Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087379.D
Acq On : 25 May 2016 19:01
Operator : UM/SJ
Sample : H3211-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1315-(0-4)

Quant Time: May 25 22:30:43 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	99647	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	394849	20.00	ng		-0.01
38) Acenaphthene-d10	12.38	164	164160	20.00	ng		-0.01
63) Phenanthrene-d10	14.77	188	255462	20.00	ng		-0.01
75) Chrysene-d12	18.47	240	221017	20.00	ng		-0.01
86) Perylene-d12	20.14	264	173134	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	694829	122.52	ng		0.00
7) Phenol-d6	7.06	99	914767	119.38	ng		-0.01
23) Nitrobenzene-d5	8.43	82	643316	82.11	ng		-0.01
41) 2,4,6-Tribromophenol	13.67	330	152668	96.78	ng		-0.01
44) 2-Fluorobiphenyl	11.33	172	800381	68.74	ng		-0.01
78) Terphenyl-d14	17.12	244	478140	45.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	117319	39.21	ng	#	22
19) n-Nitroso-di-n-propylamine	8.43	70	88641	15.51	ng	#	78
48) Acenaphthylene	12.15	152	75106	4.49	ng		99
49) Dimethylphthalate	12.02	163	139750	10.63	ng		99
55) 4-Nitrophenol	12.72	139	4146	3.20	ng	#	14
70) Phenanthrene	14.81	178	60705	4.29	ng		98
71) Anthracene	14.89	178	68701	4.81	ng		98
74) Fluoranthene	16.57	202	343216	24.19	ng		93
77) Pyrene	16.87	202	317109	19.93	ng		97
80) Benzo(a)anthracene	18.50	228	169218	13.46	ng		96
82) Chrysene	18.50	228	169218	13.56	ng		97
85) Indeno(1,2,3-cd)pyrene	21.36	276	81189	8.12	ng	#	87
87) Benzo(b)fluoranthene	19.73	252	351154	31.84	ng		98
88) Benzo(k)fluoranthene	19.73	252	351154	36.99	ng		99
89) Benzo(a)pyrene	20.08	252	124647	13.07	ng		98
91) Benzo(g,h,i)perylene	21.71	276	65965	8.22	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087379.D
Acq On : 25 May 2016 19:01
Operator : UM/SJ
Sample : H3211-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
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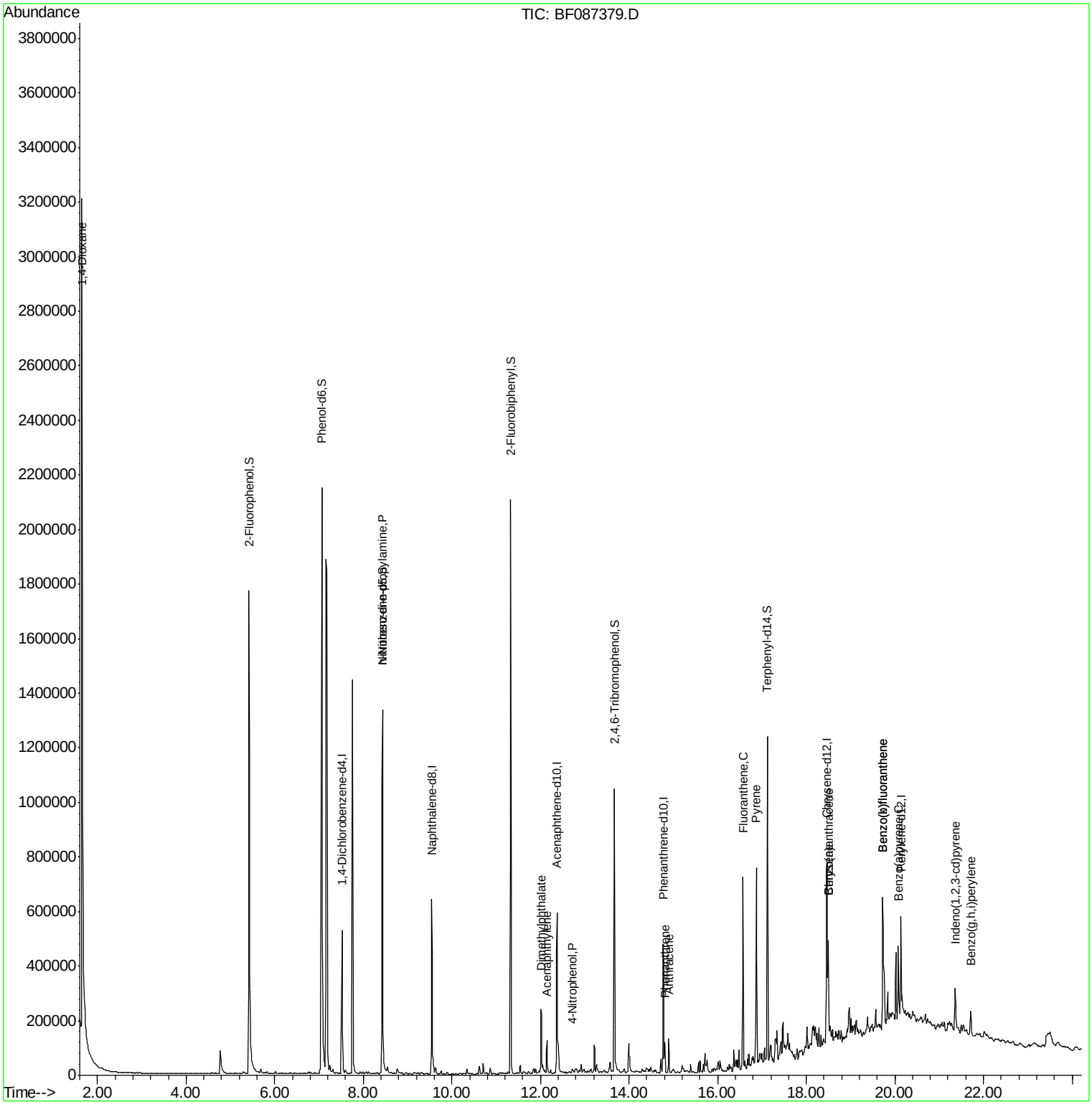
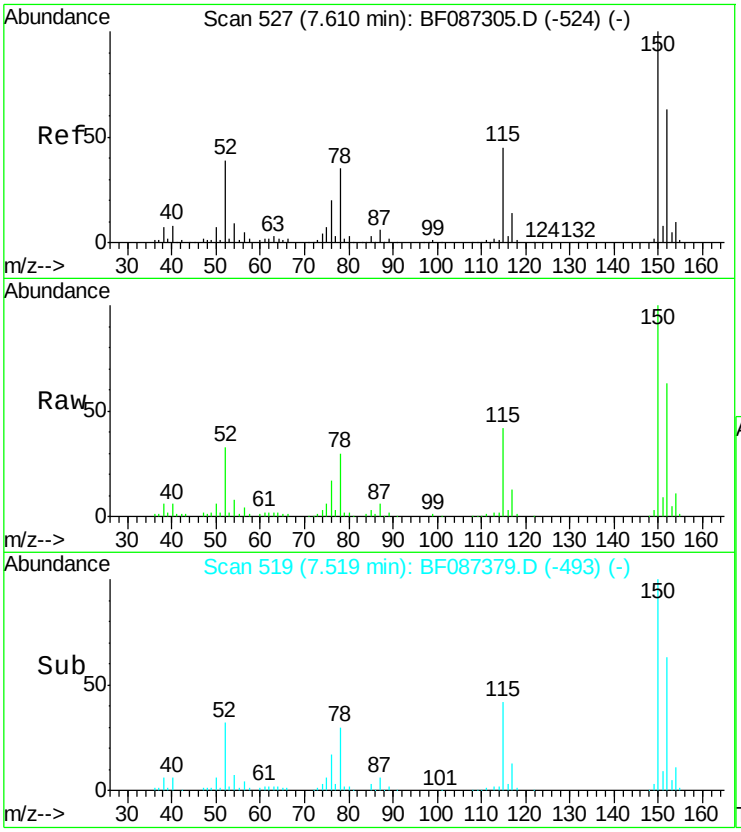
TA-1315-(0-4)

Quant Time: May 25 22:30:43 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



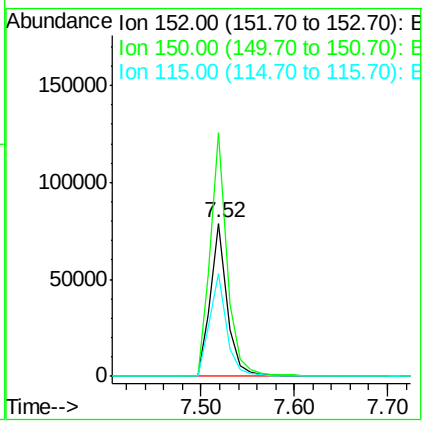


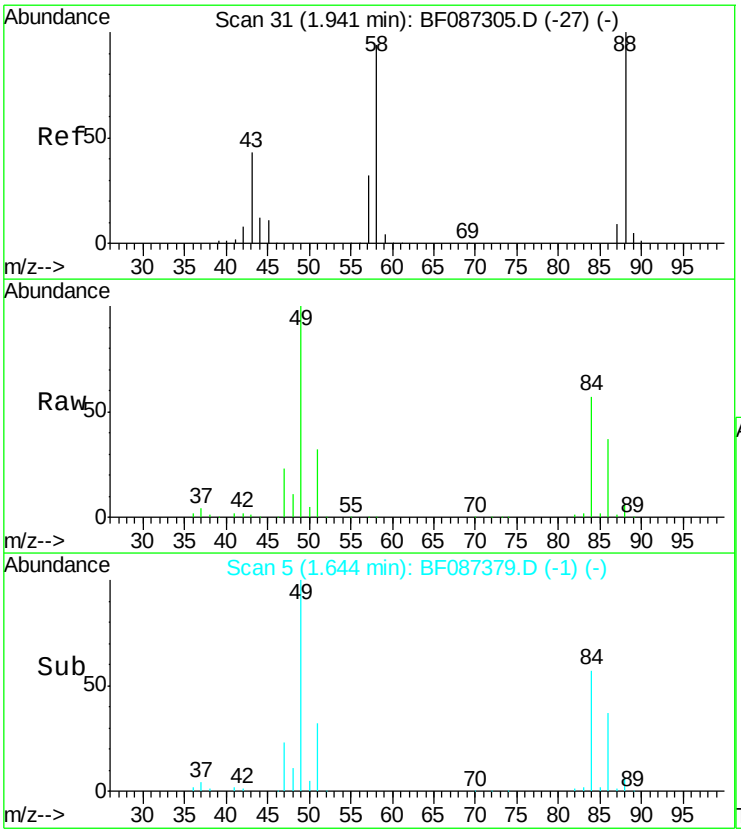
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tgt Ion:152 Resp: 99647

Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.8	188.6
115	66.9	51.5	77.3

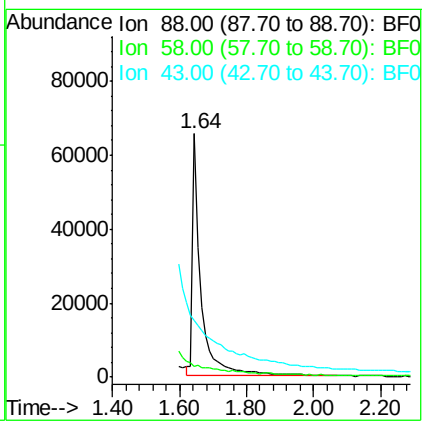


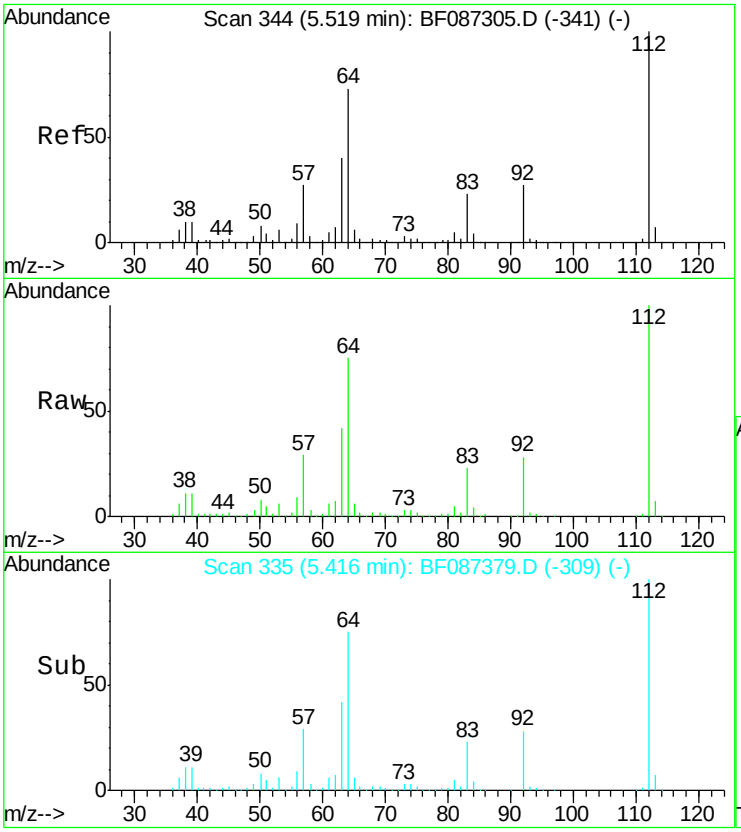


#2
1,4-Dioxane
Concen: 39.21 ng
RT: 1.64 min Scan# 5
Delta R.T. -0.17 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion: 88 Resp: 117319

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



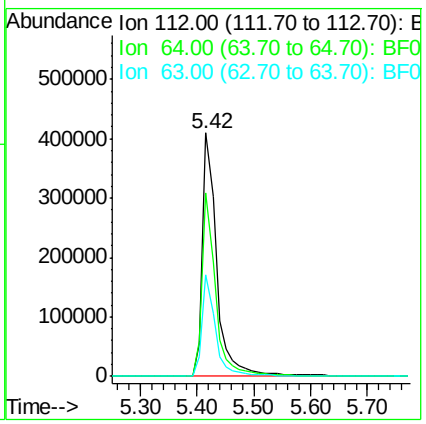


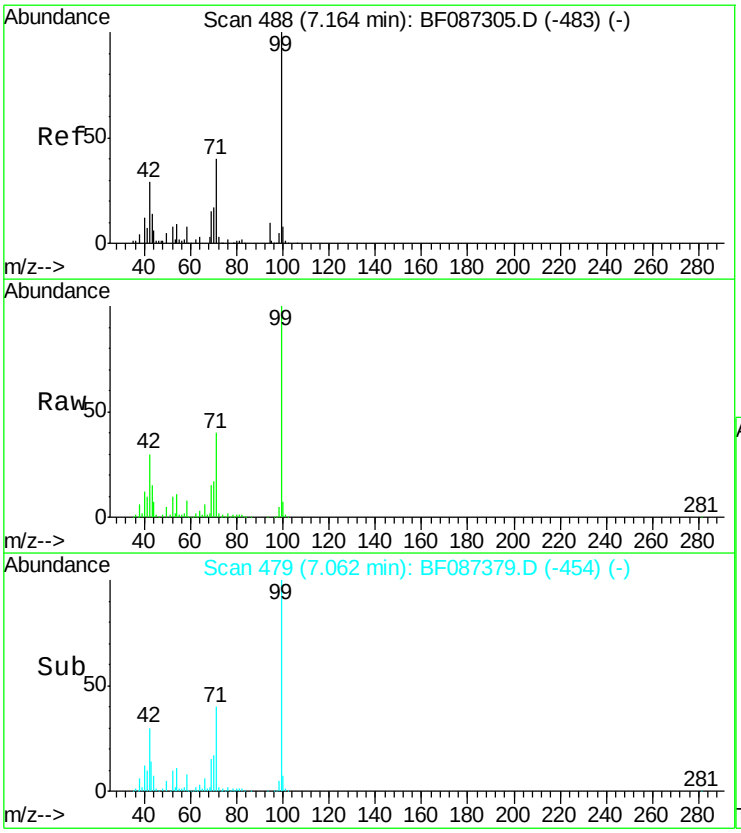
#5
2-Fluorophenol
Concen: 122.52 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.00 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tgt Ion:112 Resp: 694829

Ion	Ratio	Lower	Upper
112	100		
64	75.4	52.1	78.1
63	41.7	25.7	38.5#

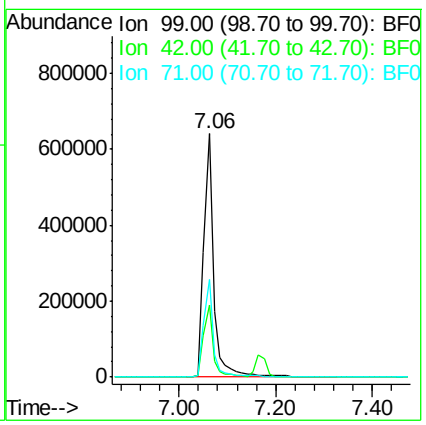


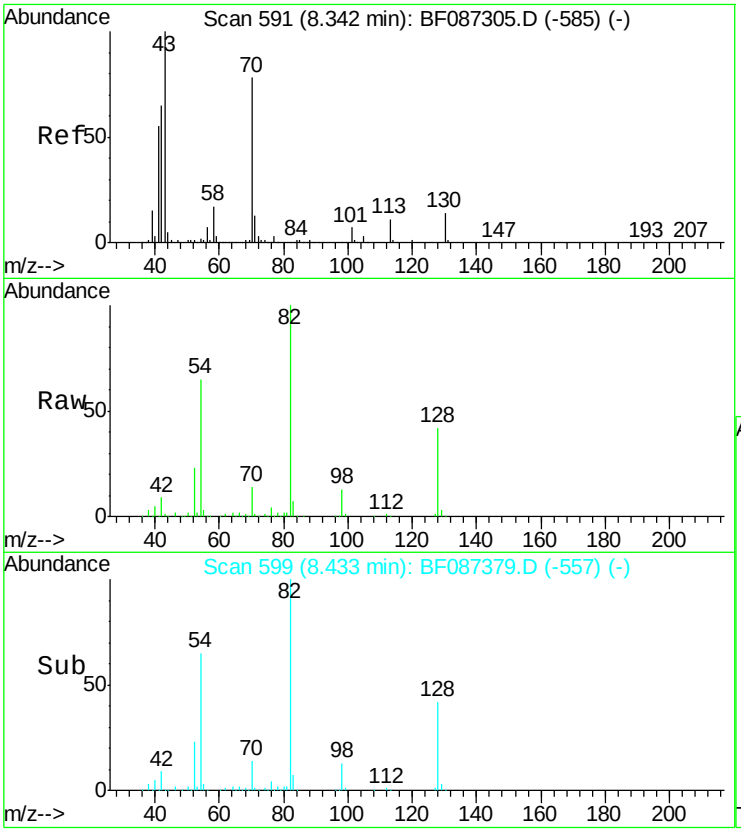


#7
Phenol-d6
Concen: 119.38 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion: 99 Resp: 914767

Ion	Ratio	Lower	Upper
99	100		
42	29.8	13.6	20.4#
71	40.4	24.6	36.8#



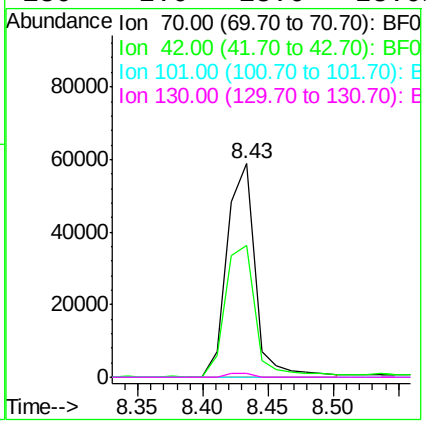


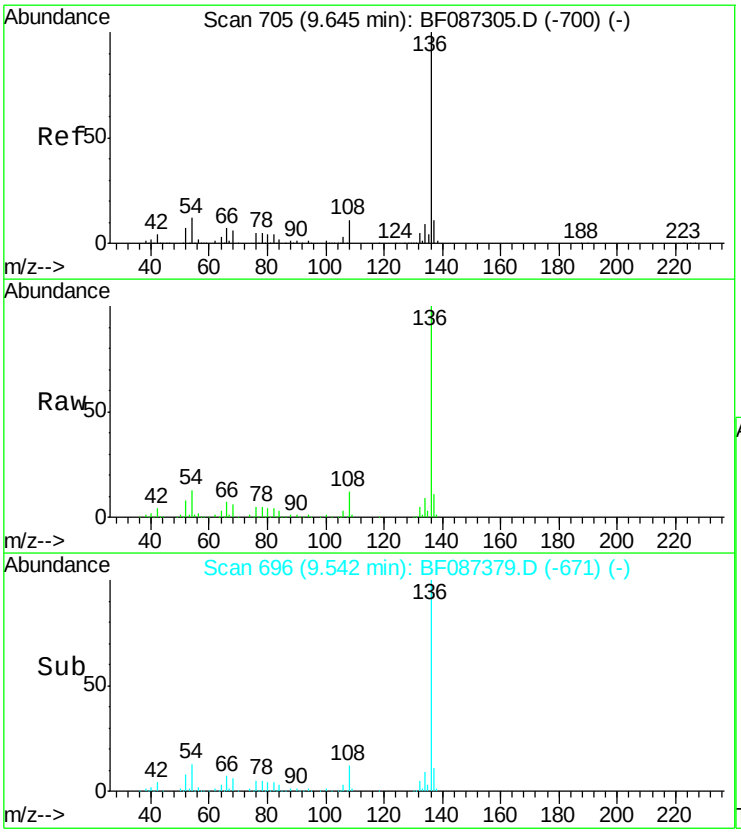
#19
n-Nitroso-di-n-propylamine
Concen: 15.51 ng
RT: 8.43 min Scan# 599
Delta R.T. 0.18 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tgt Ion: 70 Resp: 88641

