Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085521.D
Acq On : 18 Mar 2016 6:12
Operator : UM/SJ
Sample : H1776-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-12(0.5-3.5)

Quant Time: Mar 18 06:47:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	132086	20.00	ng		-0.05
21) Naphthalene-d8	8.16	136	547362	20.00	ng		-0.05
38) Acenaphthene-d10	9.91	164	225016	20.00	ng		-0.05
63) Phenanthrene-d10	11.40	188	403643	20.00	ng		-0.05
75) Chrysene-d12	14.04	240	281905	20.00	ng		-0.05
86) Perylene-d12	15.47	264	259350	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1157327	150.61	ng		-0.03
7) Phenol-d6	6.52	99	1598149	160.34	ng		-0.03
23) Nitrobenzene-d5	7.44	82	886068	95.71	ng		-0.05
41) 2,4,6-Tribromophenol	10.71	330	350076	168.91	ng		-0.05
44) 2-Fluorobiphenyl	9.24	172	1234921	95.21	ng		-0.05
78) Terphenyl-d14	12.99	244	919916	73.82	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	24113	4.33	ng		84
19) n-Nitroso-di-n-propylamine	7.44	70	119775	20.07	ng	#	77
49) Dimethylphthalate	9.64	163	376518	22.93	ng		99
56) 2,4-Dinitrotoluene	9.91	165	27834	6.12	ng	#	22
66) 4-Bromophenyl-phenylether	10.71	248	21964	5.38	ng	#	1
70) Phenanthrene	11.42	178	137879	6.56	ng		97
74) Fluoranthene	12.61	202	301733	15.27	ng		98
77) Pyrene	12.84	202	298922	14.14	ng		98
80) Benzo(a)anthracene	14.03	228	159530	9.87	ng		99
82) Chrysene	14.06	228	99071	6.81	ng		98
87) Benzo(b)fluoranthene	15.05	252	209615	12.38	ng		99
88) Benzo(k)fluoranthene	15.05	252	209615	15.80	ng		100
89) Benzo(a)pyrene	15.41	252	115007	7.86	ng		97
91) Benzo(g,h,i)perylene	17.31	276	64799	4.44	ng		94

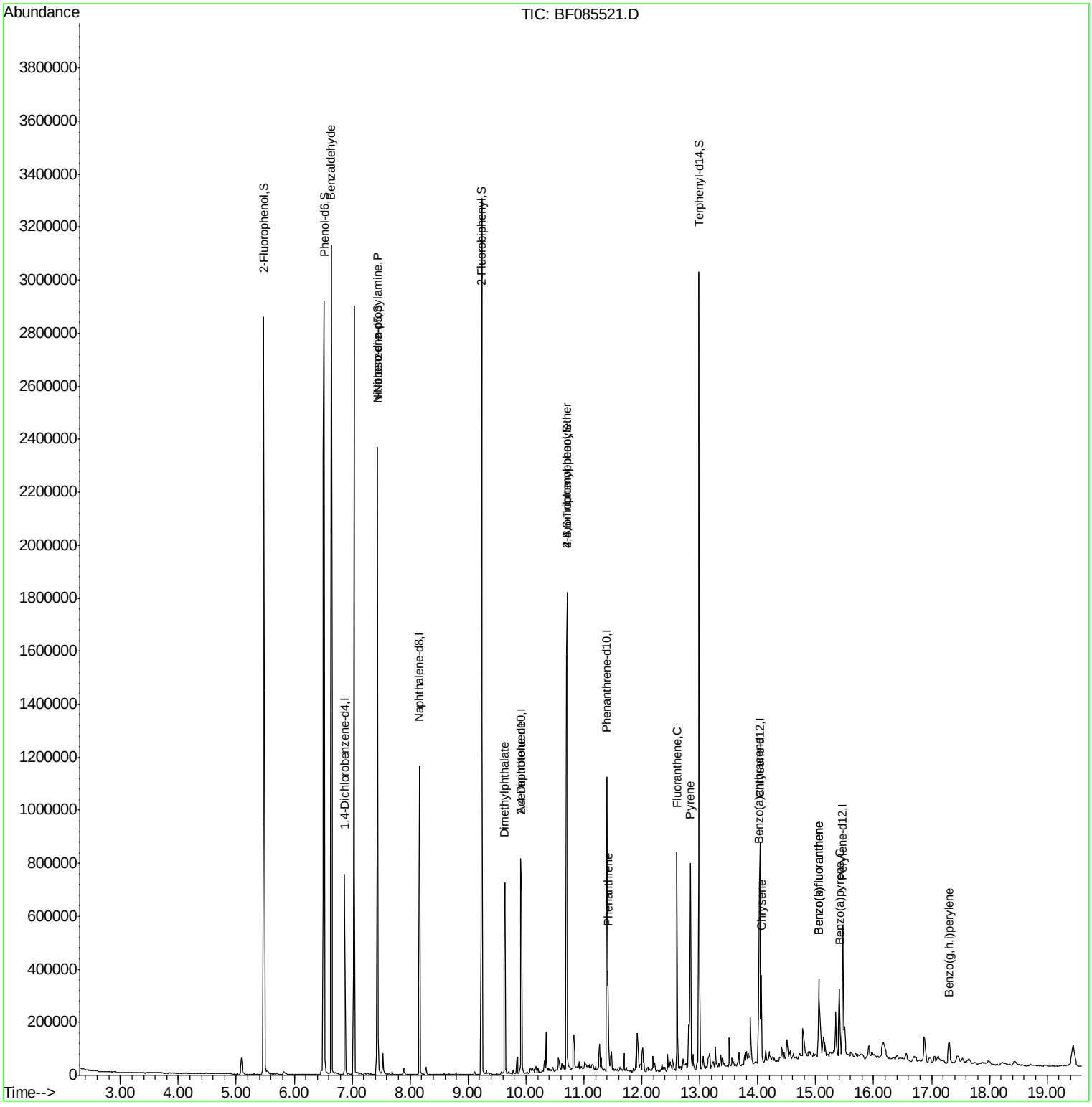
(#) = qualifier out of range (m) = manual integration (+) = signals summed

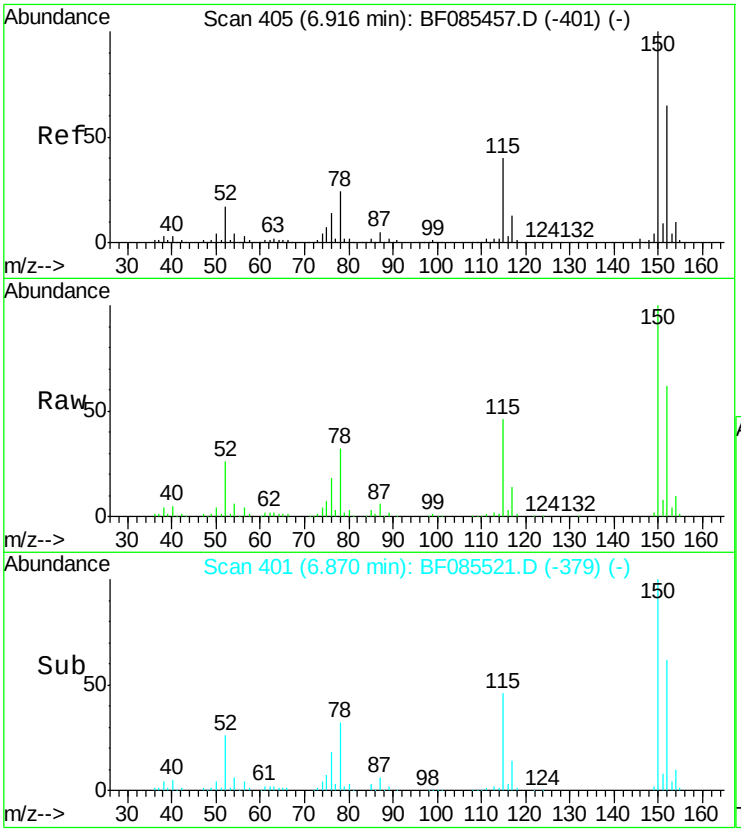
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085521.D
Acq On : 18 Mar 2016 6:12
Operator : UM/SJ
Sample : H1776-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Quant Time: Mar 18 06:47:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration



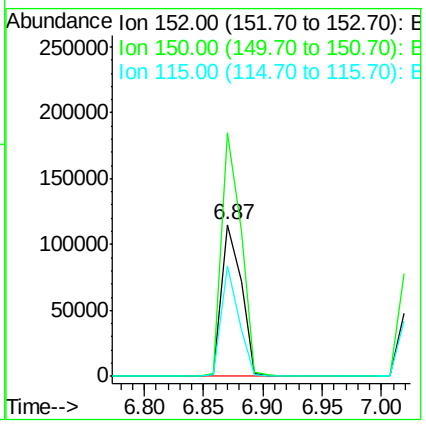


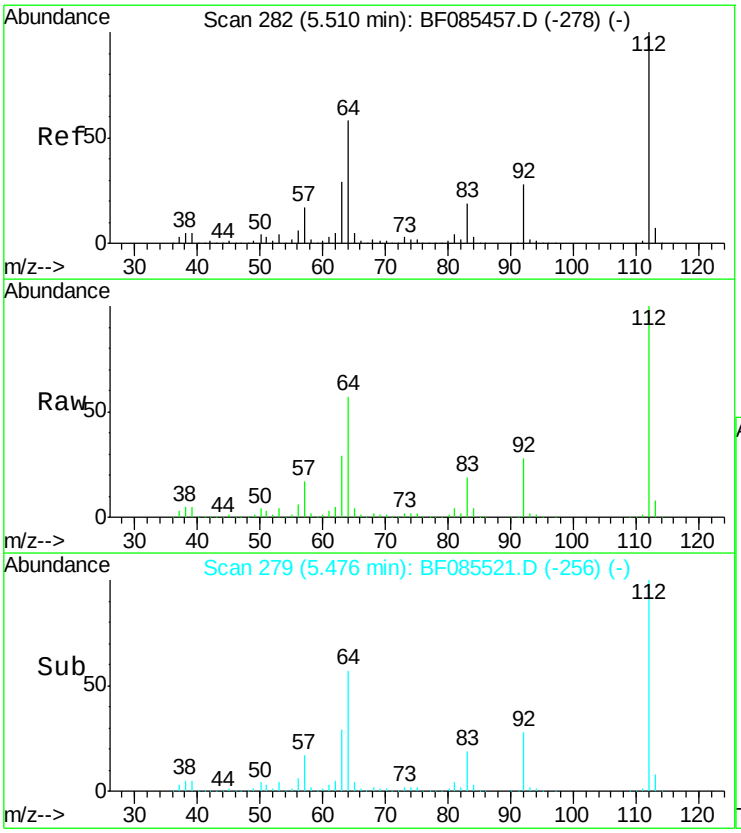
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Tgt Ion:152 Resp: 132086

