Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085523.D
Acq On : 18 Mar 2016 7:08
Operator : UM/SJ
Sample : H1776-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-11(0.5-1.0)

Quant Time: Mar 18 06:48:05 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	127708	20.00	ng		-0.05
21) Naphthalene-d8	8.16	136	533102	20.00	ng		-0.05
38) Acenaphthene-d10	9.91	164	217322	20.00	ng		-0.05
63) Phenanthrene-d10	11.40	188	367108	20.00	ng		-0.05
75) Chrysene-d12	14.04	240	271935	20.00	ng		-0.05
86) Perylene-d12	15.47	264	252023	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	780269	105.02	ng		-0.03
7) Phenol-d6	6.50	99	979925	101.68	ng		-0.05
23) Nitrobenzene-d5	7.44	82	712875	79.06	ng		-0.05
41) 2,4,6-Tribromophenol	10.71	330	223168	111.49	ng		-0.05
44) 2-Fluorobiphenyl	9.24	172	834585	66.62	ng		-0.05
78) Terphenyl-d14	12.99	244	601560	50.04	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	17888	3.32	ng		85
15) Benzyl Alcohol	7.03	79	15060	2.19	ng	#	70
19) n-Nitroso-di-n-propylamine	7.44	70	95344	16.52	ng	#	75
49) Dimethylphthalate	9.64	163	273643	17.26	ng		98
56) 2,4-Dinitrotoluene	9.91	165	27047	6.16	ng	#	22
66) 4-Bromophenyl-phenylether	10.70	248	14612	3.93	ng	#	1
70) Phenanthrene	11.42	178	58681	3.07	ng		98
74) Fluoranthene	12.61	202	133627	7.43	ng		99
77) Pyrene	12.84	202	127911	6.27	ng		98
80) Benzo(a)anthracene	14.03	228	78203	5.02	ng		97
82) Chrysene	14.03	228	78203	5.58	ng		99
85) Indeno(1,2,3-cd)pyrene	16.87	276	30654	2.31	ng	#	86
87) Benzo(b)fluoranthene	15.05	252	106722	6.48	ng		97
88) Benzo(k)fluoranthene	15.05	252	106722	8.28	ng		96
89) Benzo(a)pyrene	15.41	252	56659	3.98	ng	#	94
91) Benzo(g,h,i)perylene	17.31	276	33243	2.34	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085523.D
Acq On : 18 Mar 2016 7:08
Operator : UM/SJ
Sample : H1776-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Quant Time: Mar 18 06:48:05 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
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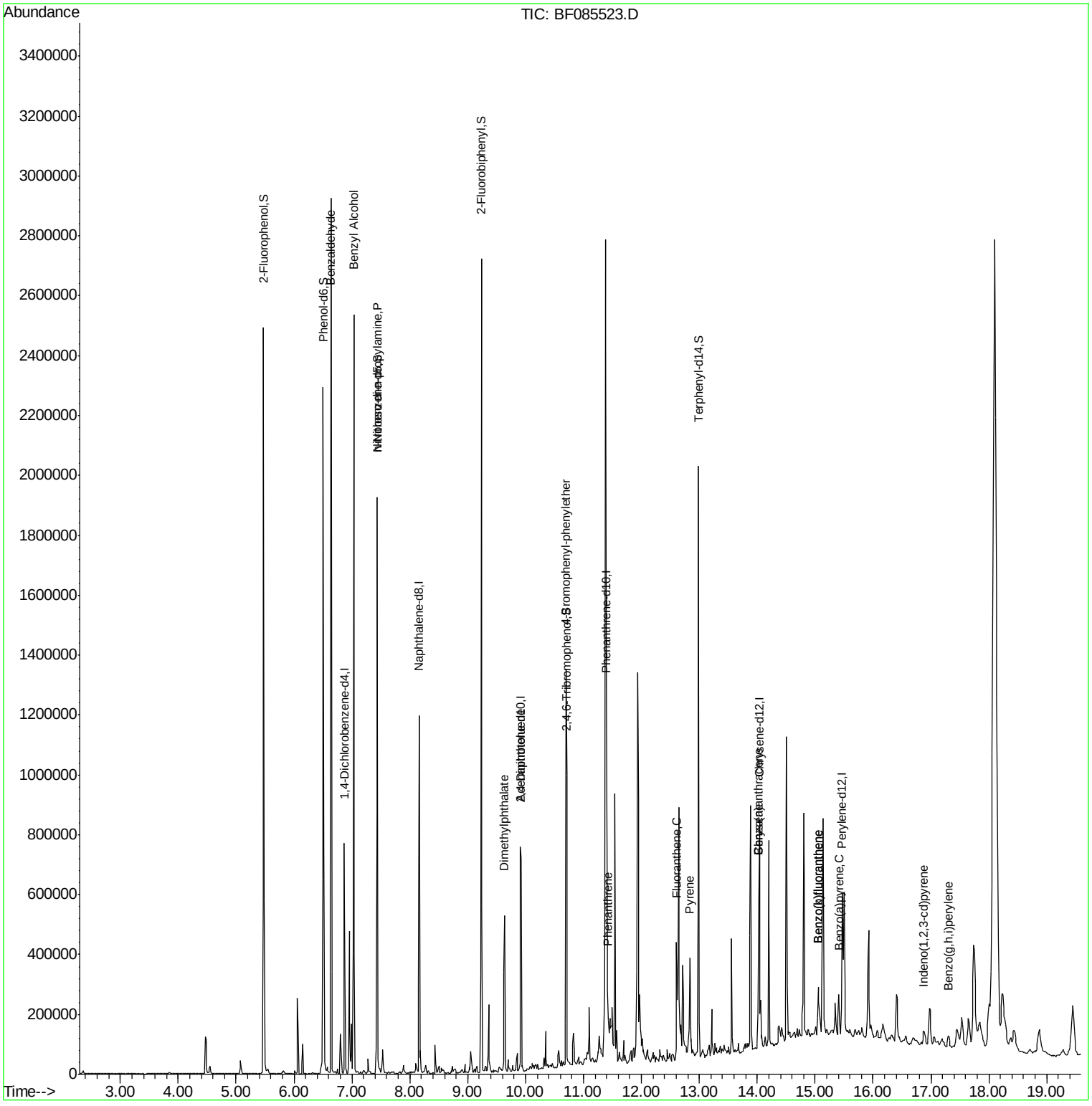
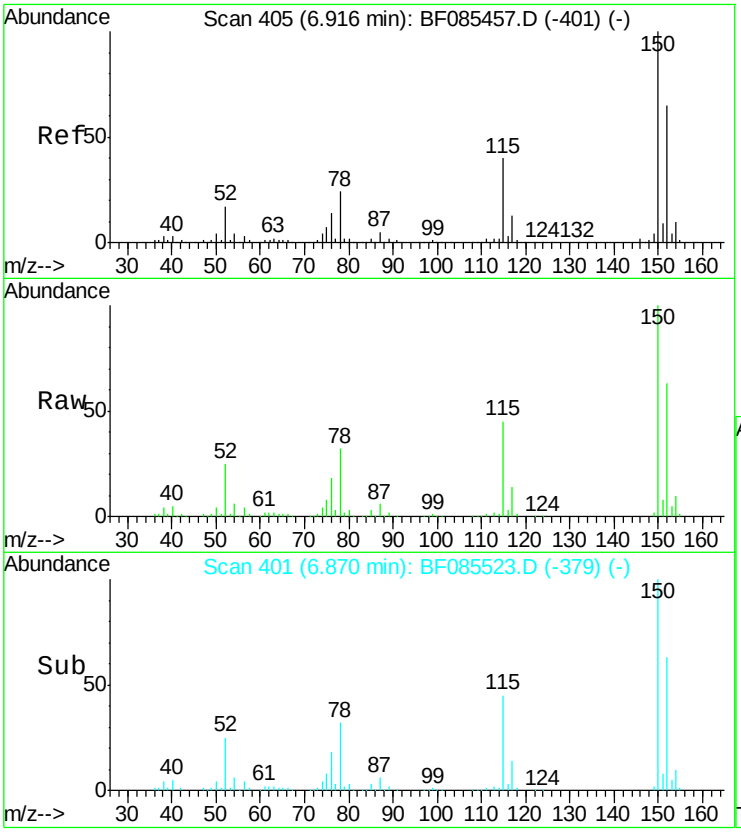


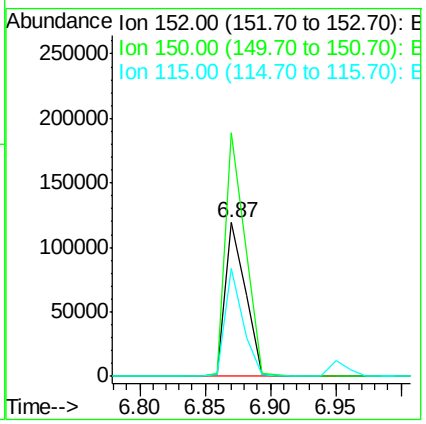


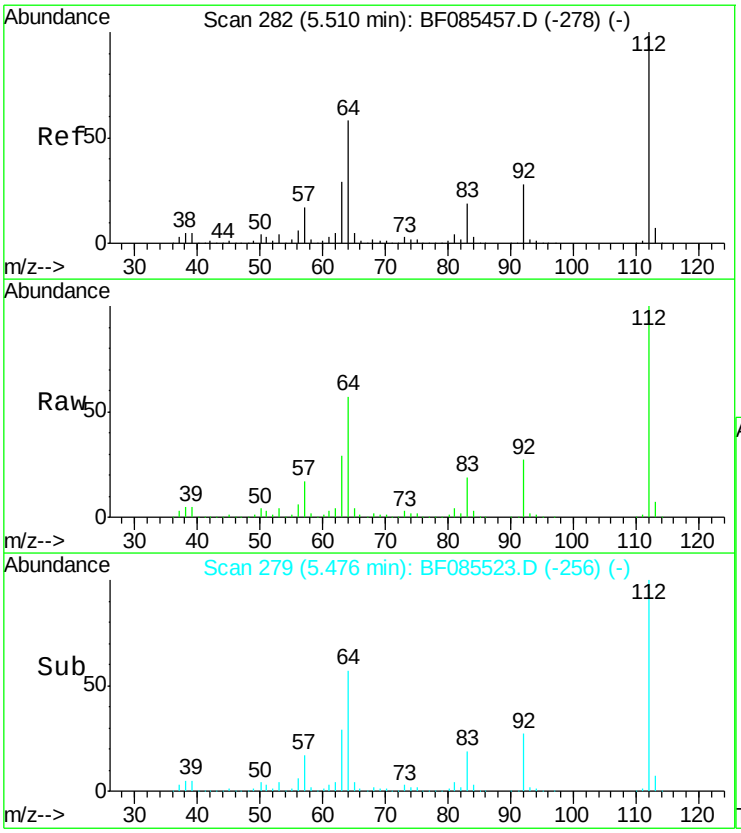
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion:152 Resp: 127708

