Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085512.D
Acq On : 18 Mar 2016 1:05
Operator : UM/SJ
Sample : H1774-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32-COMP

Quant Time: Mar 18 02:04:21 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	6.88	152	141586	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	603226	20.00	ng		-0.05
38) Acenaphthene-d10	9.91	164	250597	20.00	ng		-0.05
63) Phenanthrene-d10	11.40	188	444063	20.00	ng		-0.05
75) Chrysene-d12	14.04	240	310264	20.00	ng		-0.05
86) Perylene-d12	15.48	264	289524	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1319631	160.21	ng		-0.02
7) Phenol-d6	6.52	99	1597561	149.52	ng		-0.03
23) Nitrobenzene-d5	7.44	82	902927	88.50	ng		-0.05
41) 2,4,6-Tribromophenol	10.71	330	393427	170.45	ng		-0.05
44) 2-Fluorobiphenyl	9.24	172	1475518	102.15	ng		-0.05
78) Terphenyl-d14	12.98	244	1062285	77.45	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	28321	4.75	ng		80
15) Benzyl Alcohol	7.03	79	15337	2.01	ng	#	48
19) n-Nitroso-di-n-propylamine	7.44	70	120735	18.87	ng	#	77
25) Isophorone	7.44	82	658056	31.63	ng	#	67
49) Dimethylphthalate	9.64	163	311221	17.02	ng		98
56) 2,4-Dinitrotoluene	9.91	165	31786	6.27	ng	#	22
66) 4-Bromophenyl-phenylether	10.71	248	25916	5.77	ng	#	1
70) Phenanthrene	11.42	178	138180	5.97	ng		97
74) Fluoranthene	12.61	202	289017	13.29	ng		98
77) Pyrene	12.84	202	252315	10.84	ng		98
80) Benzo(a)anthracene	14.03	228	107233	6.03	ng		98
82) Chrysene	14.06	228	121957	7.62	ng		98
85) Indeno(1,2,3-cd)pyrene	16.88	276	70867	4.67	ng		93
87) Benzo(b)fluoranthene	15.05	252	205688	10.88	ng		98
88) Benzo(k)fluoranthene	15.05	252	205688	13.89	ng		97
89) Benzo(a)pyrene	15.41	252	99464	6.09	ng	#	95
91) Benzo(g,h,i)perylene	17.31	276	66262	4.07	ng		99

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

Quantitation Report (Not Reviewed)

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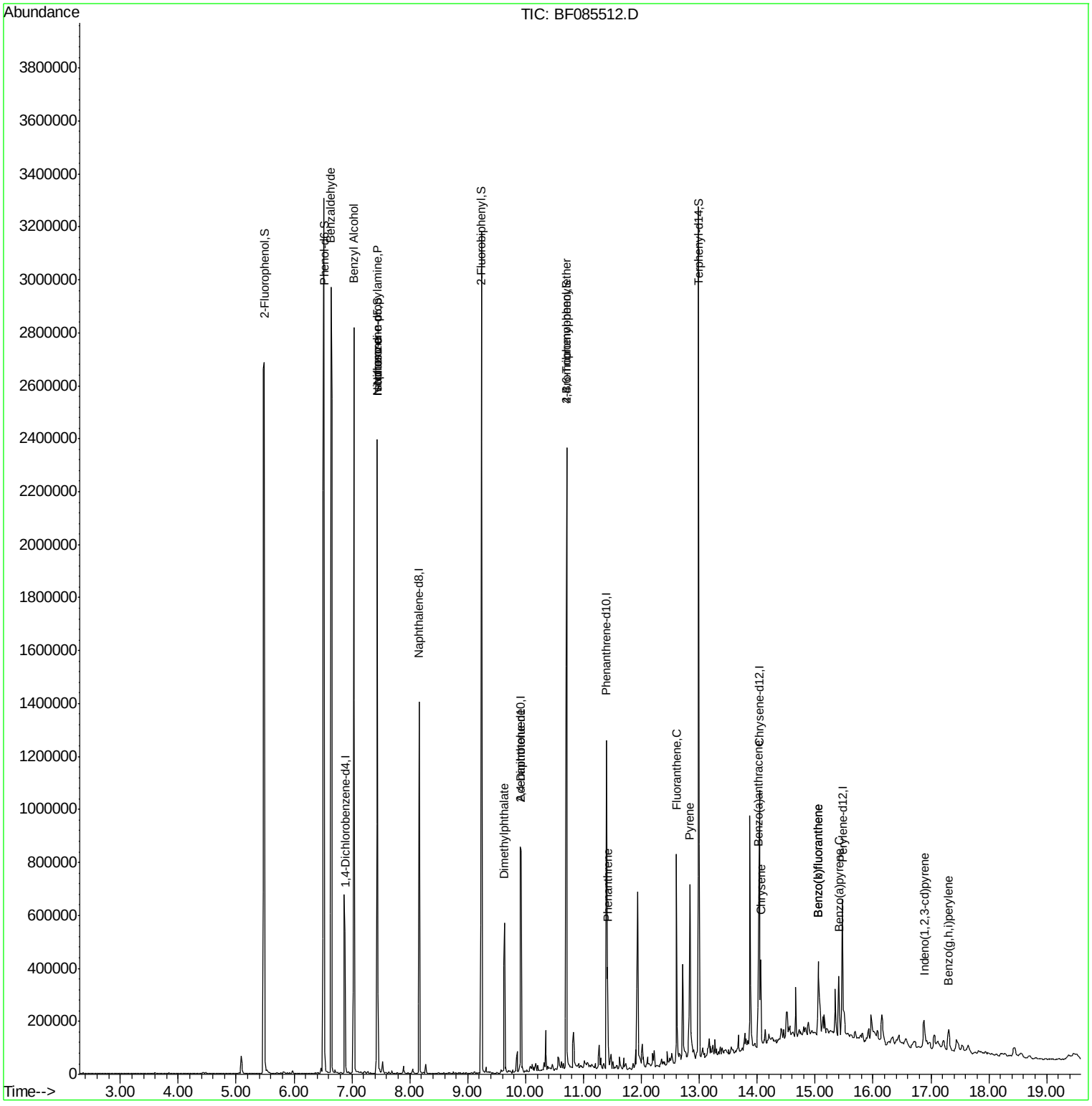
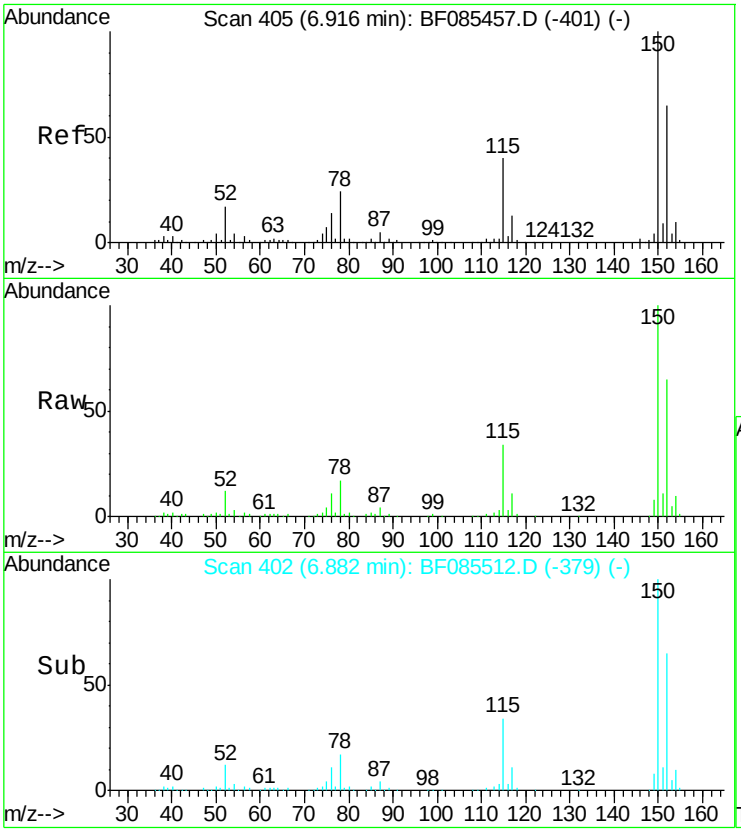