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	73.3	46.6	70.0#

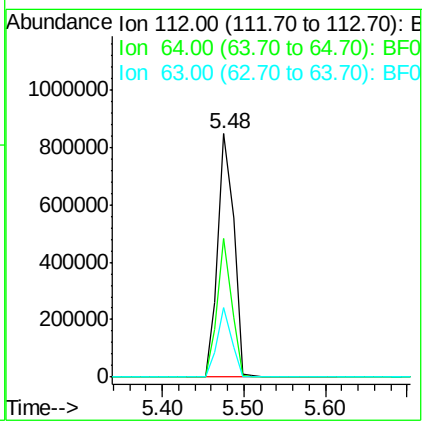


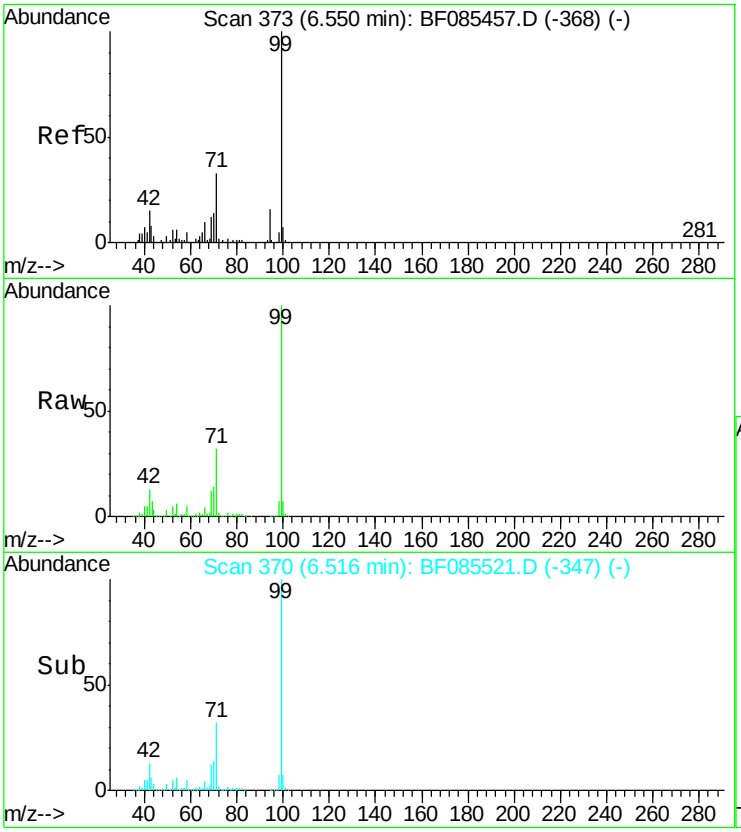


#5
2-Fluorophenol
Concen: 150.61 ng
RT: 5.48 min Scan# 279
Delta R.T. -0.03 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:112 Resp: 1157327

Ion	Ratio	Lower	Upper
112	100		
64	57.0	49.0	73.4
63	28.6	24.8	37.2



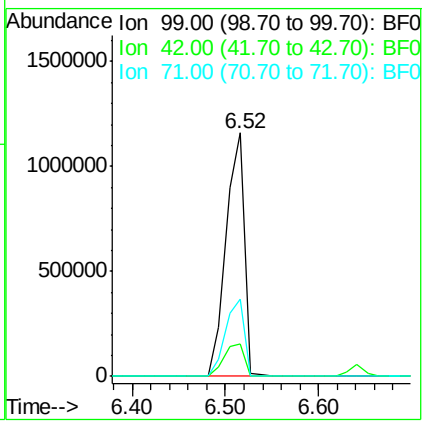


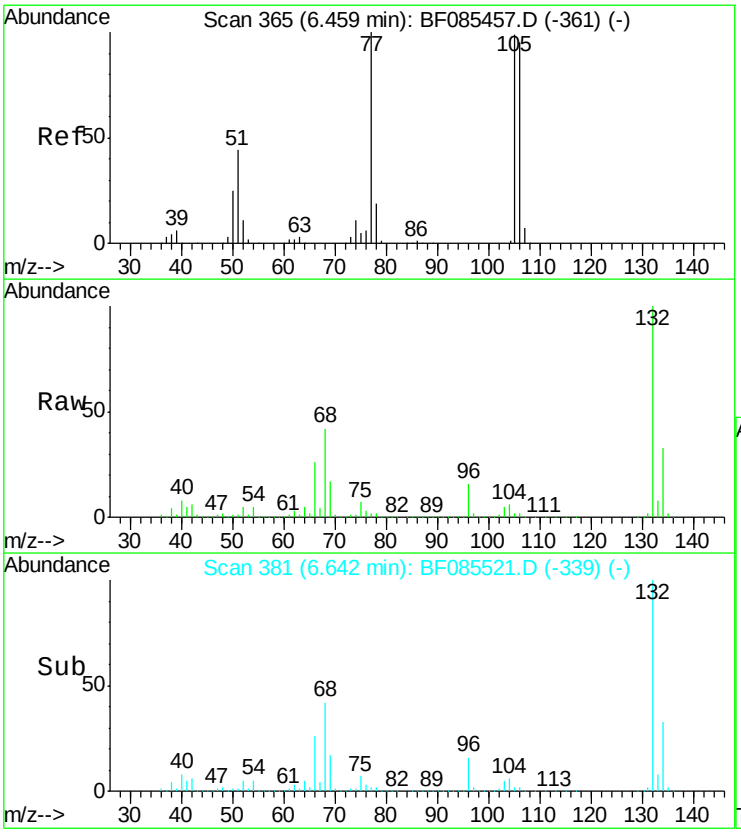
#7
Phenol-d6
Concen: 160.34 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Tgt Ion: 99 Resp: 1598149

Ion	Ratio	Lower	Upper
99	100		
42	13.5	13.6	20.4#
71	31.6	26.7	40.1

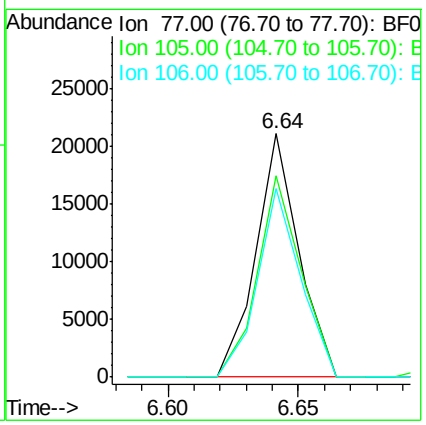


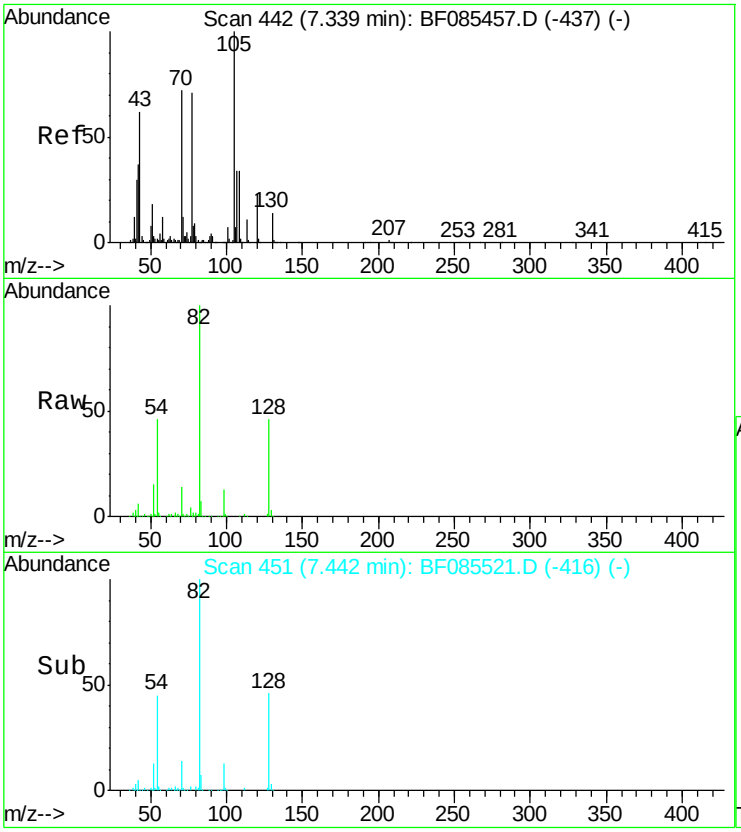


#9
Benzaldehyde
Concen: 4.33 ng
RT: 6.64 min Scan# 381
Delta R.T. 0.18 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion: 77 Resp: 24113

