Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087382.D
Acq On : 25 May 2016 20:44
Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

Quant Time: May 25 22:31:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	215365	20.00	ng		0.00
21) Naphthalene-d8	9.55	136	828739	20.00	ng		0.00
38) Acenaphthene-d10	12.38	164	338737	20.00	ng		-0.01
63) Phenanthrene-d10	14.78	188	543669	20.00	ng		0.00
75) Chrysene-d12	18.47	240	454784	20.00	ng		-0.01
86) Perylene-d12	20.14	264	336665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	968585	79.03	ng		0.01
7) Phenol-d6	7.07	99	1346147	81.28	ng		0.00
23) Nitrobenzene-d5	8.43	82	846132	51.46	ng		-0.01
41) 2,4,6-Tribromophenol	13.67	330	209786	64.45	ng		-0.01
44) 2-Fluorobiphenyl	11.32	172	1231904	51.27	ng		-0.01
78) Terphenyl-d14	17.13	244	781569	36.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	102036	15.78	ng	#	22
19) n-Nitroso-di-n-propylamine	8.43	70	119682	9.69	ng	#	75
31) Naphthalene	9.58	128	122454	2.95	ng		98
32) Benzoic acid	9.42	122	257	5.86	ng	#	1
49) Dimethylphthalate	12.02	163	307755	11.34	ng		99
70) Phenanthrene	14.81	178	165886	5.51	ng		97
71) Anthracene	14.81	178	165886	5.45	ng		97
74) Fluoranthene	16.57	202	203910	6.75	ng		93
77) Pyrene	16.87	202	191274	5.84	ng	#	95
80) Benzo(a)anthracene	18.46	228	118818	4.59	ng		93
82) Chrysene	18.50	228	141129	5.50	ng	#	92
87) Benzo(b)fluoranthene	19.73	252	153811	7.17	ng		99
88) Benzo(k)fluoranthene	19.73	252	154075	8.35	ng		97
89) Benzo(a)pyrene	20.08	252	75693	4.08	ng		95
91) Benzo(g,h,i)perylene	21.71	276	41116	2.63	ng		94

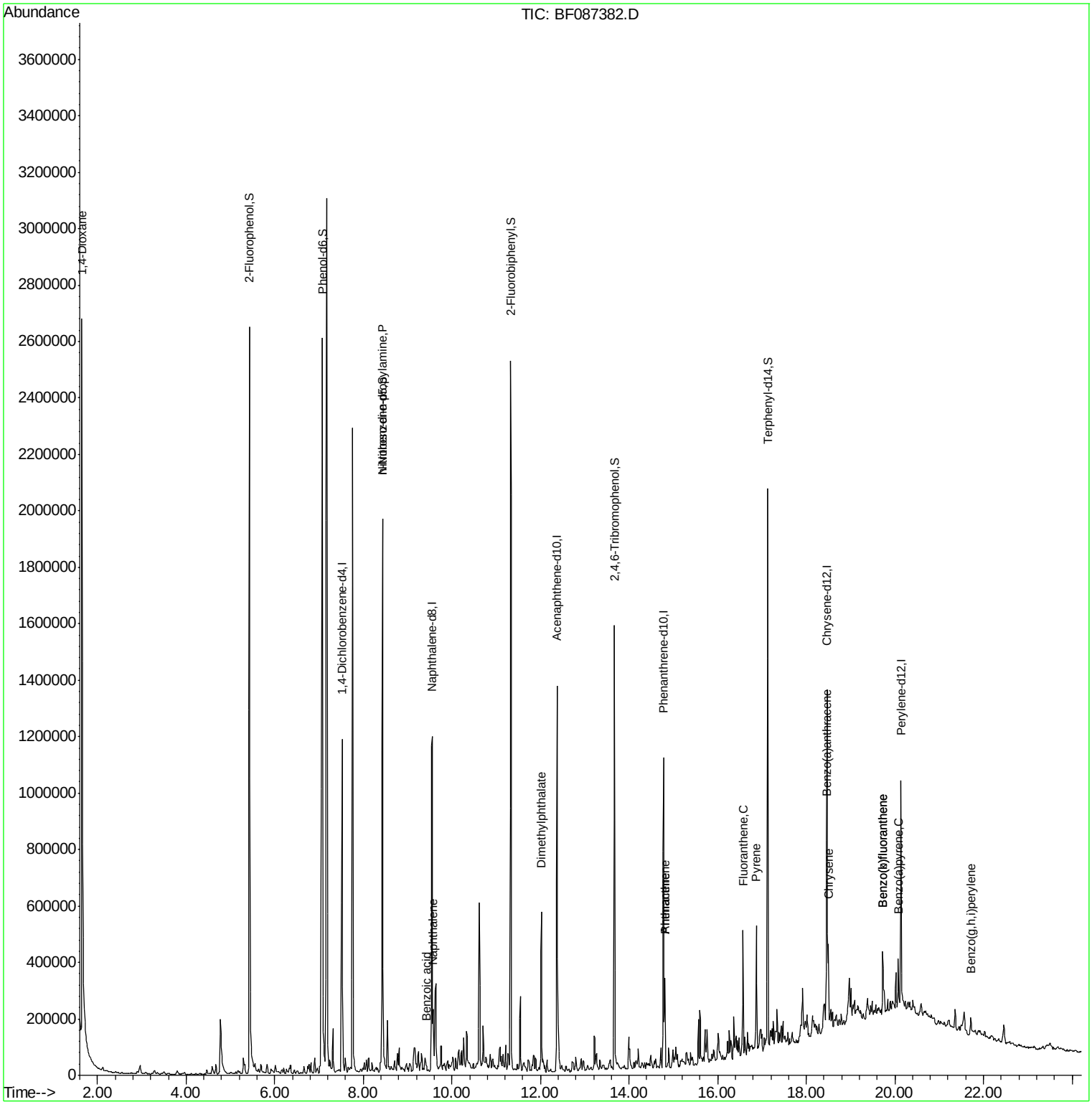
(#) = qualifier out of range (m) = manual integration (+) = signals summed

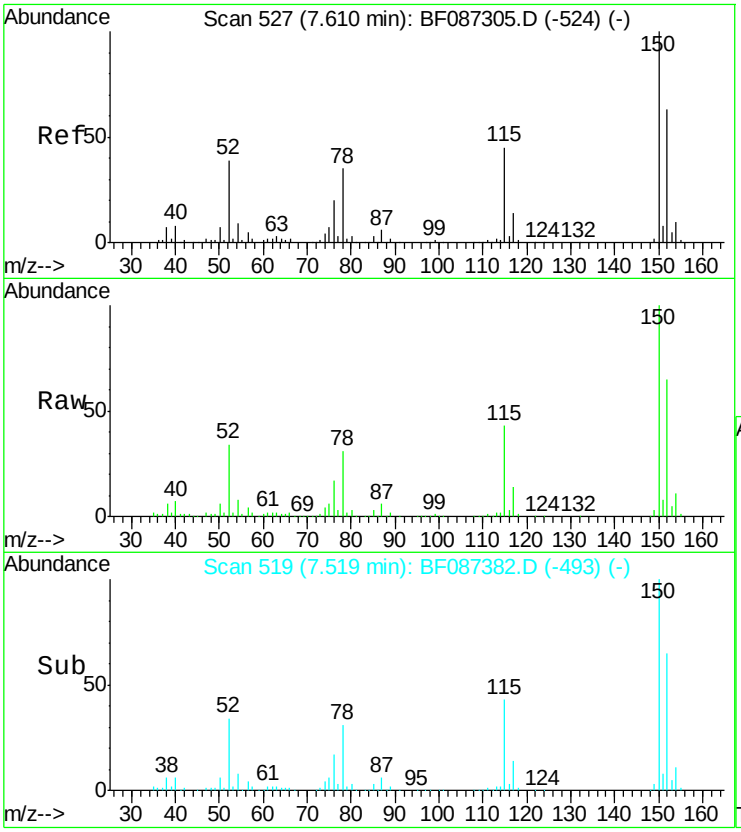
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087382.D
Acq On : 25 May 2016 20:44
Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Quant Time: May 25 22:31:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration



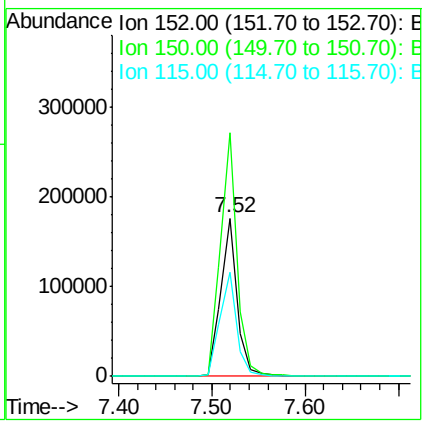


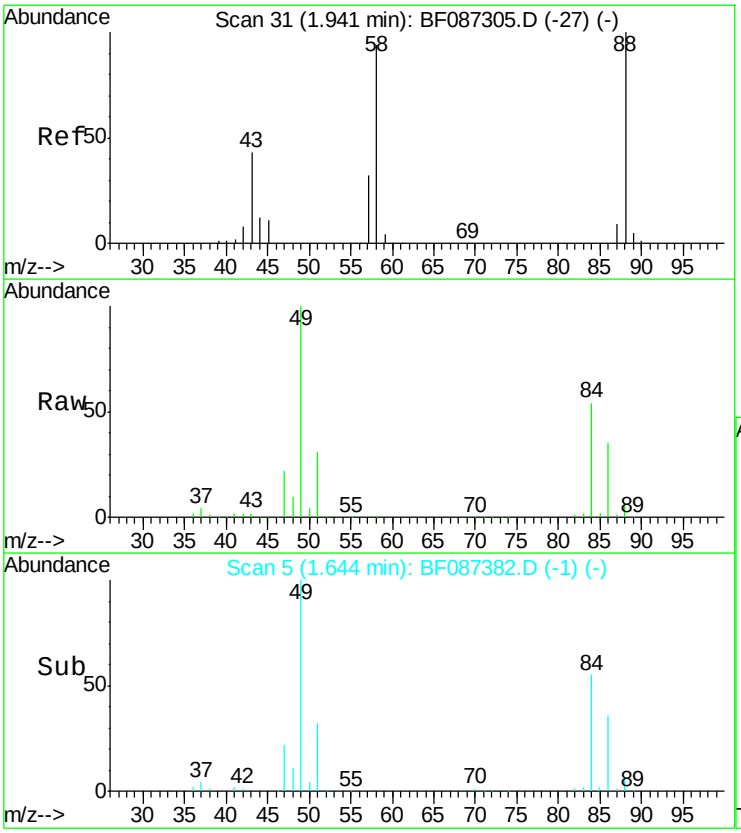
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion:152 Resp: 215365