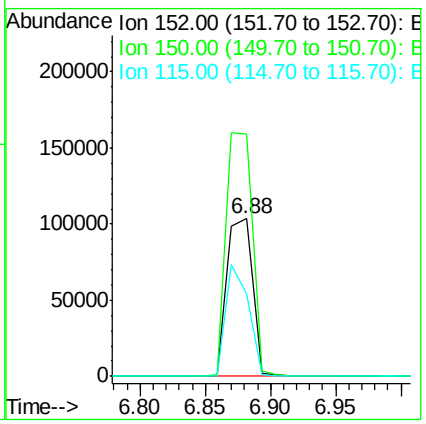


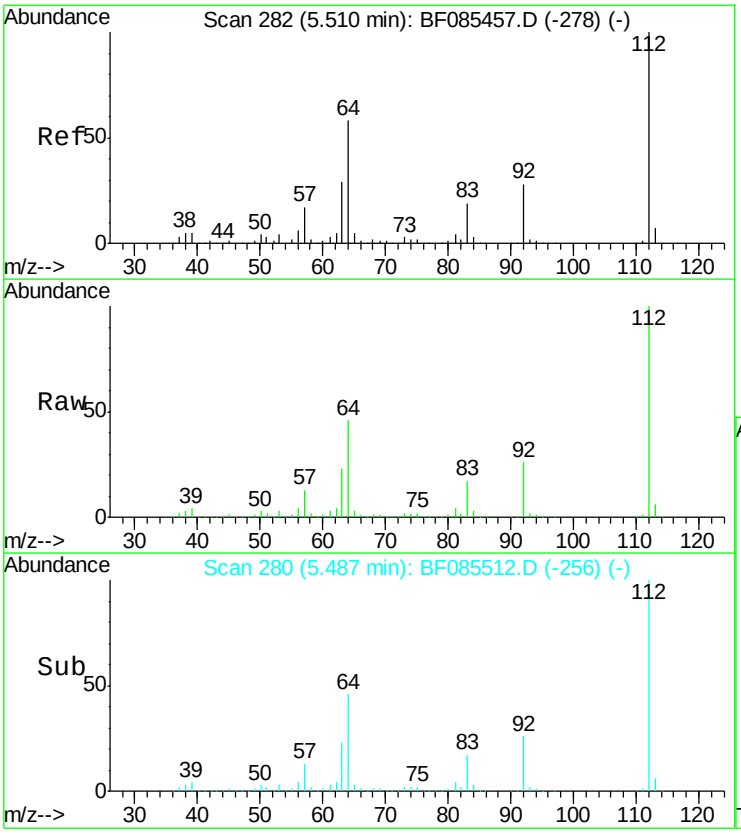
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:152 Resp: 141586

