Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Time: Mar 17 03:06:48 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	6.90	152	111539	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	469390	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	200850	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	340749	20.00	ng		-0.02
75) Chrysene-d12	14.06	240	203354	20.00	ng		-0.02
86) Perylene-d12	15.50	264	214031	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	941047	145.03	ng		-0.01
7) Phenol-d6	6.53	99	1140901	135.55	ng		-0.02
23) Nitrobenzene-d5	7.46	82	739830	93.19	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	276174	149.29	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	1153796	99.66	ng		-0.02
78) Terphenyl-d14	13.01	244	776010	86.33	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	19854	4.22	ng		82
19) n-Nitroso-di-n-propylamine	7.46	70	99351	19.71	ng	#	77
25) Isophorone	7.46	82	567347	35.05	ng	#	67
49) Dimethylphthalate	9.66	163	248478	16.96	ng		99
56) 2,4-Dinitrotoluene	9.94	165	25421	6.26	ng	#	21
66) 4-Bromophenyl-phenylether	10.73	248	18434	5.35	ng	#	1
70) Phenanthrene	11.44	178	51055	2.88	ng		98
74) Fluoranthene	12.63	202	82062	4.92	ng		96
77) Pyrene	12.86	202	68513	4.49	ng		97
80) Benzo(a)anthracene	14.05	228	29818	2.56	ng		99
87) Benzo(b)fluoranthene	15.09	252	47405	3.39	ng		97
88) Benzo(k)fluoranthene	15.09	252	47405	4.33	ng		96
89) Benzo(a)pyrene	15.44	252	25579	2.12	ng	#	93
91) Benzo(g,h,i)perylene	17.36	276	25212	2.09	ng		98

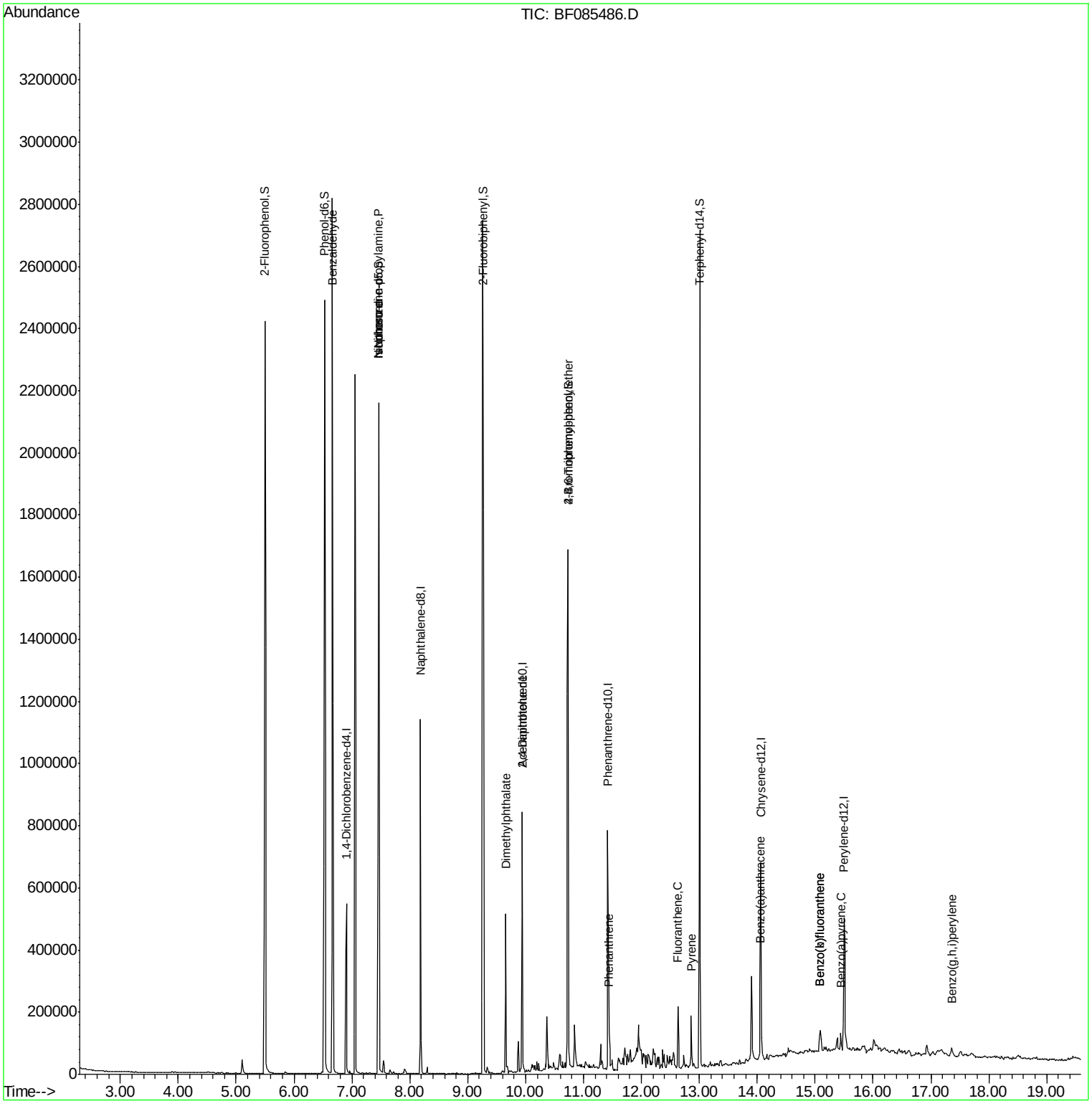
(#) = qualifier out of range (m) = manual integration (+) = signals summed

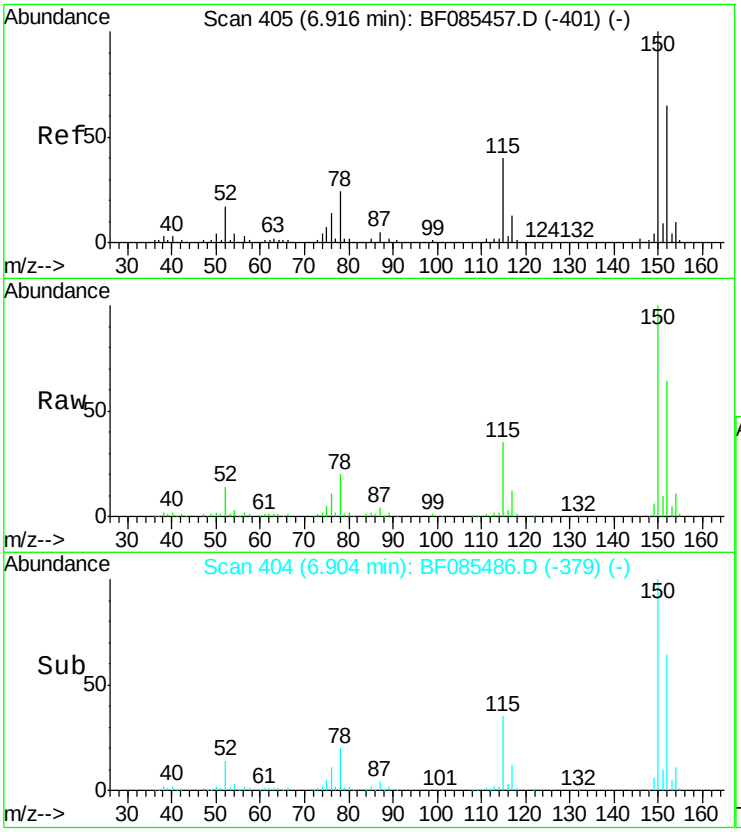
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
Data File : BF085486.D
Acq On : 17 Mar 2016 2:56
Operator : UM/SJ
Sample : H1792-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

Quant Time: Mar 17 03:06:48 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



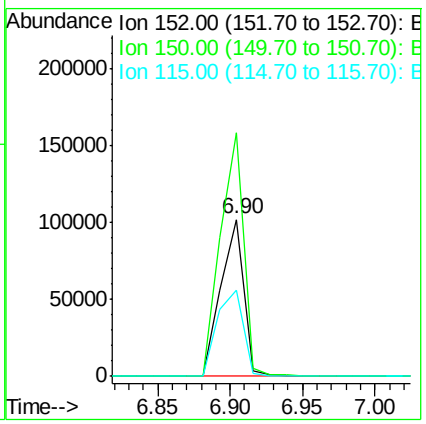


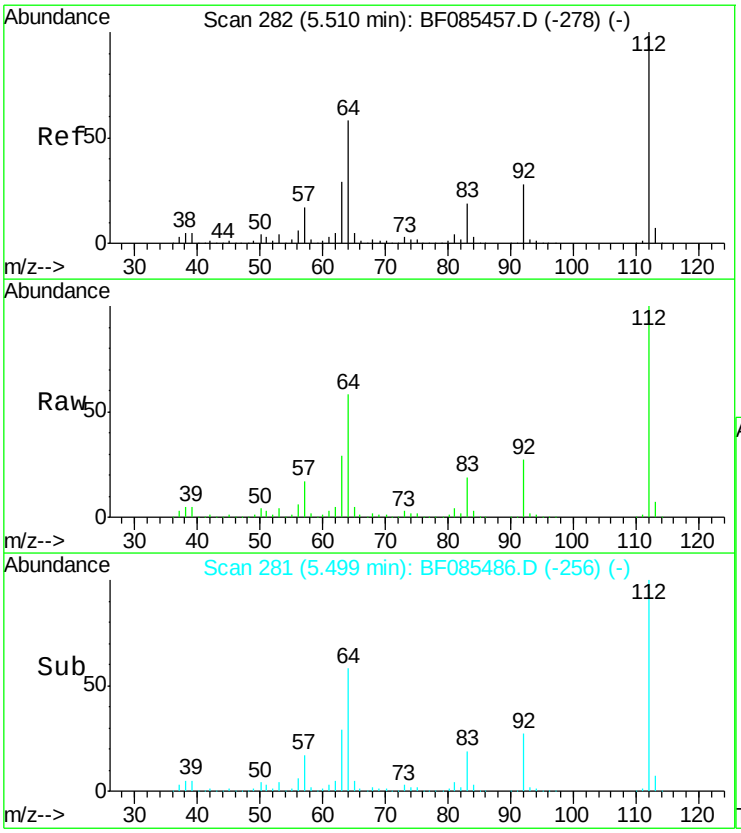
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:152 Resp: 111539