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.8	188.6
115	66.2	51.5	77.3

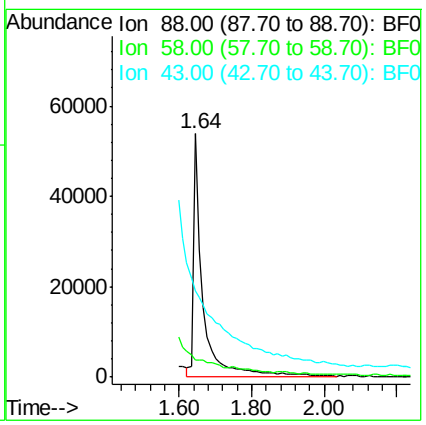


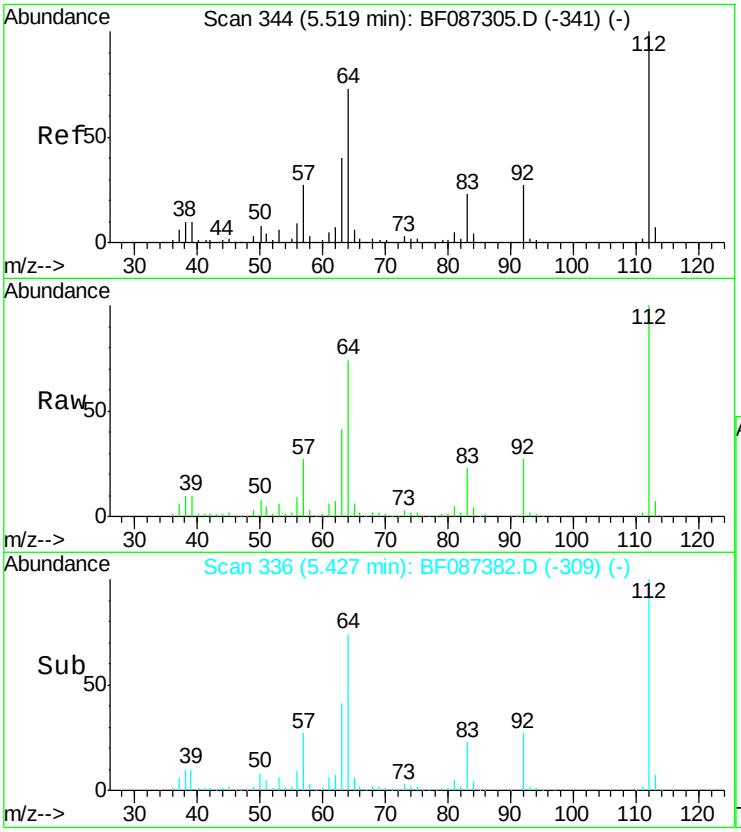


#2
1,4-Dioxane
Concen: 15.78 ng
RT: 1.64 min Scan# 5
Delta R.T. -0.17 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion: 88 Resp: 102036

Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.6	89.4#
43	0.0	21.8	32.6#



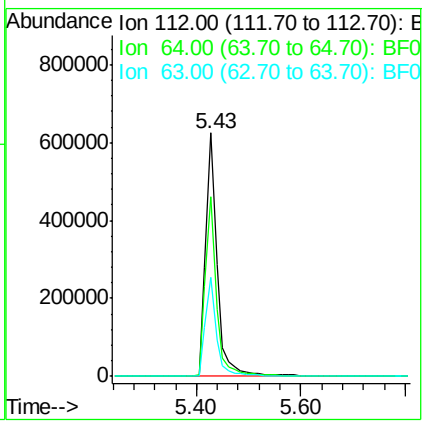


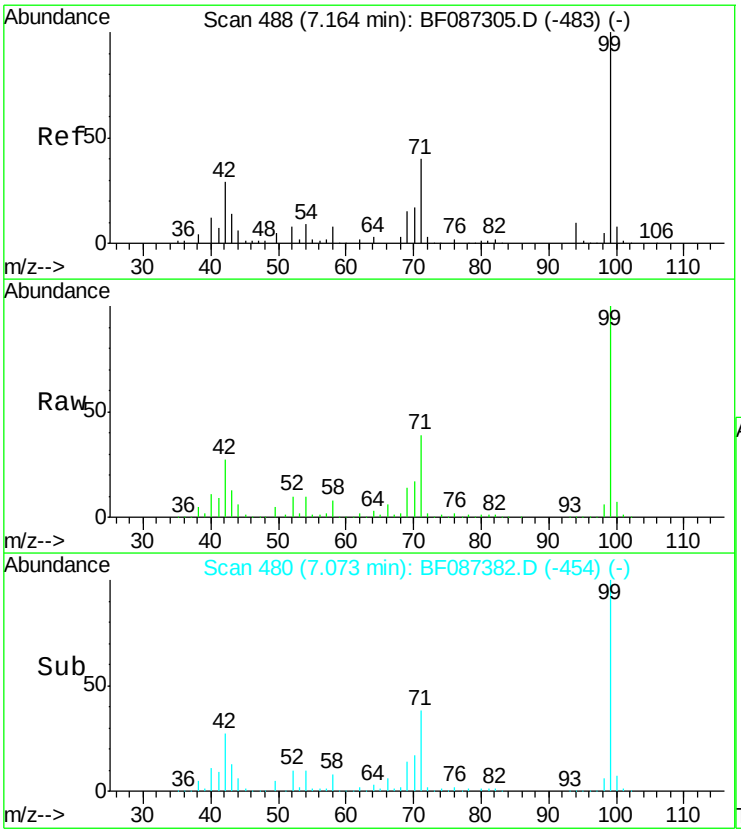
#5
2-Fluorophenol
Concen: 79.03 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion:112 Resp: 968585

Ion	Ratio	Lower	Upper
112	100		
64	73.5	52.1	78.1
63	40.7	25.7	38.5#

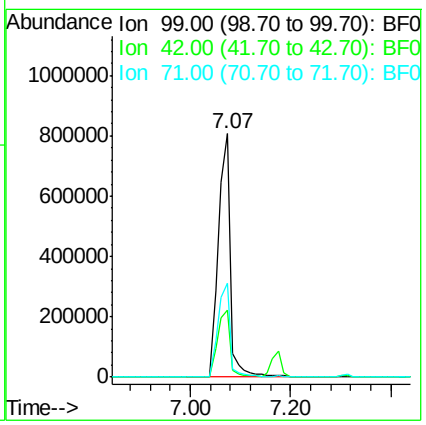


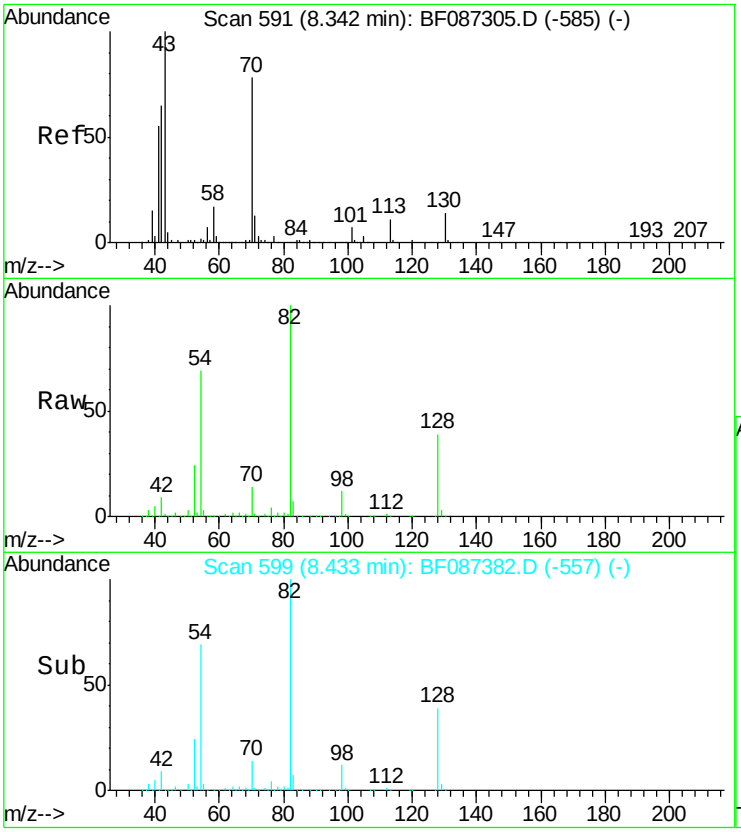


#7
Phenol-d6
Concen: 81.28 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion: 99 Resp: 1346147