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	52.0	46.6	70.0

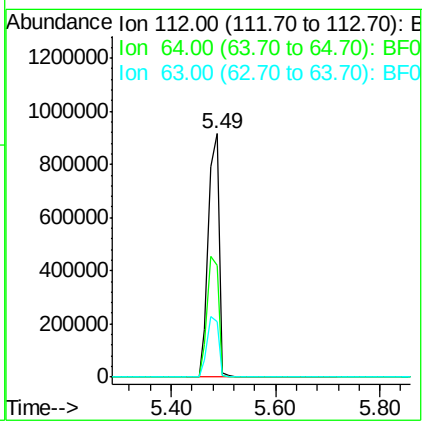


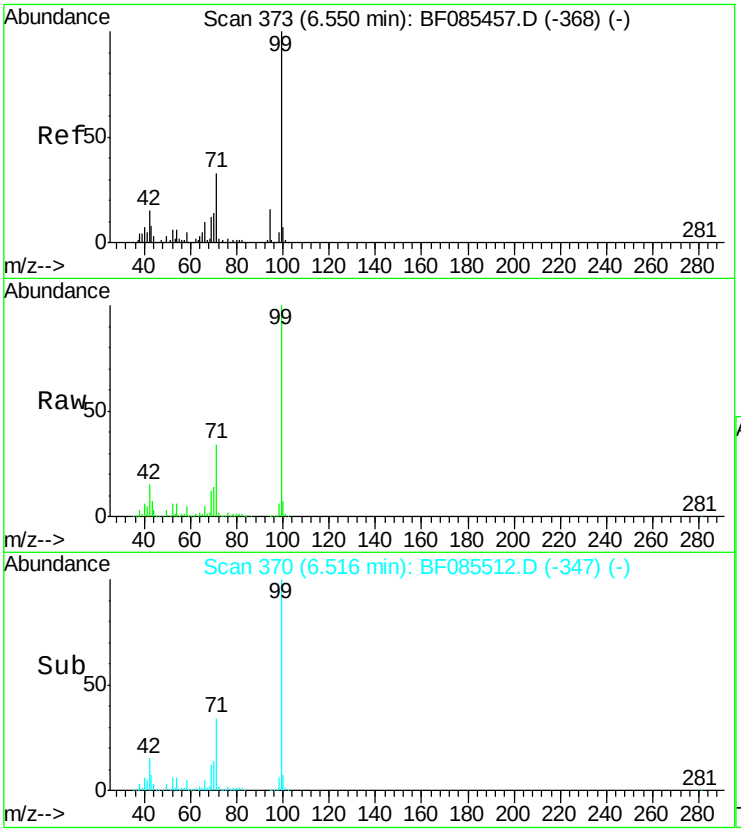


#5
2-Fluorophenol
Concen: 160.21 ng
RT: 5.49 min Scan# 280
Delta R.T. -0.02 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion:112 Resp: 1319631

Ion	Ratio	Lower	Upper
112	100		
64	45.7	49.0	73.4#
63	22.9	24.8	37.2#



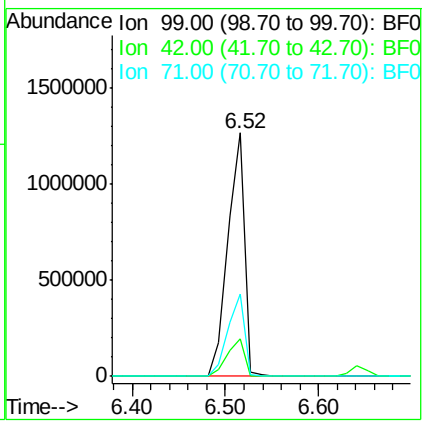


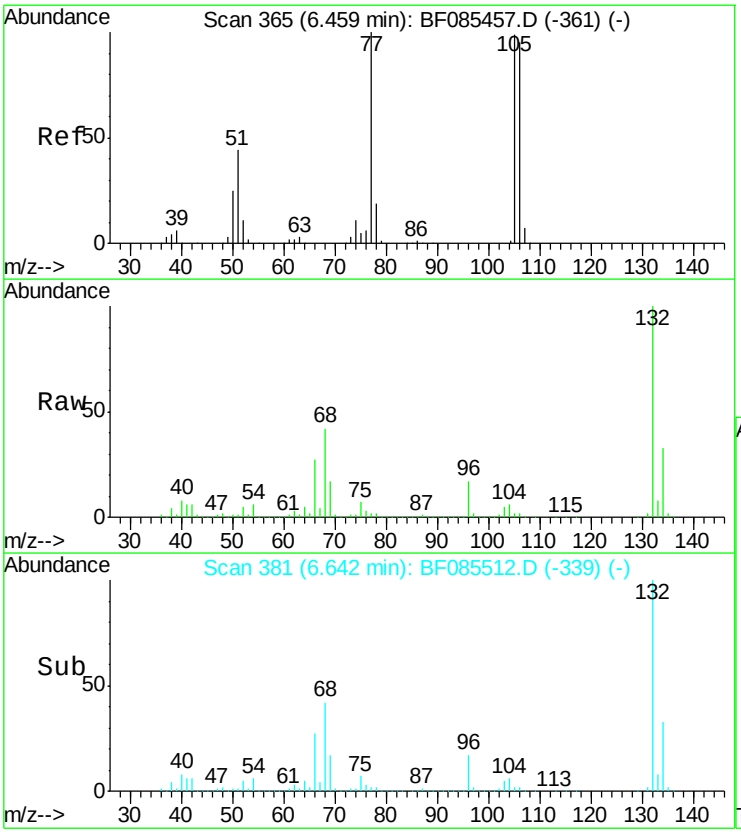
#7
Phenol-d6
Concen: 149.52 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion: 99 Resp: 1597561