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	70.5	46.6	70.0#

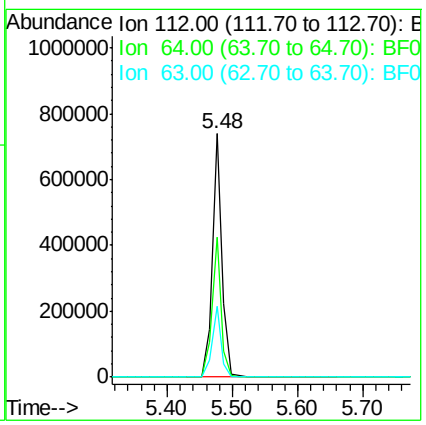


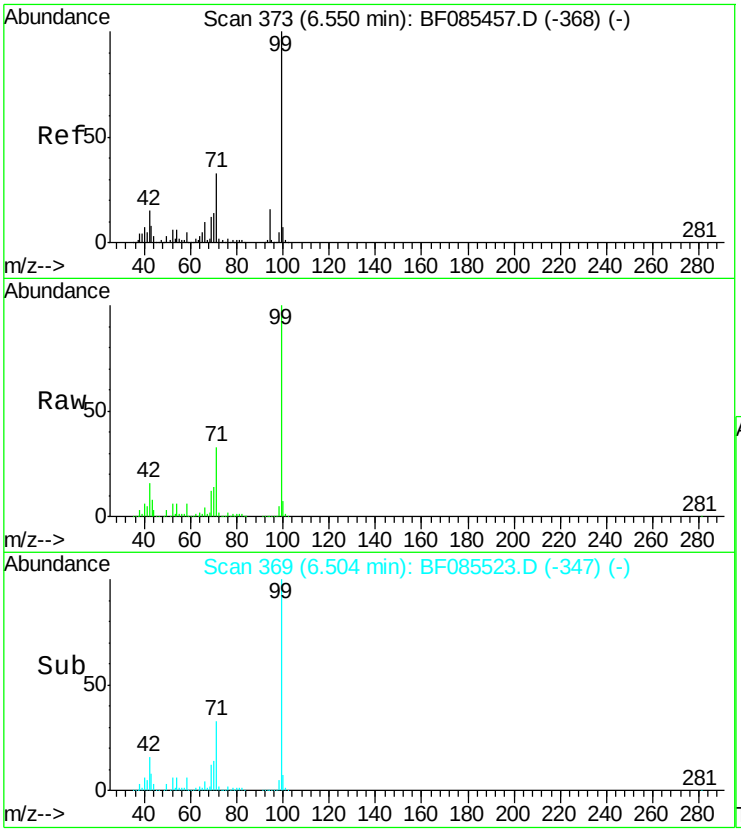


#5
2-Fluorophenol
Concen: 105.02 ng
RT: 5.48 min Scan# 279
Delta R.T. -0.03 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion:112 Resp: 780269

Ion	Ratio	Lower	Upper
112	100		
64	57.4	49.0	73.4
63	28.9	24.8	37.2



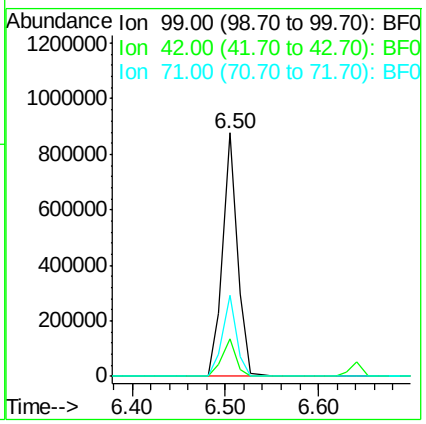


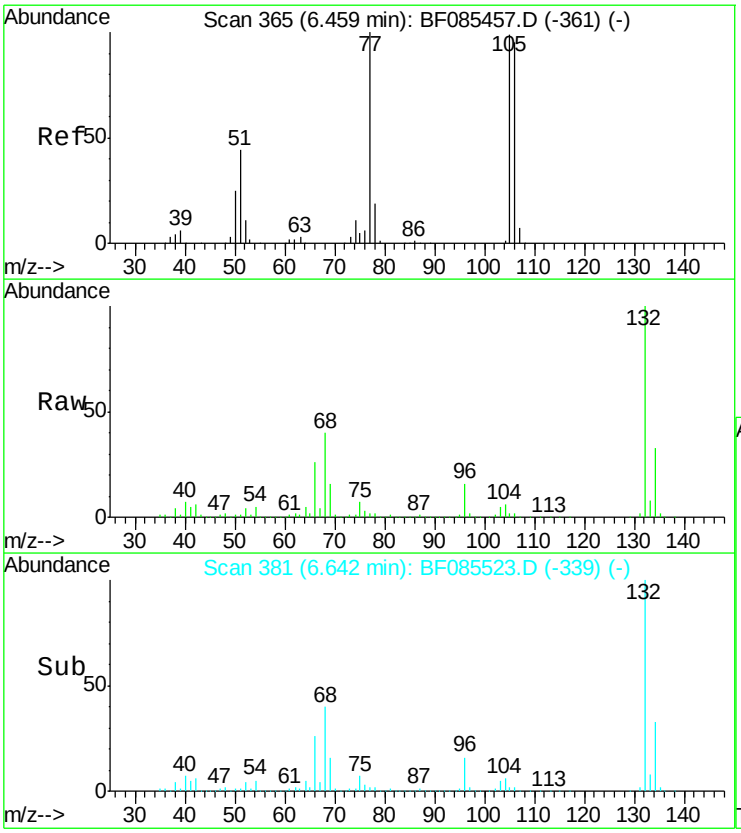
#7
Phenol-d6
Concen: 101.68 ng
RT: 6.50 min Scan# 369
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion: 99 Resp: 979925

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.6	20.4
71	33.1	26.7	40.1

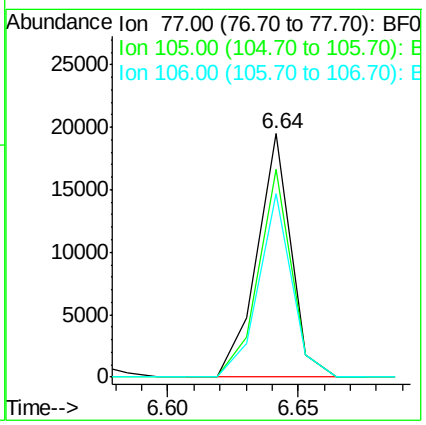


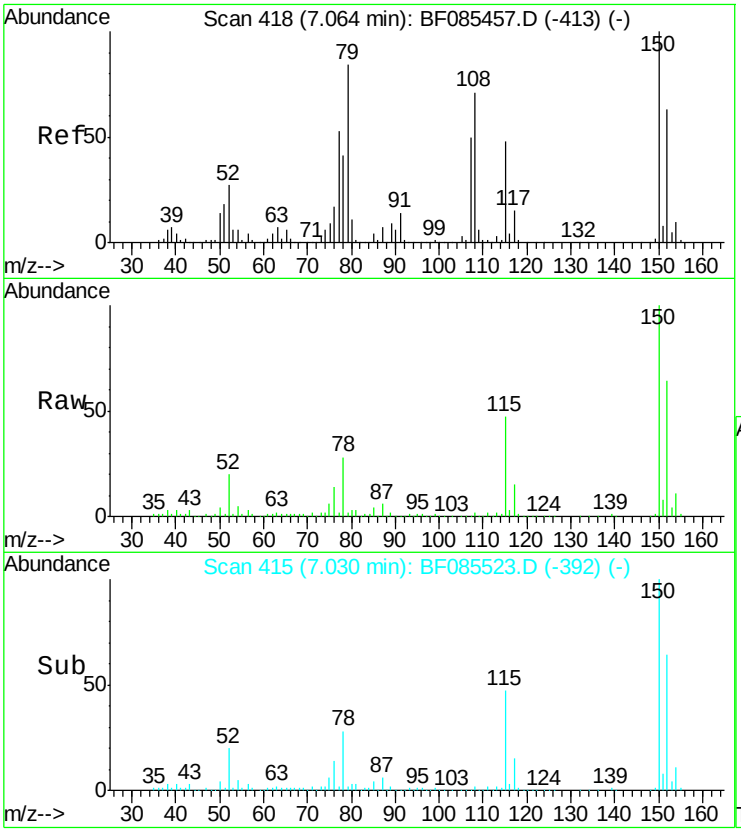


#9
Benzaldehyde
Concen: 3.32 ng
RT: 6.64 min Scan# 381
Delta R.T. 0.18 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion: 77 Resp: 17888

Ion	Ratio	Lower	Upper
77	100		
105	85.6	78.2	118.2
106	75.4	72.9	112.9



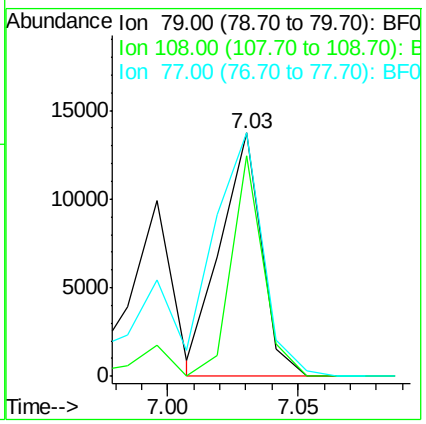


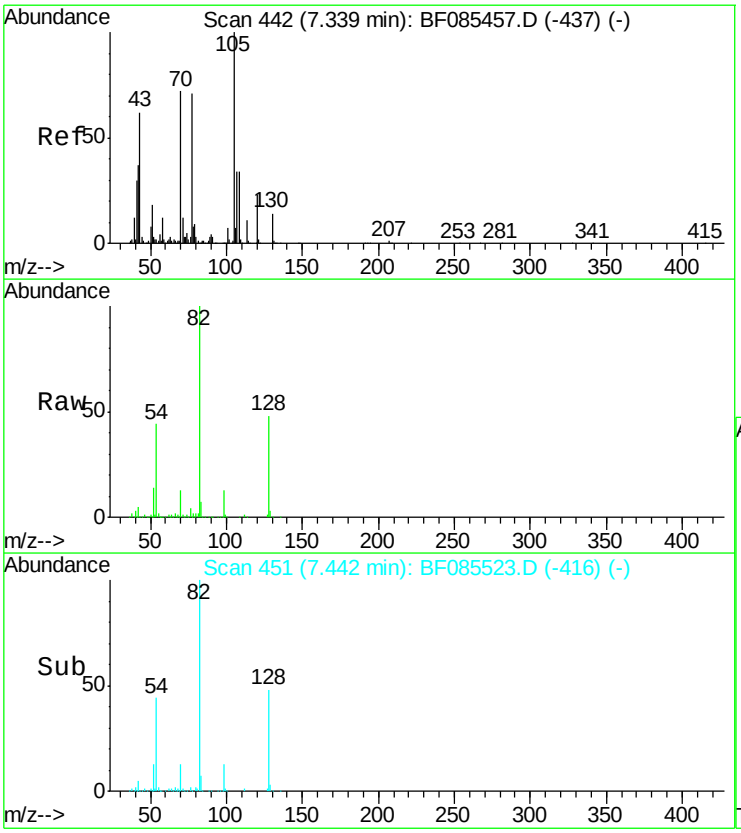
#15
Benzyl Alcohol
Concen: 2.19 ng
RT: 7.03 min Scan# 415
Delta R.T. -0.03 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion: 79 Resp: 15060