Ion	Ratio	Lower	Upper
99	100		
42	27.3	13.6	20.4#
71	38.5	24.6	36.8#



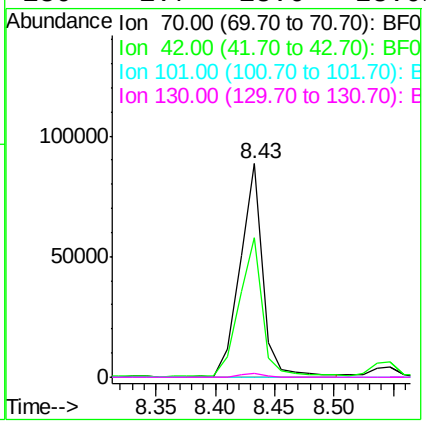


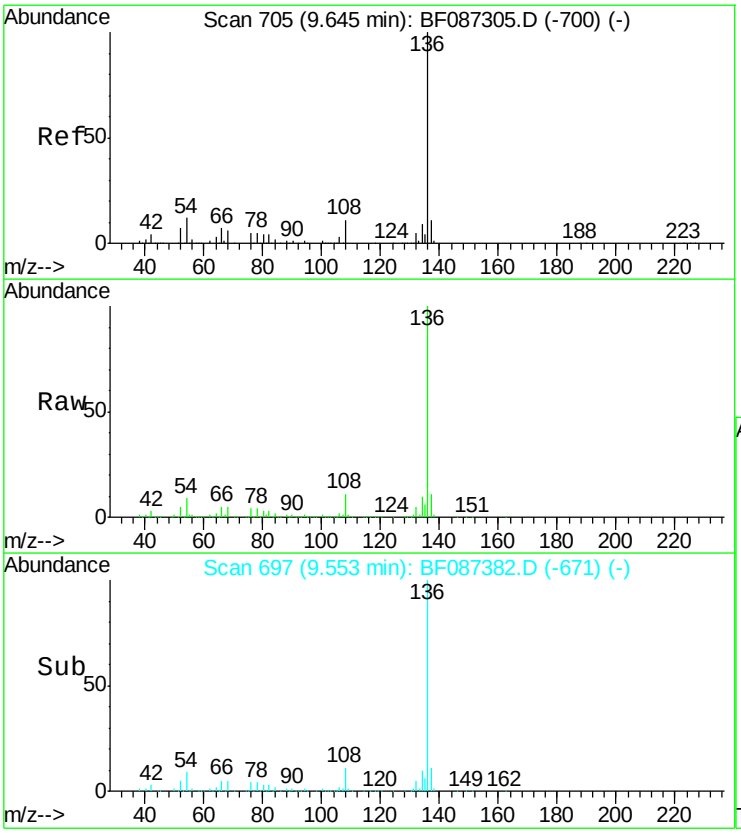
#19
n-Nitroso-di-n-propylamine
Concen: 9.69 ng
RT: 8.43 min Scan# 599
Delta R.T. 0.18 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion: 70 Resp: 119682

Ion	Ratio	Lower	Upper
70	100		
42	65.5	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#

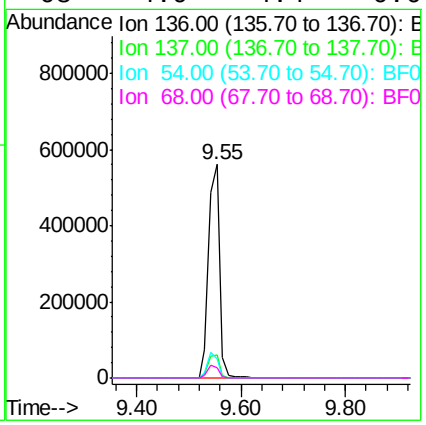


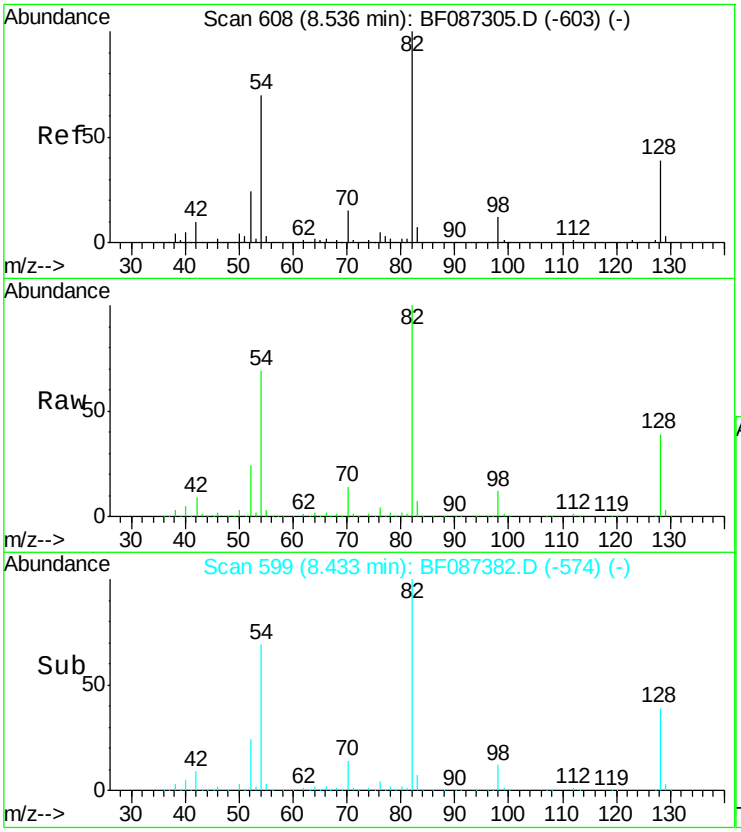


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion:136 Resp: 828739

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.1	5.0	7.4#
68	4.9	4.4	6.6



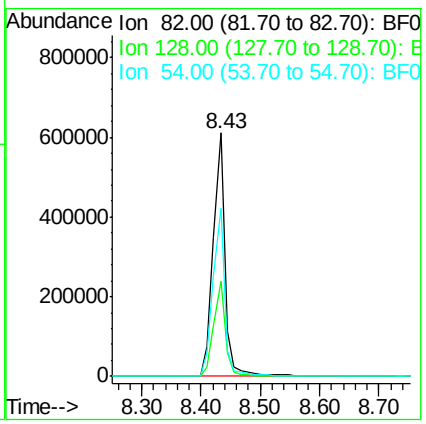


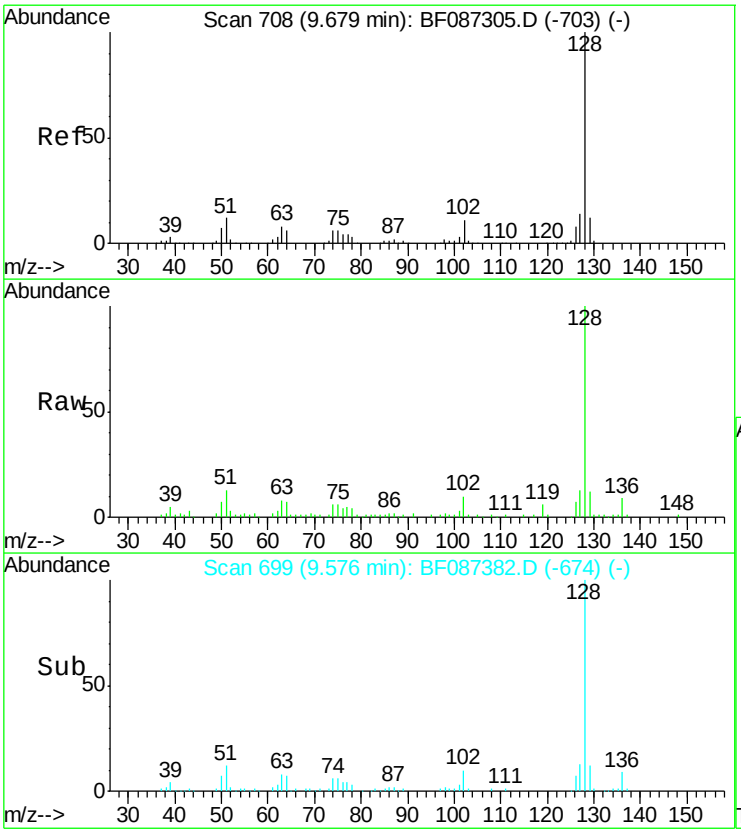
#23
Nitrobenzene-d5
Concen: 51.46 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion: 82 Resp: 846132

Ion	Ratio	Lower	Upper
82	100		
128	38.8	40.6	61.0#
54	69.0	38.1	57.1#

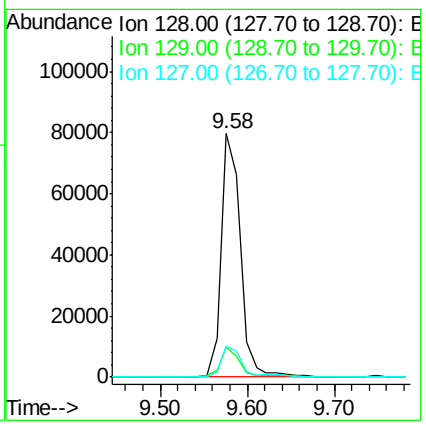


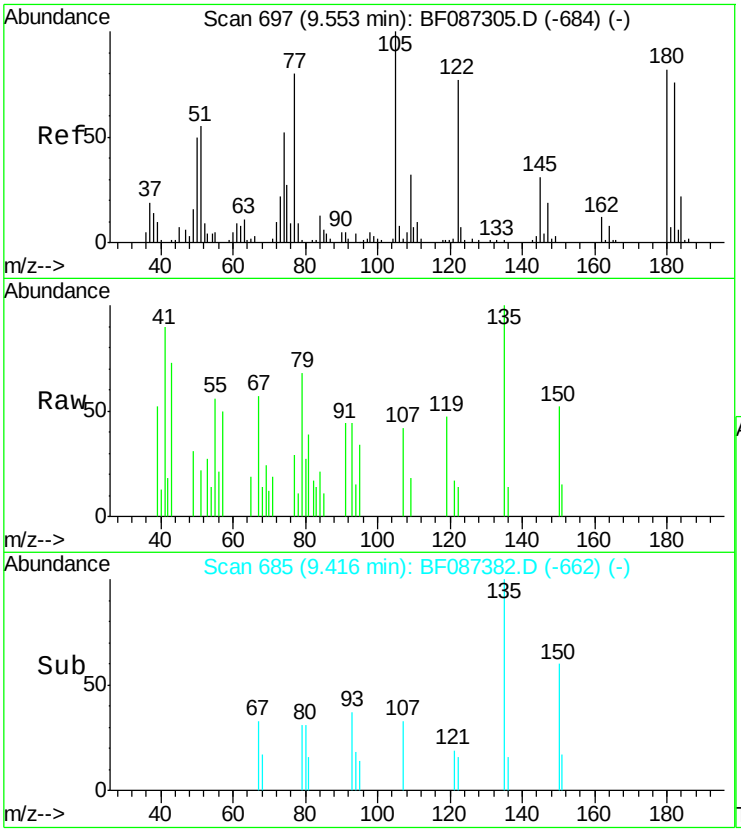


#31
Naphthalene
Concen: 2.95 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion:128 Resp: 122454