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	55.2	46.6	70.0

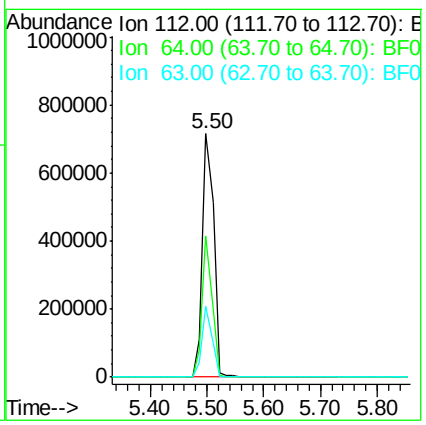


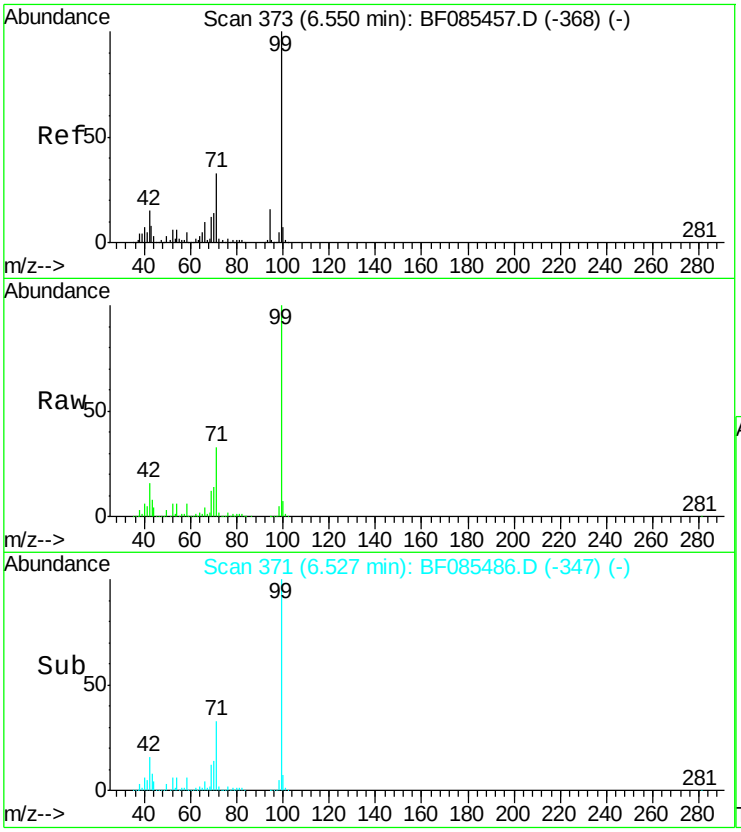


#5
2-Fluorophenol
Concen: 145.03 ng
RT: 5.50 min Scan# 281
Delta R.T. -0.01 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Tgt Ion:112 Resp: 941047

Ion	Ratio	Lower	Upper
112	100		
64	57.9	49.0	73.4
63	28.9	24.8	37.2



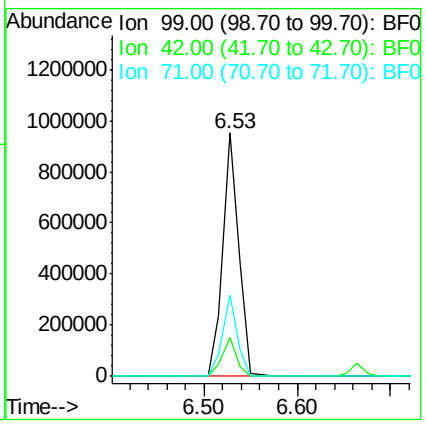


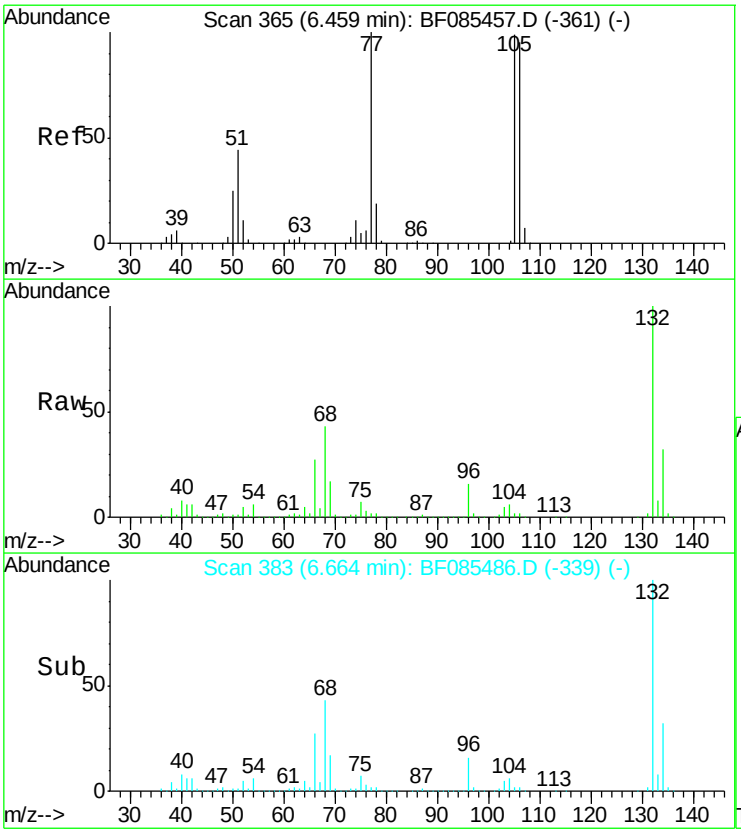
#7
Phenol-d6
Concen: 135.55 ng
RT: 6.53 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion: 99 Resp: 1140901

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.6	20.4
71	33.2	26.7	40.1

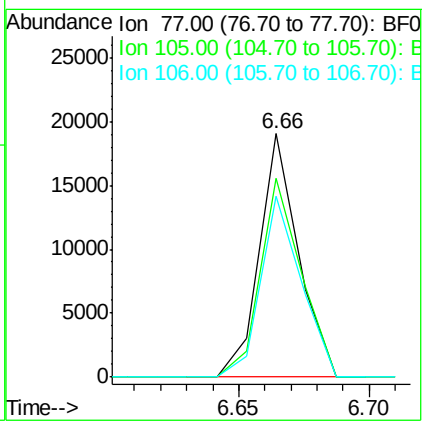


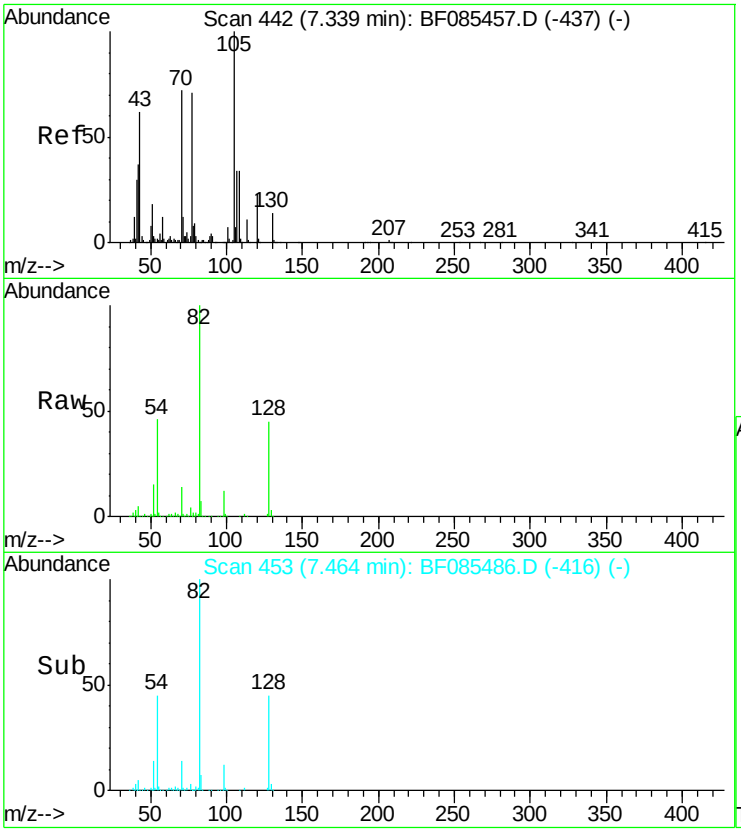


#9
Benzaldehyde
Concen: 4.22 ng
RT: 6.66 min Scan# 383
Delta R.T. 0.21 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Tgt Ion: 77 Resp: 19854