Ion	Ratio	Lower	Upper
79	100		
108	90.7	62.9	94.3
77	100.1	49.5	74.3#

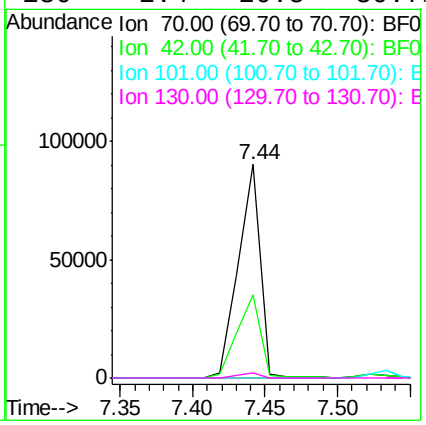


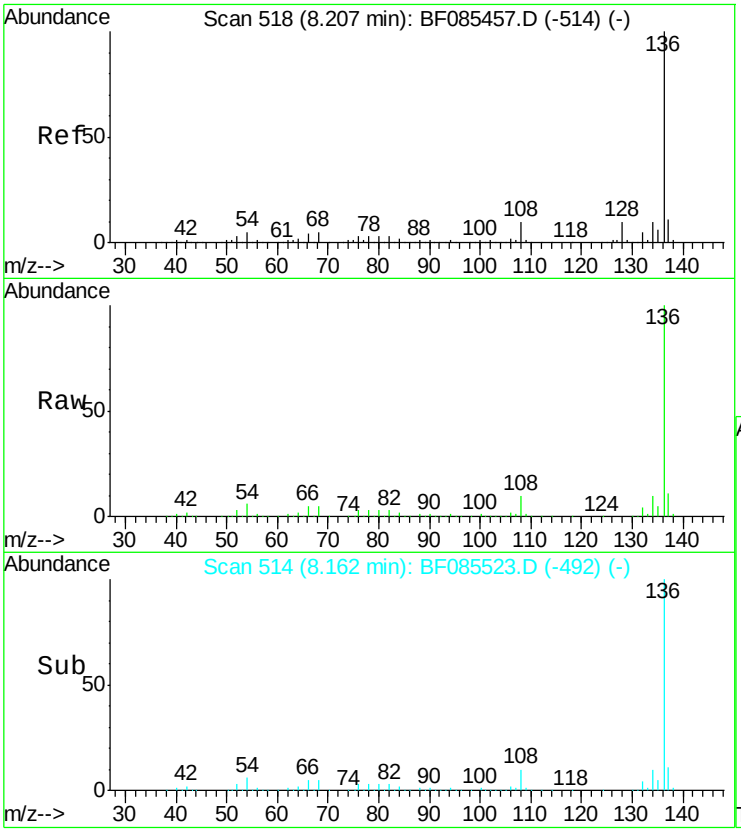


#19
n-Nitroso-di-n-propylamine
Concen: 16.52 ng
RT: 7.44 min Scan# 451
Delta R.T. 0.10 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion: 70 Resp: 95344

Ion	Ratio	Lower	Upper
70	100		
42	38.8	37.7	56.5
101	0.0	8.2	12.4#
130	2.4	20.5	30.7#



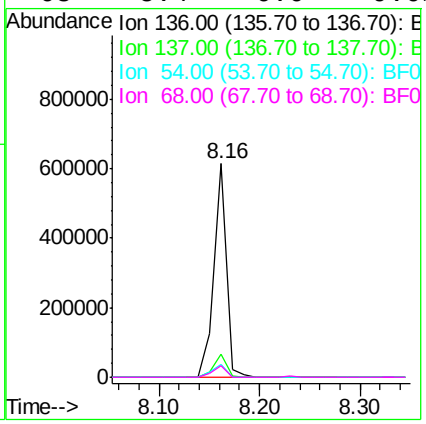


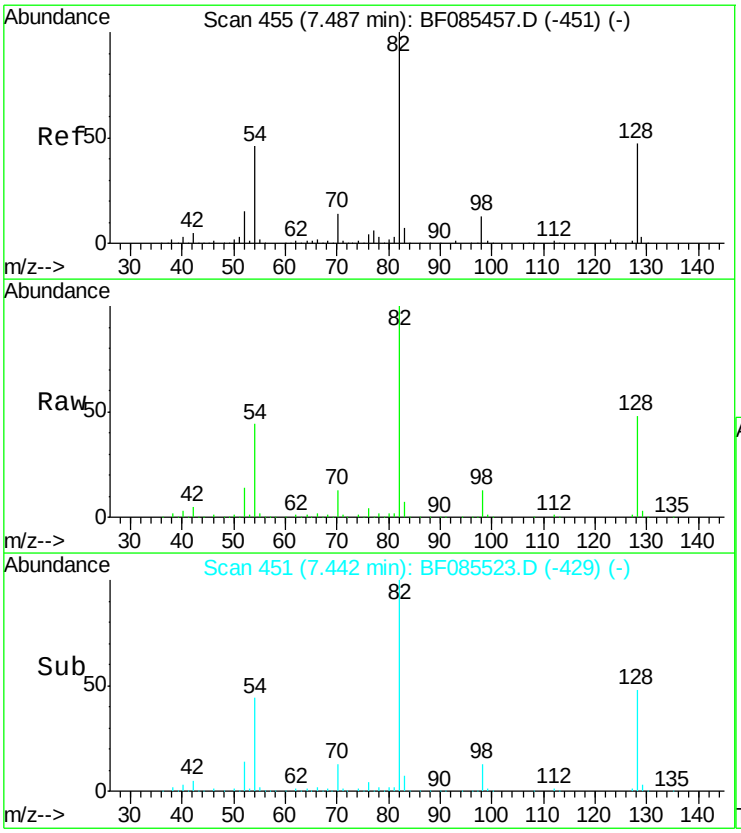
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion:136 Resp: 533102

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	6.2	7.4	11.2#
68	5.4	6.0	9.0#

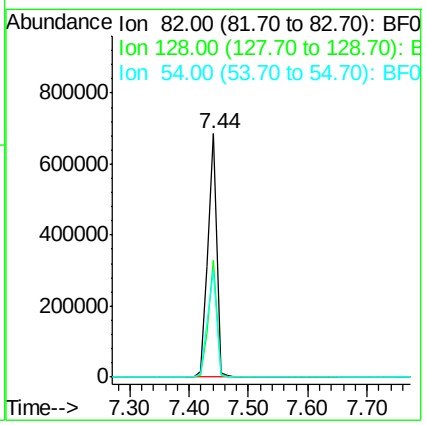


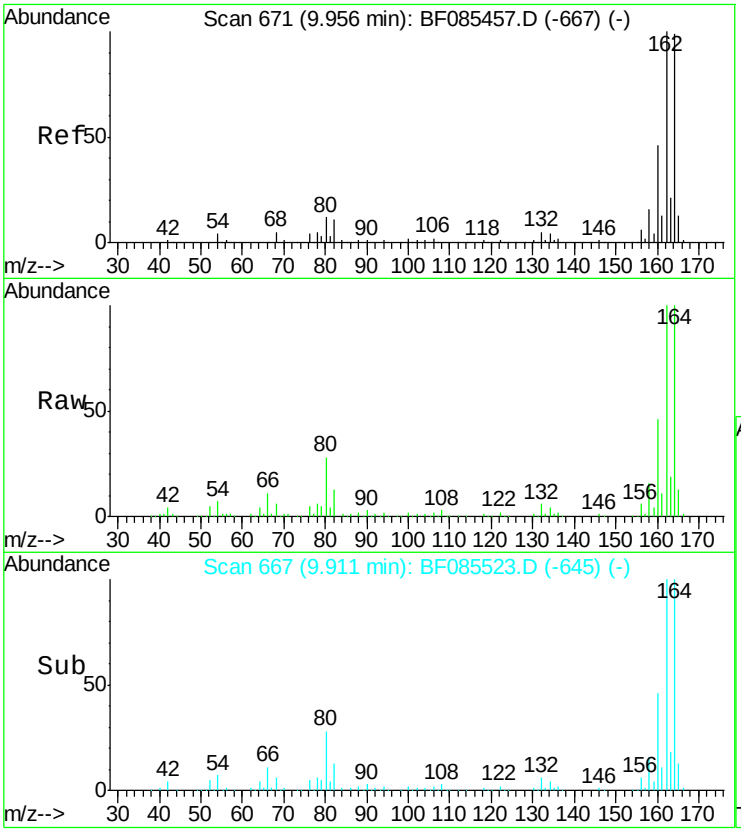


#23
Nitrobenzene-d5
Concen: 79.06 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion: 82 Resp: 712875

Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.5	51.7
54	43.9	39.3	58.9



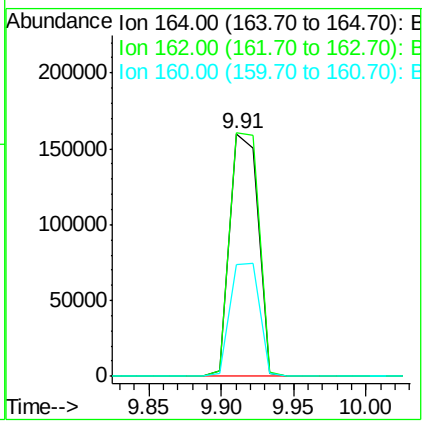


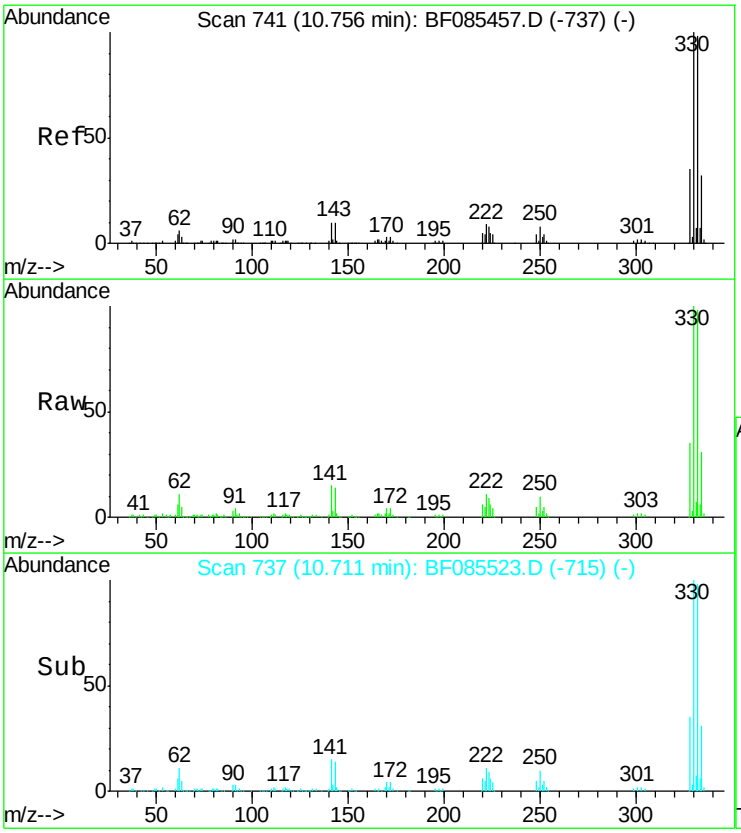
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion:164 Resp: 217322

Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.3	124.9
160	46.3	37.9	56.9

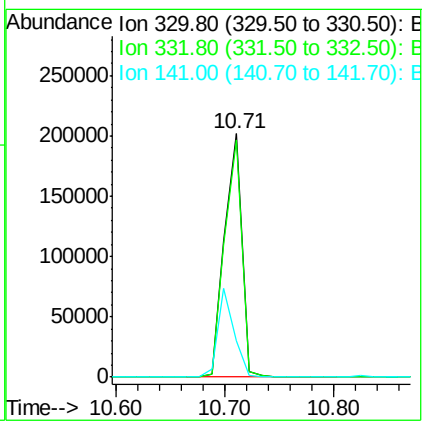


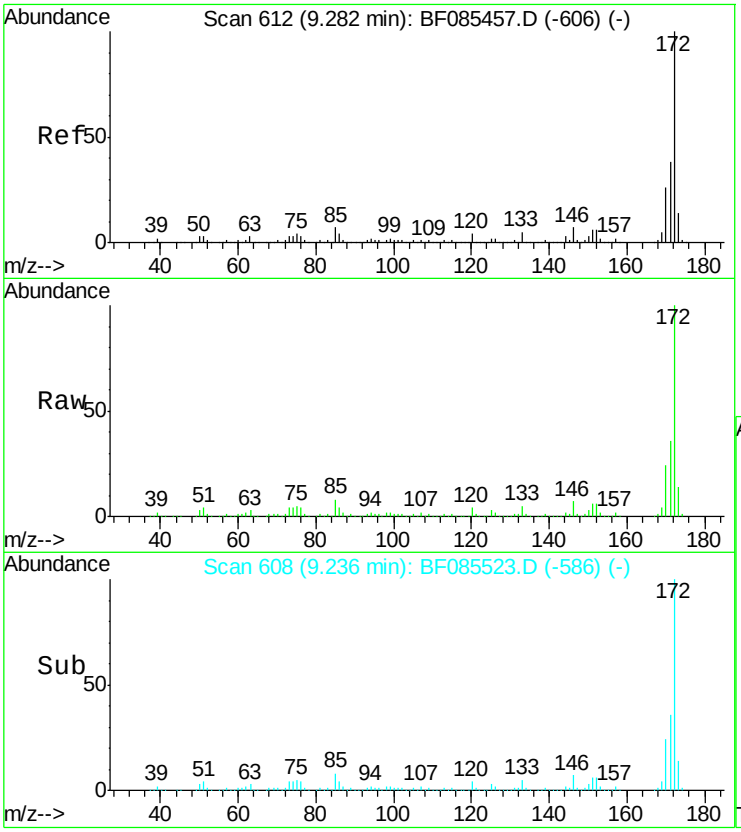


#41
2,4,6-Tribromophenol
Concen: 111.49 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion:330 Resp: 223168

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	35.0	35.0	52.6#



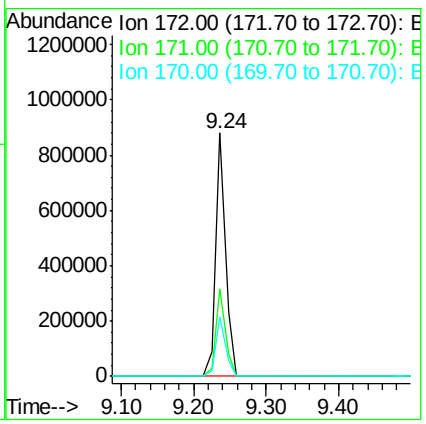


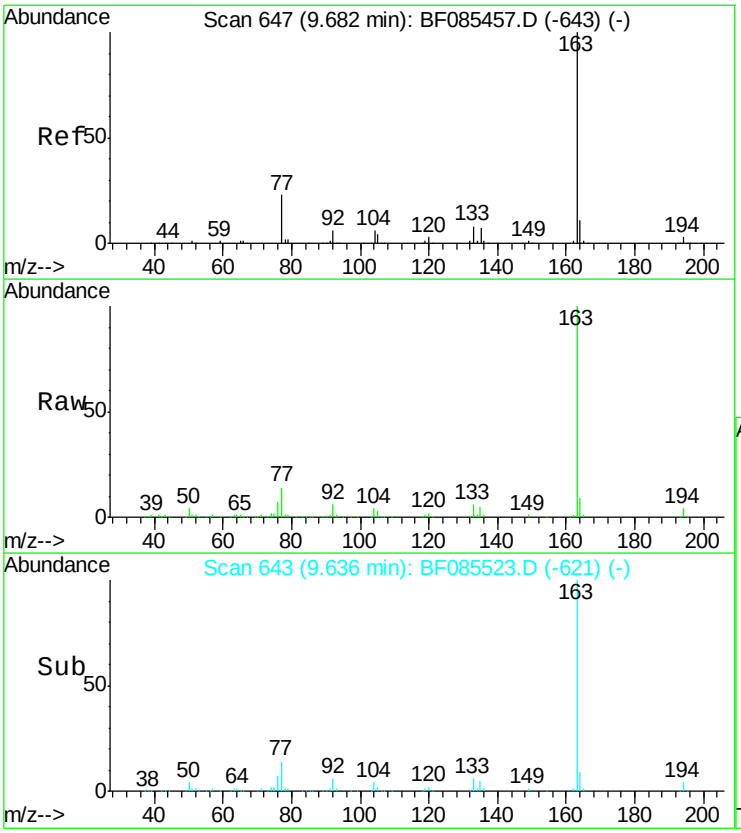
#44
2-Fluorobiphenyl
Concen: 66.62 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion:172 Resp: 834585

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	24.2	20.0	30.0

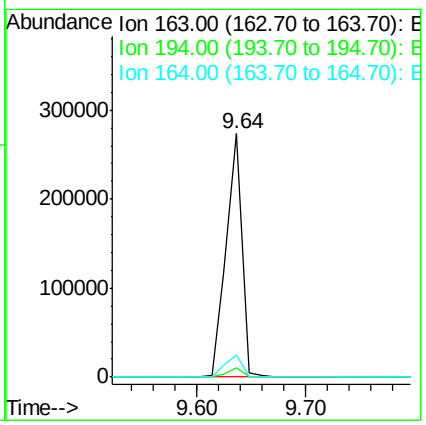


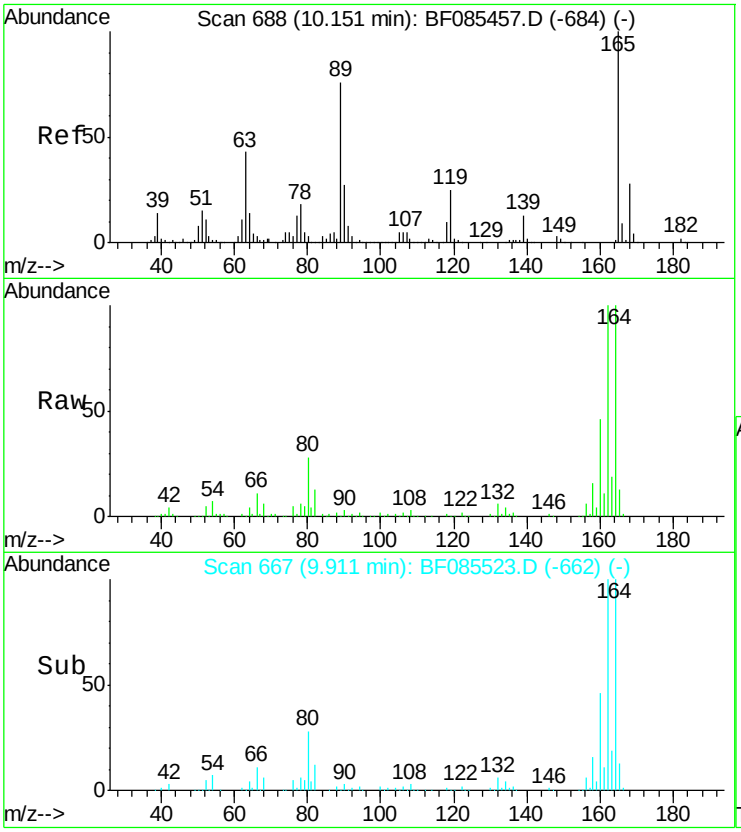


#49
Dimethylphthalate
Concen: 17.26 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion:163 Resp: 273643