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.6	13.0
127	13.0	10.8	16.2



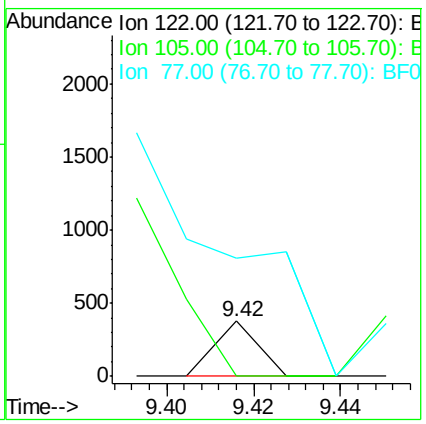


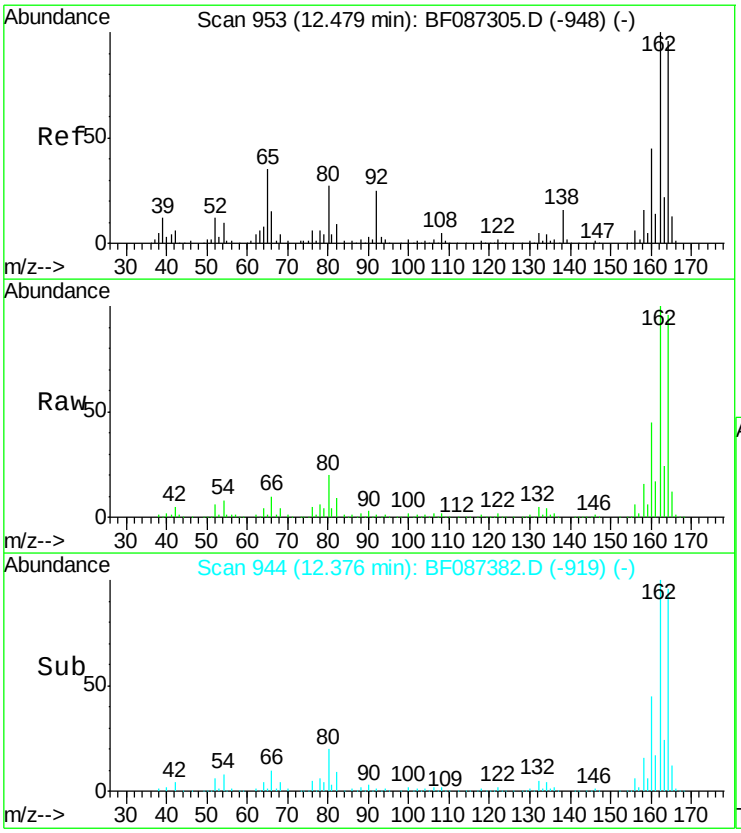
#32
Benzoic acid
Concen: 5.86 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion:122 Resp: 257

Ion	Ratio	Lower	Upper
122	100		
105	0.0	92.6	132.6#
77	215.7	60.0	100.0#

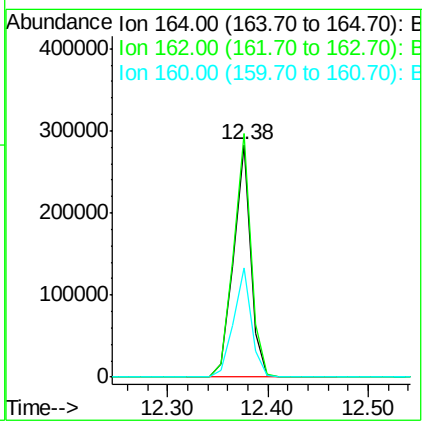


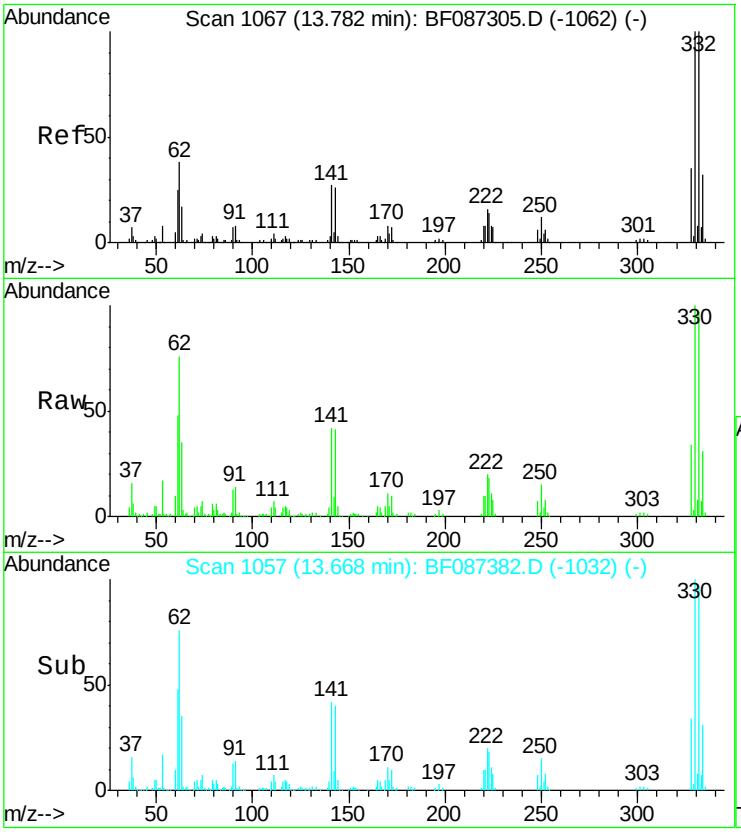


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion:164 Resp: 338737

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.8	124.2
160	47.1	36.9	55.3



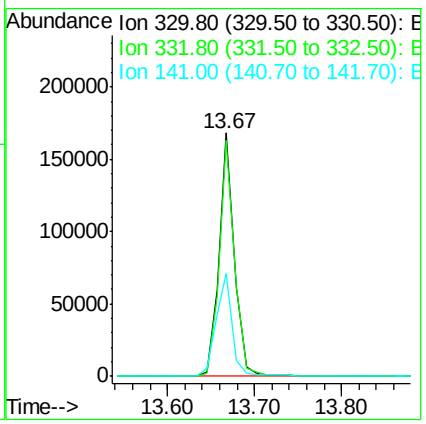


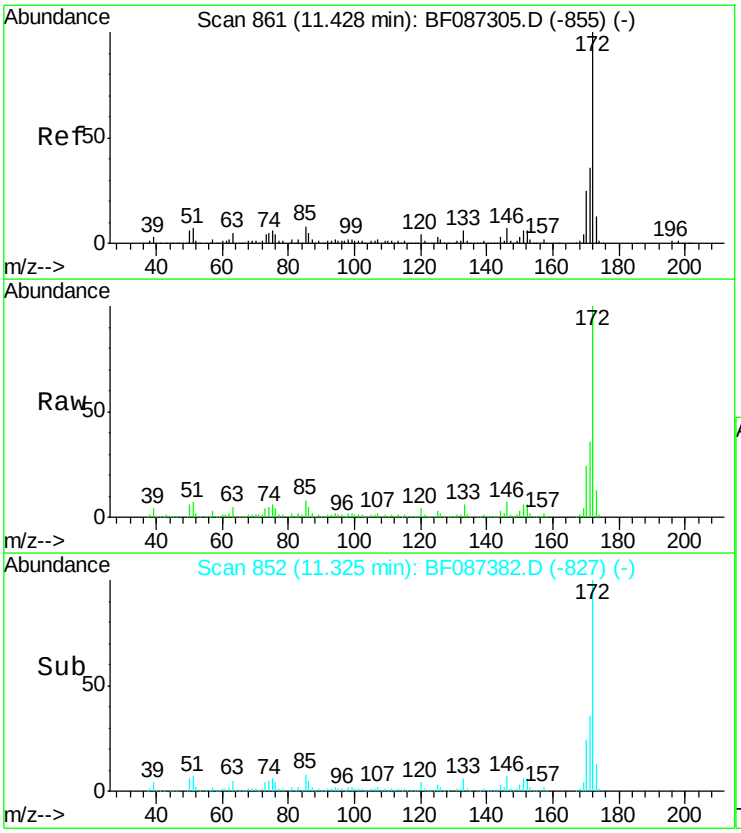
#41
2,4,6-Tribromophenol
Concen: 64.45 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion:330 Resp: 209786