Ion	Ratio	Lower	Upper
70	100		
42	61.9	43.1	64.7
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#

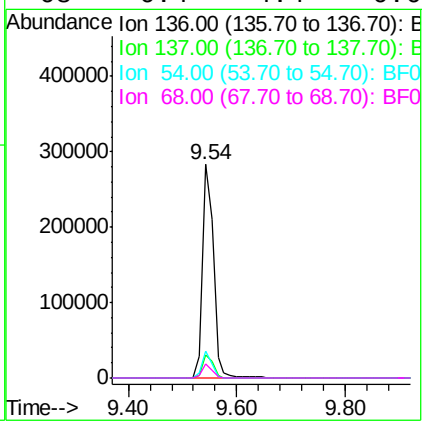


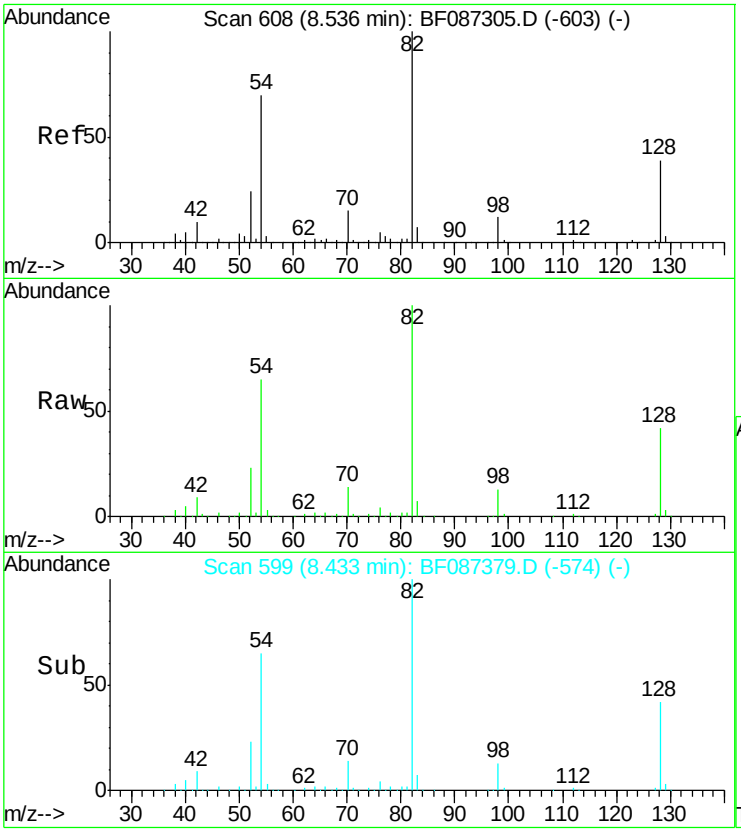


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion:136 Resp: 394849

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	12.6	5.0	7.4#
68	6.4	4.4	6.6



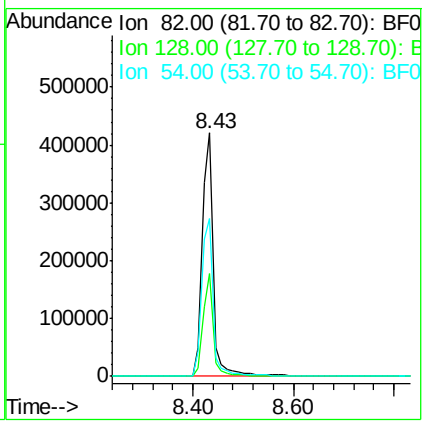


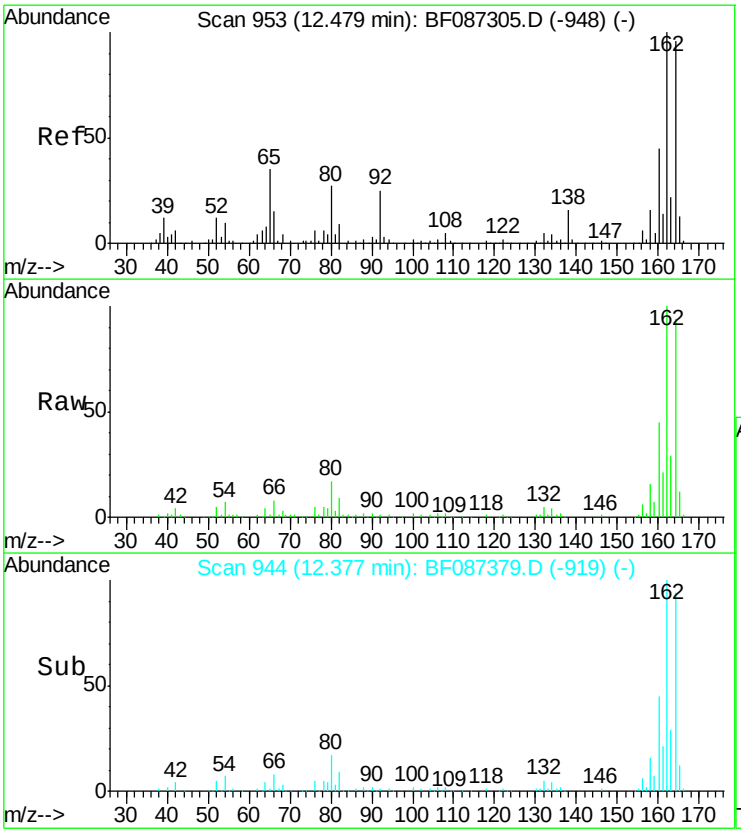
#23
Nitrobenzene-d5
Concen: 82.11 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tgt Ion: 82 Resp: 643316