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.4	8.2	12.4



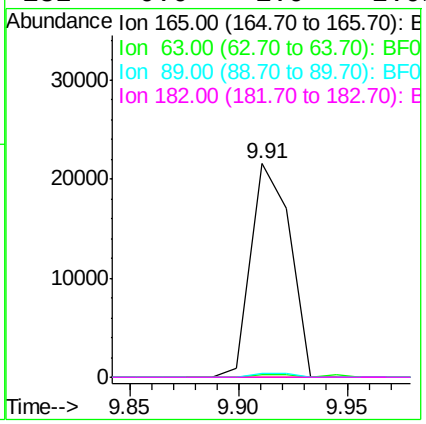


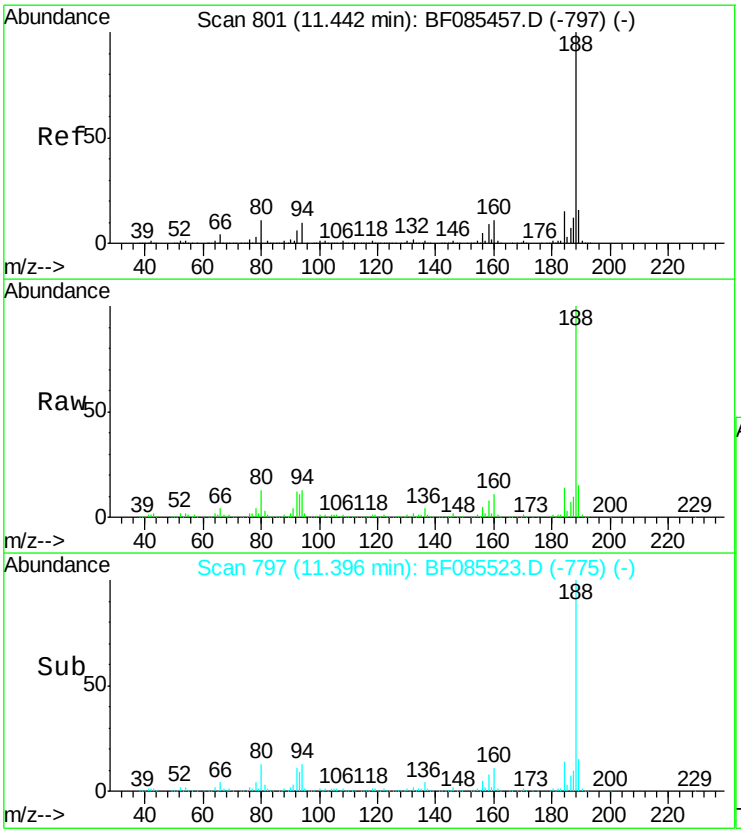
#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.24 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion:165 Resp: 27047

Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.4	53.0#
89	1.5	61.9	92.9#
182	0.0	1.9	2.9#

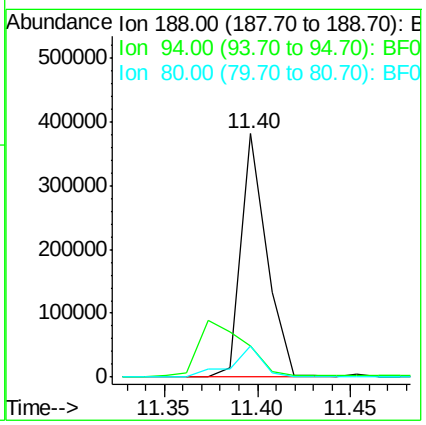


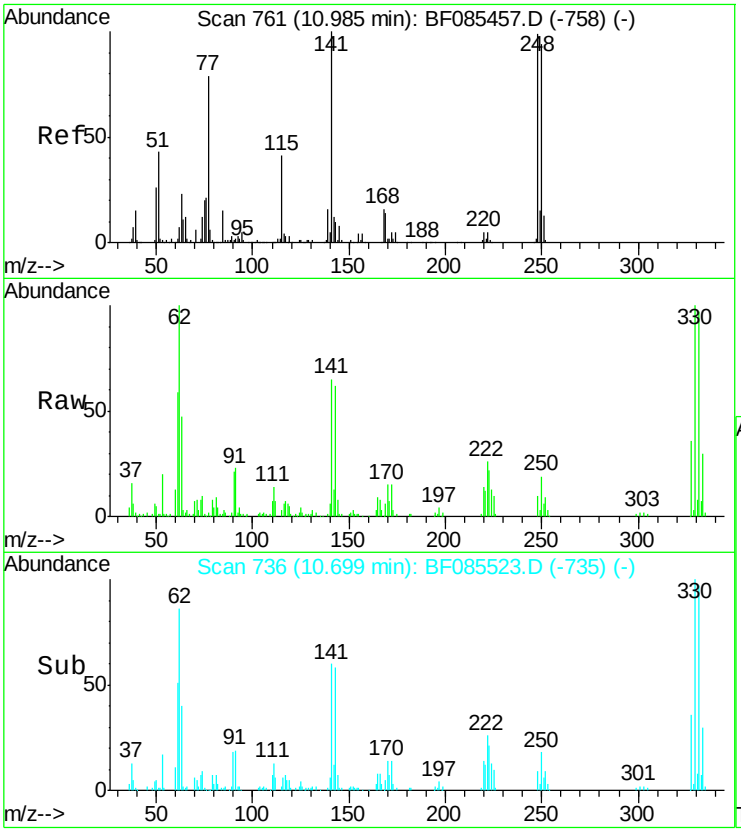


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion:188 Resp: 367108

Ion	Ratio	Lower	Upper
188	100		
94	12.8	7.0	10.6#
80	12.8	7.4	11.0#



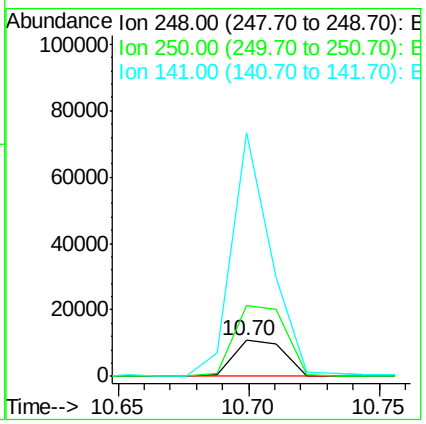


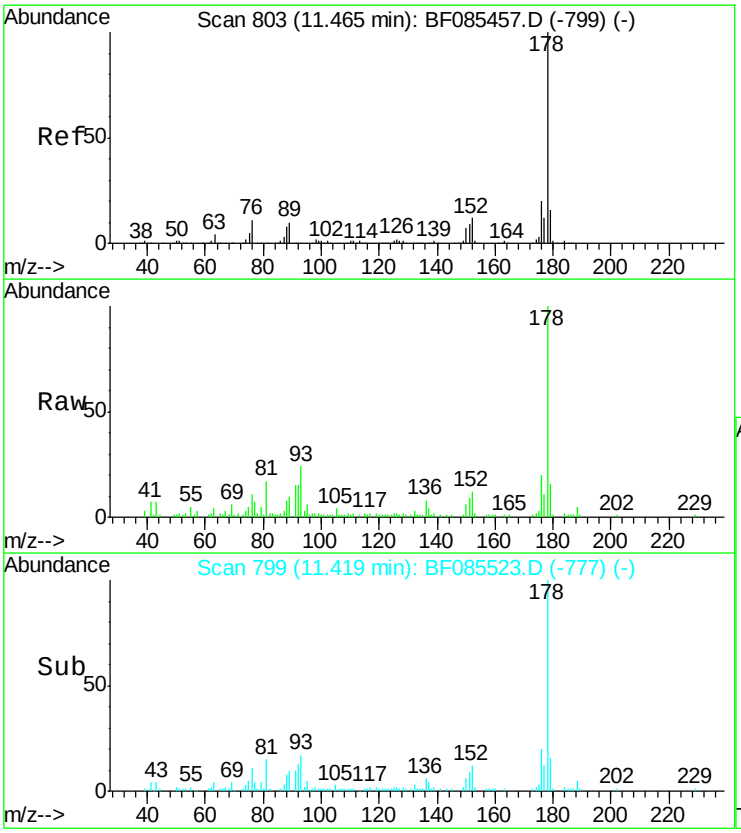
#66
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 10.70 min Scan# 736
Delta R.T. -0.29 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion:248 Resp: 14612

Ion	Ratio	Lower	Upper
248	100		
250	194.4	77.1	115.7#
141	673.0	66.2	99.2#

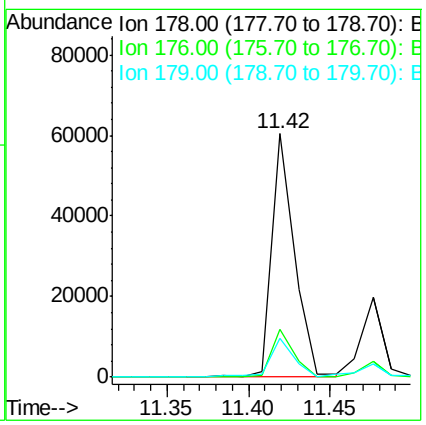


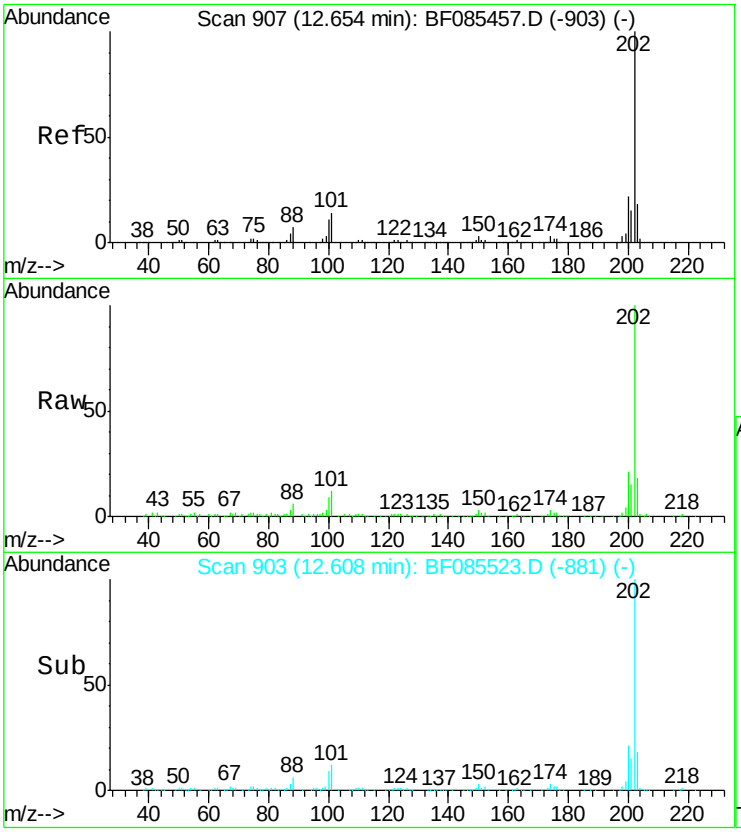


#70
Phenanthrene
Concen: 3.07 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion:178 Resp: 58681