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	45.3	31.2	46.8

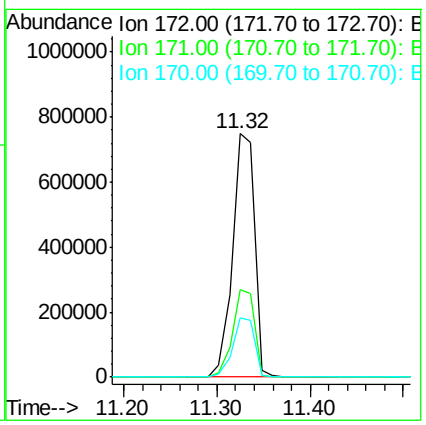


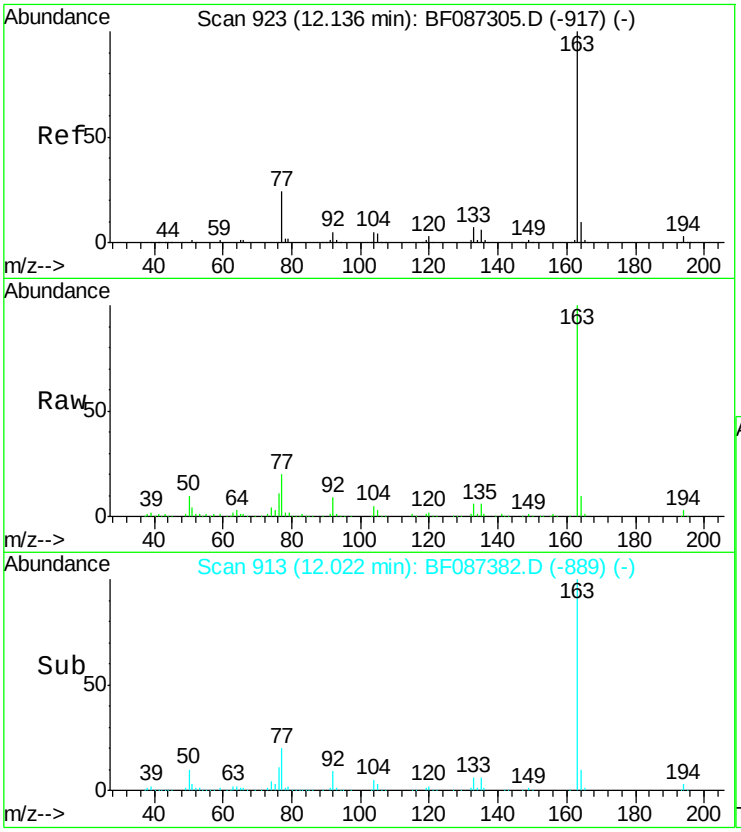


#44
2-Fluorobiphenyl
Concen: 51.27 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion:172 Resp: 1231904

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.2	19.8	29.8



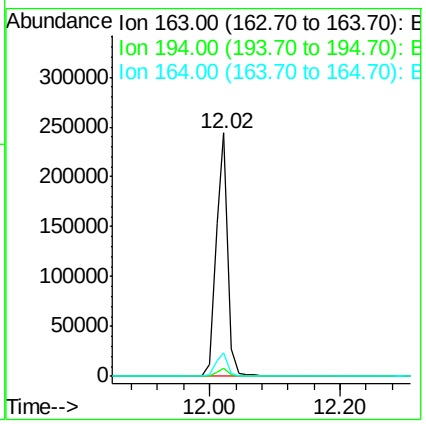


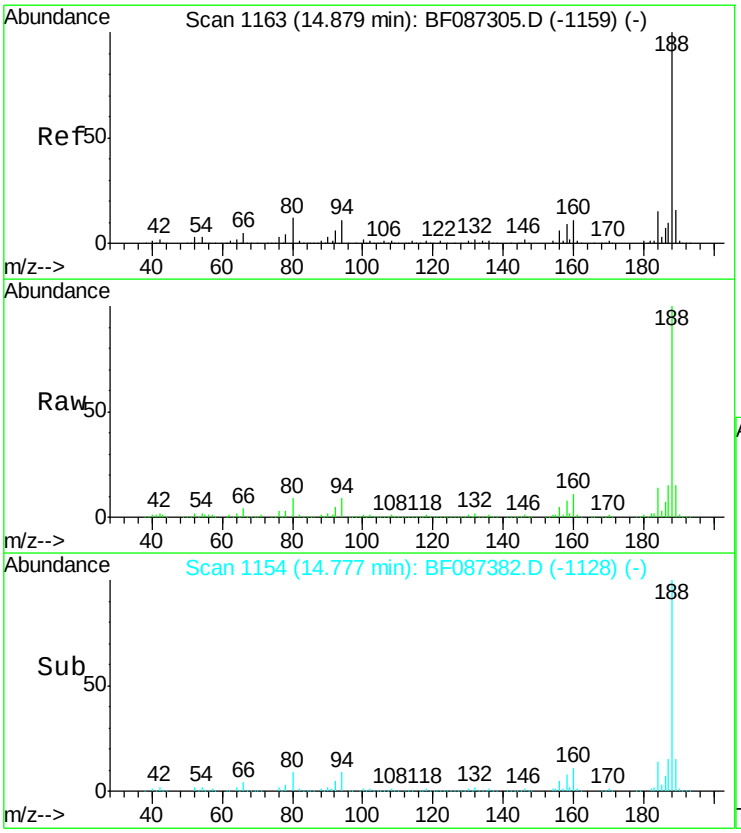
#49
Dimethylphthalate
Concen: 11.34 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion:163 Resp: 307755

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.9	8.2	12.4

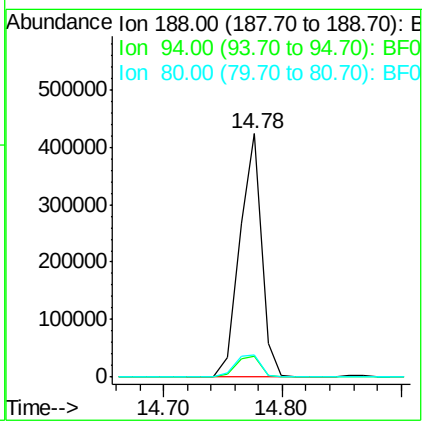


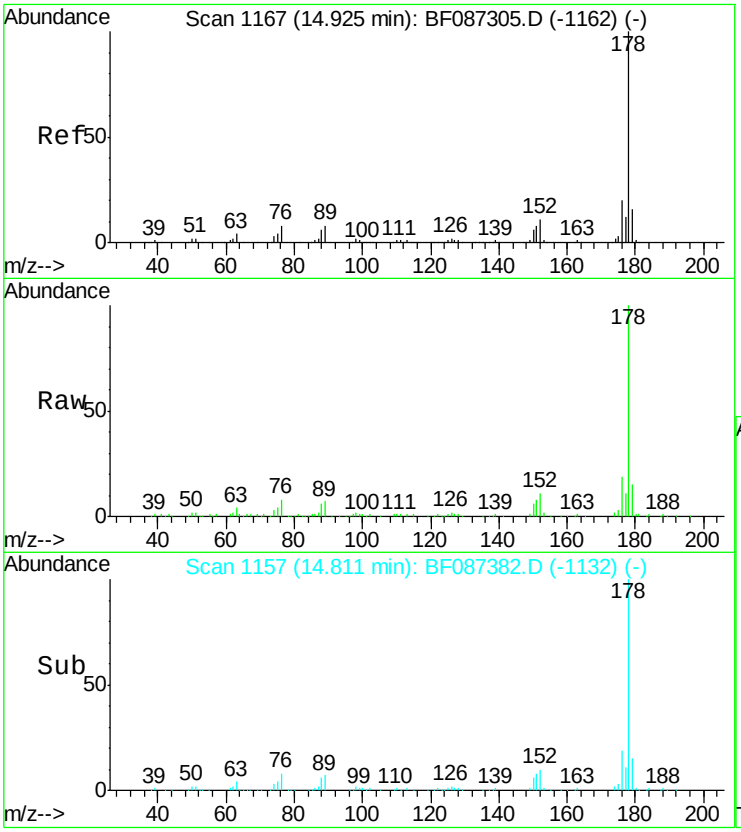


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion:188 Resp: 543669

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	9.1	7.1	10.7



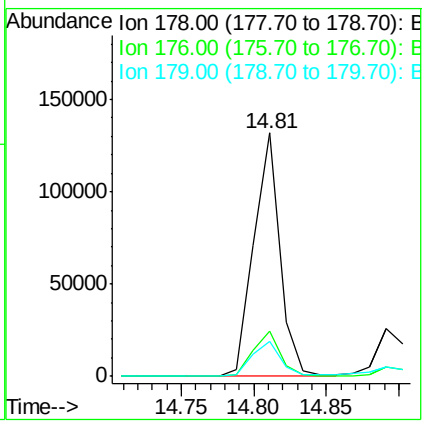


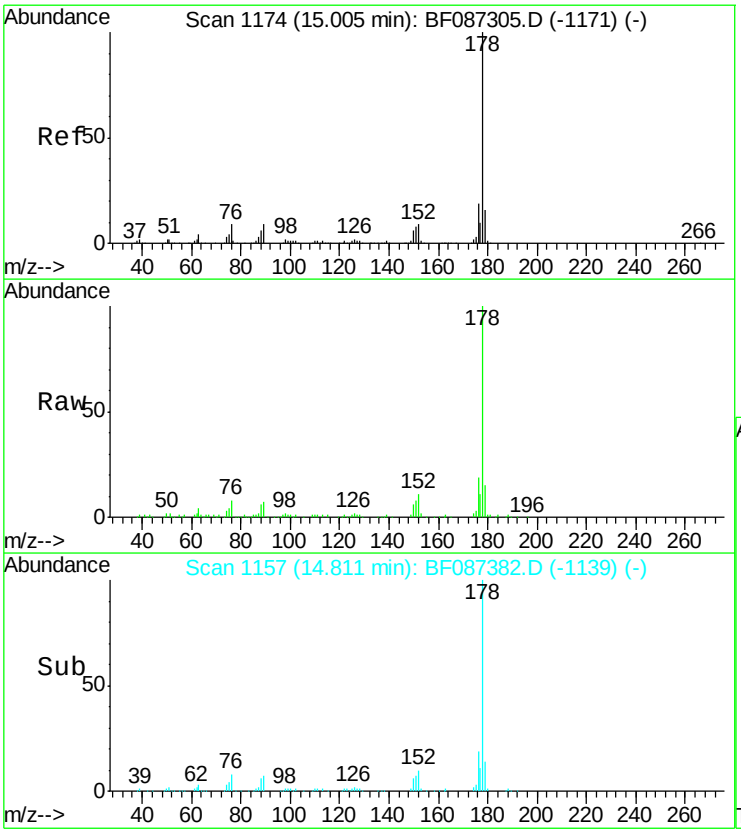
#70
Phenanthrene
Concen: 5.51 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion:178 Resp: 165886

