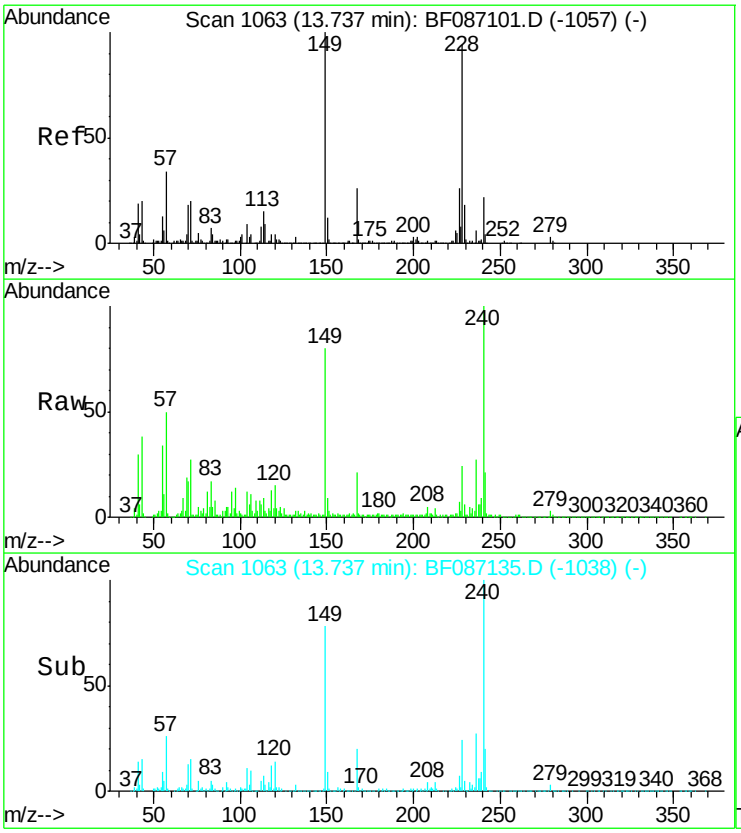
#82
Chrysene
Concen: 7.92 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion:228 Resp: 131640