Ion	Ratio	Lower	Upper
77	100		
105	82.6	78.2	118.2
106	77.4	72.9	112.9



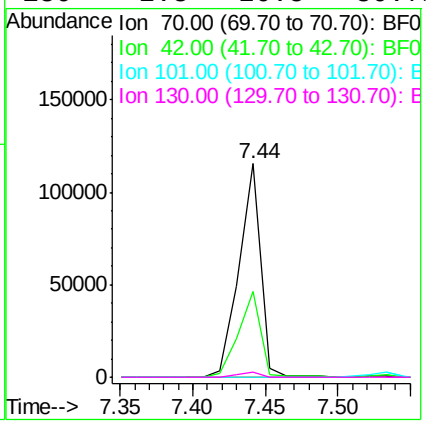


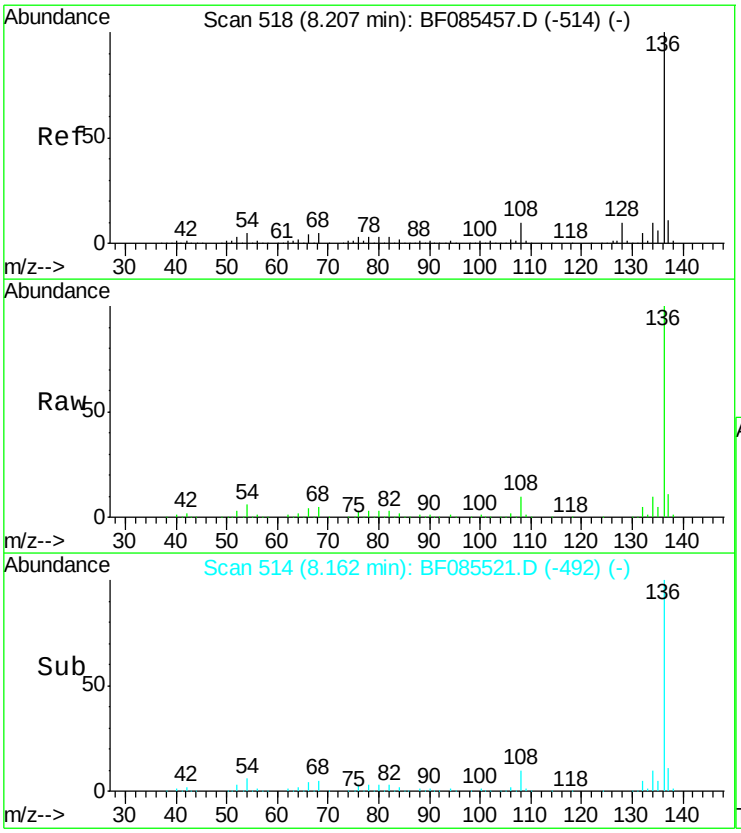
#19
n-Nitroso-di-n-propylamine
Concen: 20.07 ng
RT: 7.44 min Scan# 451
Delta R.T. 0.10 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Tgt Ion: 70 Resp: 119775

Ion	Ratio	Lower	Upper
70	100		
42	40.2	37.7	56.5
101	0.0	8.2	12.4#
130	2.3	20.5	30.7#

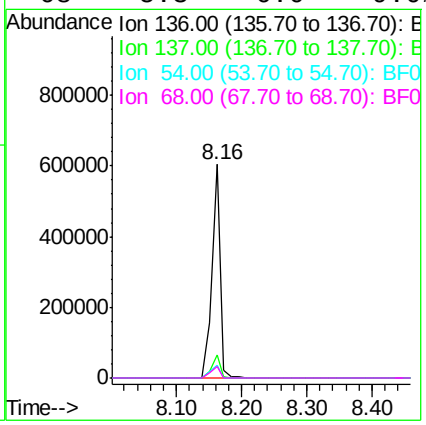


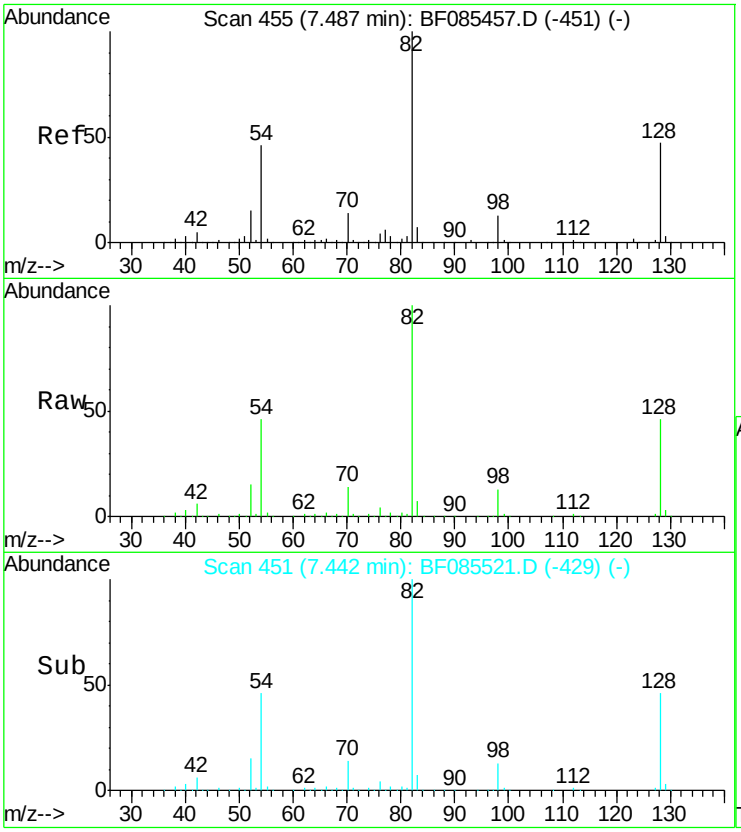


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:136 Resp: 547362

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	6.1	7.4	11.2#
68	5.3	6.0	9.0#



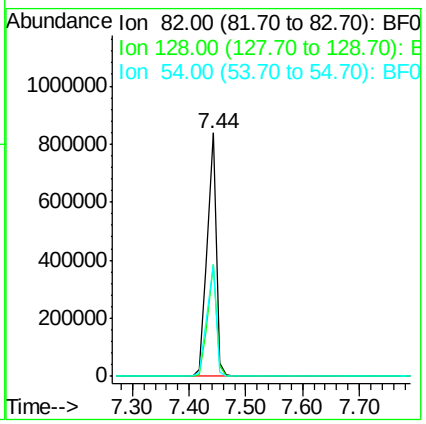


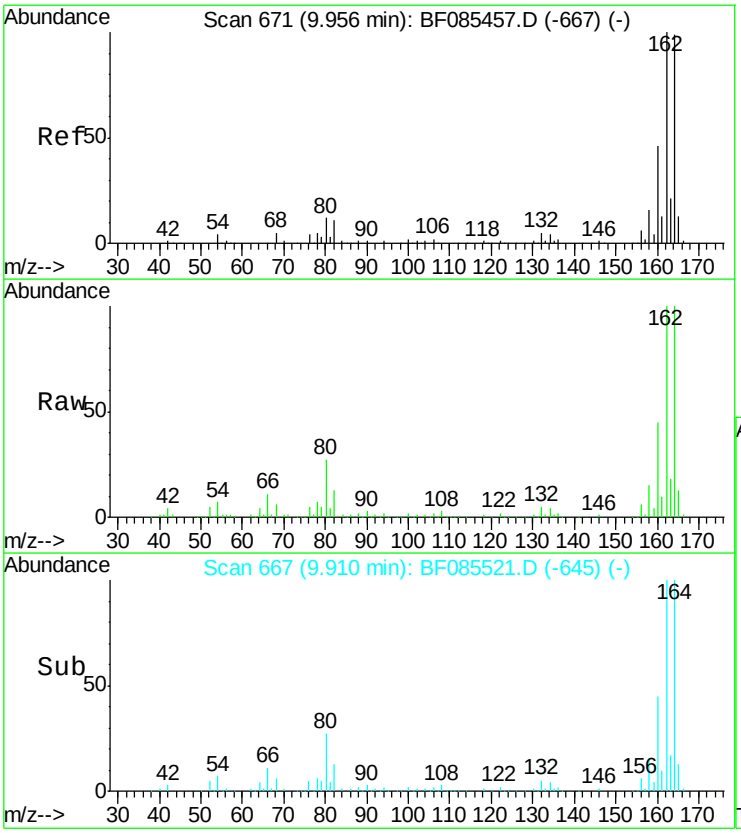
#23
Nitrobenzene-d5
Concen: 95.71 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Tgt Ion: 82 Resp: 886068