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	14.6	12.6	18.8

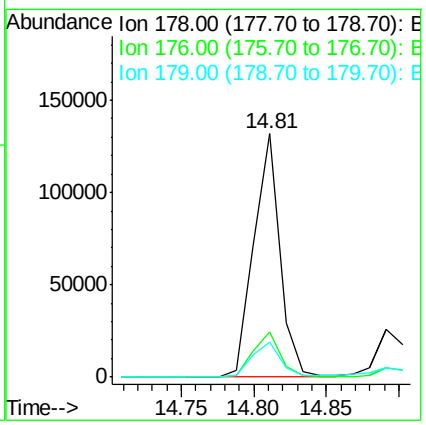


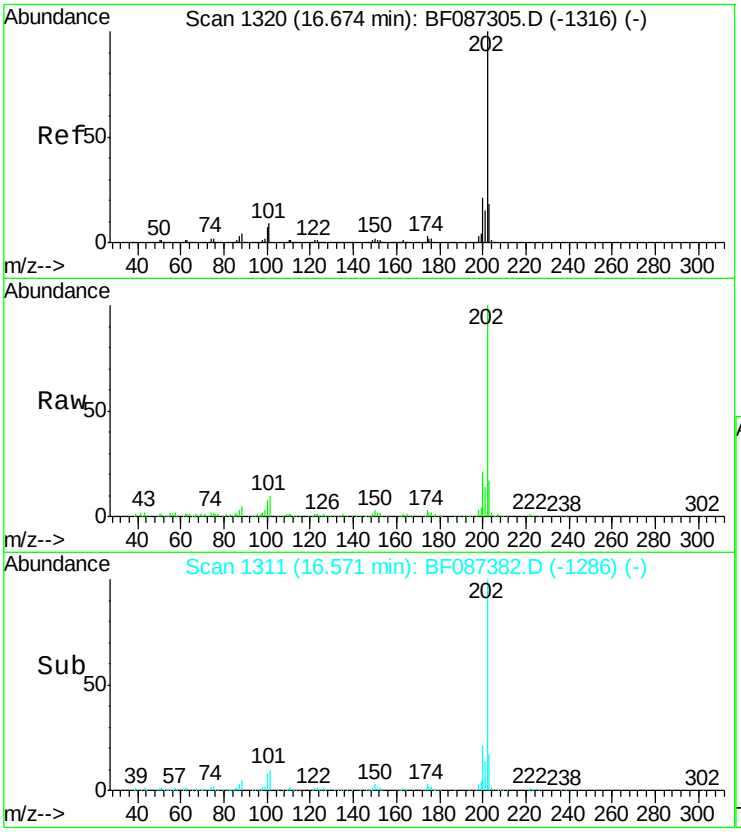


#71
Anthracene
Concen: 5.45 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.09 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion:178 Resp: 165886

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	14.6	12.7	19.1



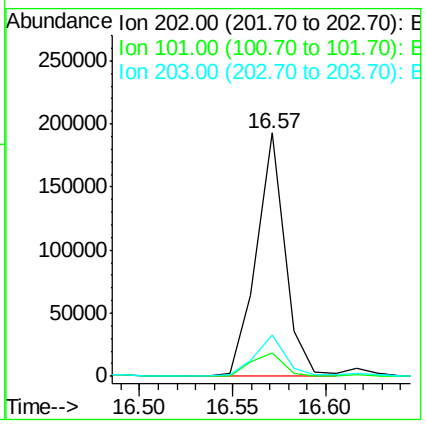


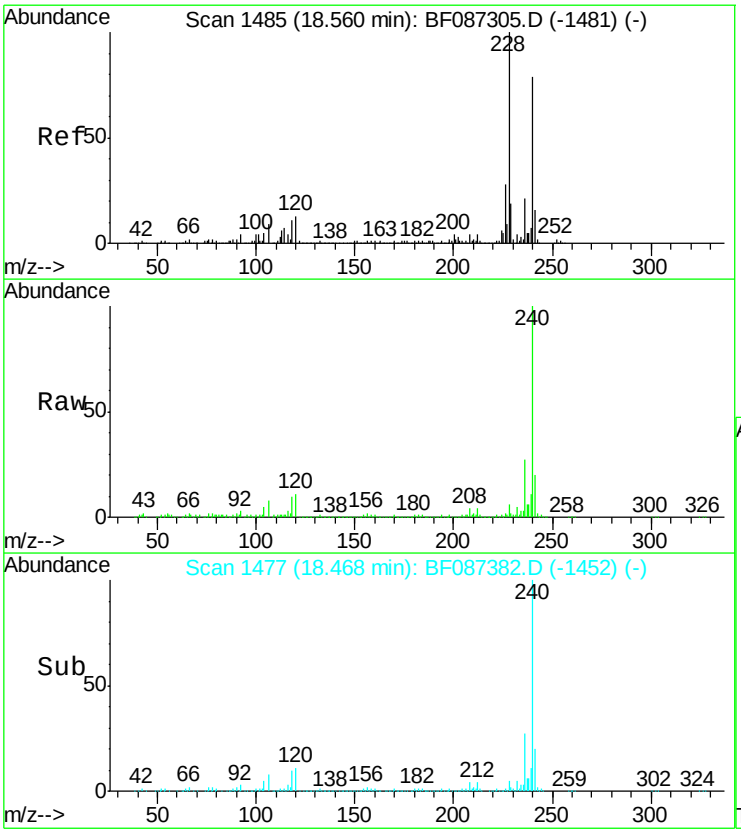
#74
Fluoranthene
Concen: 6.75 ng
RT: 16.57 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion:202 Resp: 203910

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	35.4
203	17.0	0.0	38.1

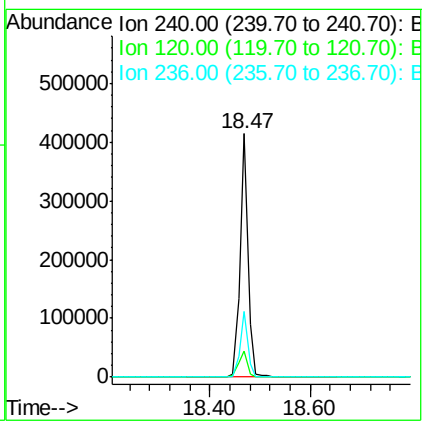


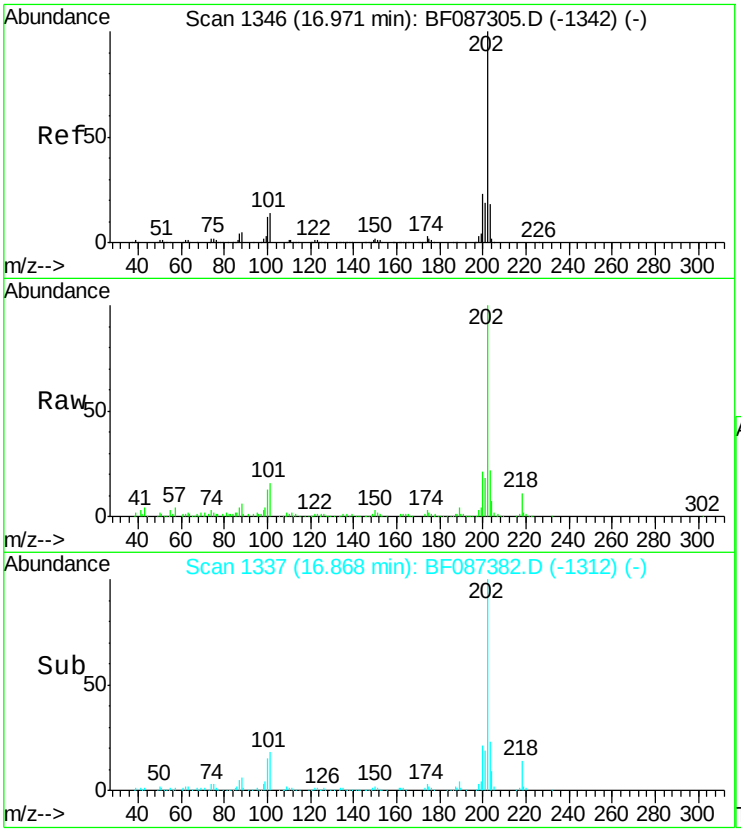


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion:240 Resp: 454784

Ion	Ratio	Lower	Upper
240	100		
120	10.9	11.2	16.8#
236	26.9	21.2	31.8



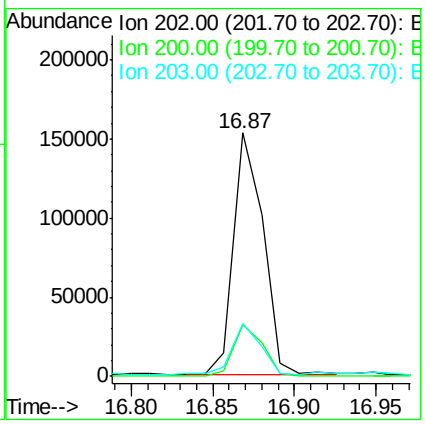


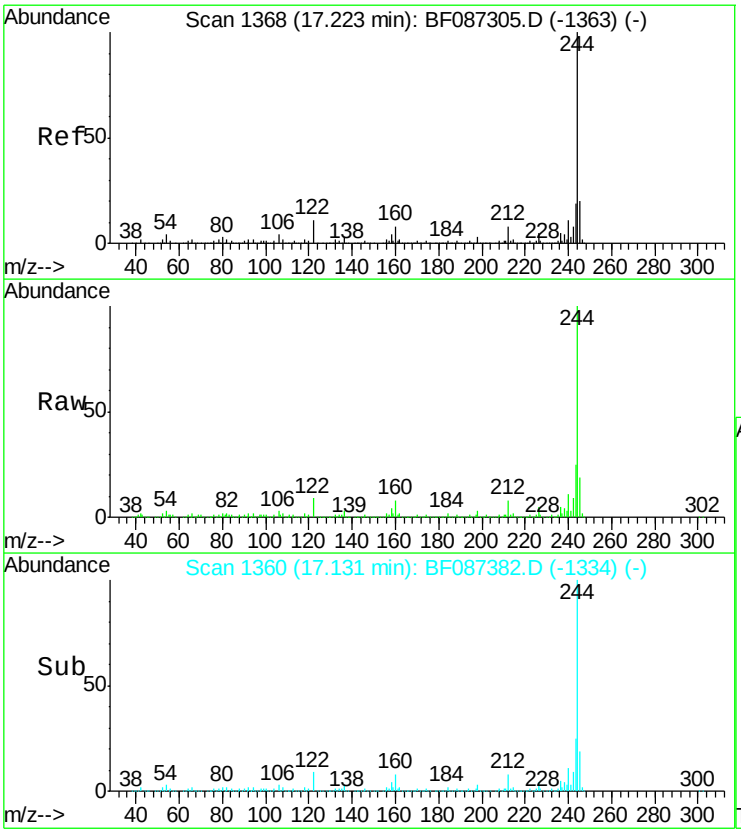
#77
Pyrene
Concen: 5.84 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion:202 Resp: 191274