Ion	Ratio	Lower	Upper
82	100		
128	42.4	40.6	61.0
54	65.0	38.1	57.1#

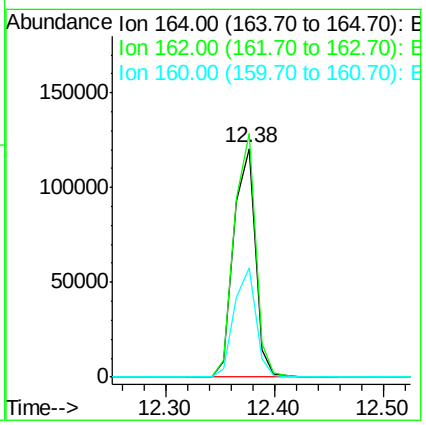


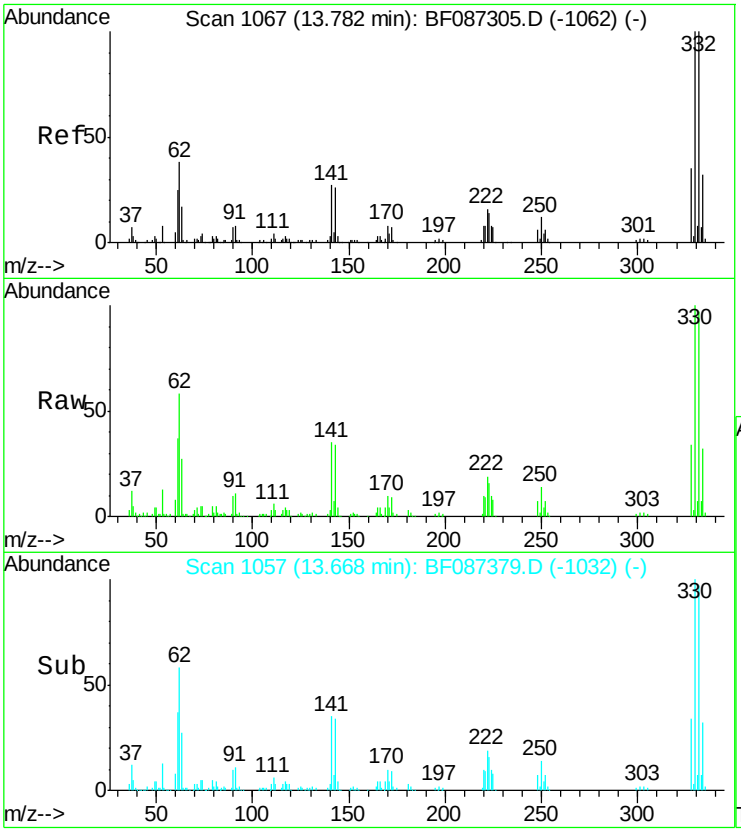


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion:164 Resp: 164160

Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.8	124.2
160	47.9	36.9	55.3



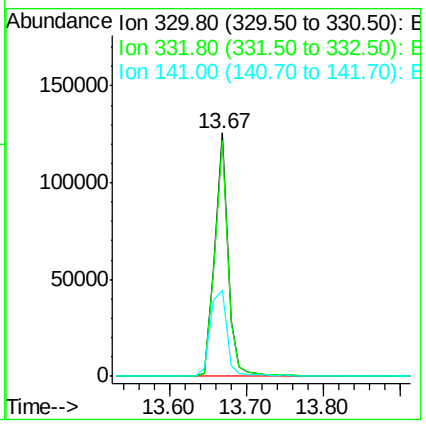


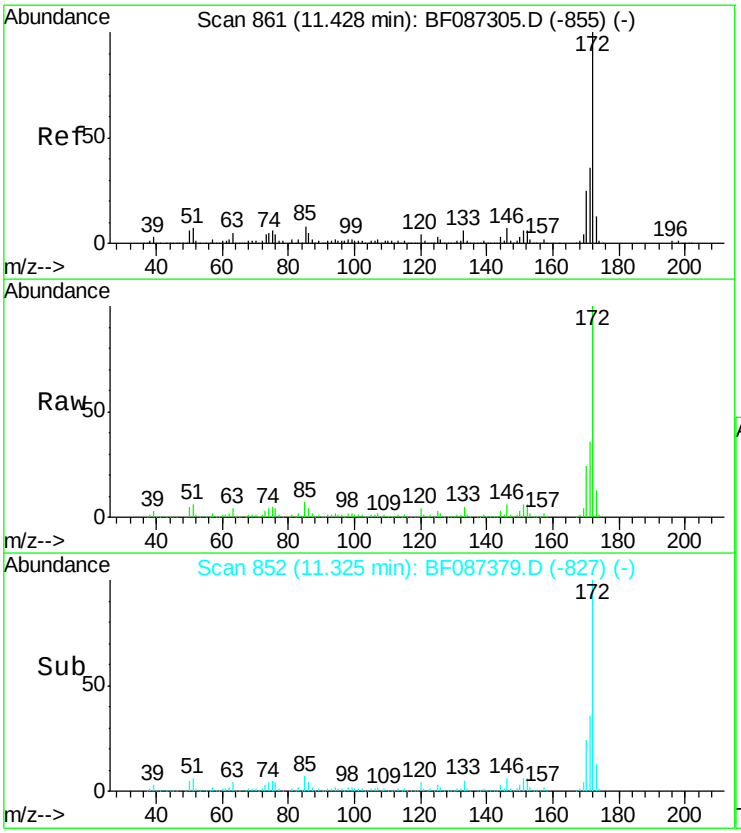
#41
2,4,6-Tribromophenol
Concen: 96.78 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tgt Ion:330 Resp: 152668

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	45.3	31.2	46.8

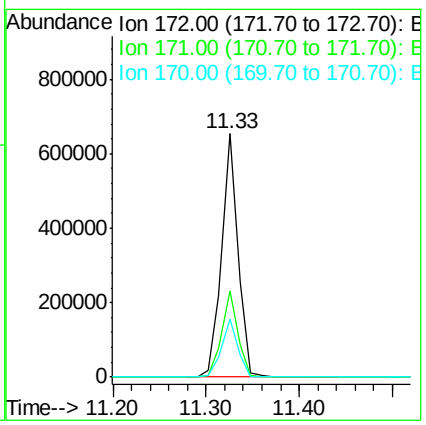


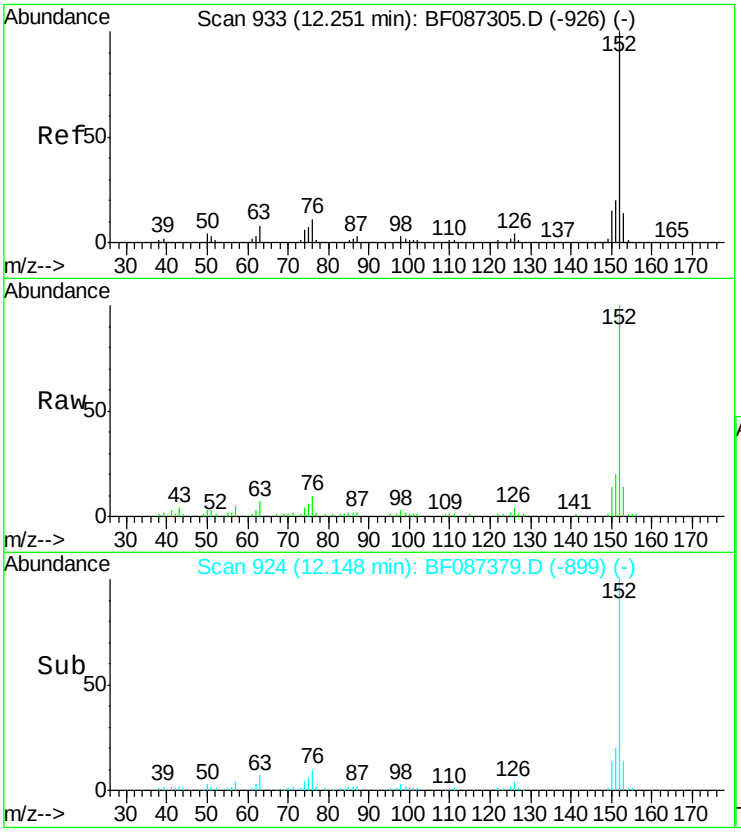


#44
2-Fluorobiphenyl
Concen: 68.74 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion:172 Resp: 800381

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.8	19.8	29.8

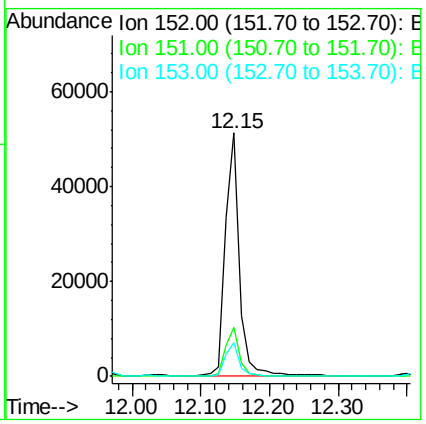




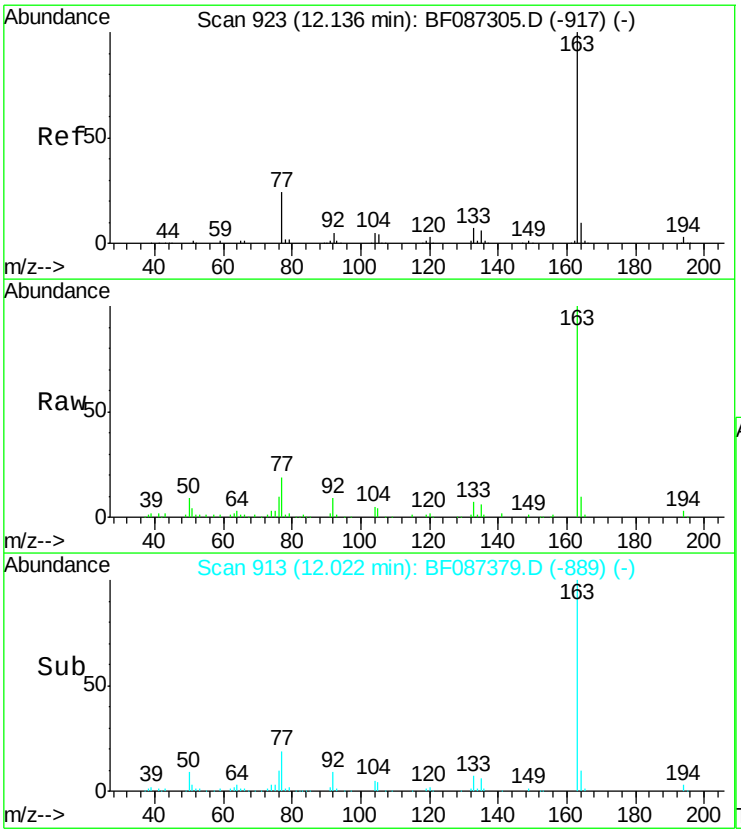
#48
Acenaphthylene
Concen: 4.49 ng
RT: 12.15 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion:152 Resp: 75106

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.9	10.9	16.3



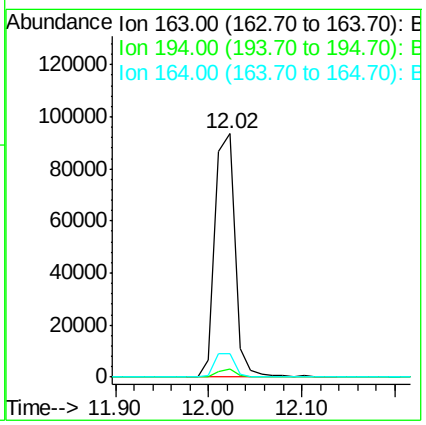
Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

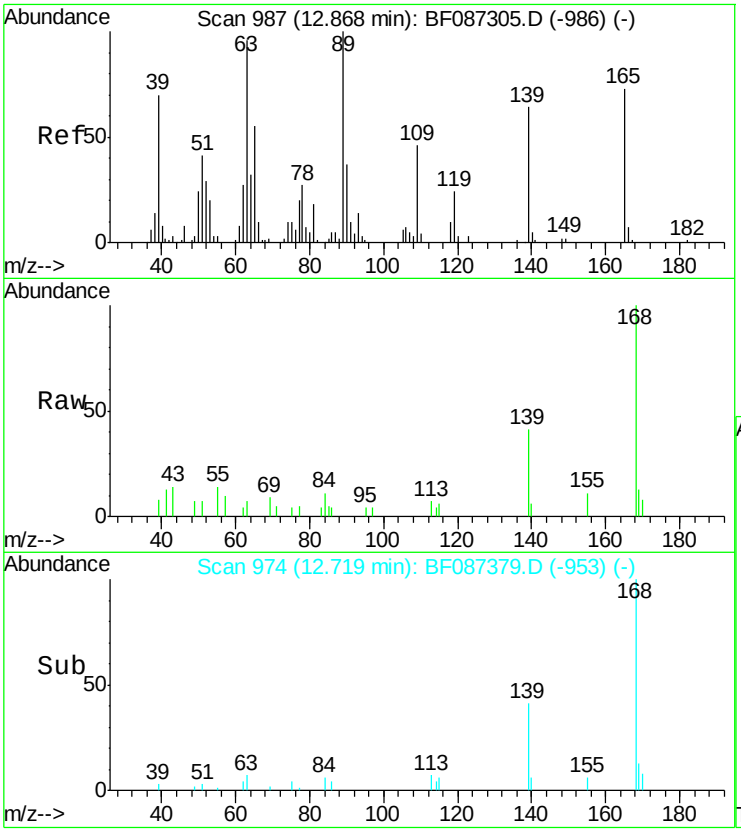


#49
Dimethylphthalate
Concen: 10.63 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion:163 Resp: 139750