Ion	Ratio	Lower	Upper
77	100		
105	81.6	78.2	118.2
106	74.2	72.9	112.9



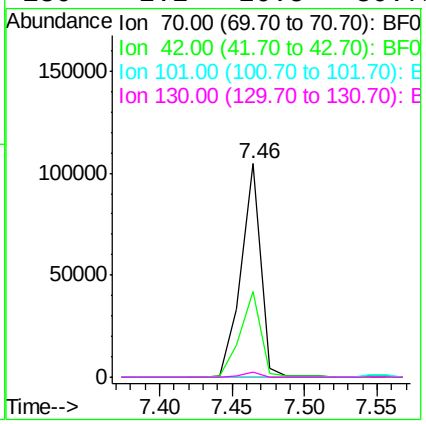


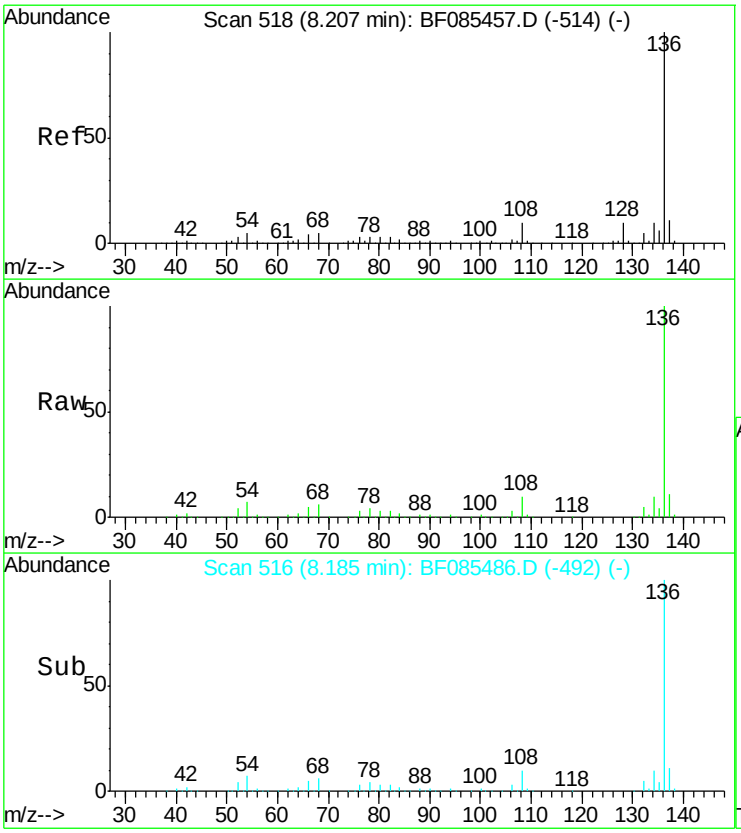
#19
n-Nitroso-di-n-propylamine
Concen: 19.71 ng
RT: 7.46 min Scan# 453
Delta R.T. 0.13 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion: 70 Resp: 99351

Ion	Ratio	Lower	Upper
70	100		
42	40.4	37.7	56.5
101	0.0	8.2	12.4#
130	2.2	20.5	30.7#

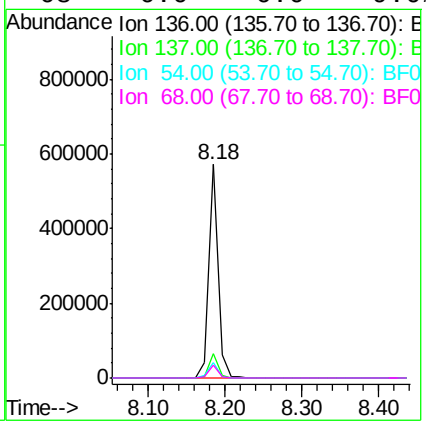


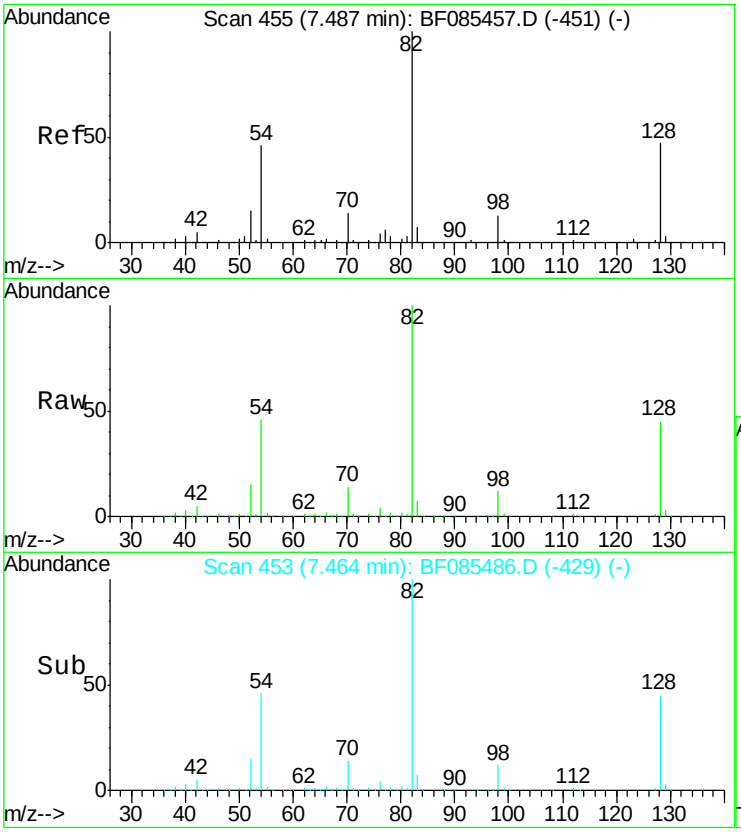


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Tgt Ion:136 Resp: 469390

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.1	7.4	11.2#
68	6.0	6.0	9.0#



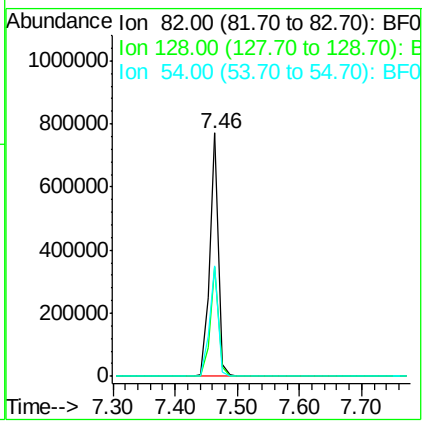


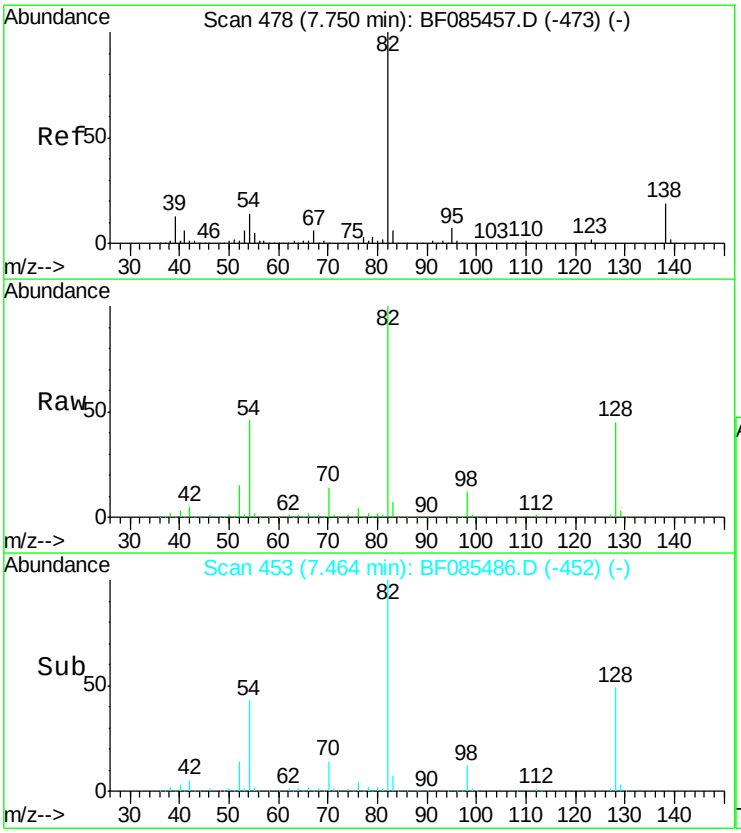
#23
Nitrobenzene-d5
Concen: 93.19 ng
RT: 7.46 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion: 82 Resp: 739830

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.5	51.7
54	45.6	39.3	58.9

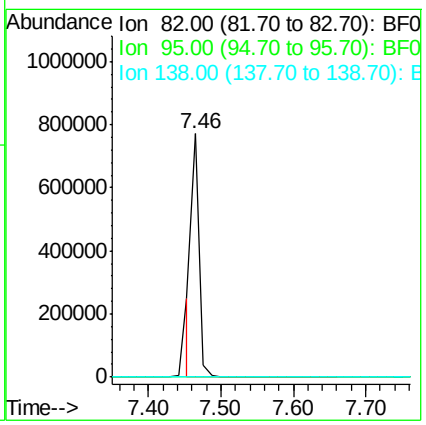


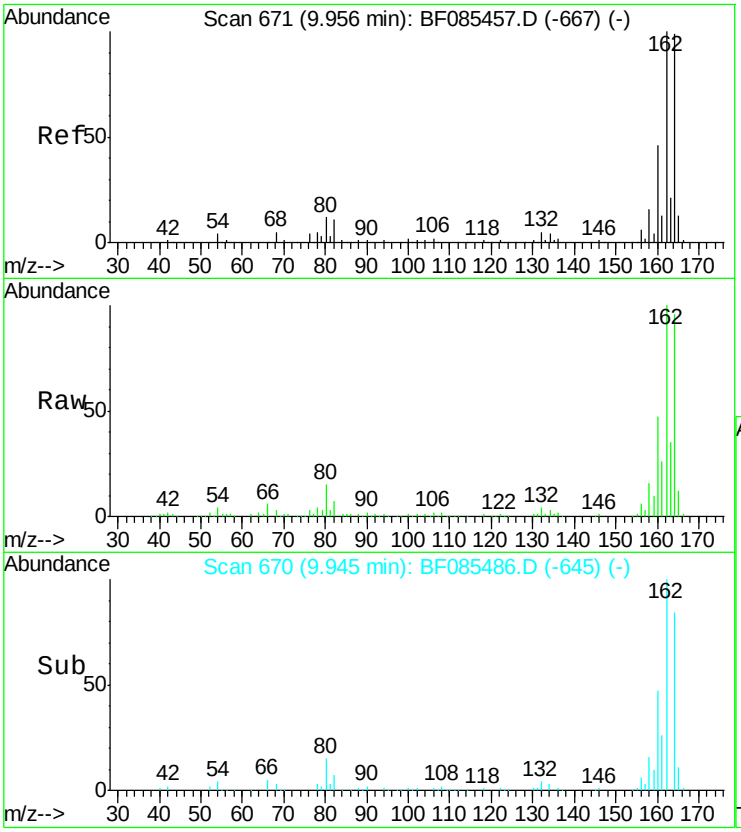


#25
Isophorone
Concen: 35.05 ng
RT: 7.46 min Scan# 453
Delta R.T. -0.29 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Tgt Ion: 82 Resp: 567347