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	21.9	14.2	21.4#

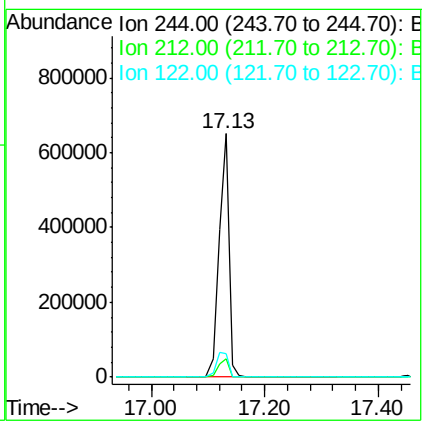


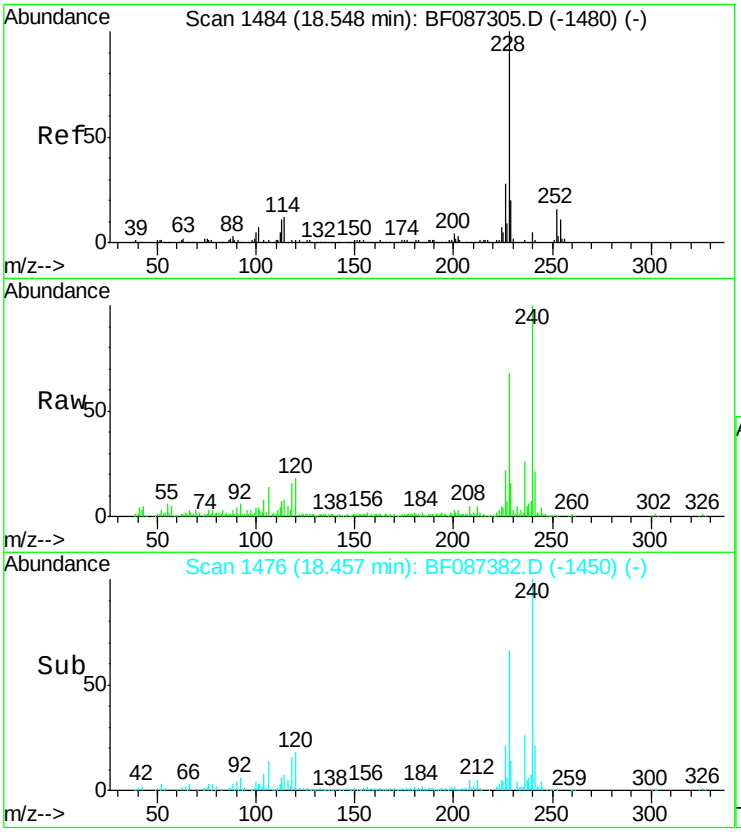


#78
Terphenyl-d14
Concen: 36.54 ng
RT: 17.13 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion:244 Resp: 781569

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	9.5	12.0	18.0#



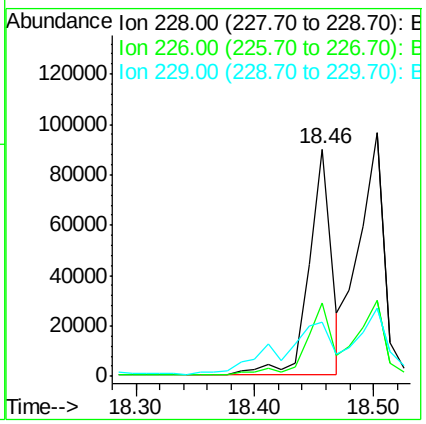


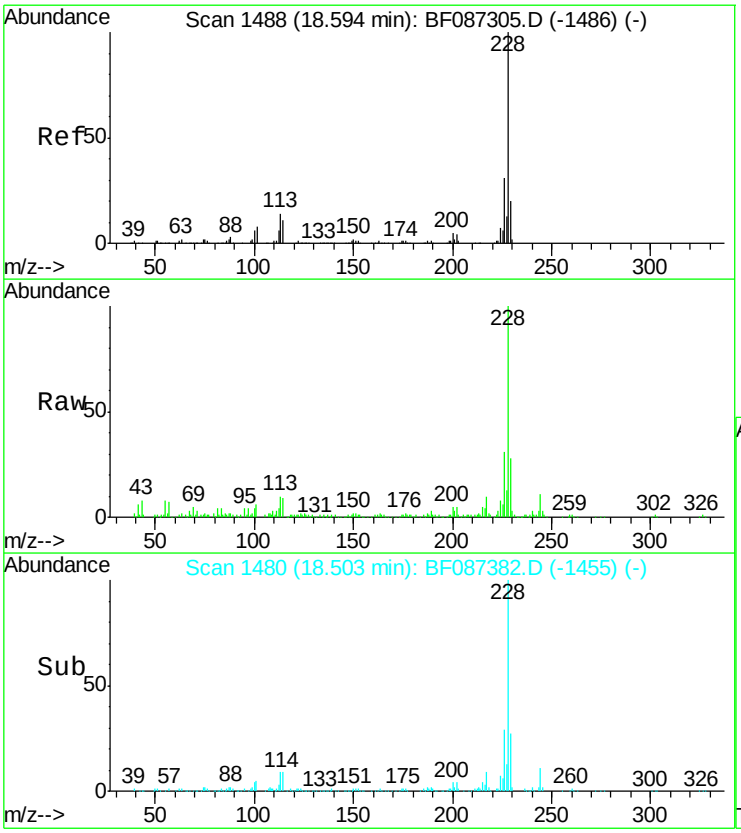
#80
Benzo(a)anthracene
Concen: 4.59 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion:228 Resp: 118818

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.5	33.7
229	24.1	16.6	25.0

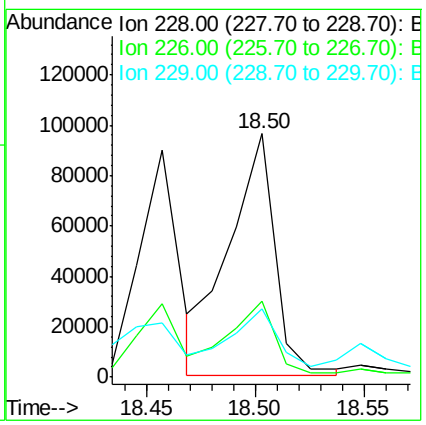


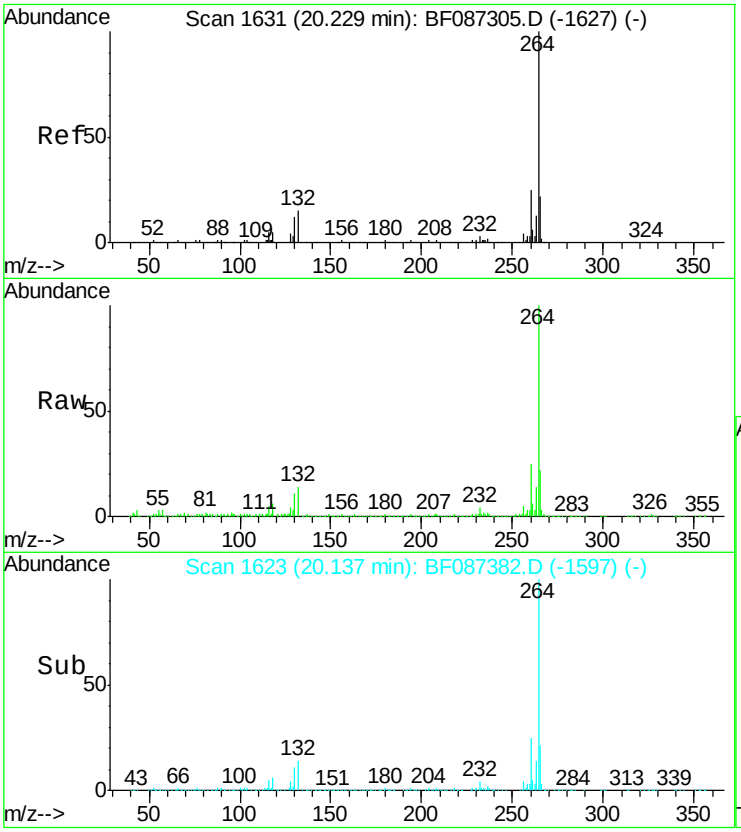


#82
Chrysene
Concen: 5.50 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion:228 Resp: 141129