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	22.6	15.8	23.8

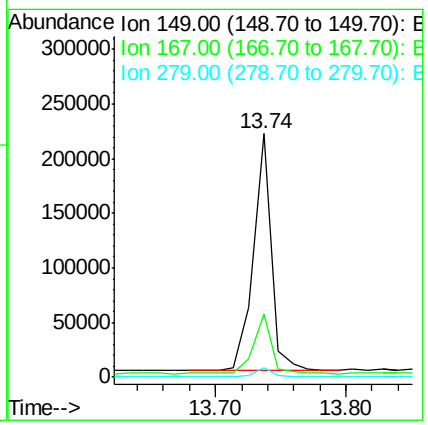


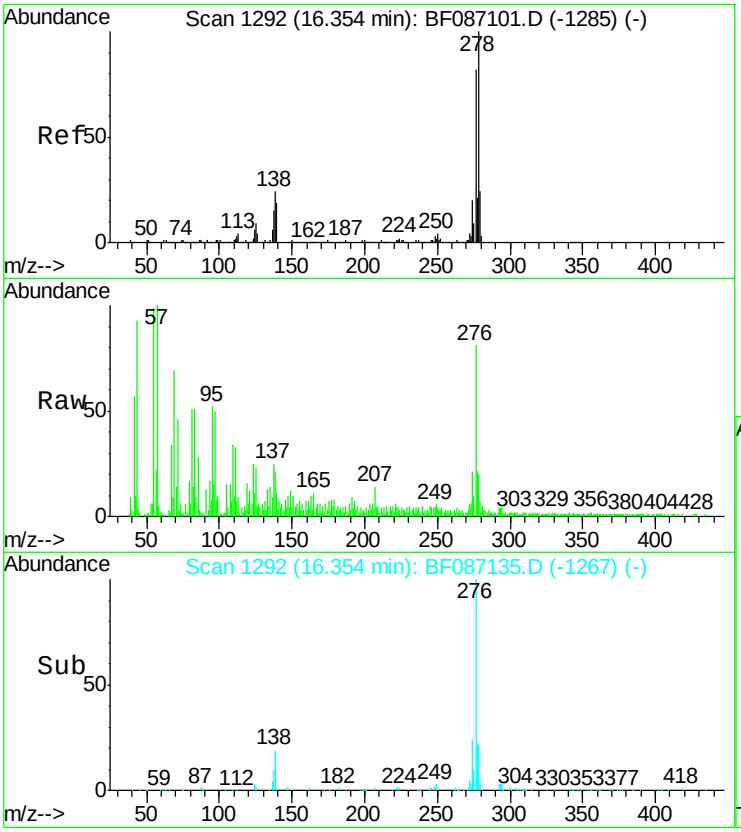


#83
Bis(2-ethylhexyl)phthalate
Concen: 18.87 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion:149 Resp: 208094

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.8	32.6
279	3.6	2.6	4.0



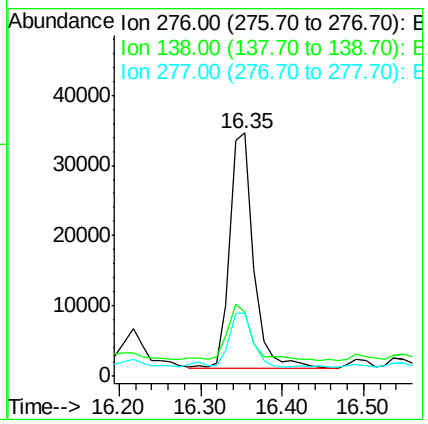


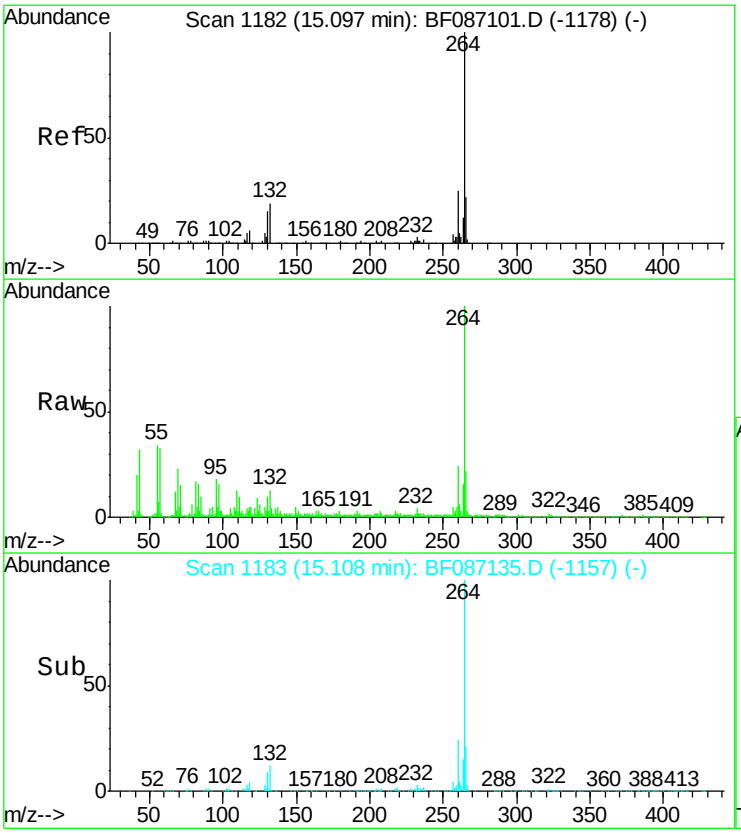
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.70 ng
RT: 16.35 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion:276 Resp: 68491

Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.6	38.4#
277	23.8	20.5	30.7

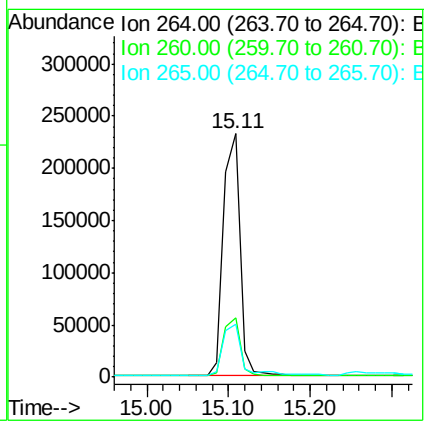


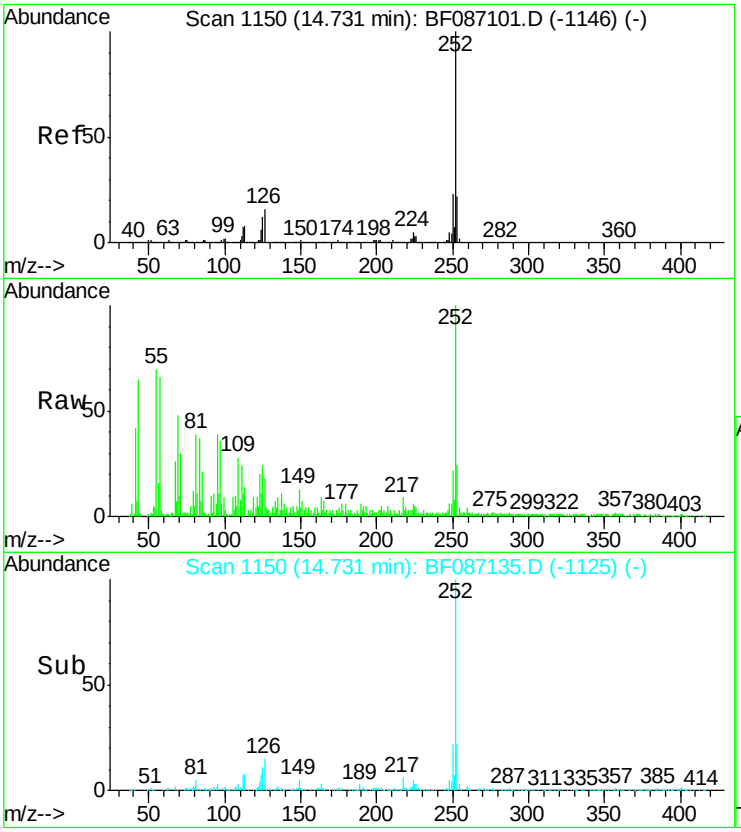


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion:264 Resp: 329125

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.7	17.3	25.9



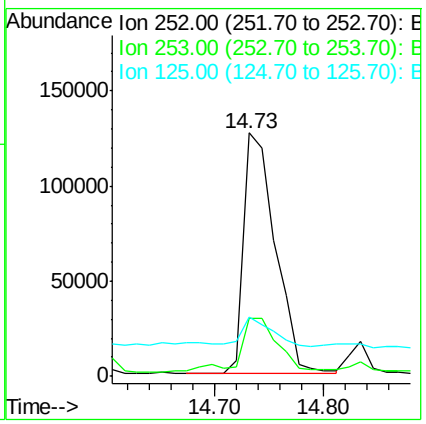


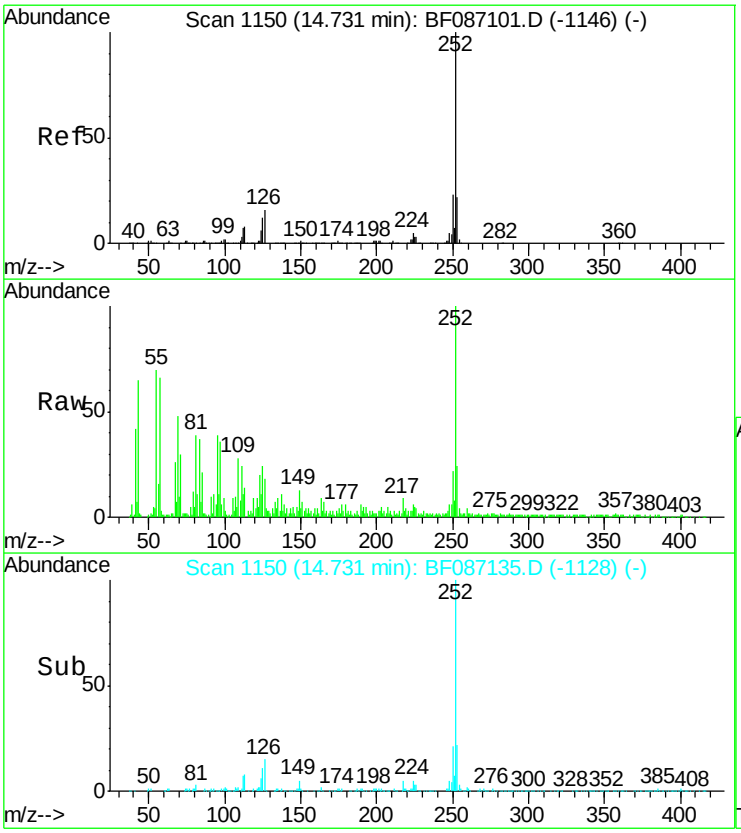
#87
Benzo(b)fluoranthene
Concen: 11.72 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion:252 Resp: 255897