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.8	25.2
179	15.7	13.1	19.7



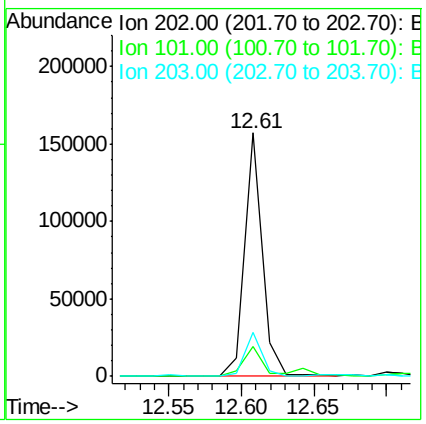


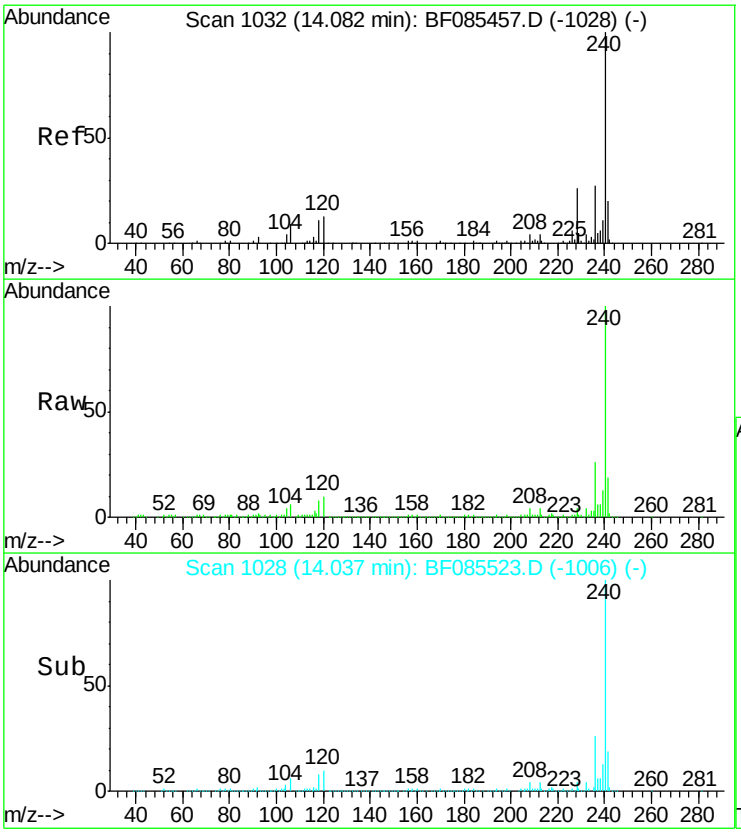
#74
Fluoranthene
Concen: 7.43 ng
RT: 12.61 min Scan# 903
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion:202 Resp: 133627

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.8
203	17.9	0.0	38.4

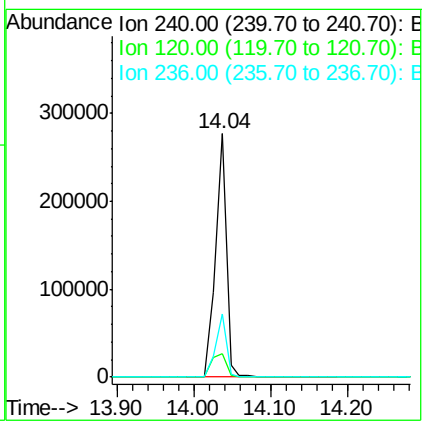


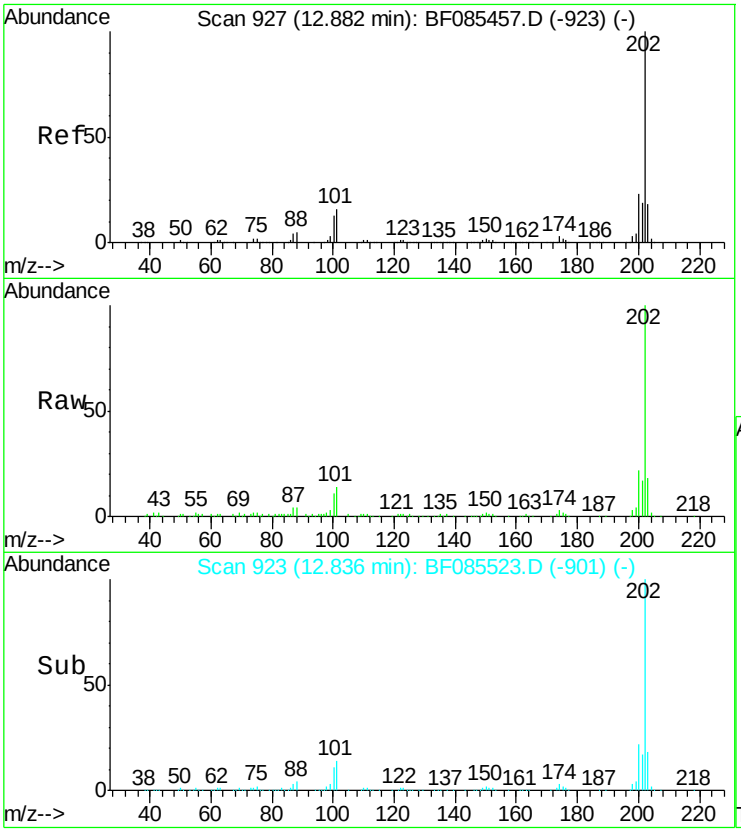


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion:240 Resp: 271935

Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.3	7.9#
236	26.1	20.7	31.1



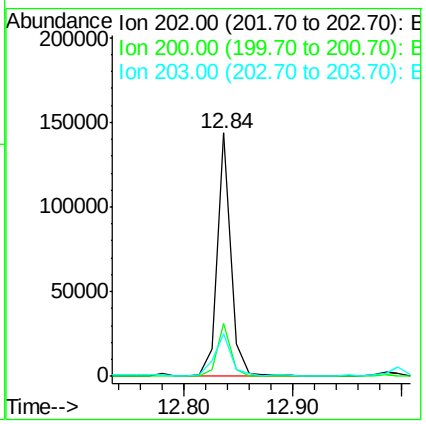


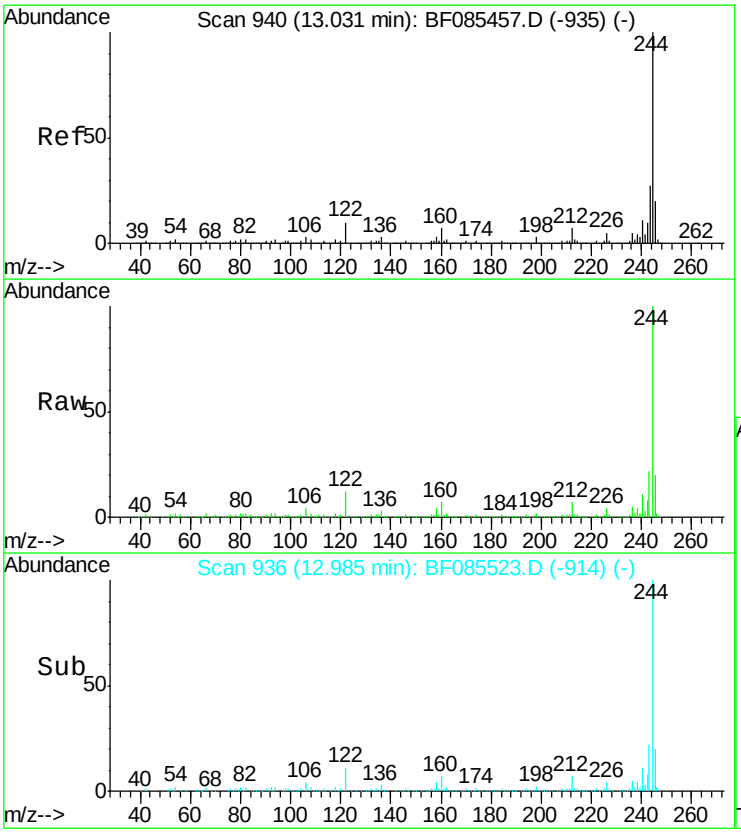
#77
Pyrene
Concen: 6.27 ng
RT: 12.84 min Scan# 923
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion:202 Resp: 127911

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.2	27.4
203	17.6	14.7	22.1

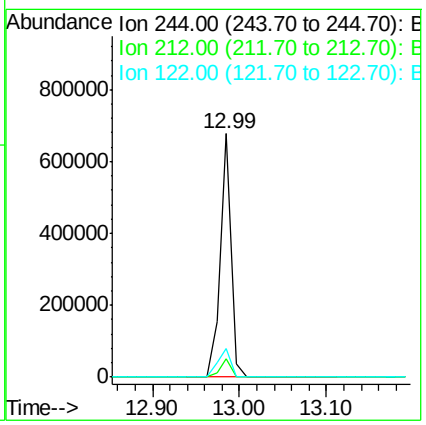


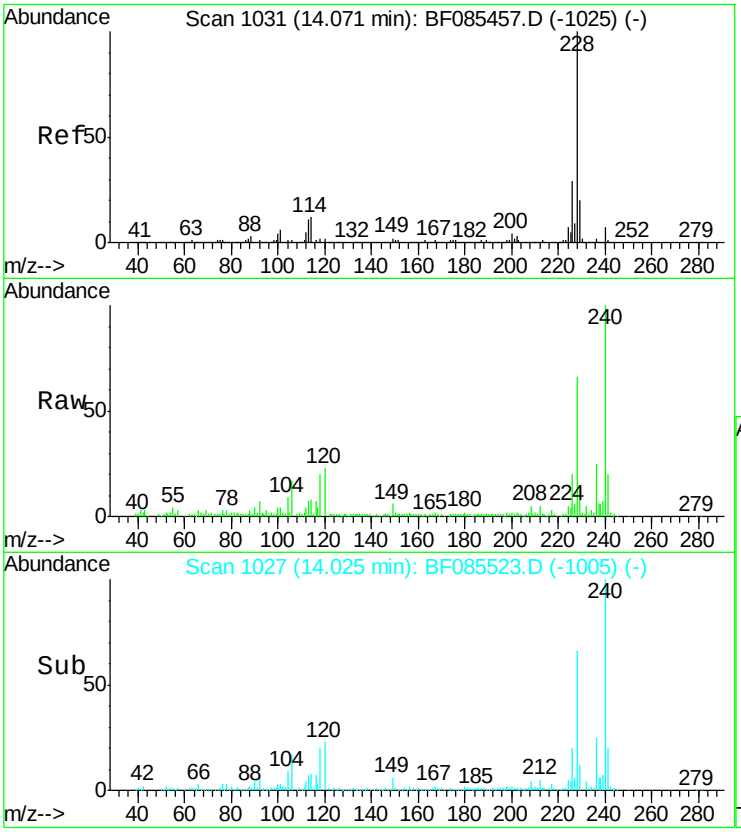


#78
Terphenyl-d14
Concen: 50.04 ng
RT: 12.99 min Scan# 936
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion:244 Resp: 601560