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	13.3	19.9#



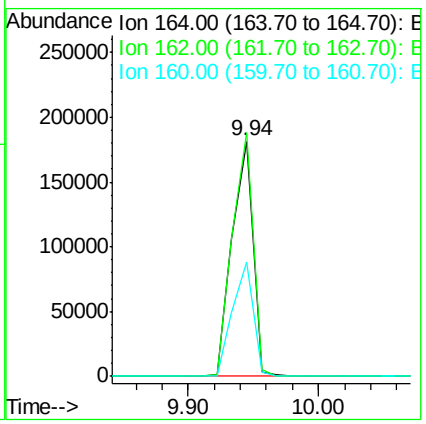


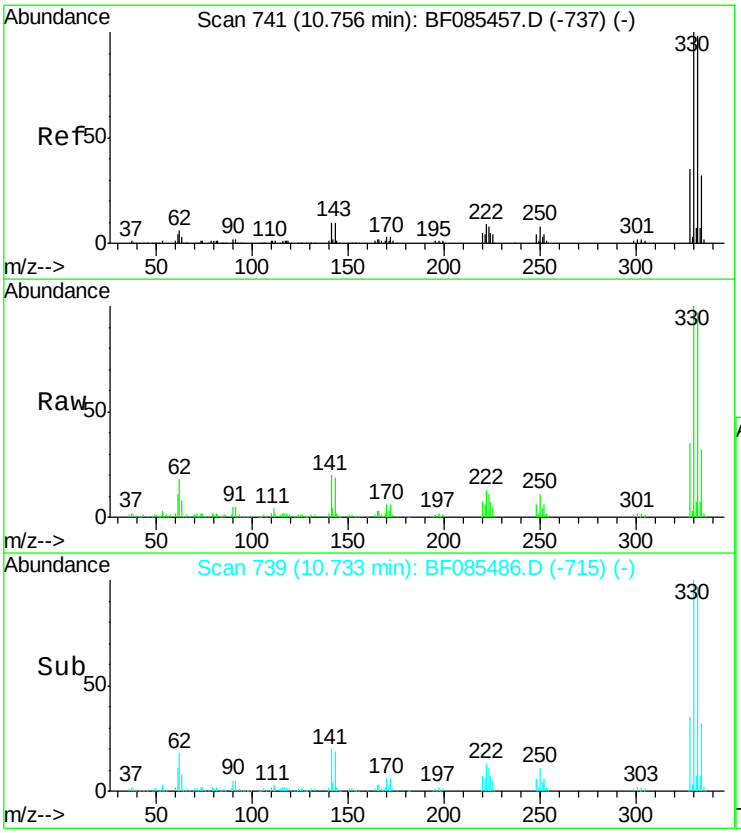
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:164 Resp: 200850

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.3	124.9
160	48.7	37.9	56.9

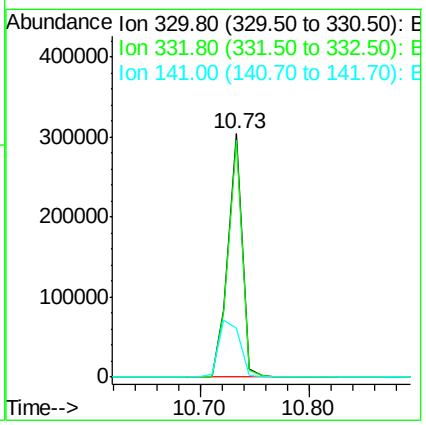


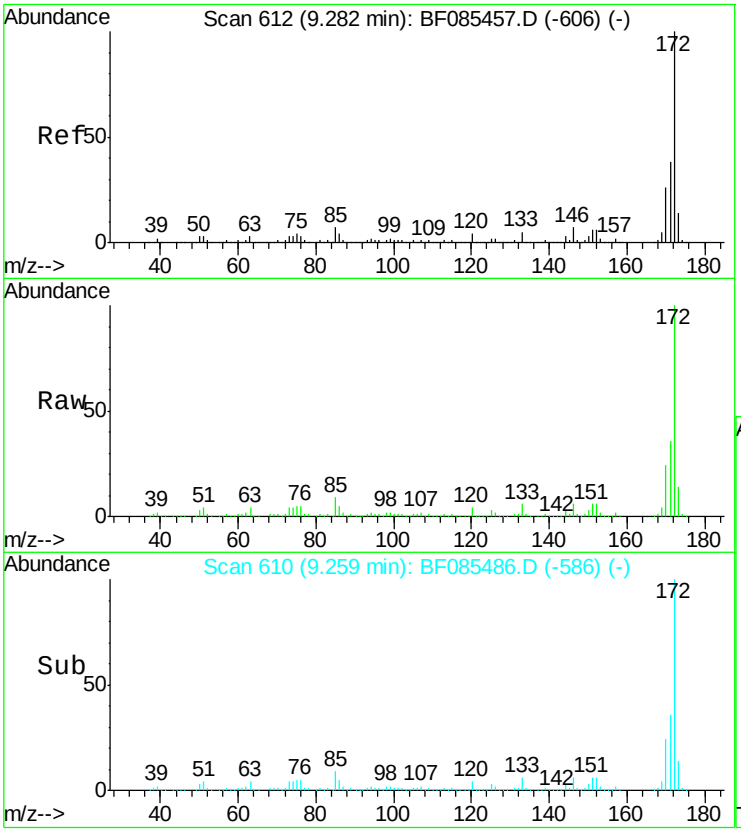


#41
2,4,6-Tribromophenol
Concen: 149.29 ng
RT: 10.73 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Tgt Ion:330 Resp: 276174

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	34.7	35.0	52.6#



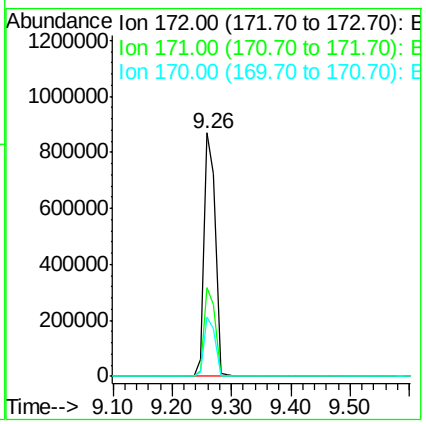


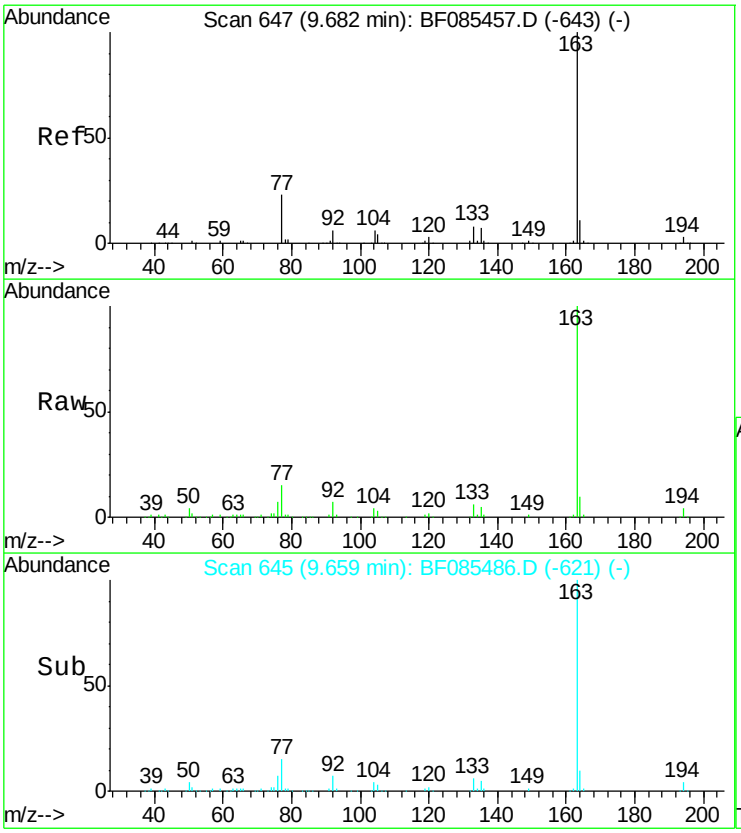
#44
2-Fluorobiphenyl
Concen: 99.66 ng
RT: 9.26 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:172 Resp: 1153796