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.5	51.7
54	46.0	39.3	58.9

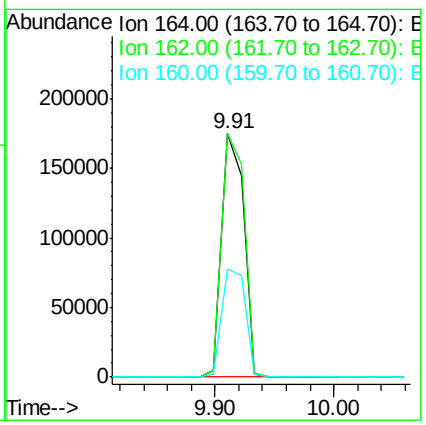


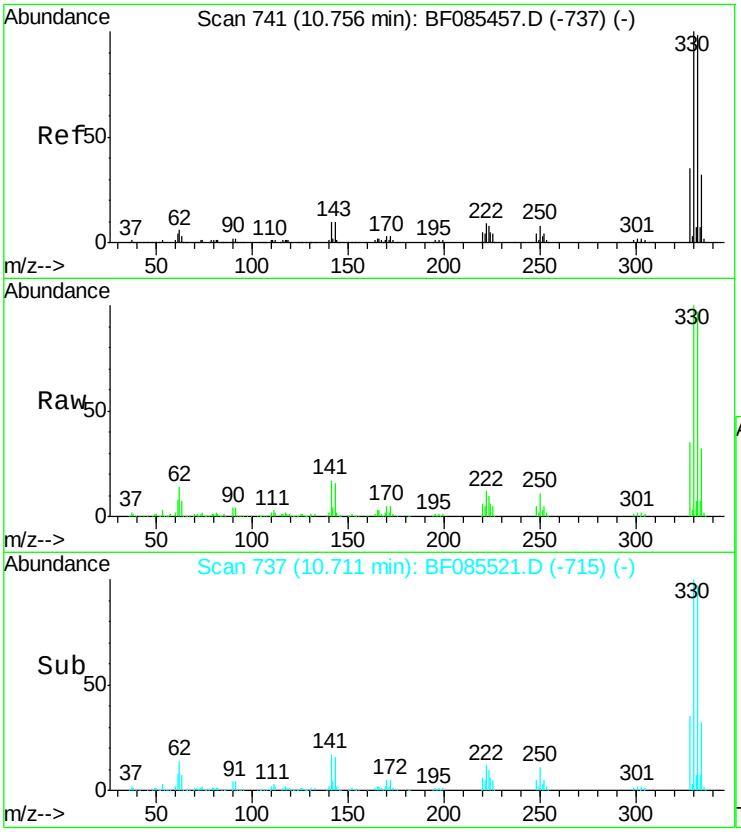


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:164 Resp: 225016

Ion	Ratio	Lower	Upper
164	100		
162	100.1	83.3	124.9
160	44.6	37.9	56.9



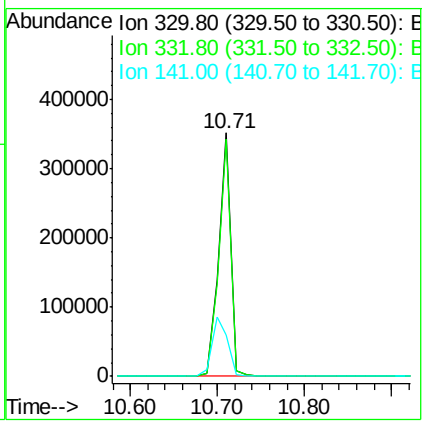


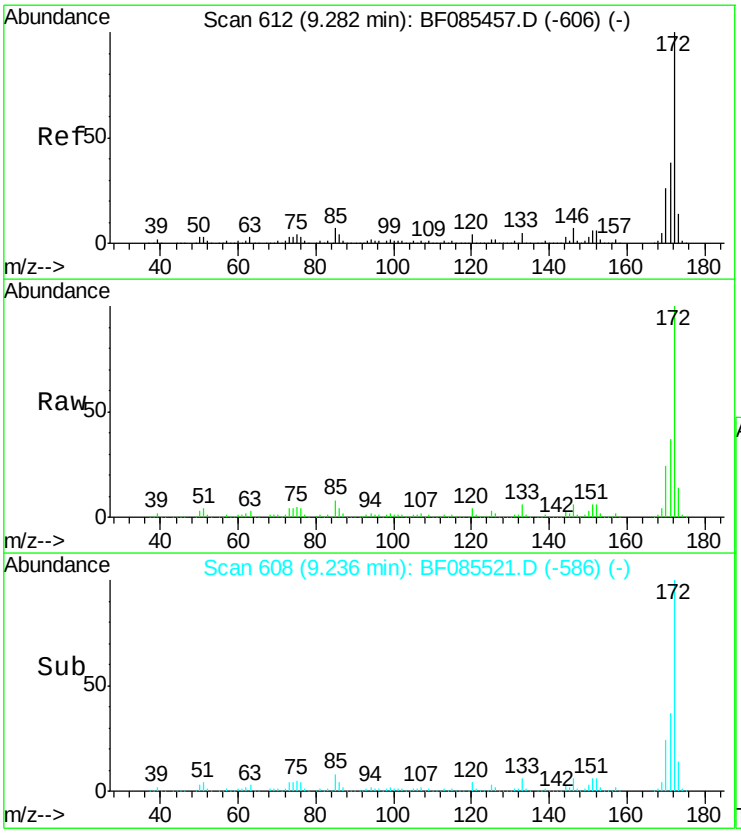
#41
2,4,6-Tribromophenol
Concen: 168.91 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Tgt Ion:330 Resp: 350076

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	31.2	35.0	52.6#

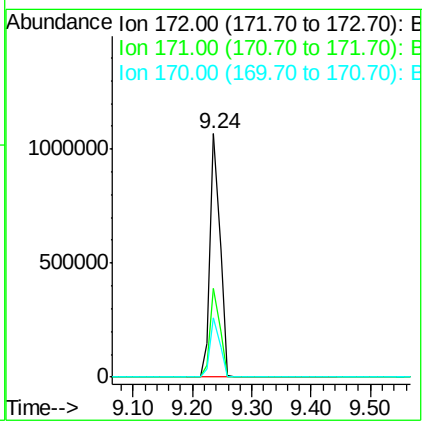


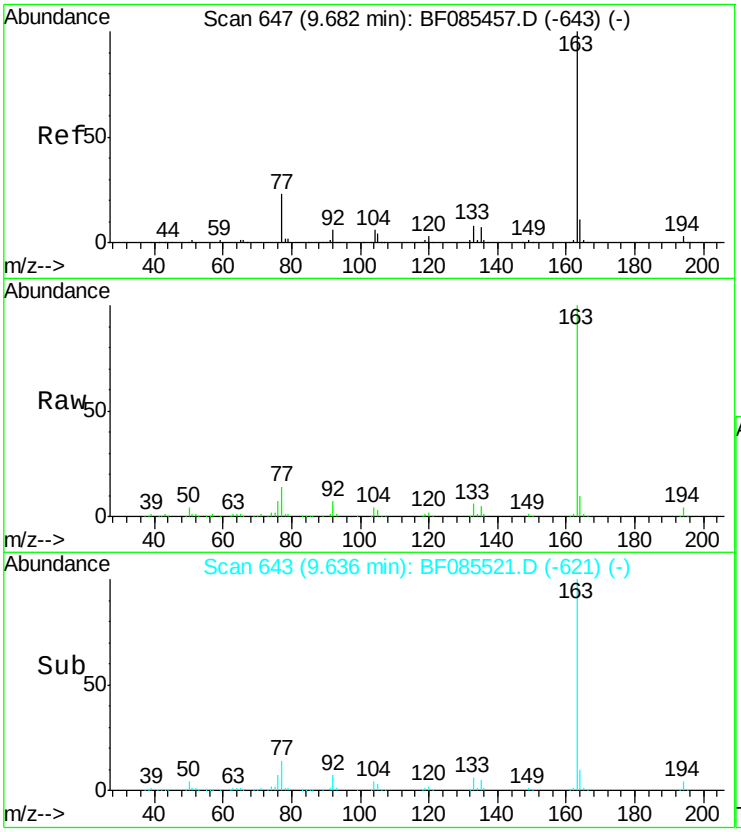


#44
2-Fluorobiphenyl
Concen: 95.21 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:172 Resp: 1234921

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	24.3	20.0	30.0



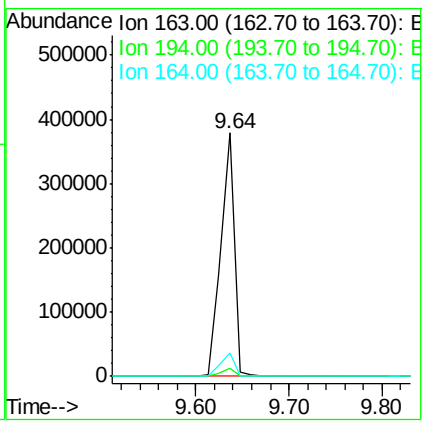


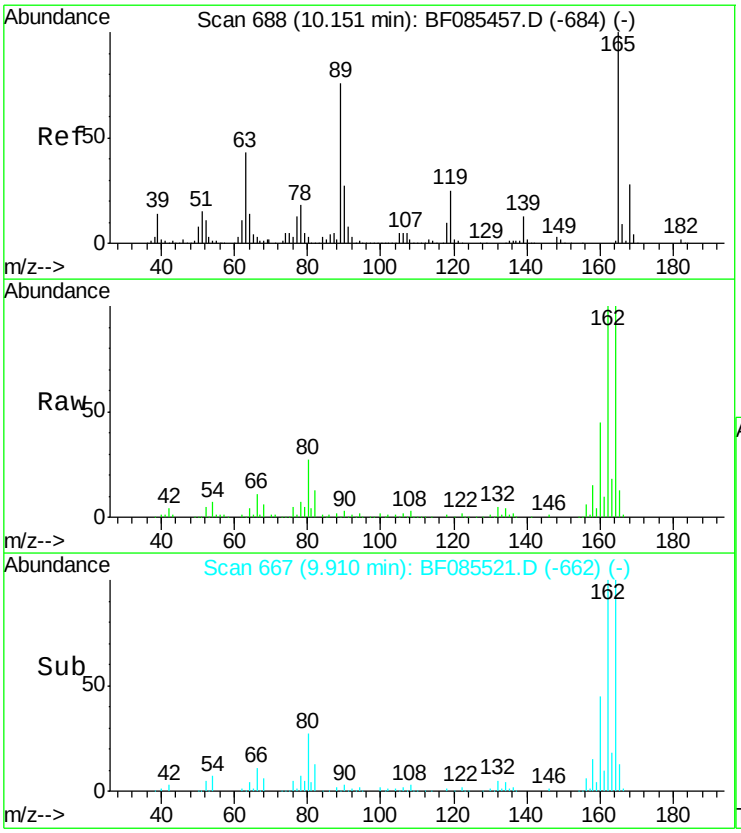
#49
Dimethylphthalate
Concen: 22.93 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Tgt Ion:163 Resp: 376518