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.2	12.4



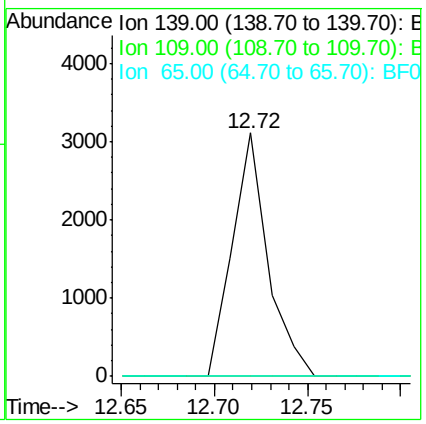


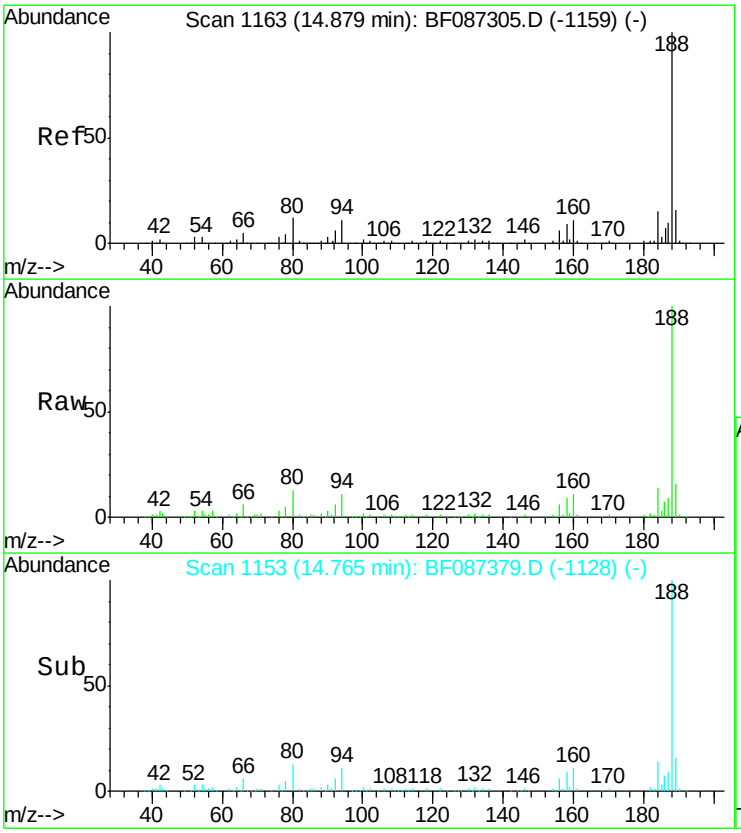
#55
4-Nitrophenol
Concen: 3.20 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.06 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tgt Ion:139 Resp: 4146

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#

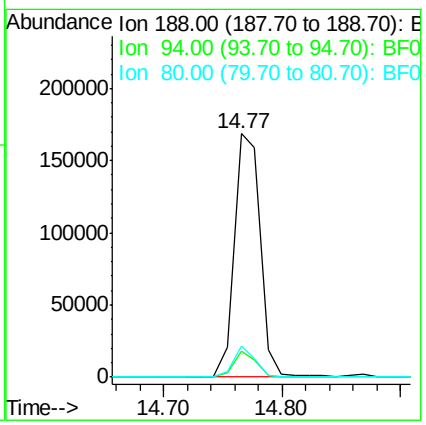


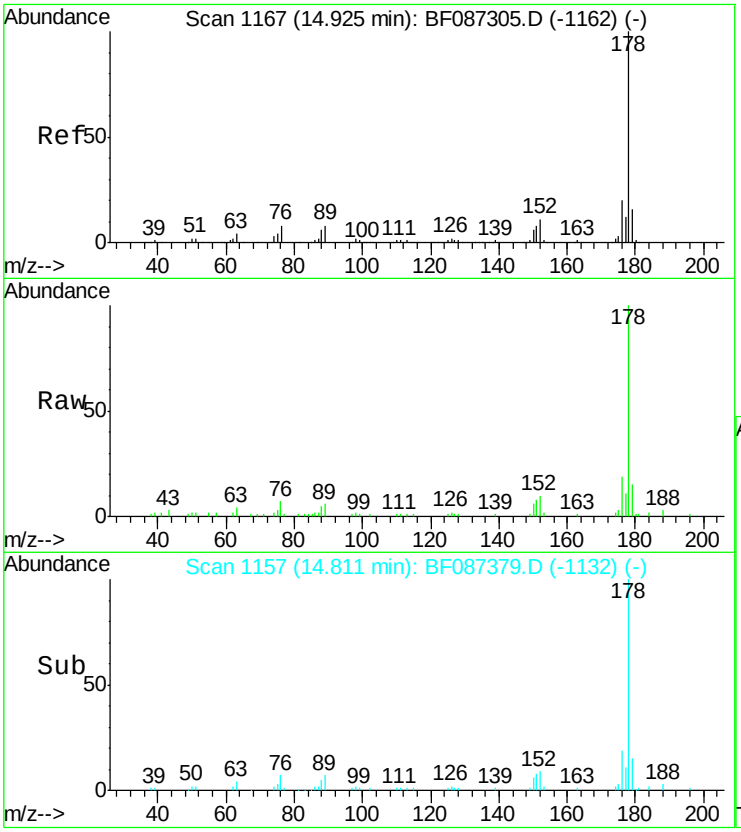


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion:188 Resp: 255462

Ion	Ratio	Lower	Upper
188	100		
94	10.9	6.8	10.2#
80	12.8	7.1	10.7#



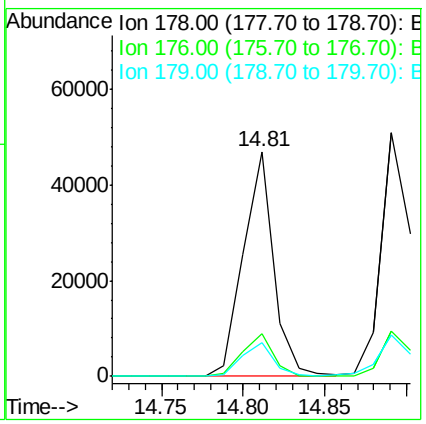


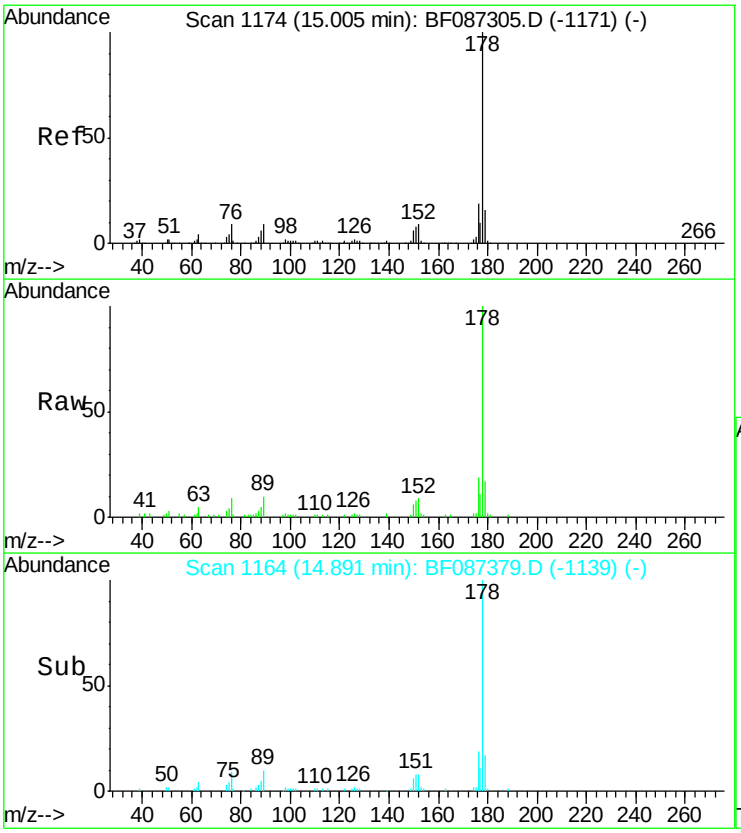
#70
Phenanthrene
Concen: 4.29 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tgt Ion:178 Resp: 60705

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	14.8	12.6	18.8

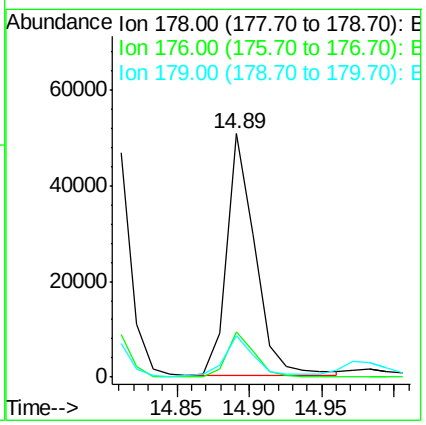


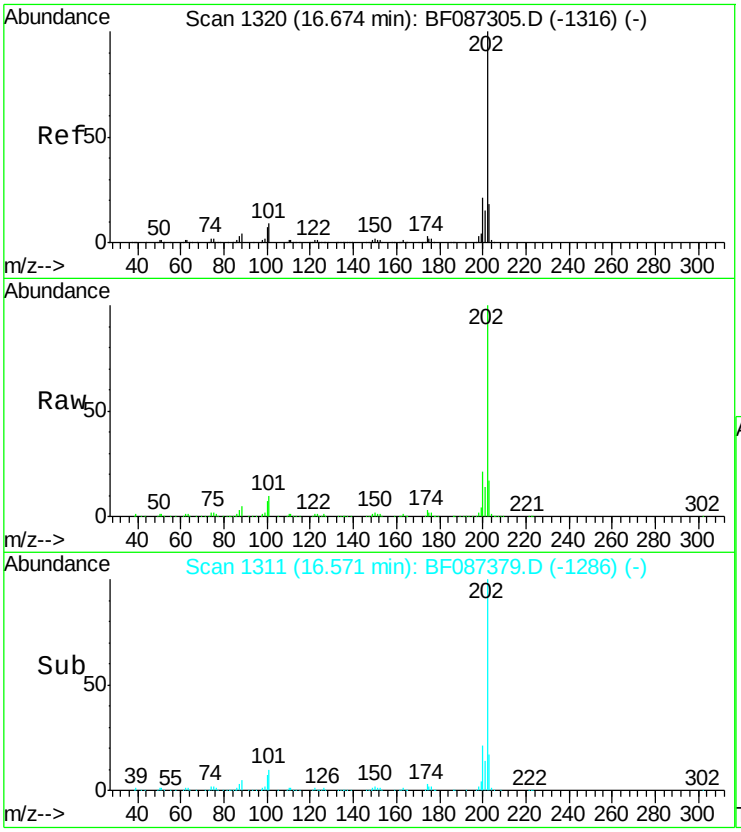


#71
Anthracene
Concen: 4.81 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion:178 Resp: 68701