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.6	20.4
71	33.9	26.7	40.1

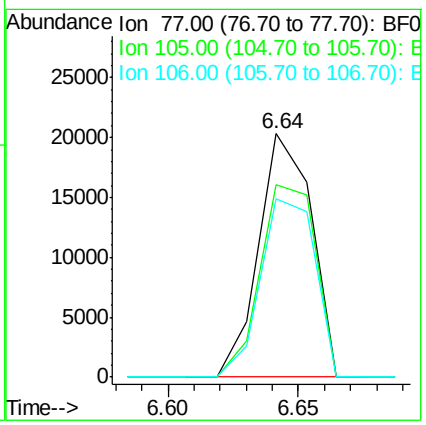


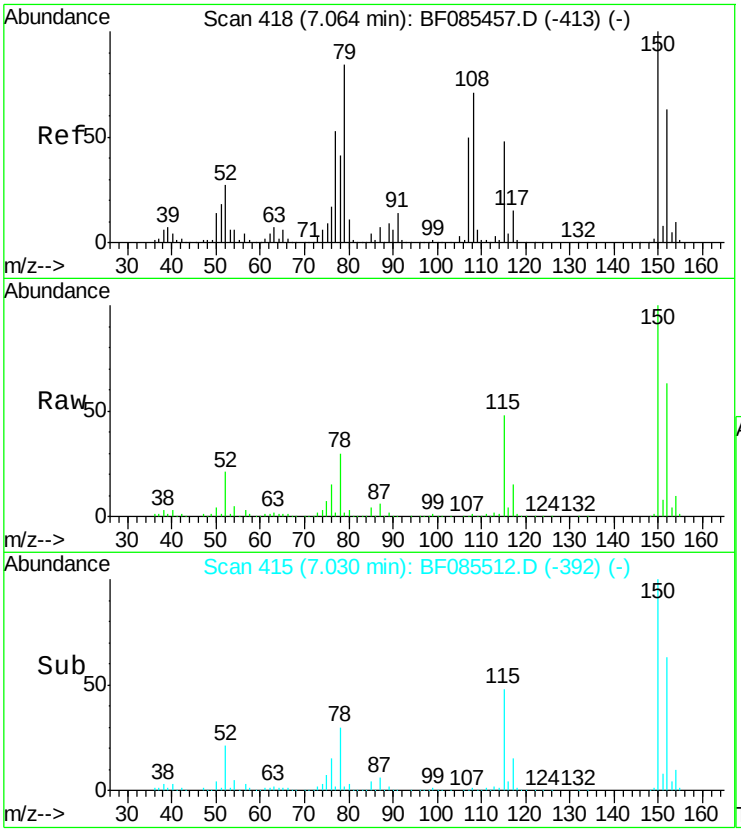


#9
Benzaldehyde
Concen: 4.75 ng
RT: 6.64 min Scan# 381
Delta R.T. 0.18 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion: 77 Resp: 28321

Ion	Ratio	Lower	Upper
77	100		
105	78.9	78.2	118.2
106	73.0	72.9	112.9



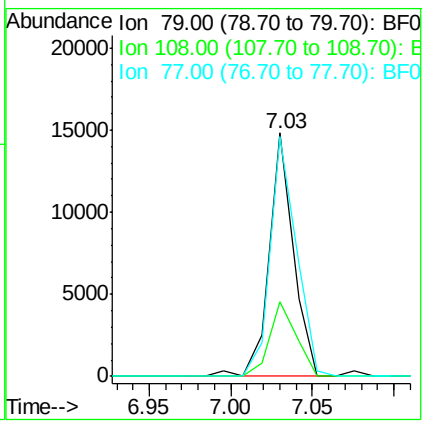


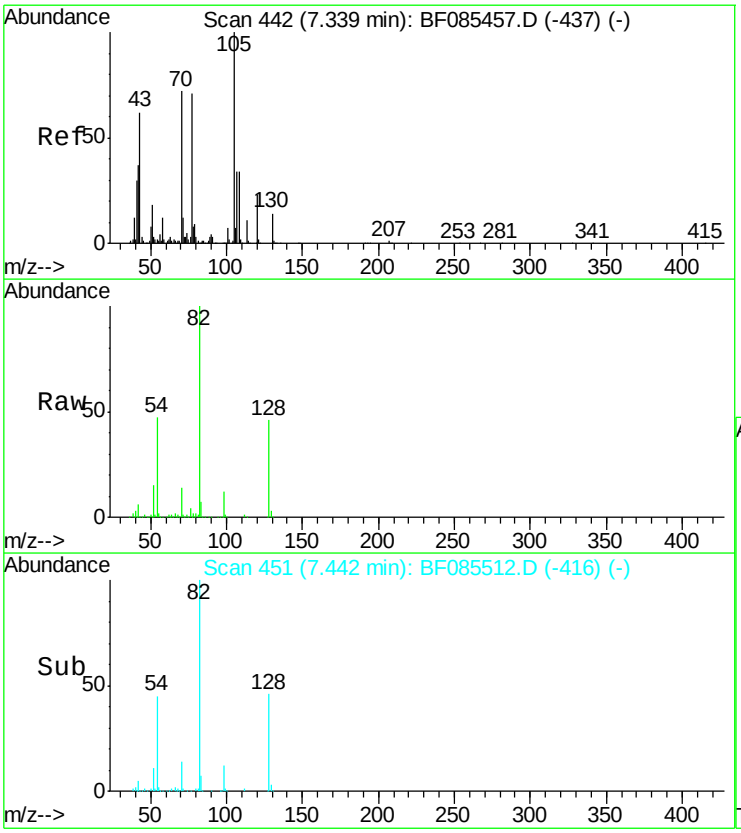
#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 7.03 min Scan# 415
Delta R.T. -0.03 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion: 79 Resp: 15337