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.3	43.9
170	24.2	20.0	30.0

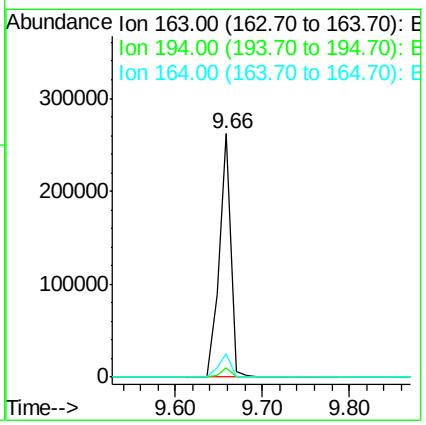


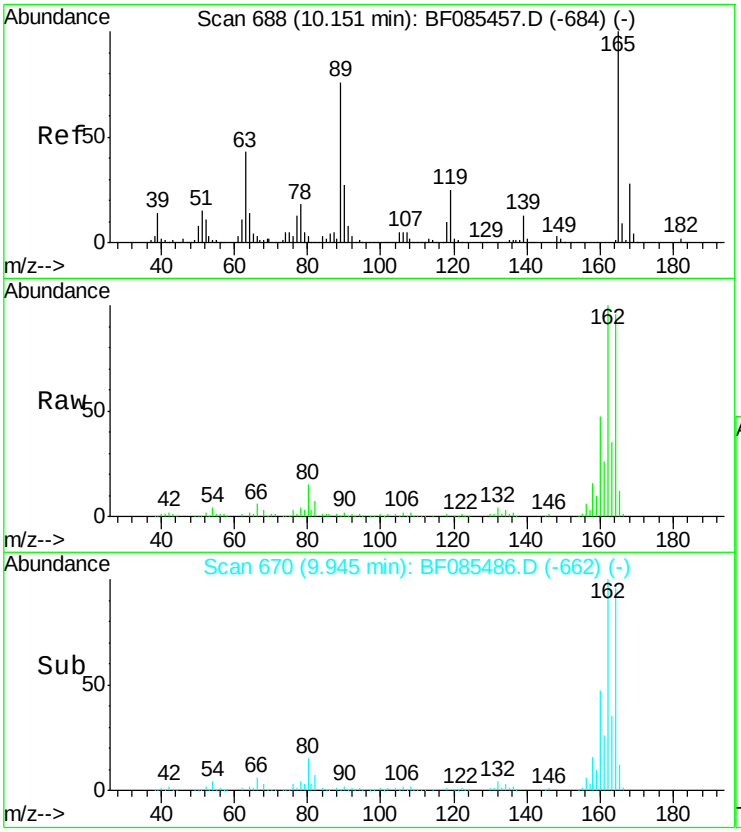


#49
Dimethylphthalate
Concen: 16.96 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Tgt Ion:163 Resp: 248478

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.7	8.2	12.4



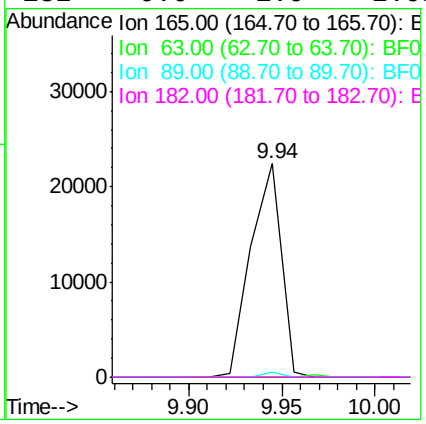


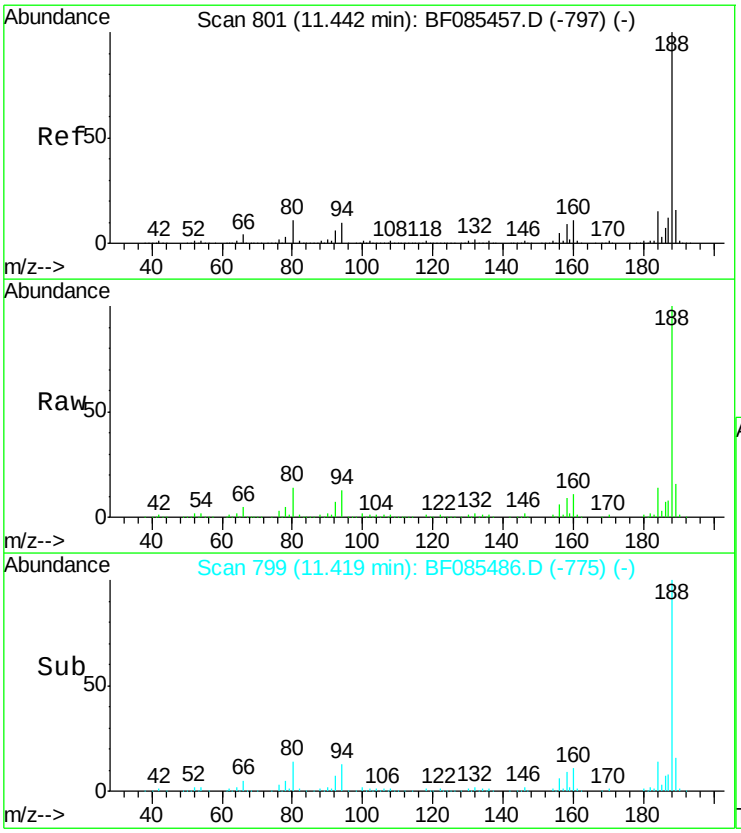
#56
2,4-Dinitrotoluene
Concen: 6.26 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.21 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:165 Resp: 25421

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.4	53.0#
89	2.1	61.9	92.9#
182	0.0	1.9	2.9#

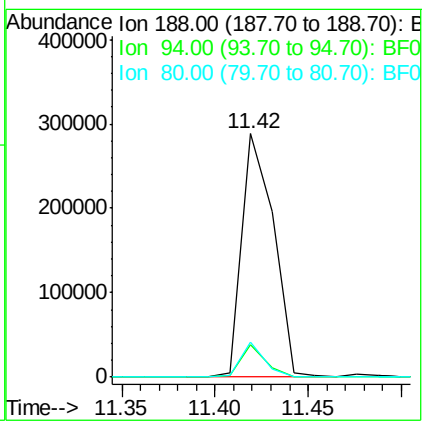


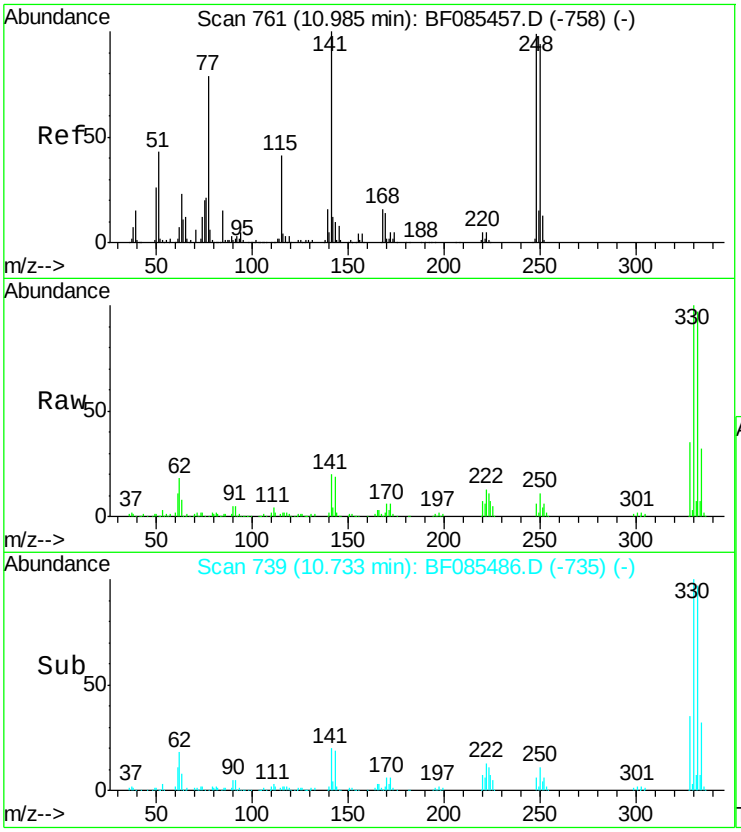


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Tgt Ion:188 Resp: 340749

Ion	Ratio	Lower	Upper
188	100		
94	13.4	7.0	10.6#
80	14.3	7.4	11.0#



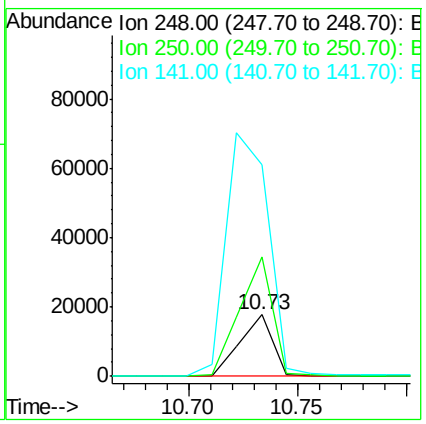


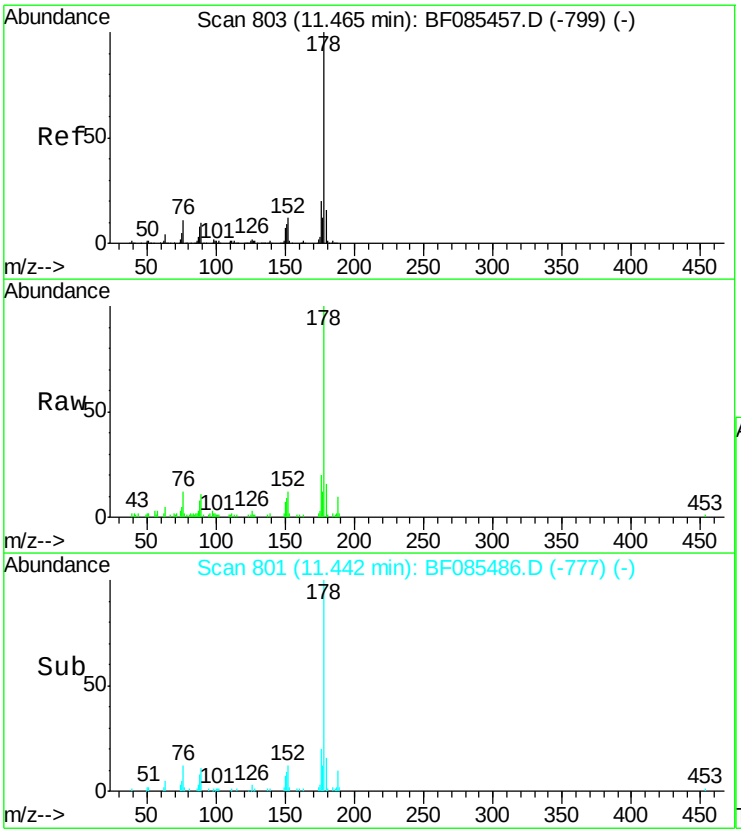
#66
4-Bromophenyl-phenylether
Concen: 5.35 ng
RT: 10.73 min Scan# 739
Delta R.T. -0.25 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:248 Resp: 18434