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	16.8	12.7	19.1



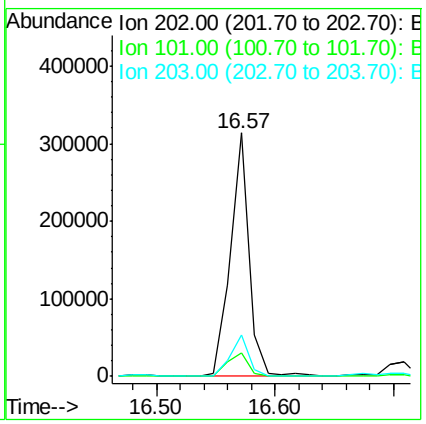


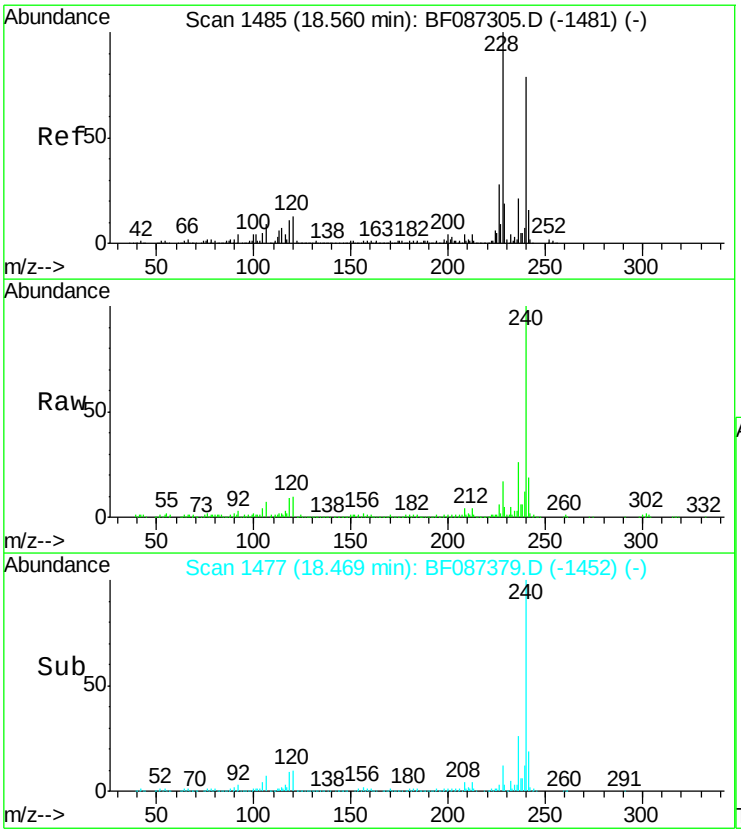
#74
Fluoranthene
Concen: 24.19 ng
RT: 16.57 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tgt Ion:202 Resp: 343216

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	35.4
203	17.2	0.0	38.1

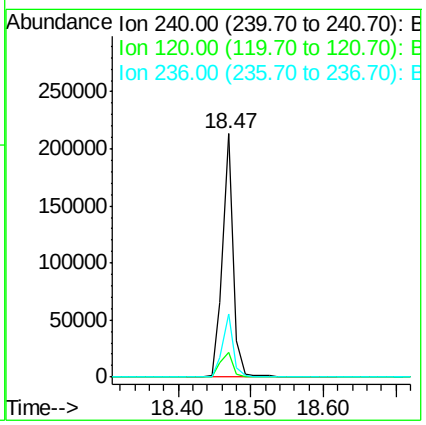


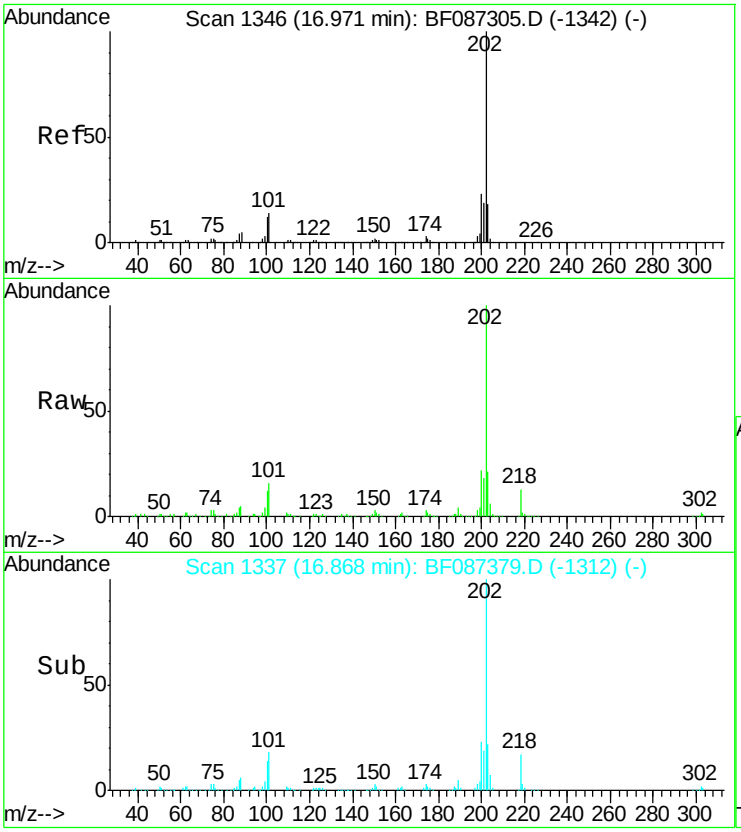


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion:240 Resp: 221017

Ion	Ratio	Lower	Upper
240	100		
120	10.1	11.2	16.8#
236	26.0	21.2	31.8



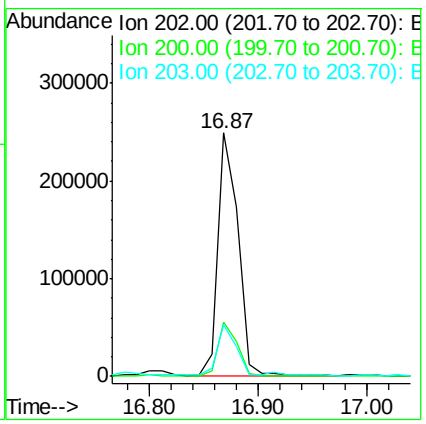


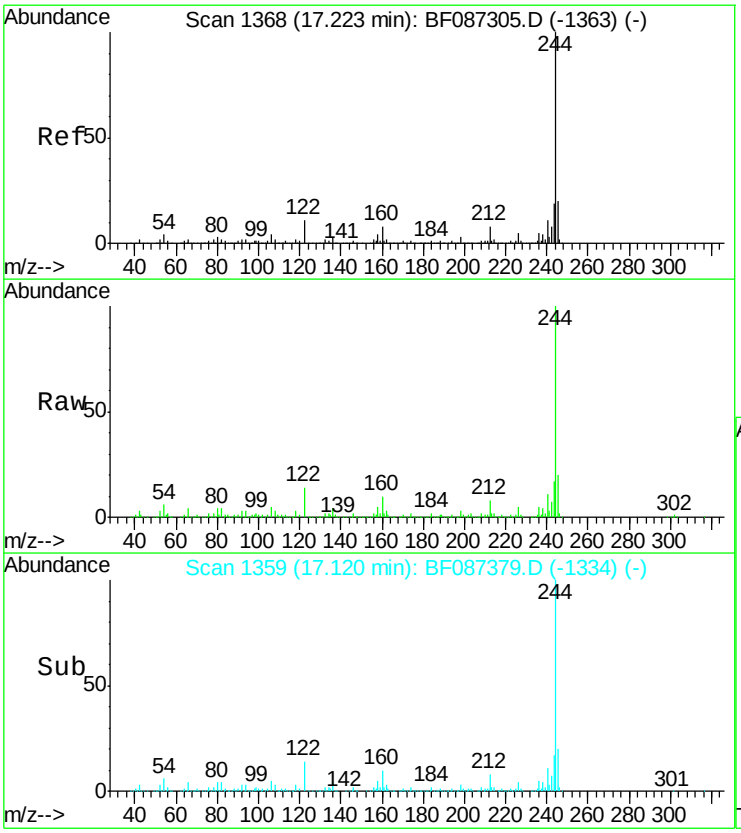
#77
Pyrene
Concen: 19.93 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tgt Ion:202 Resp: 317109

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	20.9	14.2	21.4

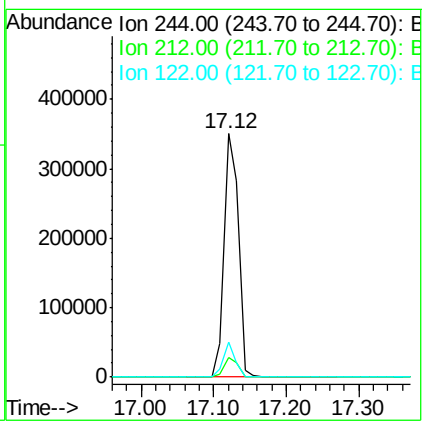


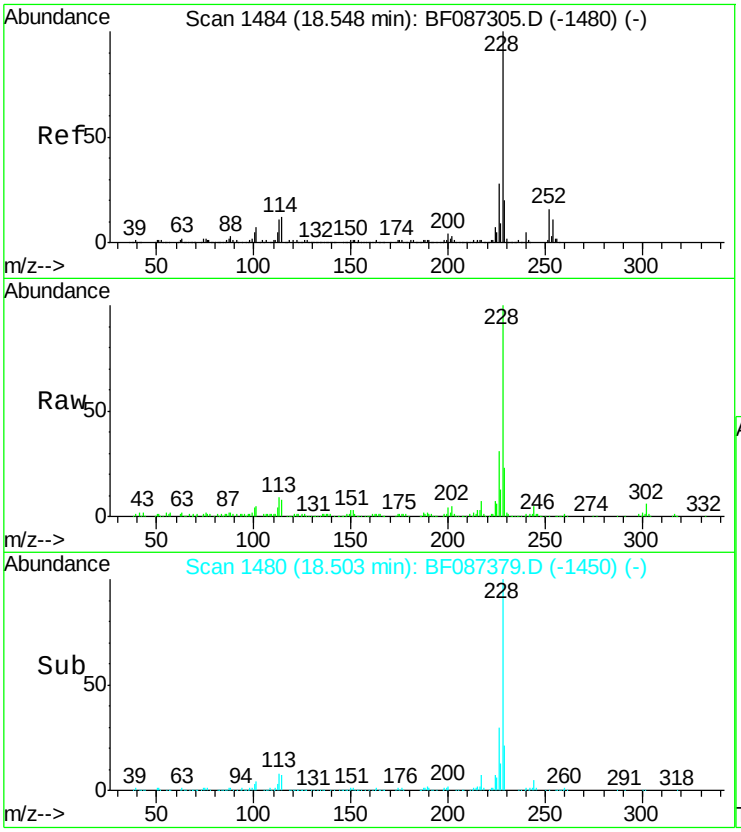


#78
Terphenyl-d14
Concen: 45.99 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion:244 Resp: 478140