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	27.9	15.8	23.8#



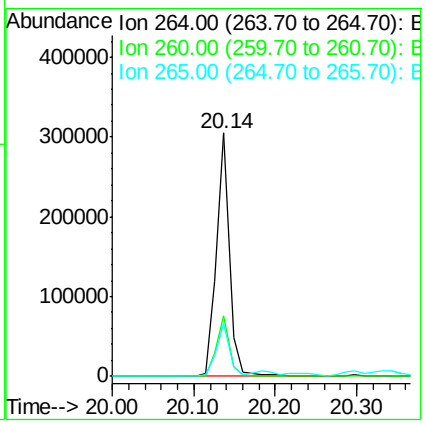


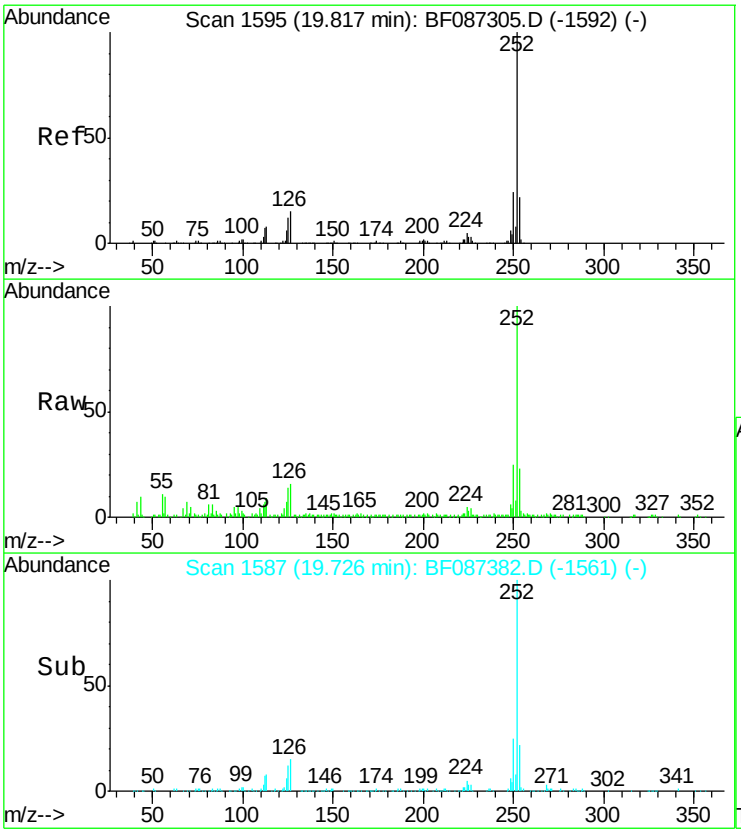
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion:264 Resp: 336665

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.3	25.9

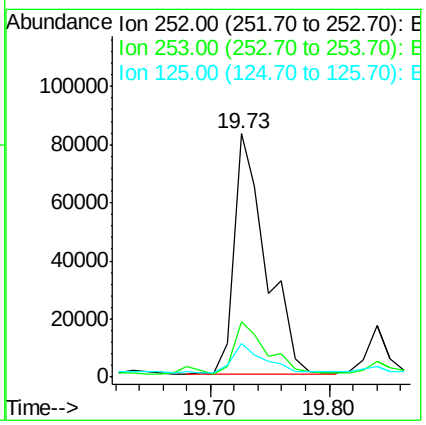


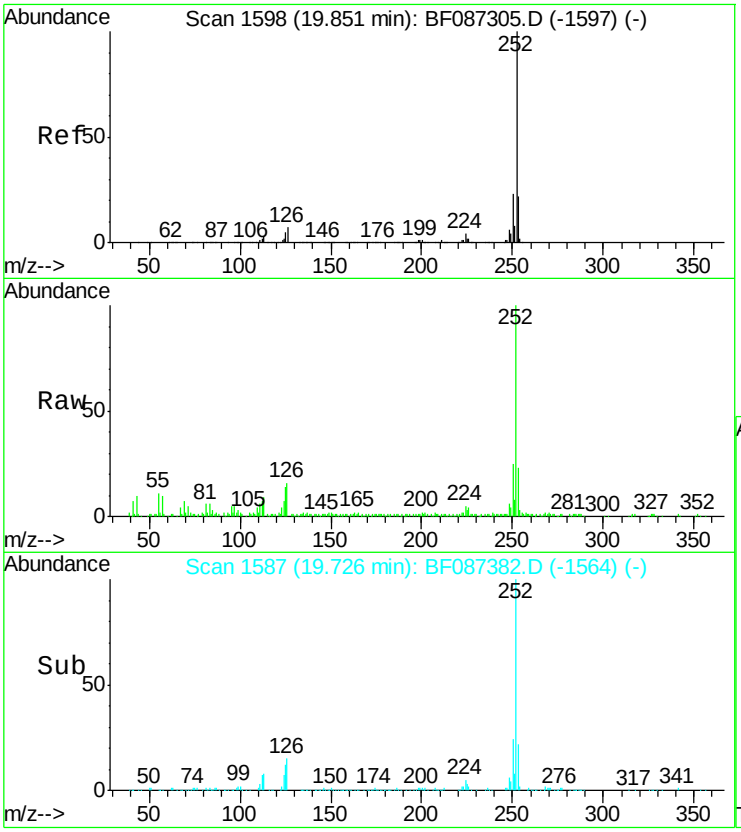


#87
Benzo(b)fluoranthene
Concen: 7.17 ng
RT: 19.73 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion:252 Resp: 153811

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	13.6	11.4	17.0



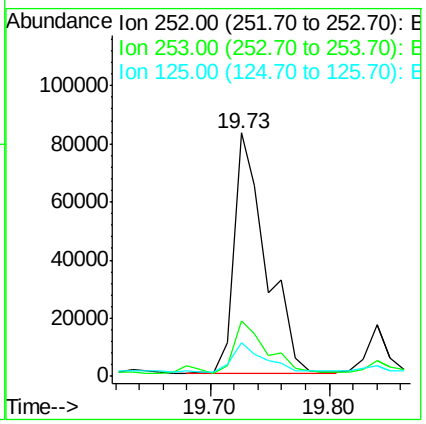


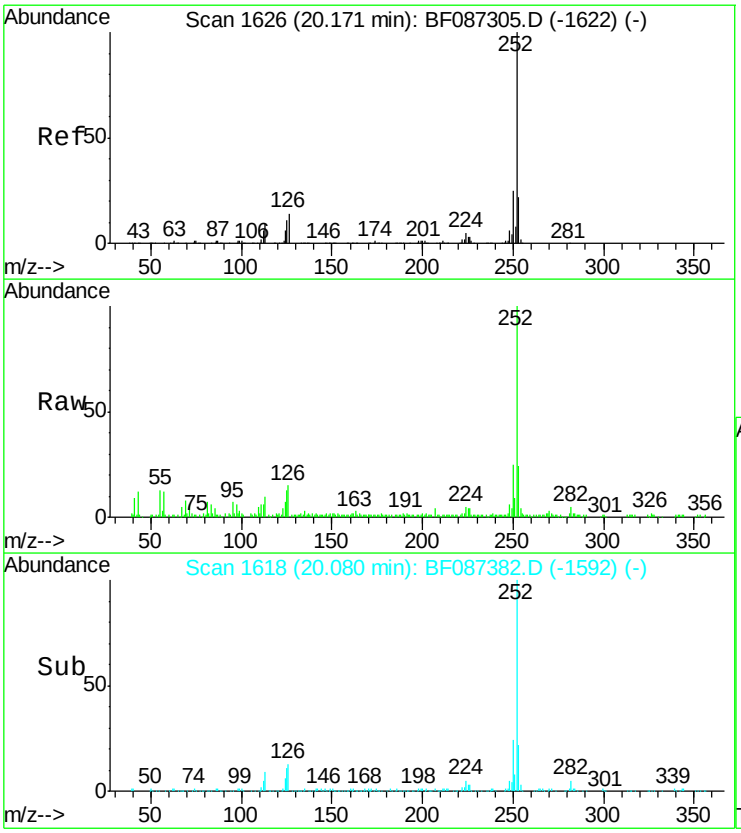
#88
Benzo(k)fluoranthene
Concen: 8.35 ng
RT: 19.73 min Scan# 1587
Delta R.T. -0.03 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion:252 Resp: 154075

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	13.6	9.1	13.7

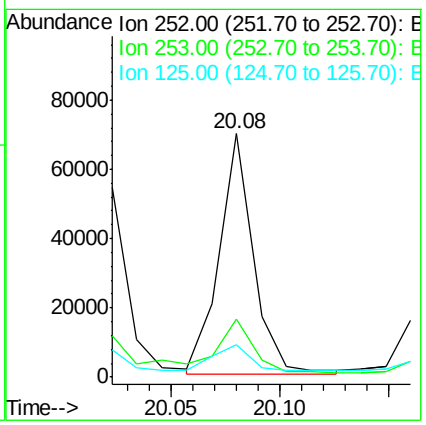


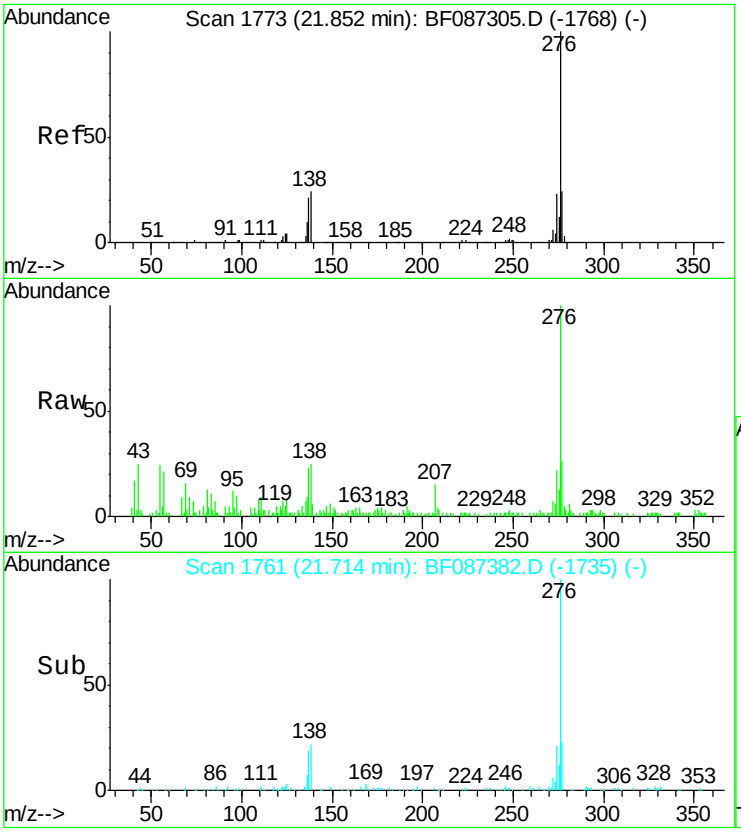


#89
Benzo(a)pyrene
Concen: 4.08 ng
RT: 20.08 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion:252 Resp: 75693

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	13.2	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 2.63 ng
RT: 21.71 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tgt Ion:276 Resp: 41116

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.6	29.4
138	25.3	23.6	35.4