Ion	Ratio	Lower	Upper
248	100		
250	195.2	77.1	115.7#
141	344.4	66.2	99.2#

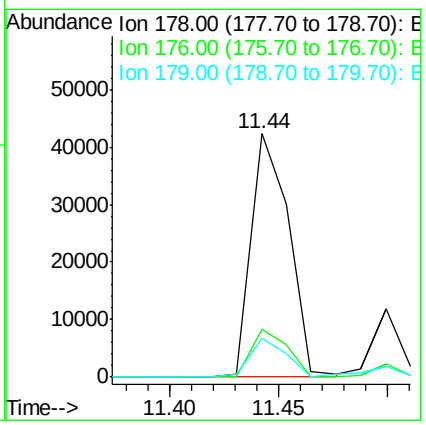


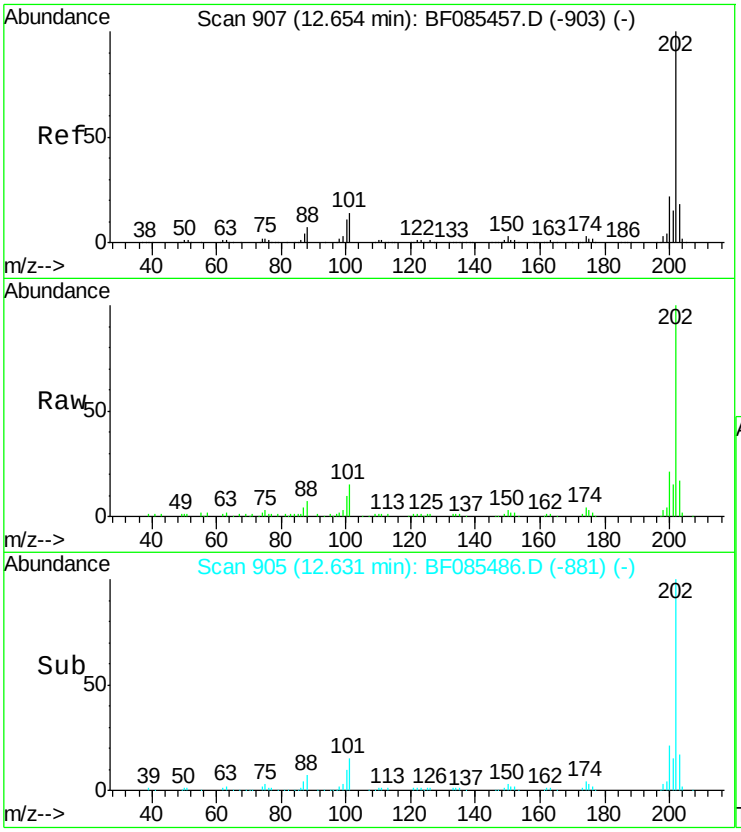


#70
Phenanthrene
Concen: 2.88 ng
RT: 11.44 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Tgt Ion:178 Resp: 51055

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.8	25.2
179	16.1	13.1	19.7



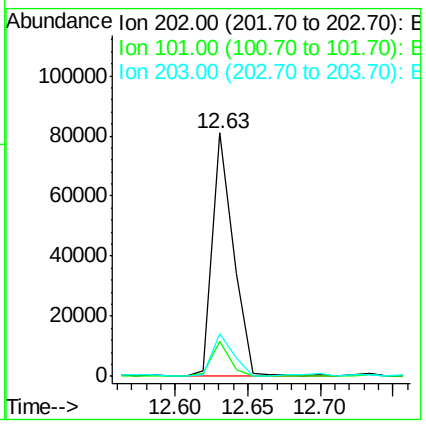


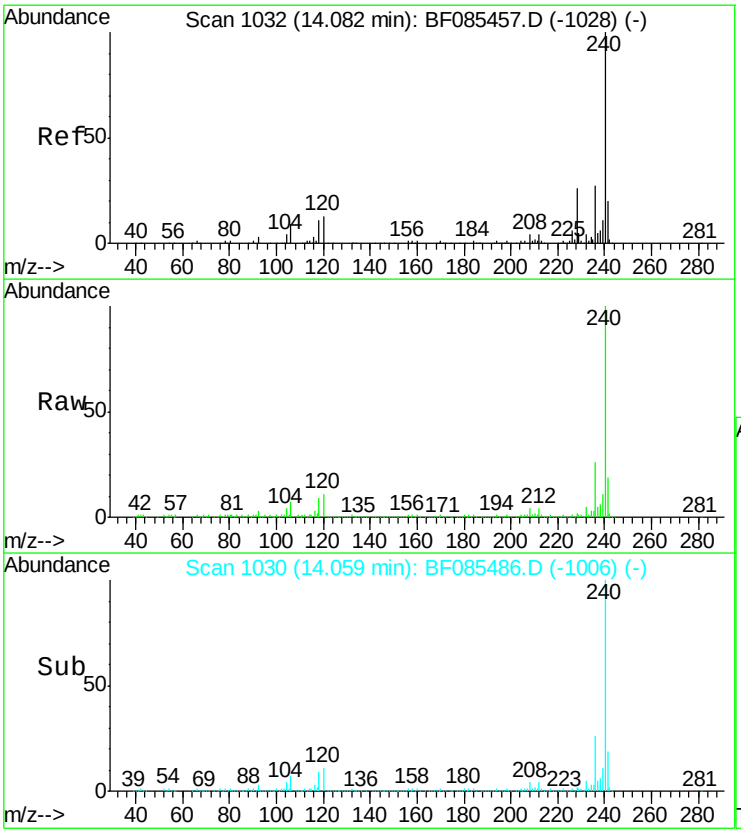
#74
Fluoranthene
Concen: 4.92 ng
RT: 12.63 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:202 Resp: 82062