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	14.5	12.0	18.0



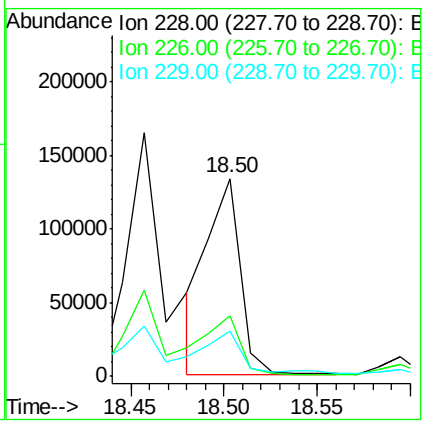


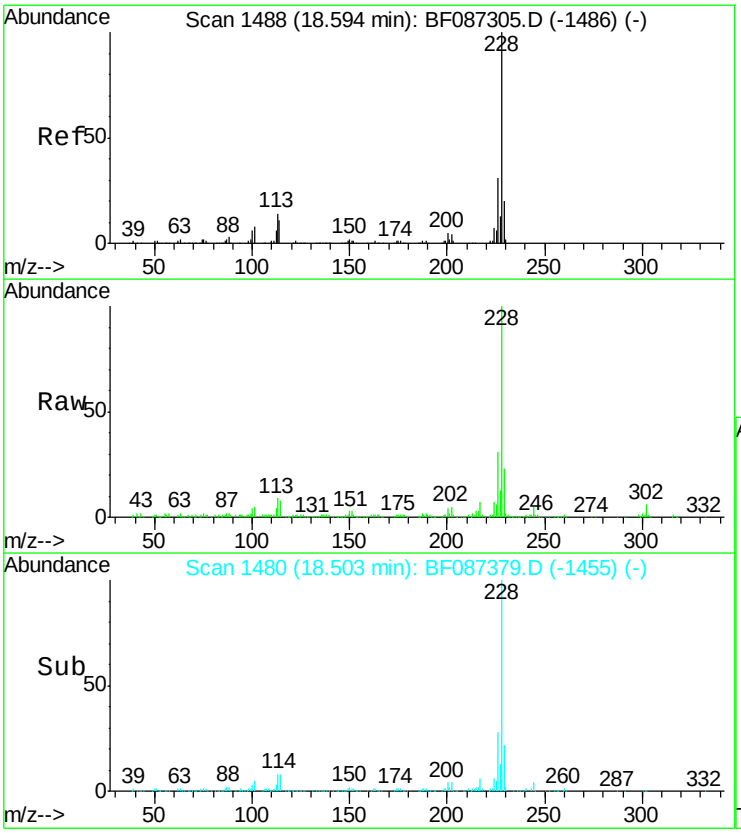
#80
Benzo(a)anthracene
Concen: 13.46 ng
RT: 18.50 min Scan# 1480
Delta R.T. 0.05 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tgt Ion:228 Resp: 169218

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.5	33.7
229	22.6	16.6	25.0

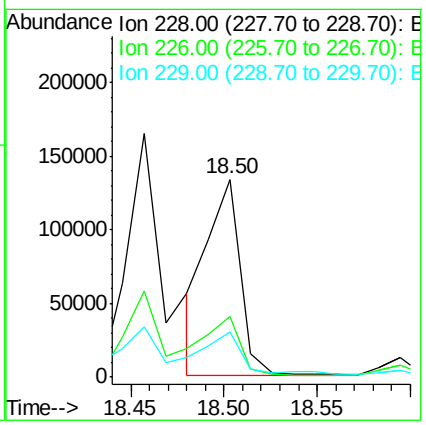


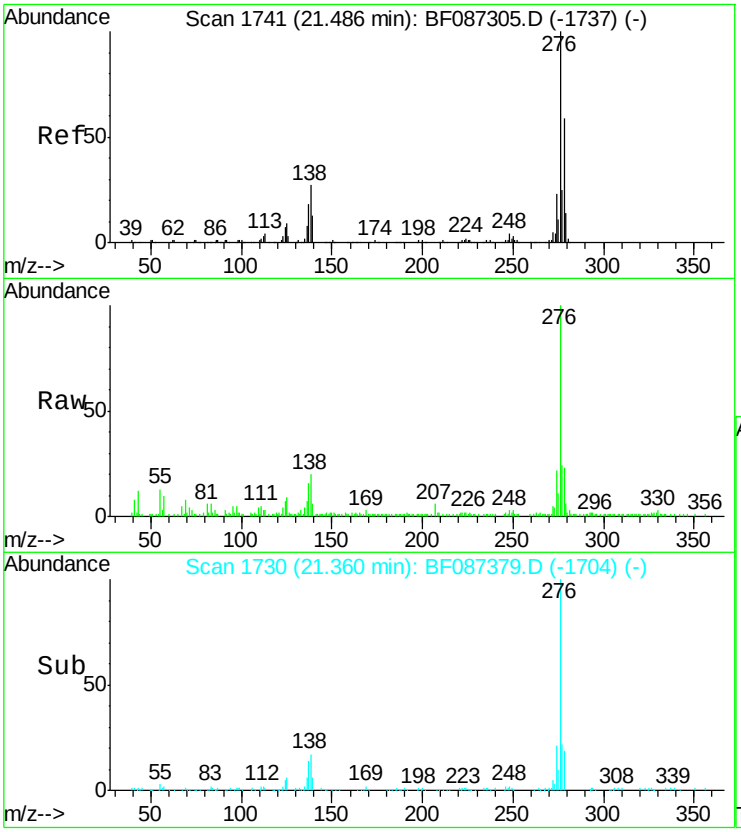


#82
Chrysene
Concen: 13.56 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion:228 Resp: 169218

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	22.6	15.8	23.8



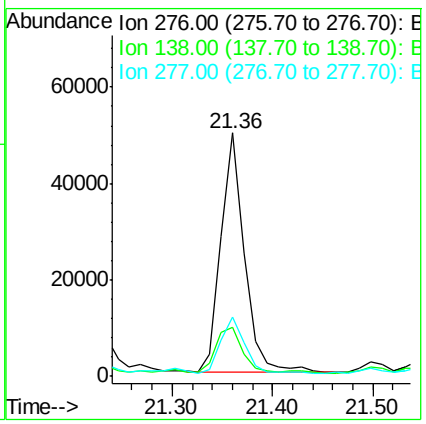


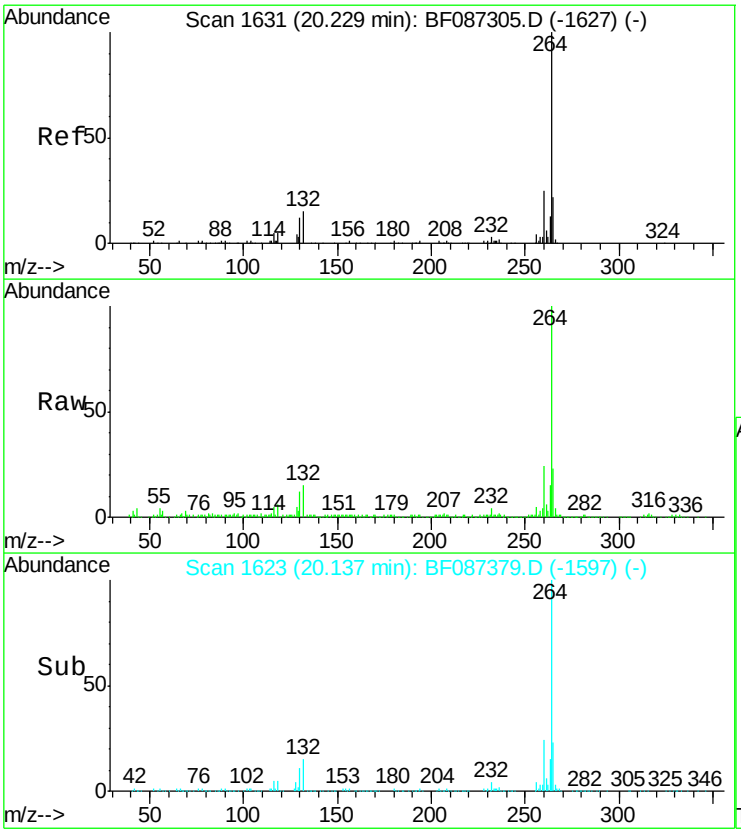
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.12 ng
RT: 21.36 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tgt Ion:276 Resp: 81189