Ion	Ratio	Lower	Upper
79	100		
108	30.5	62.9	94.3#
77	98.5	49.5	74.3#

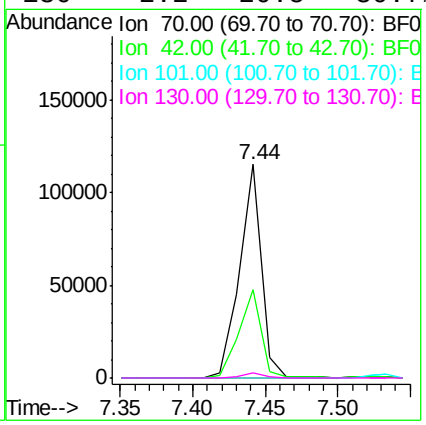


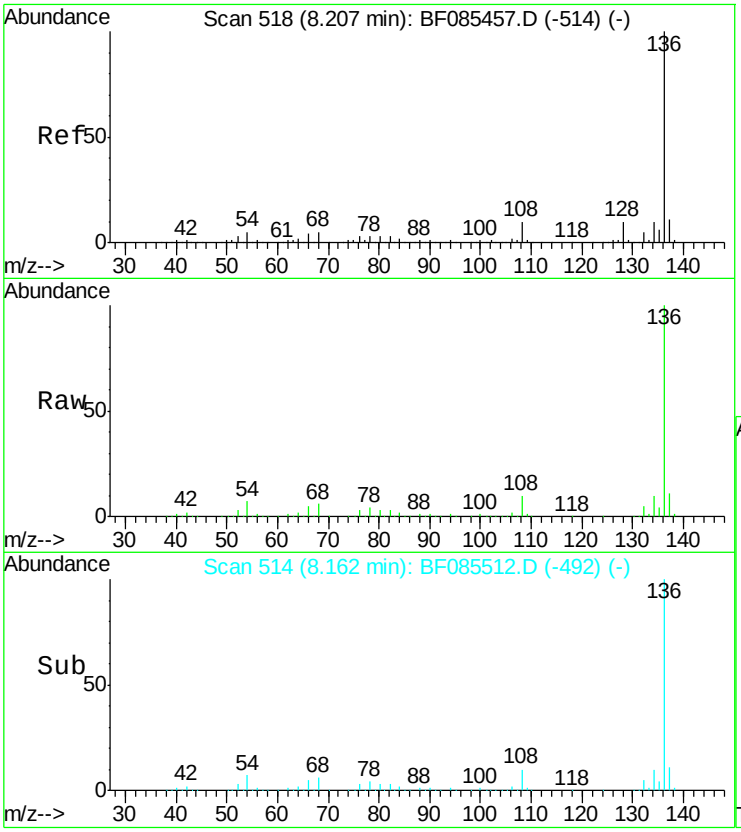


#19
n-Nitroso-di-n-propylamine
Concen: 18.87 ng
RT: 7.44 min Scan# 451
Delta R.T. 0.10 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion: 70 Resp: 120735

Ion	Ratio	Lower	Upper
70	100		
42	41.4	37.7	56.5
101	0.0	8.2	12.4#
130	2.2	20.5	30.7#



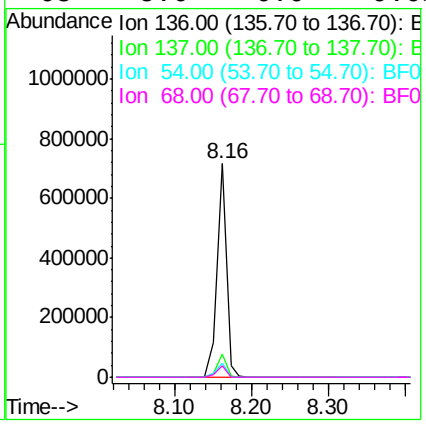


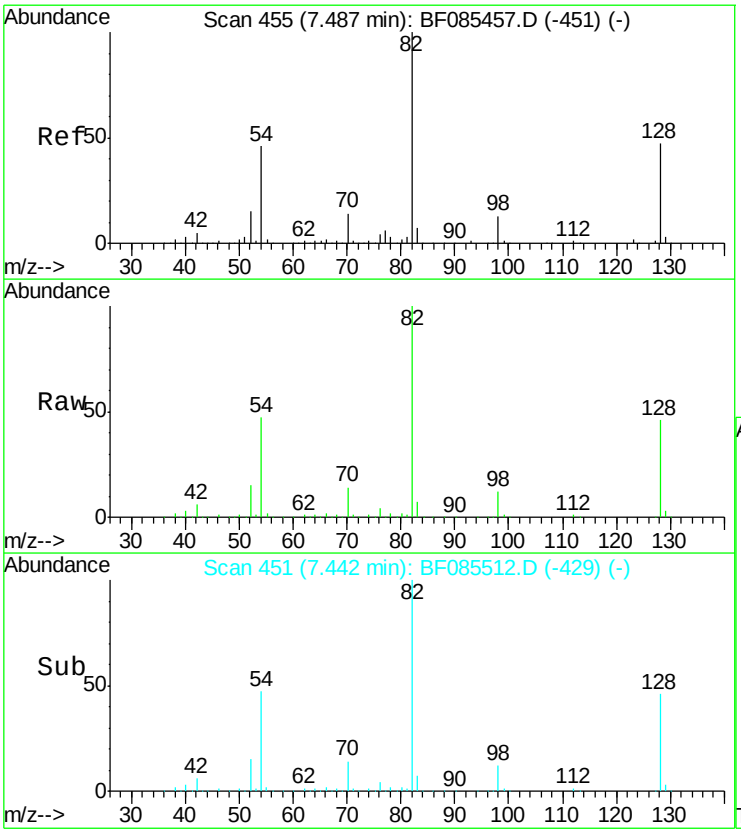
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:136 Resp: 603226