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	9.7	8.2	12.4

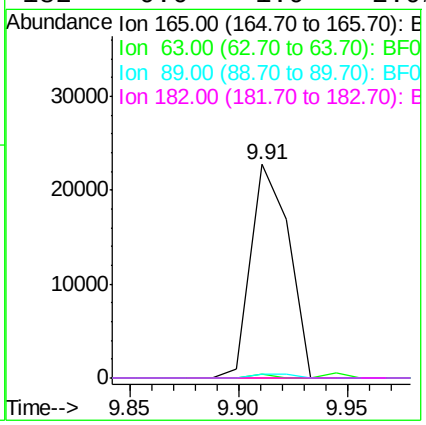


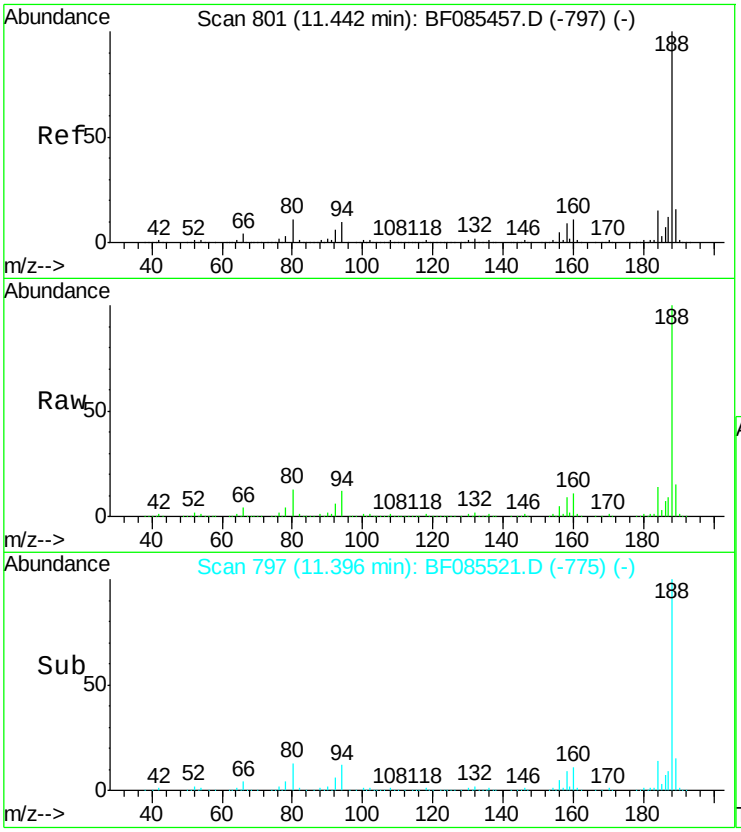


#56
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.24 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:165 Resp: 27834

Ion	Ratio	Lower	Upper
165	100		
63	1.6	35.4	53.0#
89	1.6	61.9	92.9#
182	0.0	1.9	2.9#



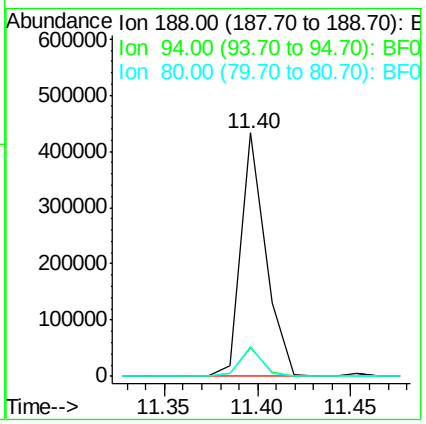


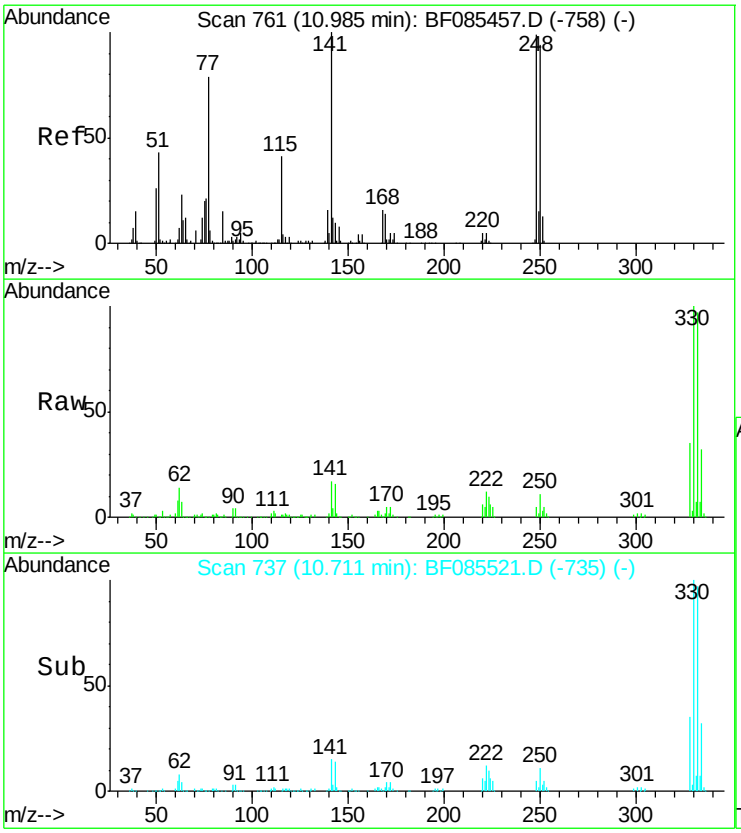
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Tgt Ion:188 Resp: 403643

Ion	Ratio	Lower	Upper
188	100		
94	12.0	7.0	10.6#
80	12.5	7.4	11.0#

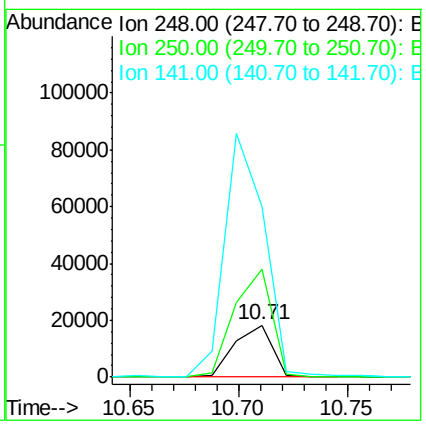


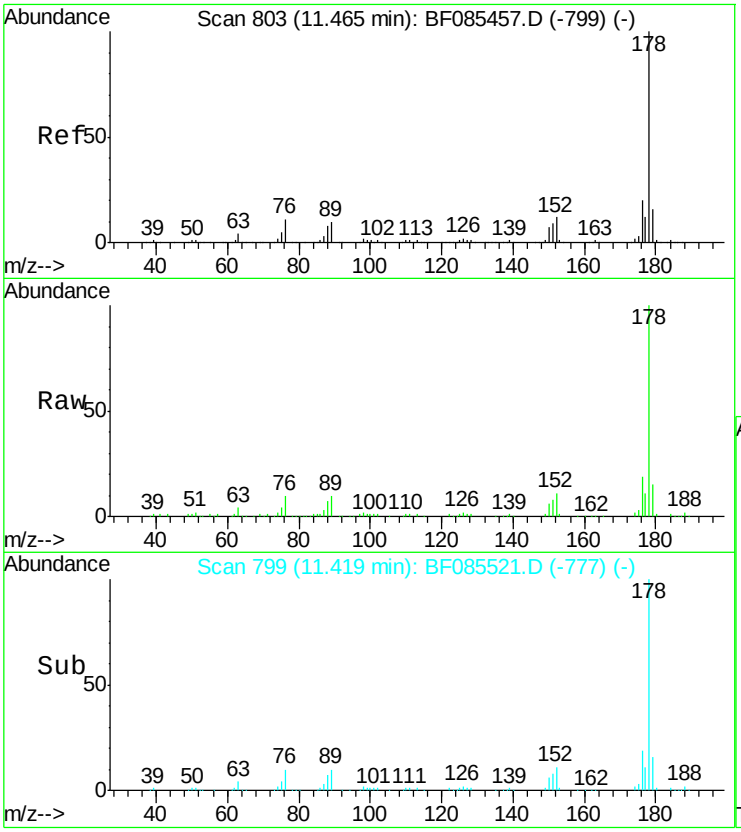


#66
4-Bromophenyl-phenylether
Concen: 5.38 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.27 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:248 Resp: 21964

Ion	Ratio	Lower	Upper
248	100		
250	207.3	77.1	115.7#
141	327.1	66.2	99.2#



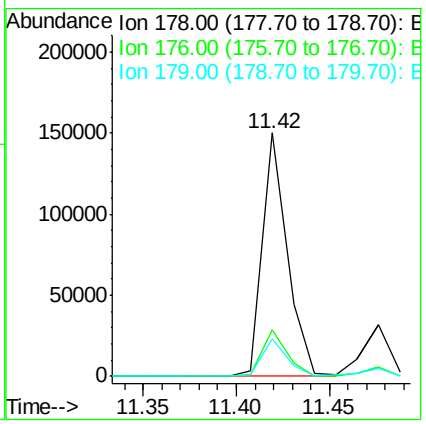


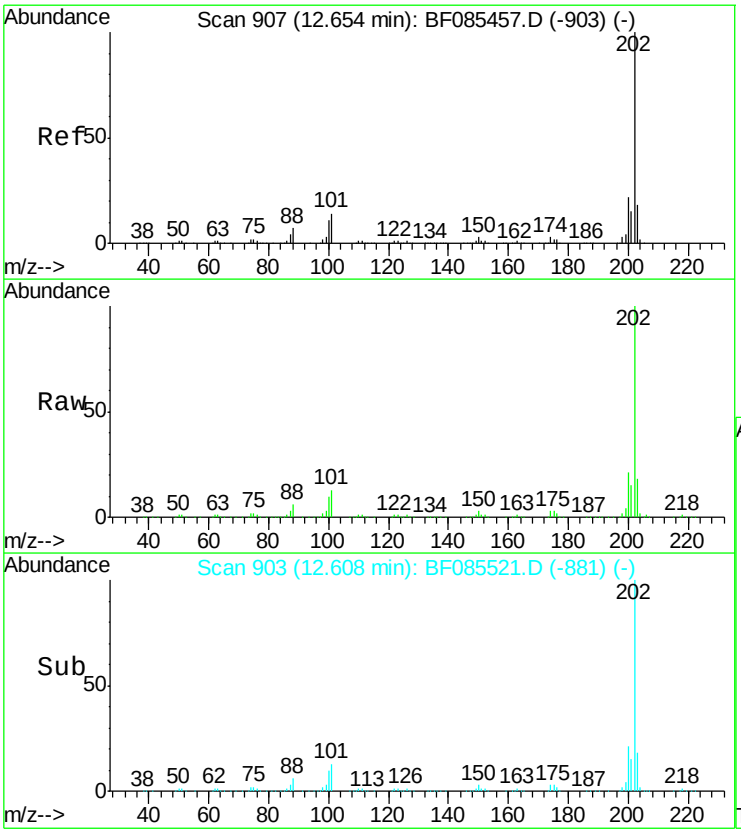
#70
Phenanthrene
Concen: 6.56 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Tgt Ion:178 Resp: 137879