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	31.8
203	17.3	0.0	38.4

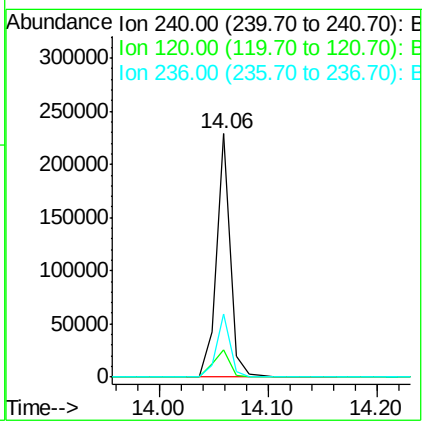


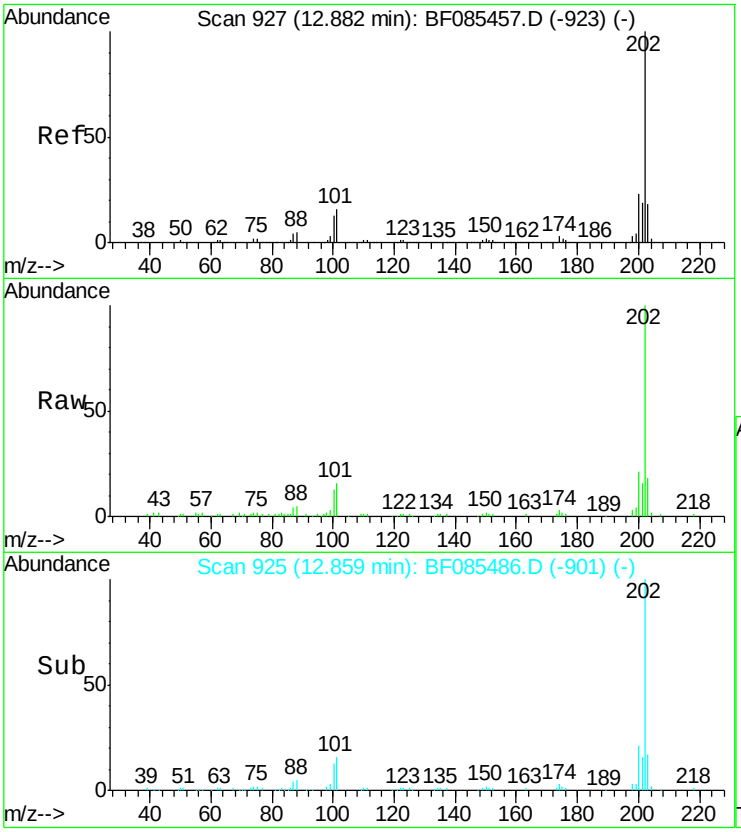


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Tgt Ion:240 Resp: 203354

Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.3	7.9#
236	25.9	20.7	31.1



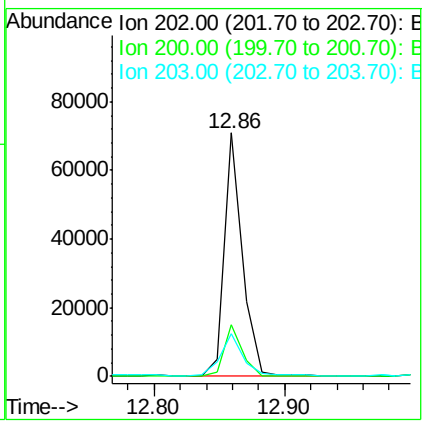


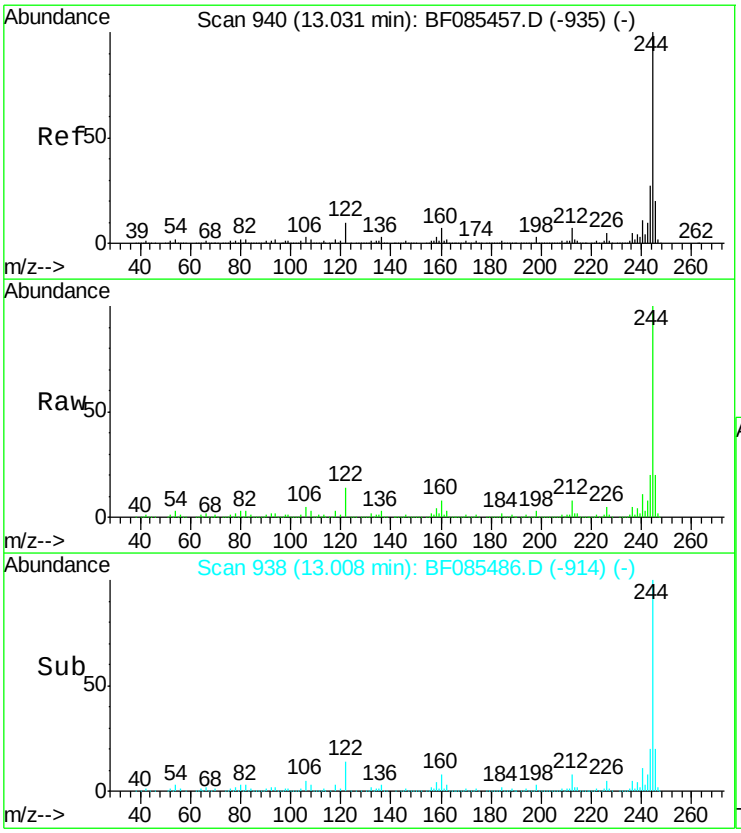
#77
Pyrene
Concen: 4.49 ng
RT: 12.86 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:202 Resp: 68513

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.2	27.4
203	17.8	14.7	22.1

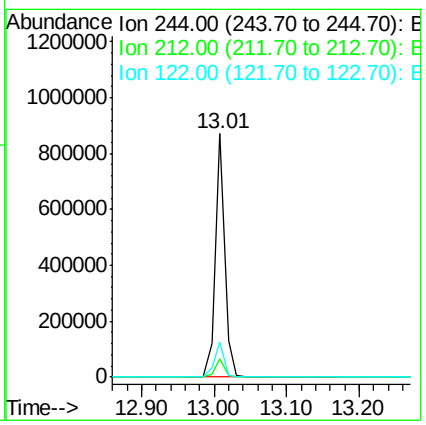


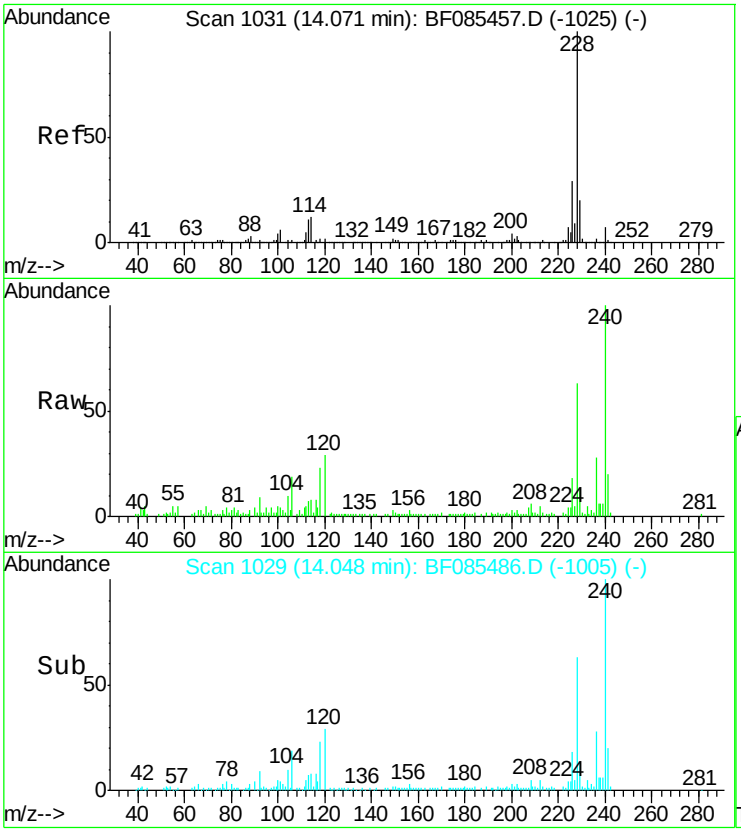


#78
Terphenyl-d14
Concen: 86.33 ng
RT: 13.01 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Tgt Ion:244 Resp: 776010

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	14.2	11.4	17.2



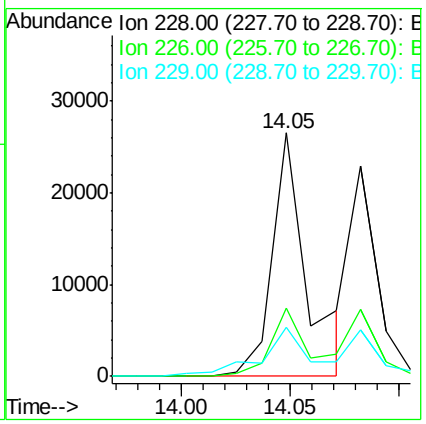


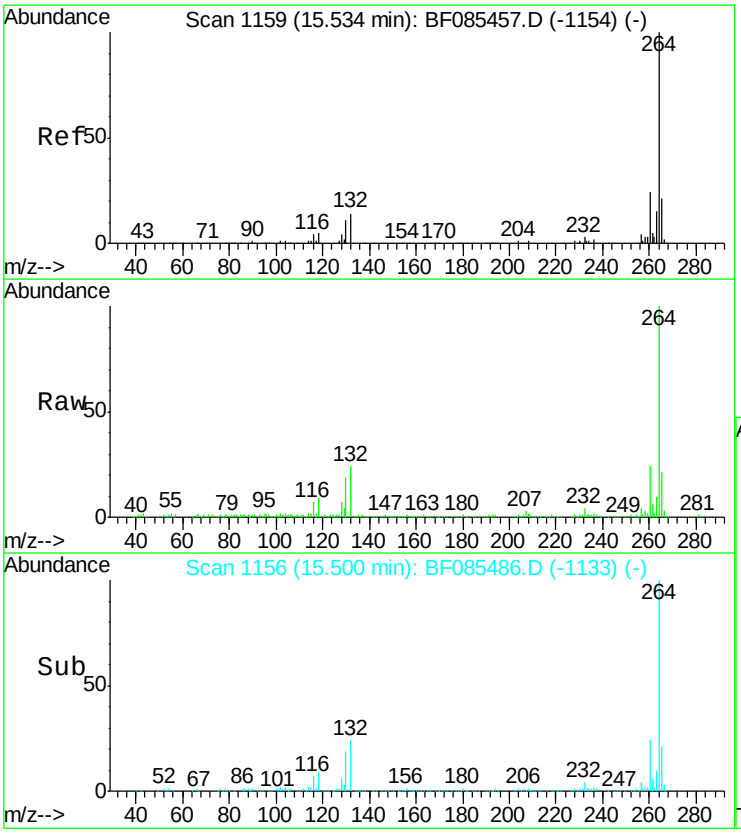
#80
Benzo(a)anthracene
Concen: 2.56 ng
RT: 14.05 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:228 Resp: 29818