Ion	Ratio	Lower	Upper
276	100		
138	20.8	25.6	38.4#
277	23.8	20.5	30.7

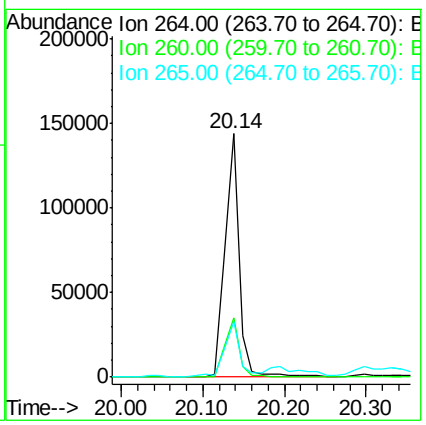


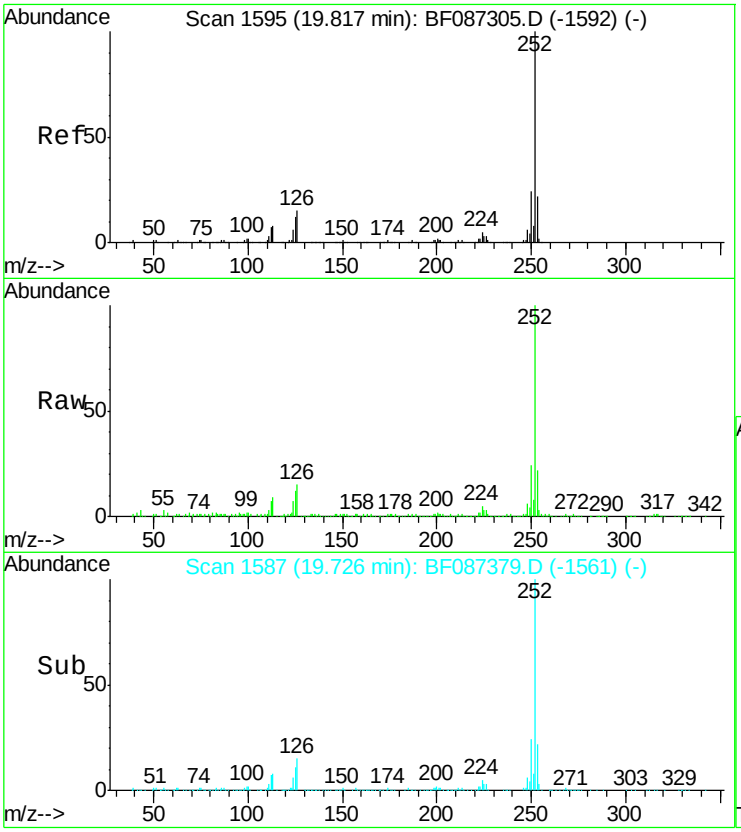


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion:264 Resp: 173134

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.9	17.3	25.9



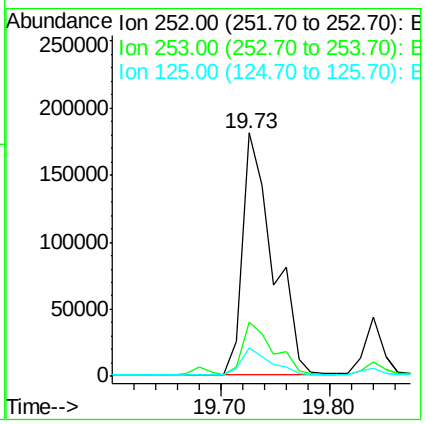


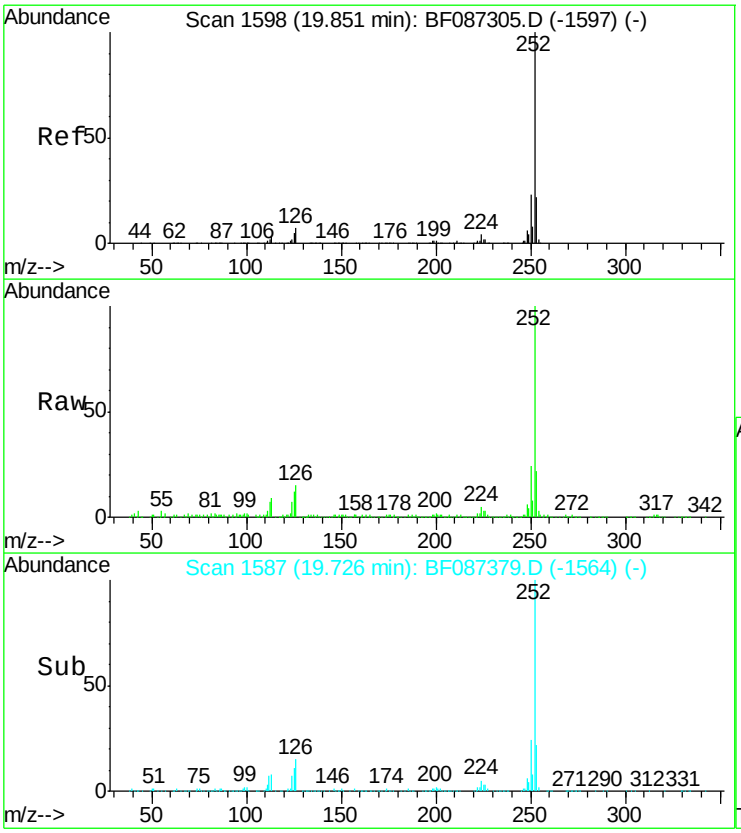
#87
Benzo(b)fluoranthene
Concen: 31.84 ng
RT: 19.73 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tgt Ion:252 Resp: 351154

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.8	11.4	17.0

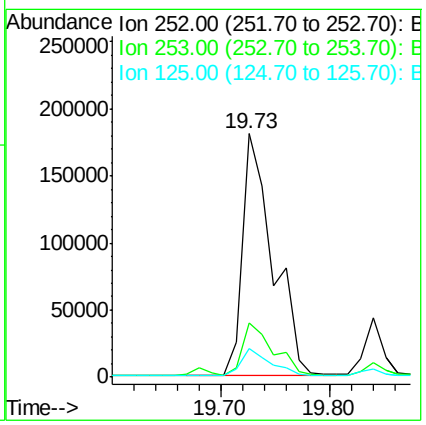


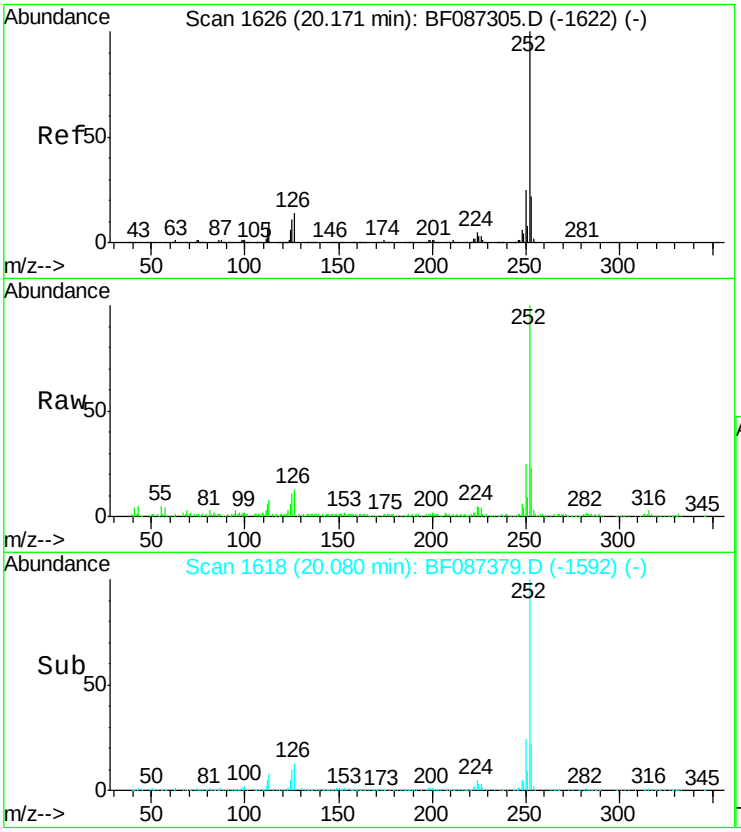


#88
Benzo(k)fluoranthene
Concen: 36.99 ng
RT: 19.73 min Scan# 1587
Delta R.T. -0.03 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion:252 Resp: 351154

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.8	9.1	13.7



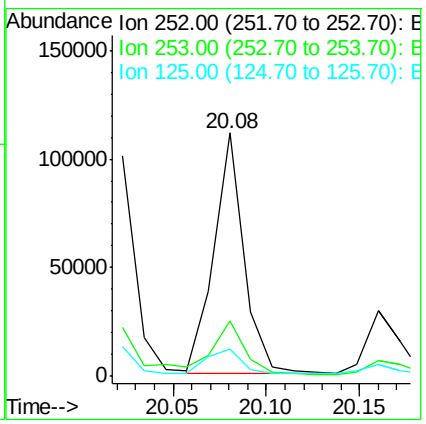


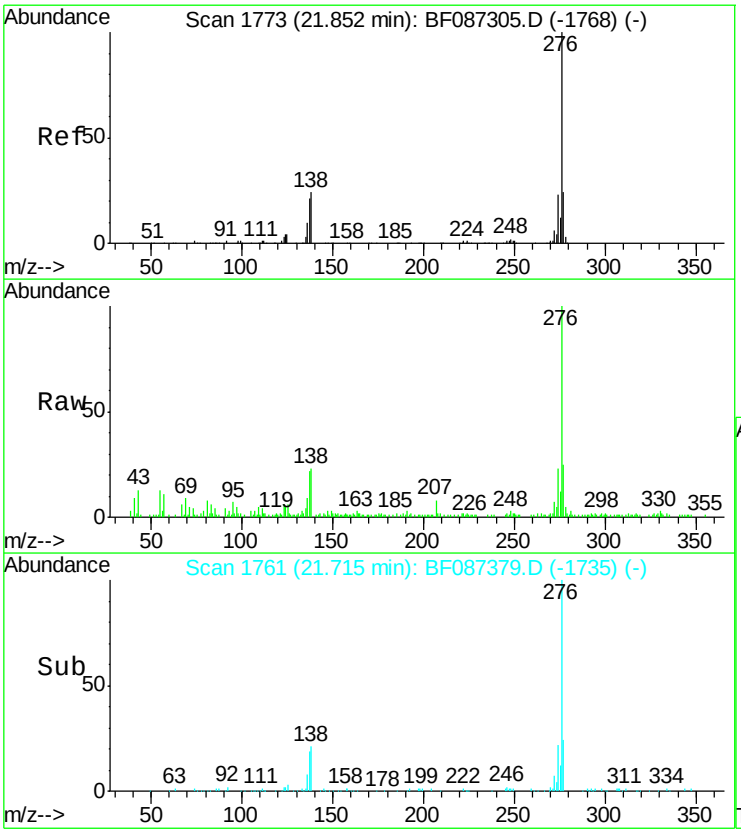
#89
Benzo(a)pyrene
Concen: 13.07 ng
RT: 20.08 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tgt Ion:252 Resp: 124647

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	11.0	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 8.22 ng
RT: 21.71 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF087379.D
Acq: 25 May 2016 19:01

Tgt Ion:276 Resp: 65965

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.6	29.4
138	23.3	23.6	35.4#