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.3	13.9
54	6.5	7.4	11.2#
68	5.6	6.0	9.0#

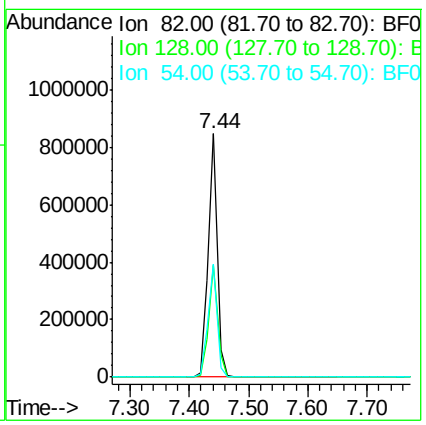


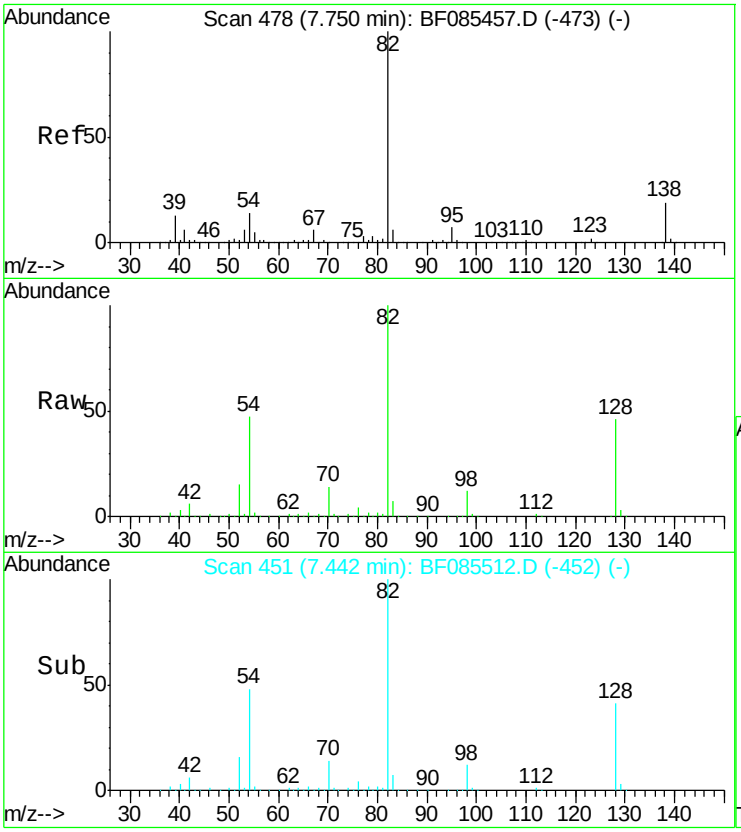


#23
Nitrobenzene-d5
Concen: 88.50 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion: 82 Resp: 902927

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.5	51.7
54	46.6	39.3	58.9



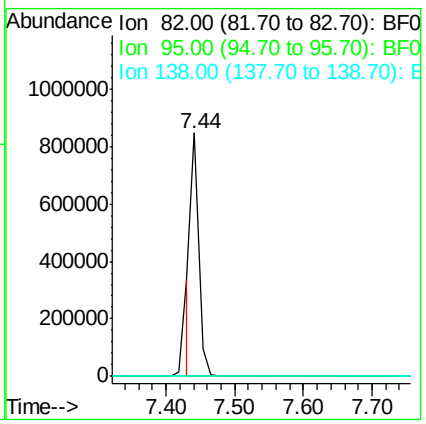


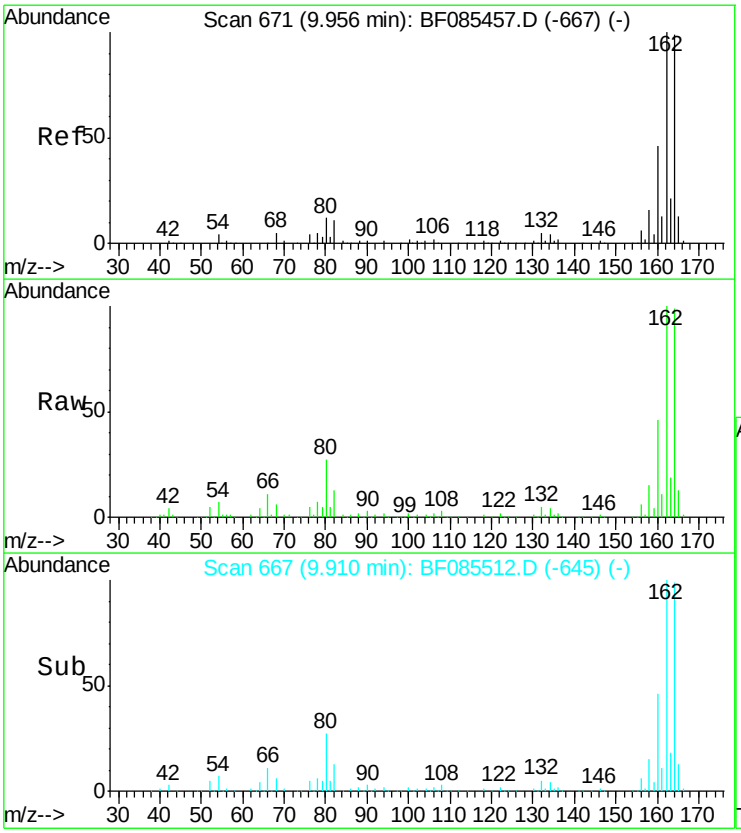
#25
Isophorone
Concen: 31.63 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.31 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion: 82 Resp: 658056