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	11.6	11.4	17.2



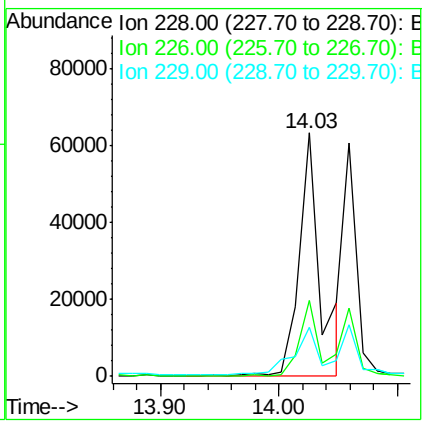


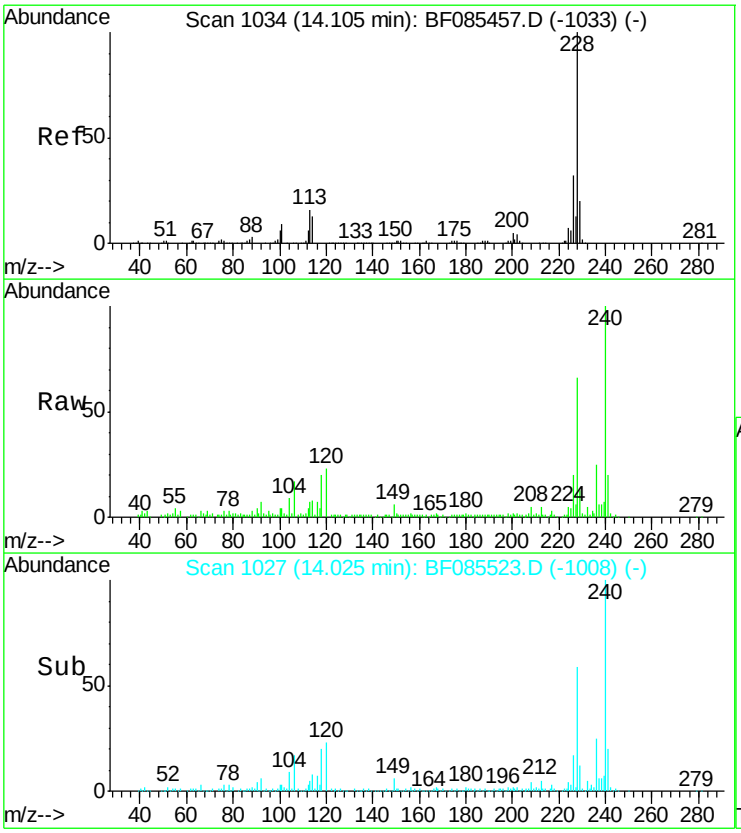
#80
Benzo(a)anthracene
Concen: 5.02 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion:228 Resp: 78203

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.8	34.2
229	20.3	16.6	24.8

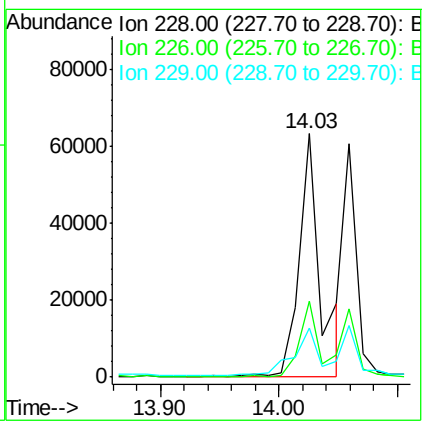


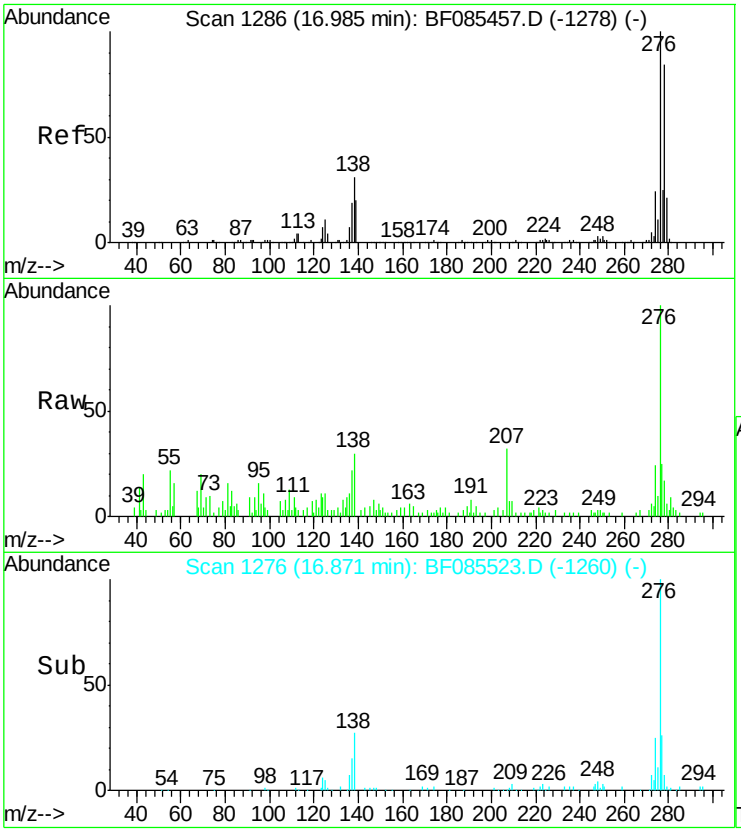


#82
Chrysene
Concen: 5.58 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion:228 Resp: 78203

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.2	37.8
229	20.3	16.0	24.0



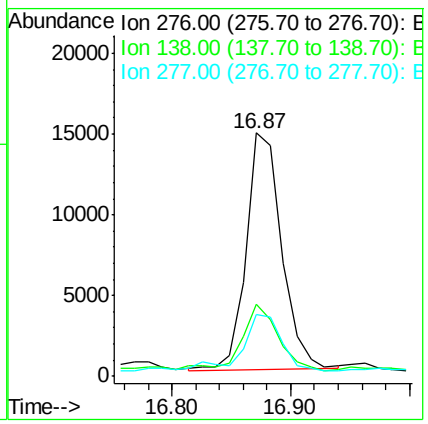


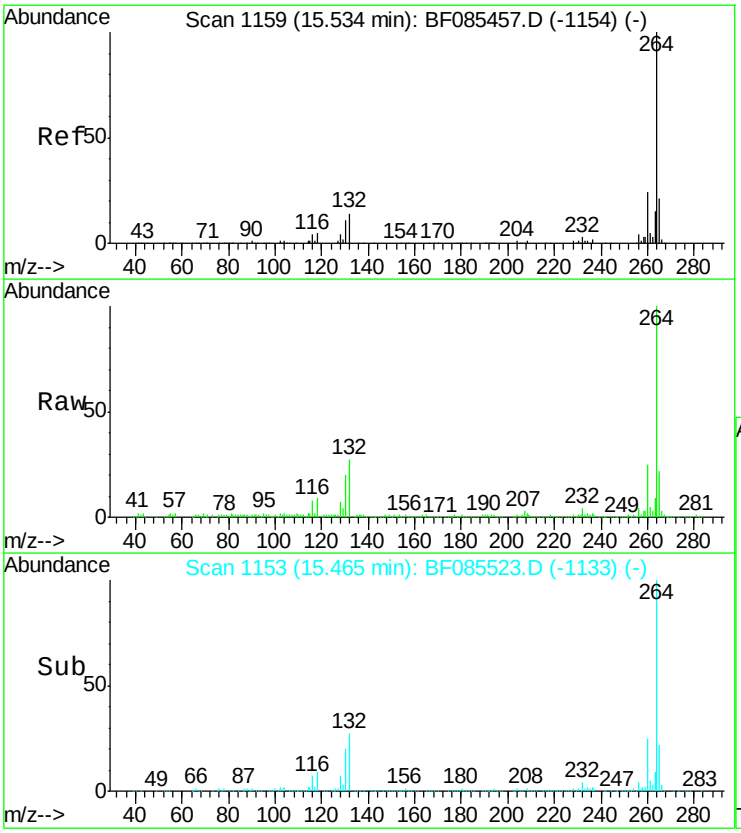
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.31 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.11 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion:276 Resp: 30654