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.8	25.2
179	15.5	13.1	19.7

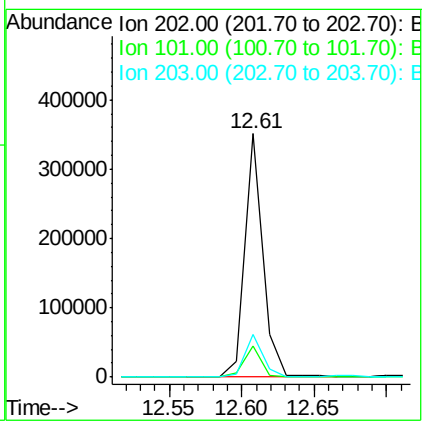


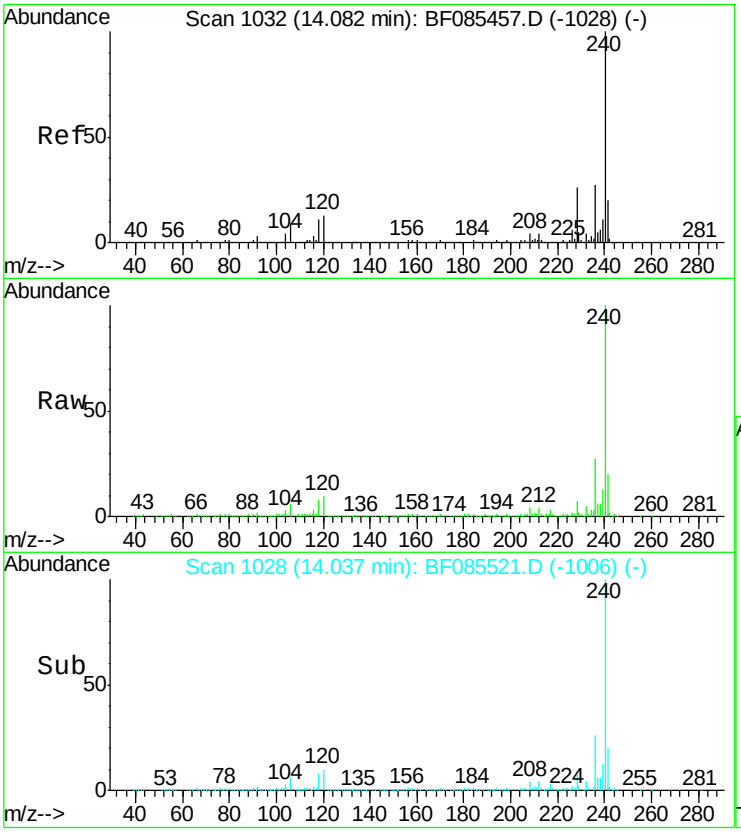


#74
Fluoranthene
Concen: 15.27 ng
RT: 12.61 min Scan# 903
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:202 Resp: 301733

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.8
203	17.5	0.0	38.4



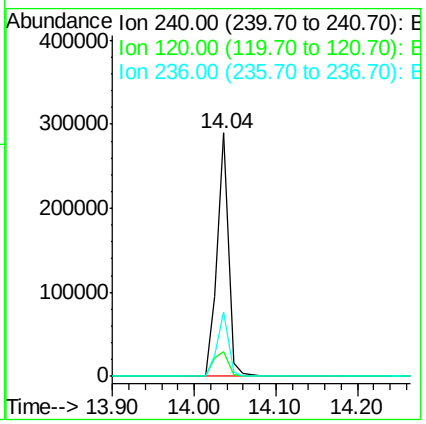


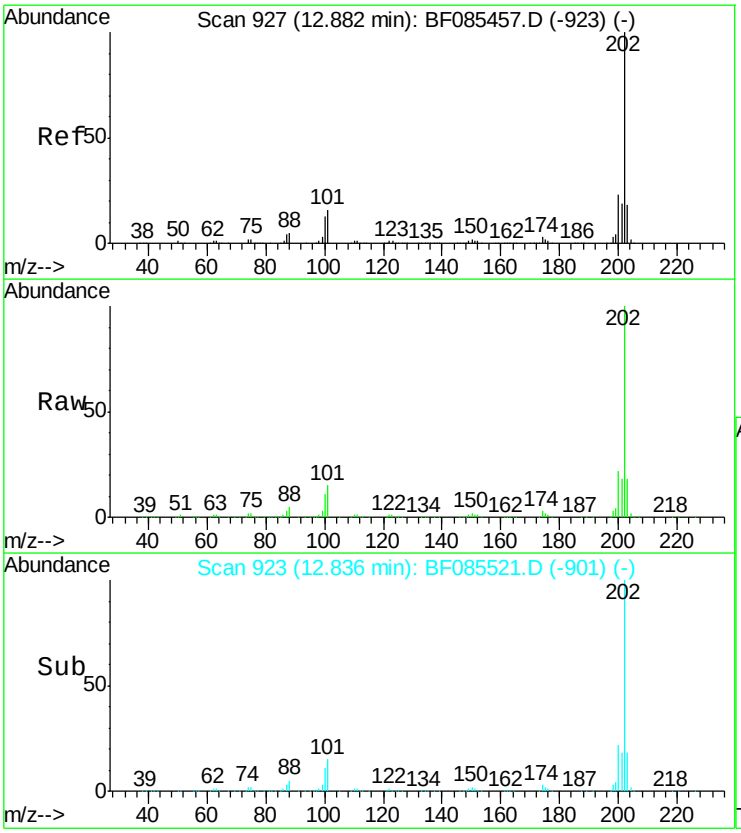
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Tgt Ion:240 Resp: 281905

Ion	Ratio	Lower	Upper
240	100		
120	9.9	5.3	7.9#
236	26.5	20.7	31.1

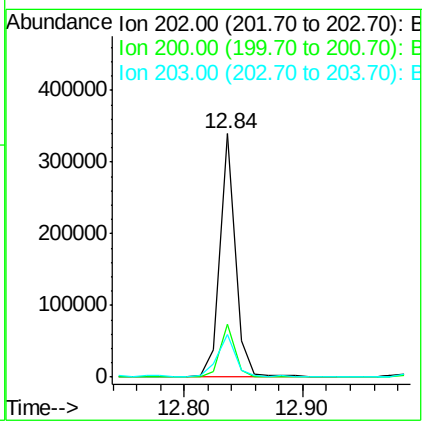


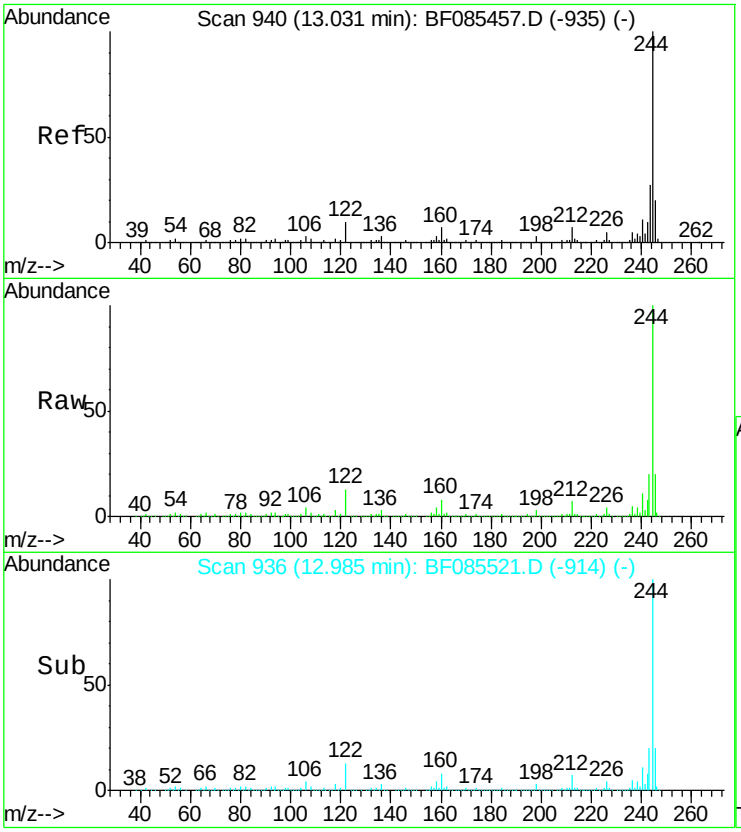


#77
Pyrene
Concen: 14.14 ng
RT: 12.84 min Scan# 923
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:202 Resp: 298922