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

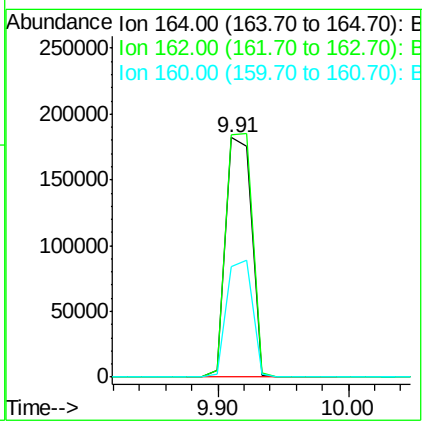


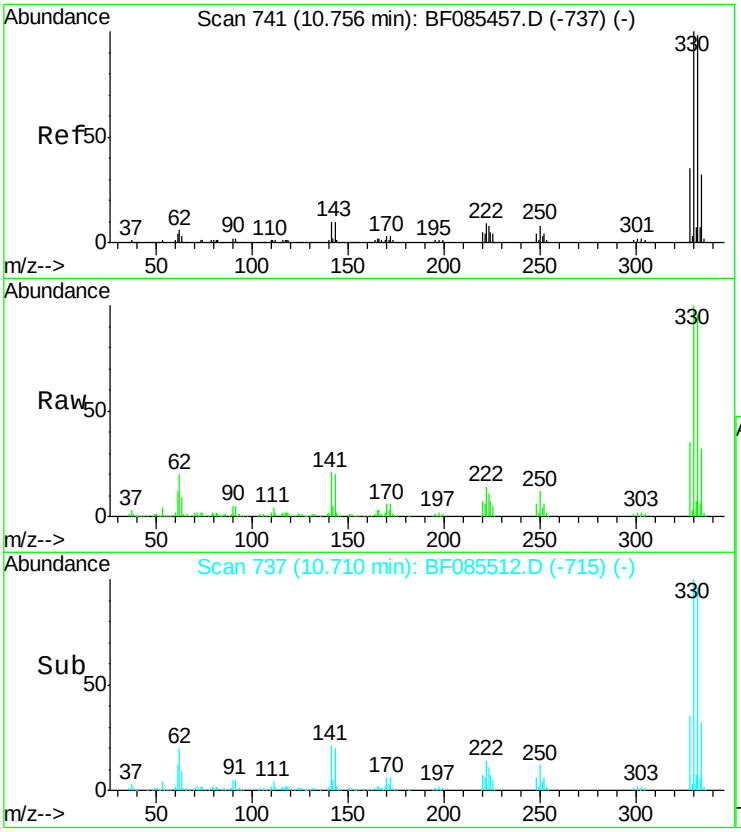


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion:164 Resp: 250597

Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.3	124.9
160	46.3	37.9	56.9



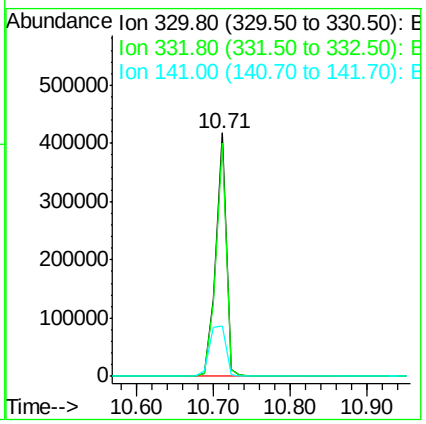


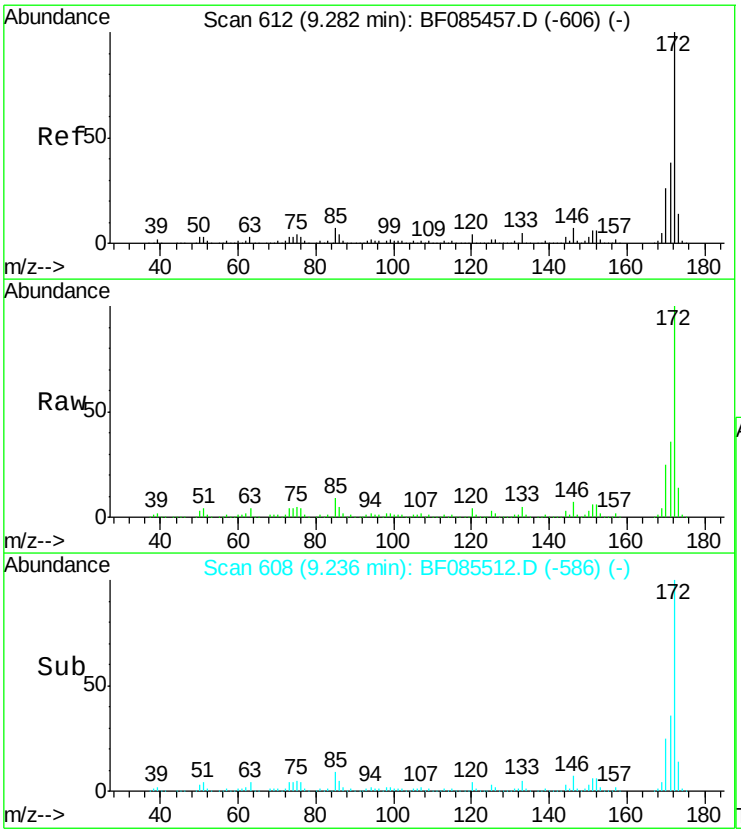
#41
2,4,6-Tribromophenol
Concen: 170.45 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:330 Resp: 393427