Ion	Ratio	Lower	Upper
276	100		
138	30.6	26.4	39.6
277	38.8	20.2	30.2#

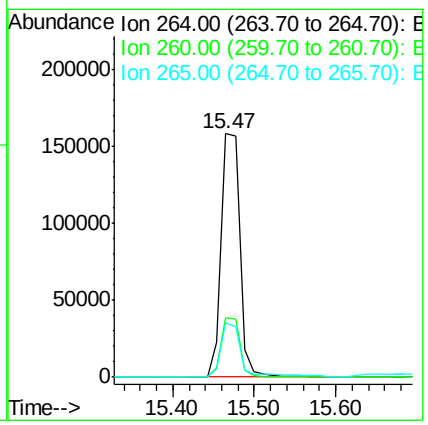


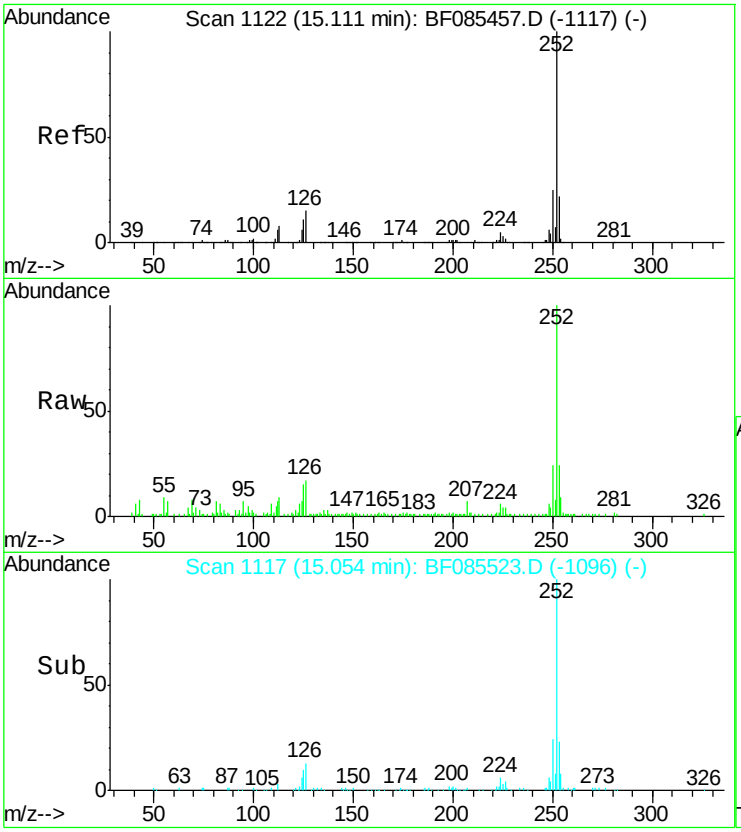


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion:264 Resp: 252023

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.4	17.3	25.9



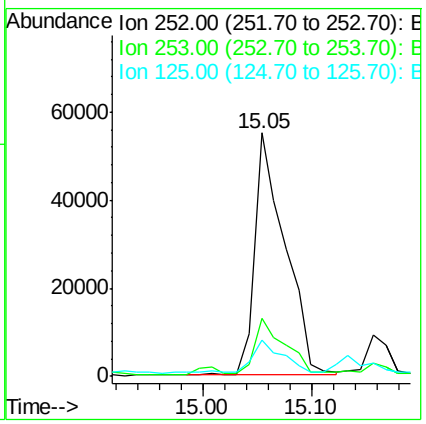


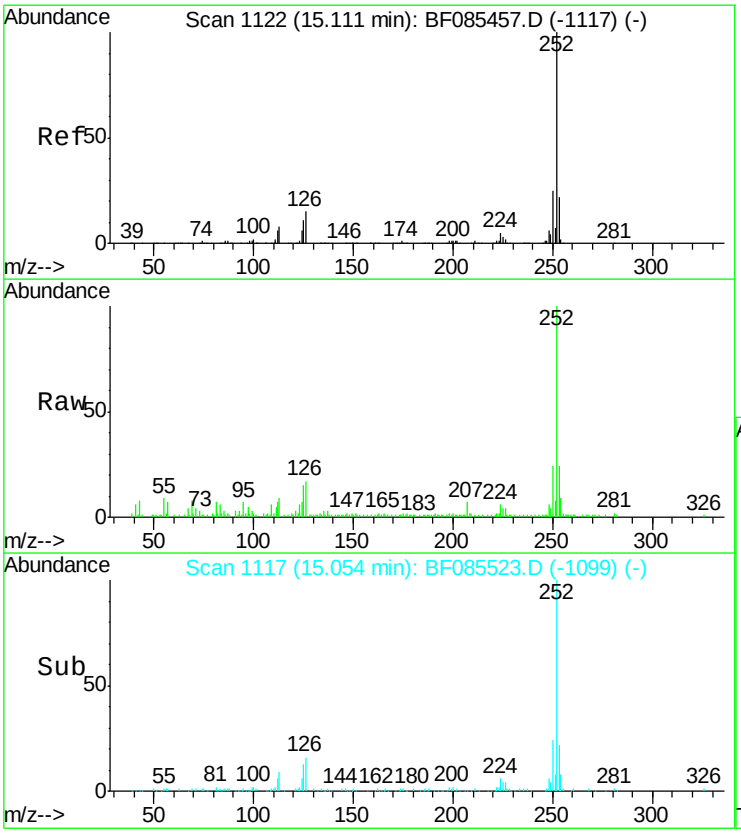
#87
Benzo(b)fluoranthene
Concen: 6.48 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.06 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion:252 Resp: 106722

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	14.6	11.3	16.9

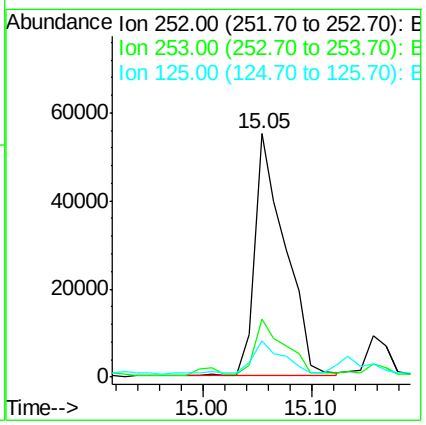


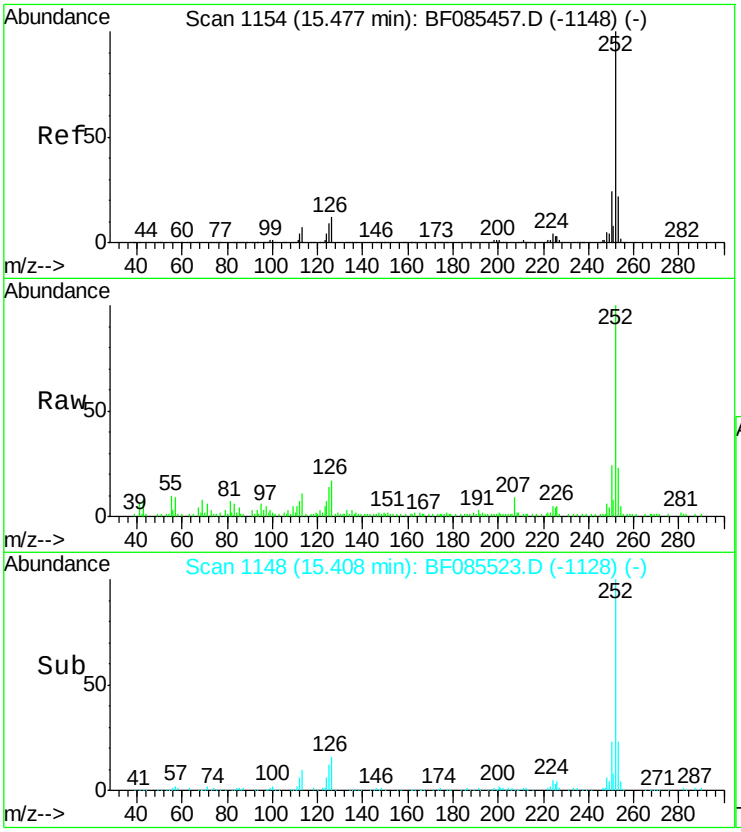


#88
Benzo(k)fluoranthene
Concen: 8.28 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.09 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion:252 Resp: 106722

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	14.6	10.4	15.6



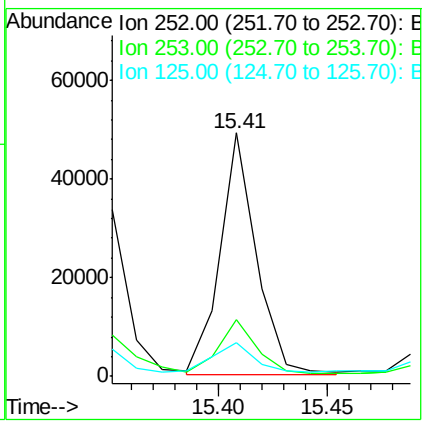


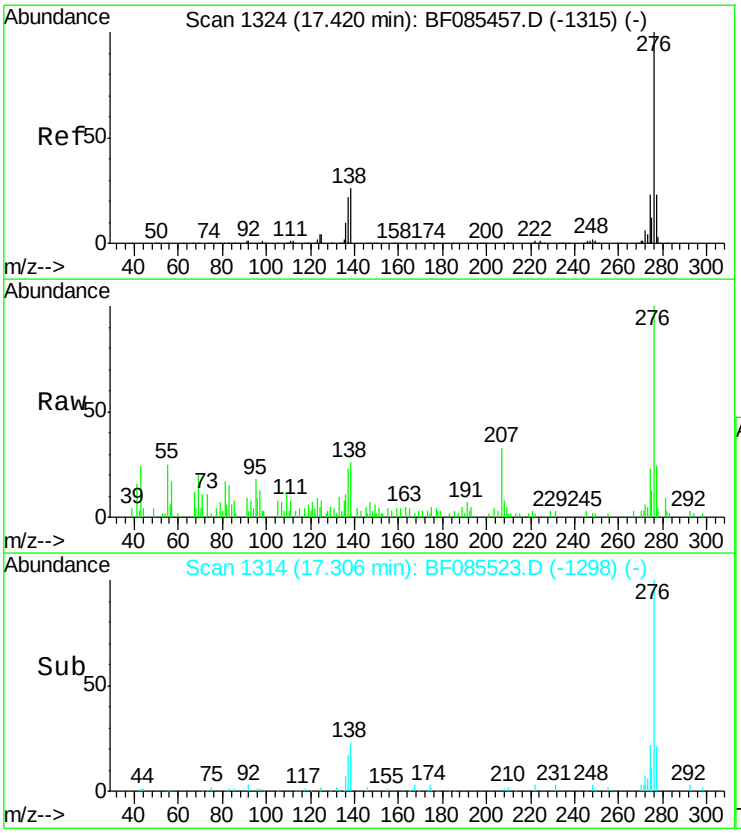
#89
Benzo(a)pyrene
Concen: 3.98 ng
RT: 15.41 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion:252 Resp: 56659

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	14.0	8.2	12.4#





#91
Benzo(g,h,i)perylene
Concen: 2.34 ng
RT: 17.31 min Scan# 1314
Delta R.T. -0.11 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion:276 Resp: 33243

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	25.5	22.5	33.7