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.2	27.4
203	17.7	14.7	22.1



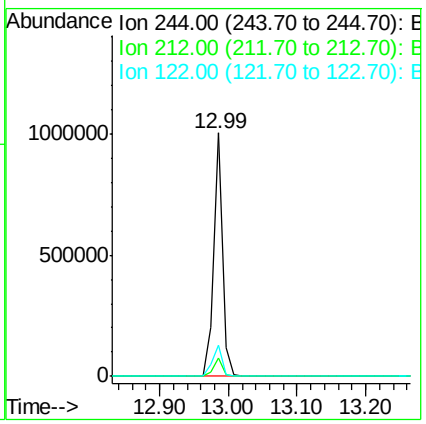


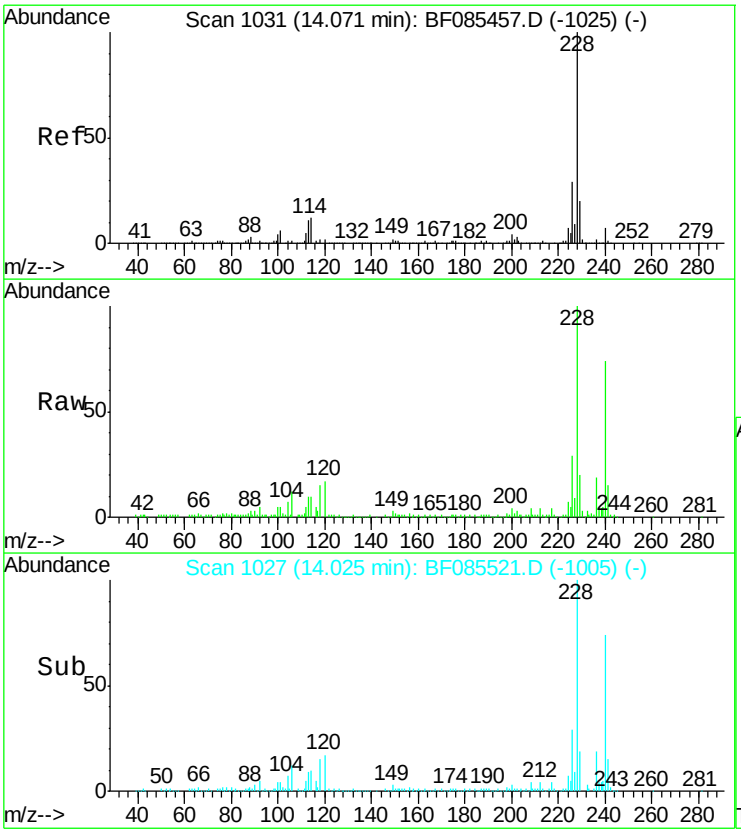
#78
Terphenyl-d14
Concen: 73.82 ng
RT: 12.99 min Scan# 936
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Tgt Ion:244 Resp: 919916

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	12.7	11.4	17.2

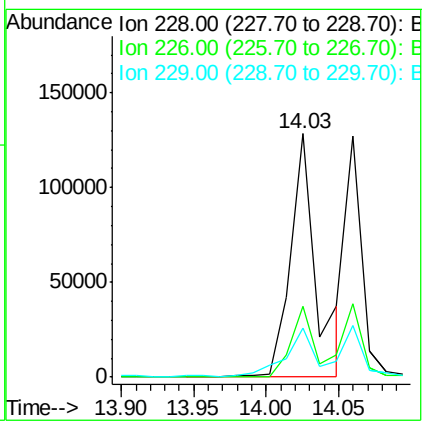


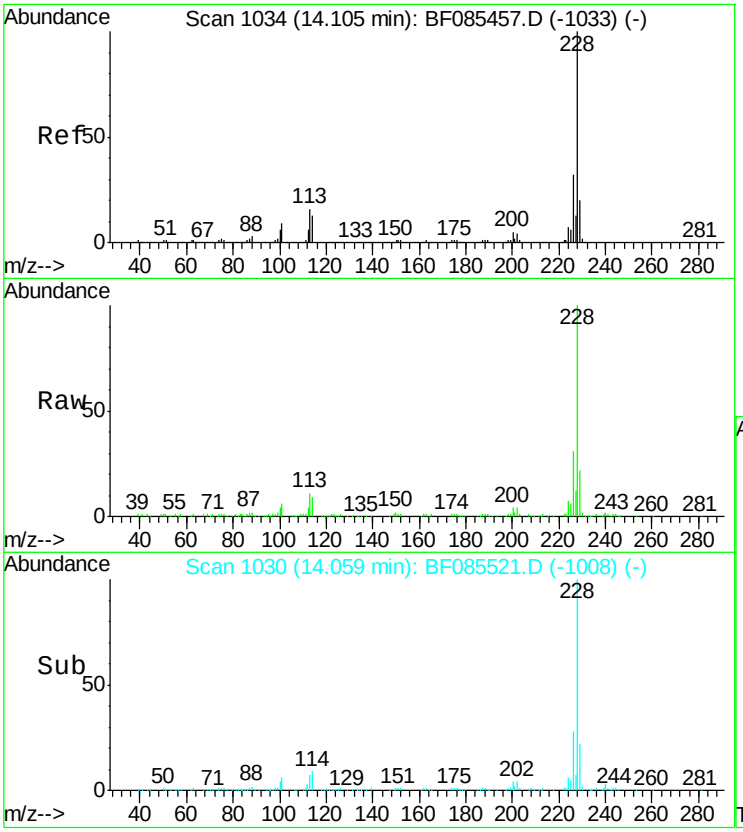


#80
Benzo(a)anthracene
Concen: 9.87 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:228 Resp: 159530

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.8	34.2
229	20.1	16.6	24.8



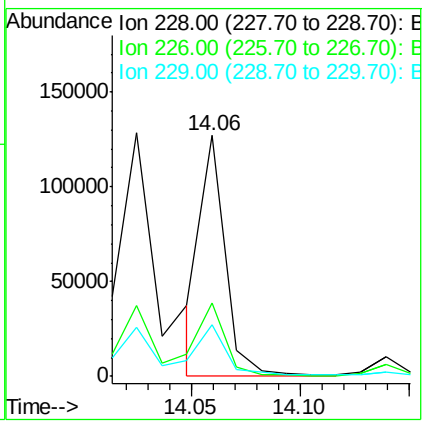


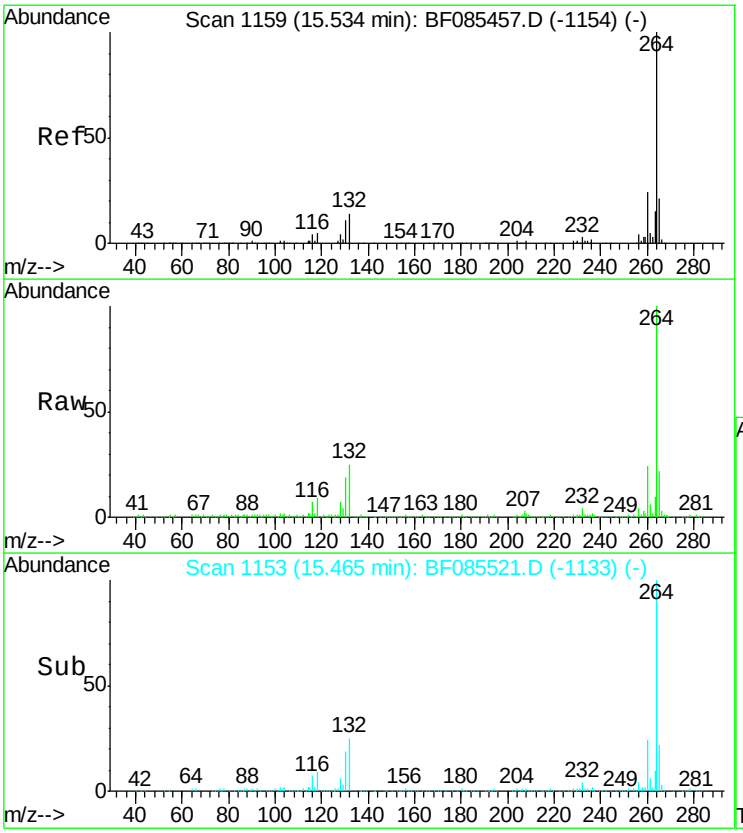
#82
Chrysene
Concen: 6.81 ng
RT: 14.06 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Tgt Ion:228 Resp: 99071