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	24.3	11.4	17.0#

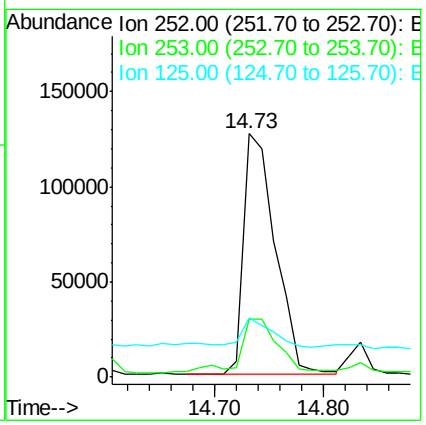


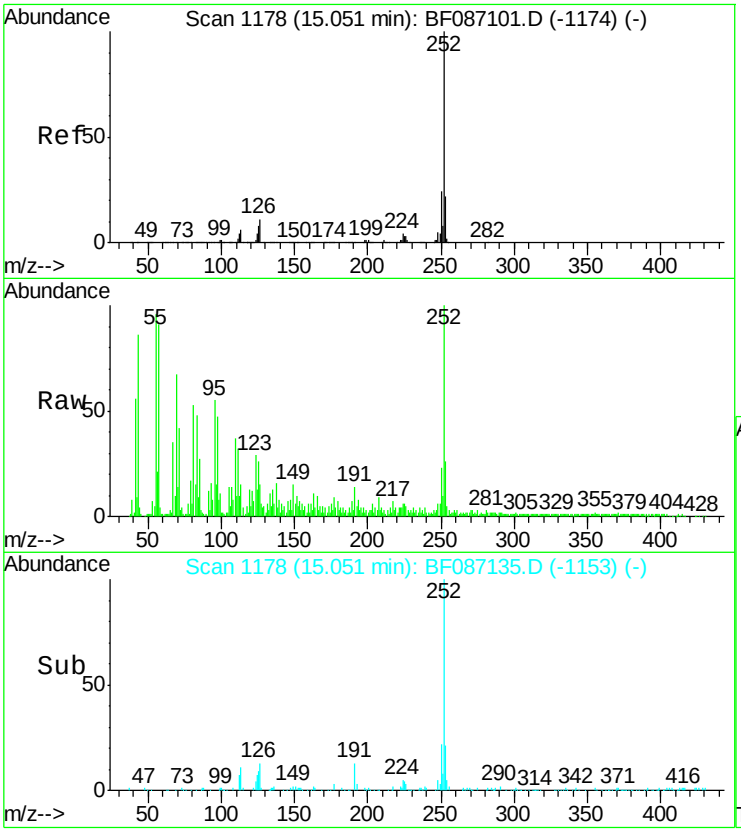


#88
Benzo(k)fluoranthene
Concen: 15.74 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion:252 Resp: 255897

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	24.3	9.1	13.7#



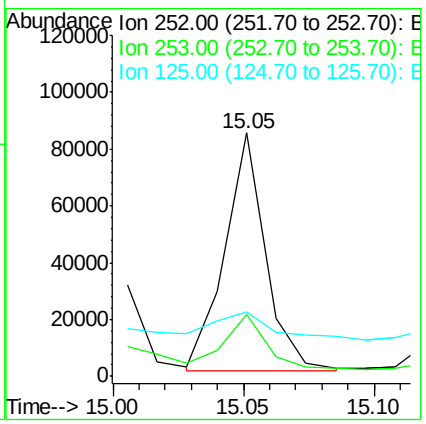


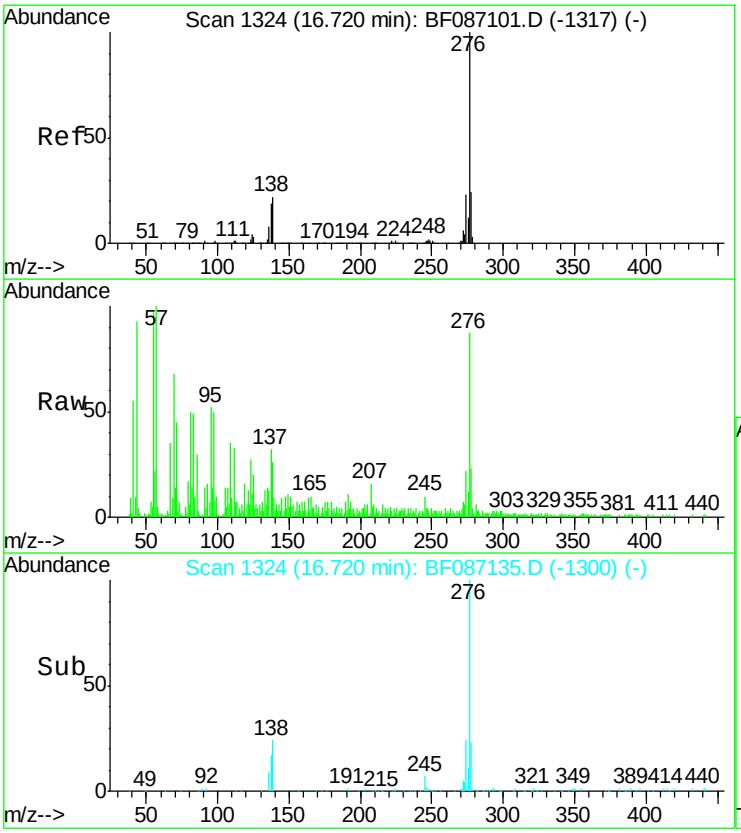
#89
Benzo(a)pyrene
Concen: 5.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

Tgt Ion:252 Resp: 91337

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.2	25.8
125	26.3	9.0	13.6#





#91
Benzo(g,h,i)perylene
Concen: 4.20 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF087135.D
Acq: 18 May 2016 7:07

Tgt Ion:276 Resp: 65244

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.6	29.4
138	30.1	23.6	35.4