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.8	34.2
229	20.1	16.6	24.8

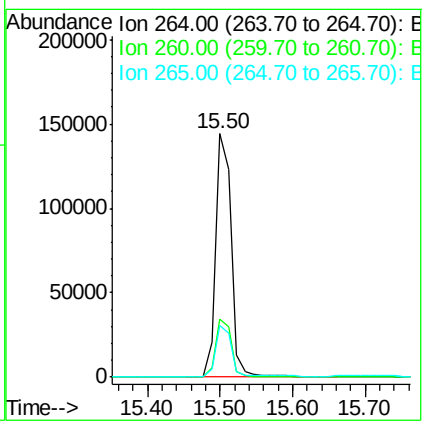


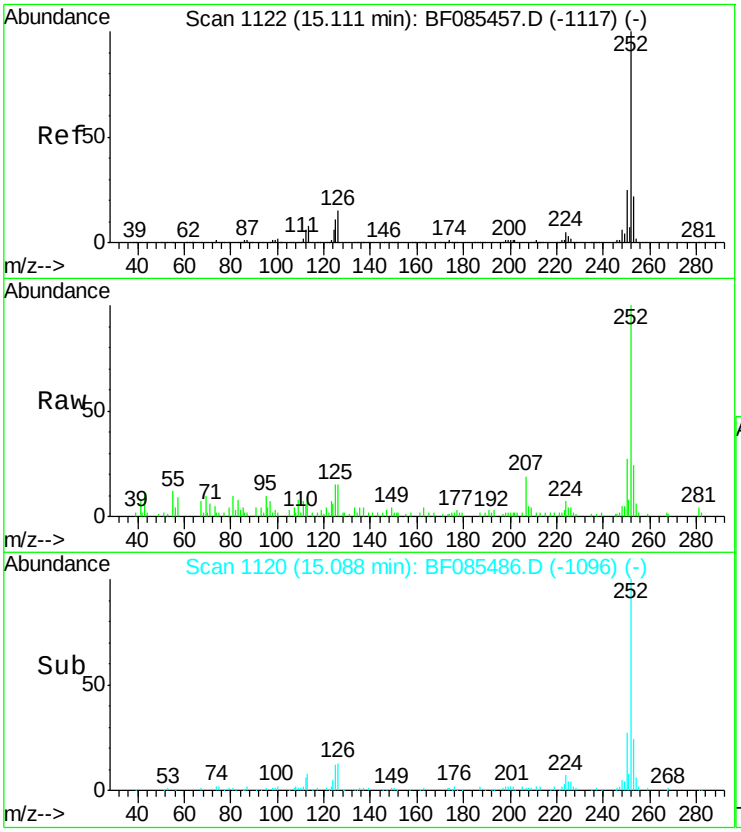


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Tgt Ion:264 Resp: 214031

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.3	25.9



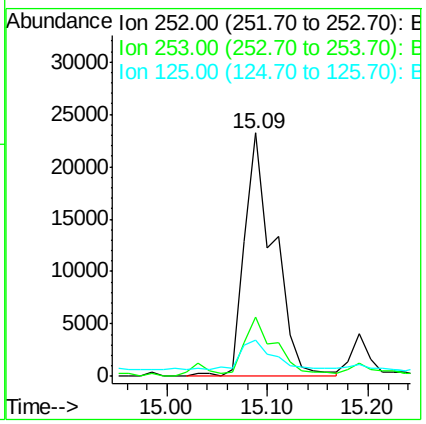


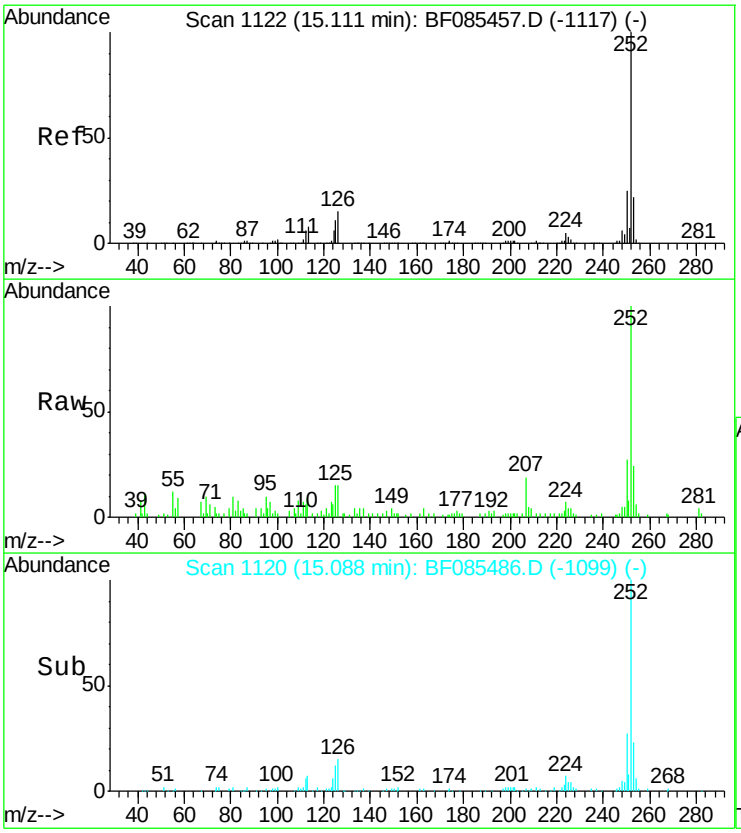
#87
Benzo(b)fluoranthene
Concen: 3.39 ng
RT: 15.09 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:252 Resp: 47405

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	15.0	11.3	16.9

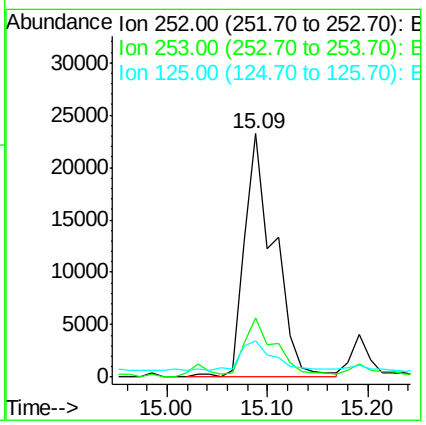


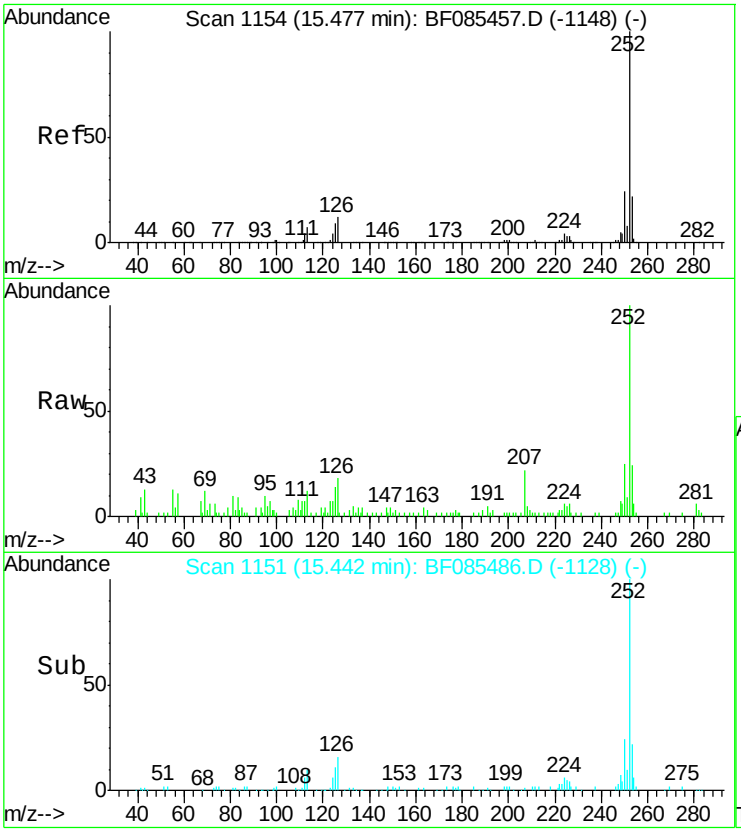


#88
Benzo(k)fluoranthene
Concen: 4.33 ng
RT: 15.09 min Scan# 1120
Delta R.T. -0.06 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Tgt Ion:252 Resp: 47405

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	15.0	10.4	15.6



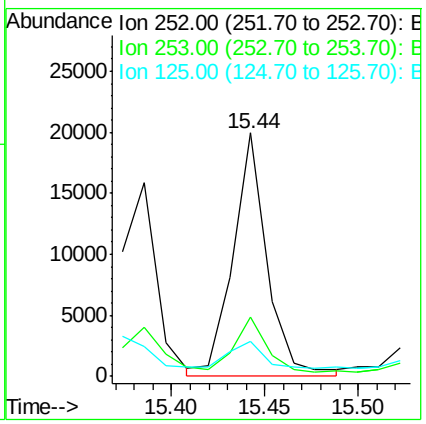


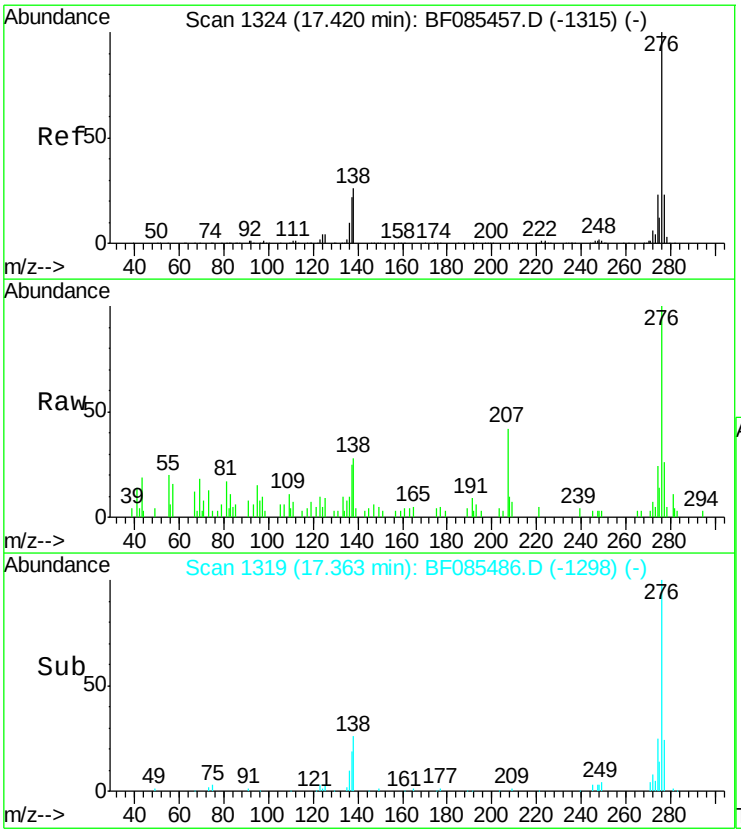
#89
Benzo(a)pyrene
Concen: 2.12 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:252 Resp: 25579

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	14.4	8.2	12.4#





#91
Benzo(g,h,i)perylene
Concen: 2.09 ng
RT: 17.36 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF085486.D
Acq: 17 Mar 2016 2:56

Tgt Ion:276 Resp: 25212

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.0	28.4
138	28.0	22.5	33.7