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.2	37.8
229	21.6	16.0	24.0

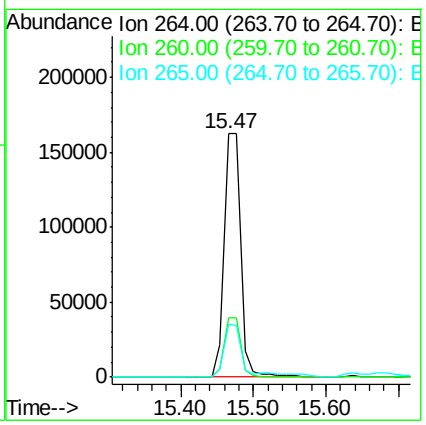


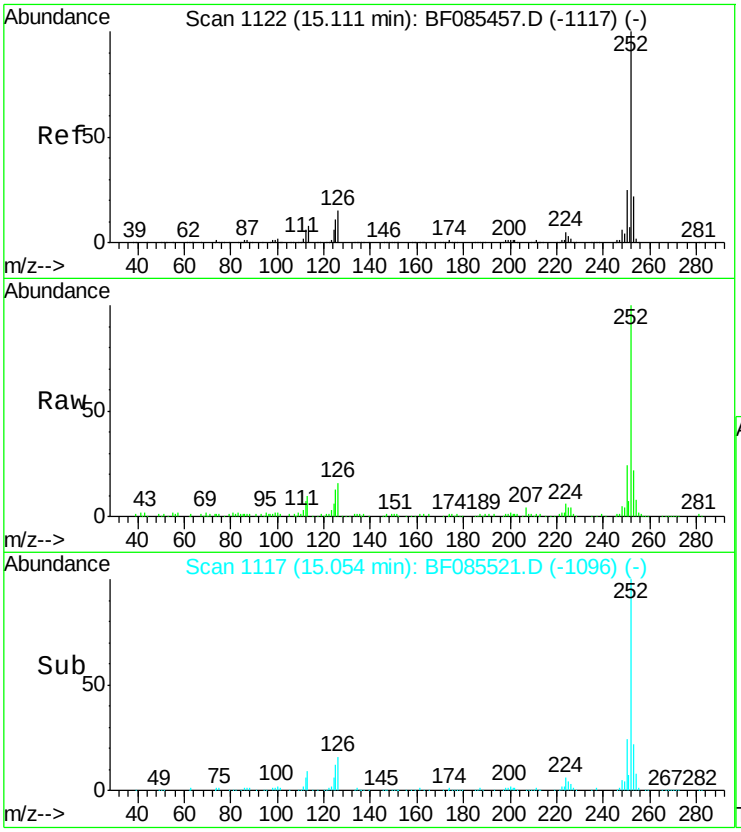


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:264 Resp: 259350

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.3	25.9



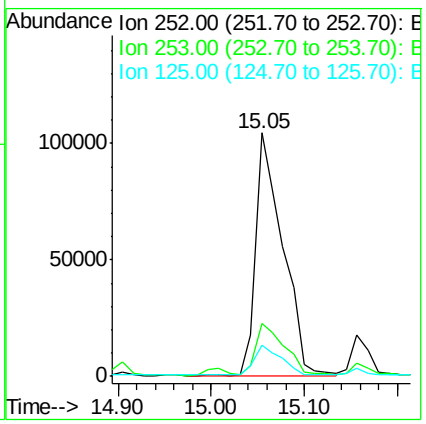


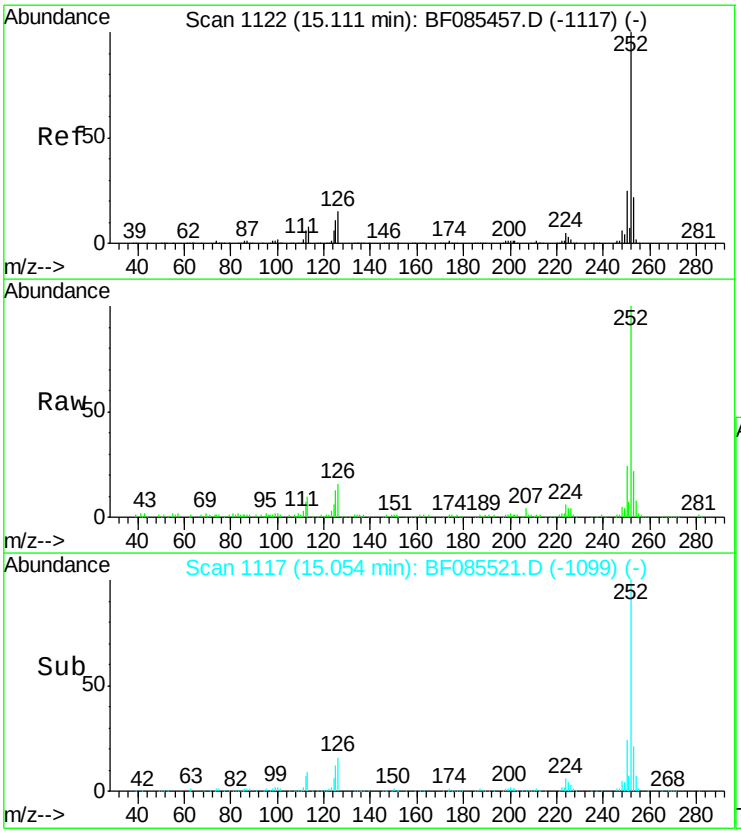
#87
Benzo(b)fluoranthene
Concen: 12.38 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.06 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Tgt Ion:252 Resp: 209615

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	12.9	11.3	16.9

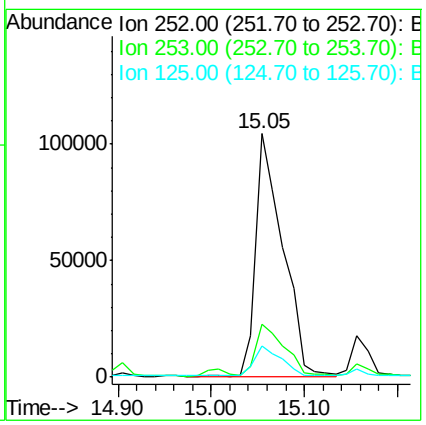


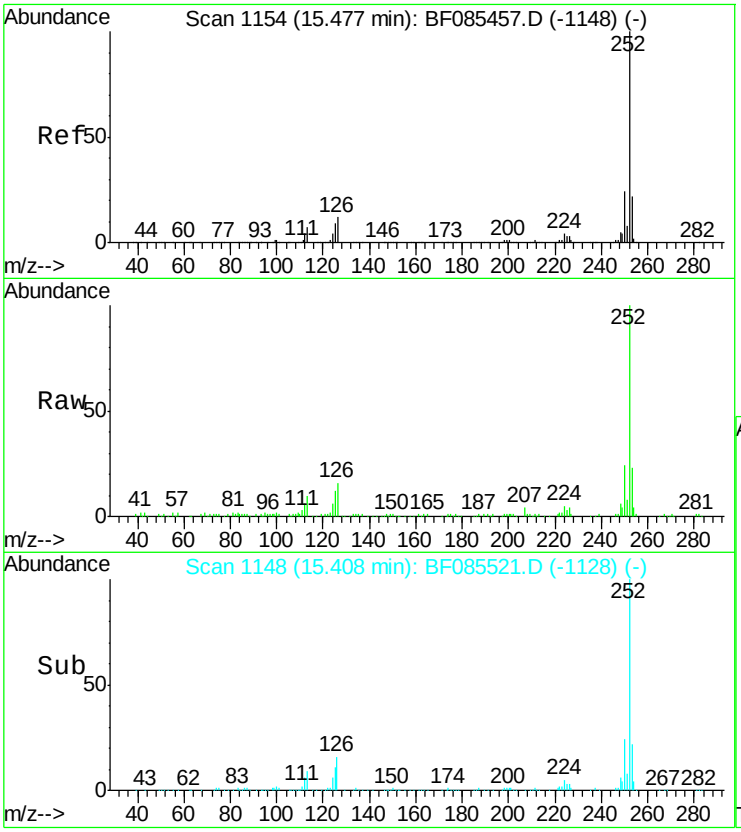


#88
Benzo(k)fluoranthene
Concen: 15.80 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.09 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:252 Resp: 209615

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	12.9	10.4	15.6



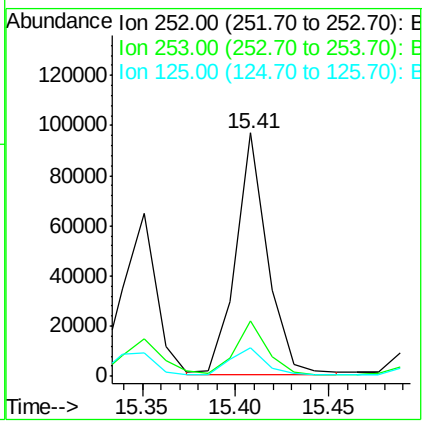


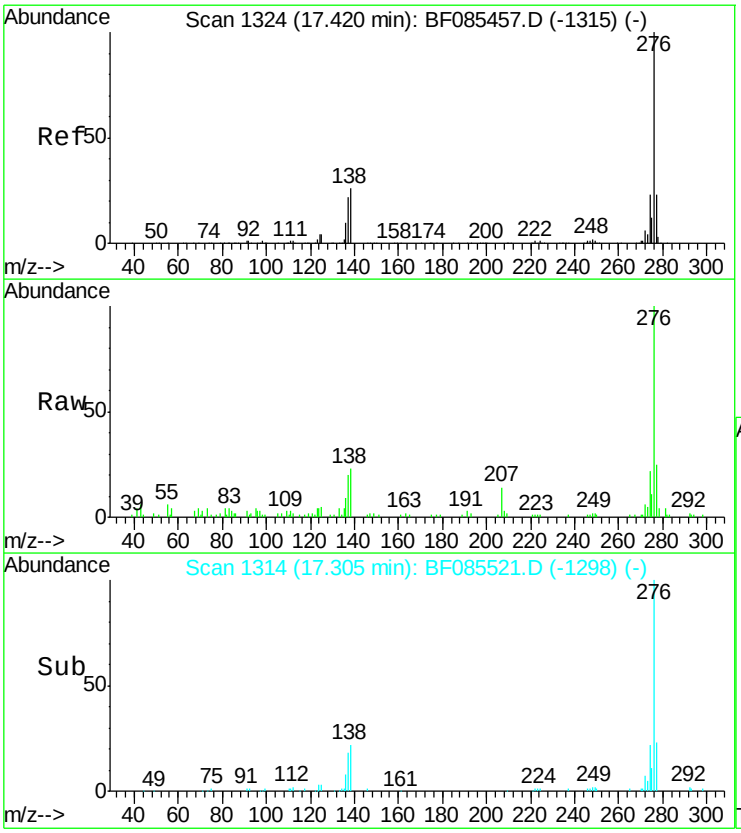
#89
Benzo(a)pyrene
Concen: 7.86 ng
RT: 15.41 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Tgt Ion:252 Resp: 115007

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	11.7	8.2	12.4





#91
Benzo(g,h,i)perylene
Concen: 4.44 ng
RT: 17.31 min Scan# 1314
Delta R.T. -0.11 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:276 Resp: 64799

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.0	28.4
138	23.5	22.5	33.7