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	32.5	35.0	52.6#

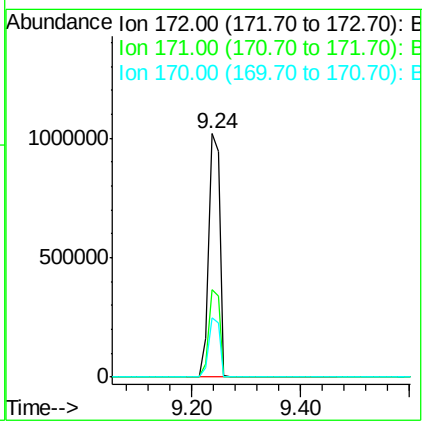


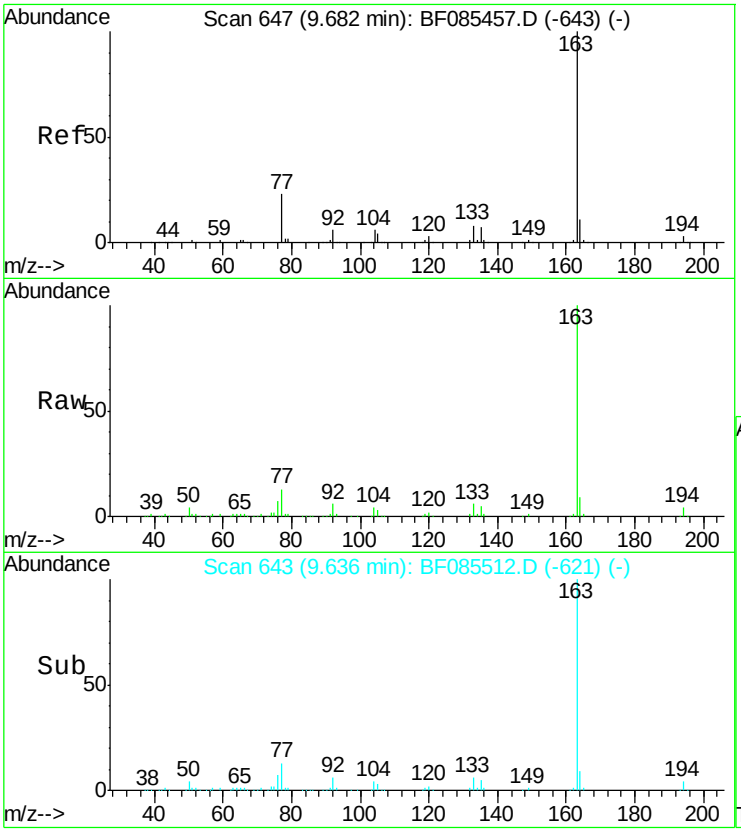


#44
2-Fluorobiphenyl
Concen: 102.15 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion:172 Resp: 1475518

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	24.6	20.0	30.0



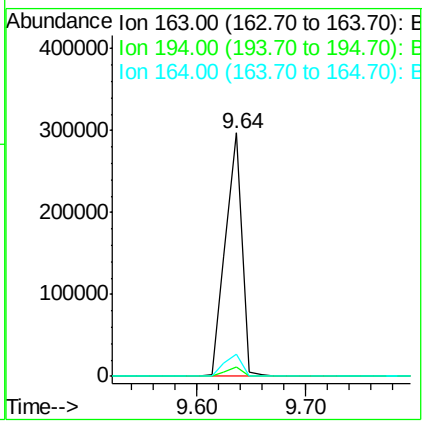


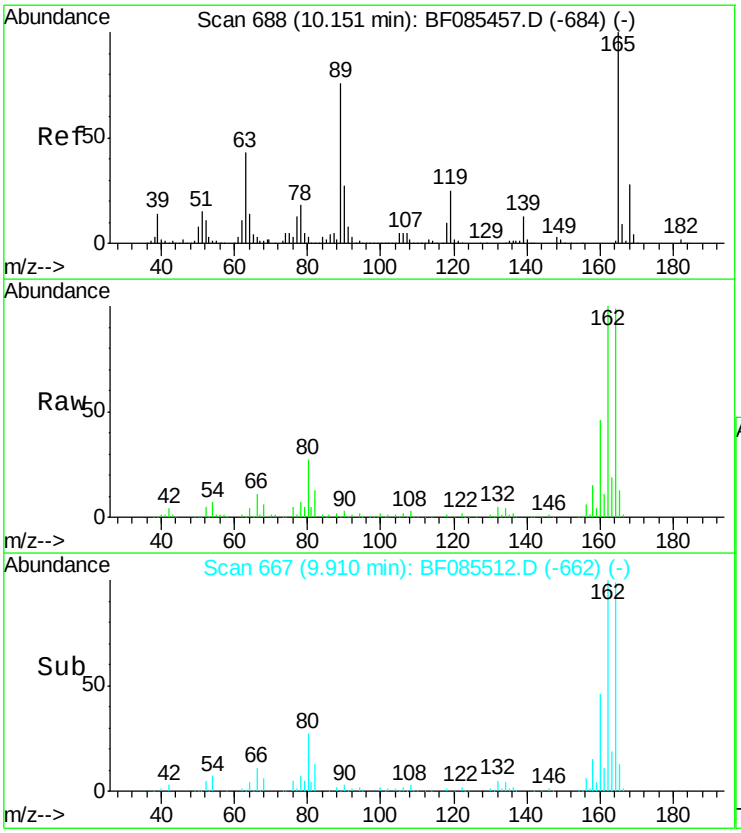
#49
Dimethylphthalate
Concen: 17.02 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:163 Resp: 311221

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.3	8.2	12.4

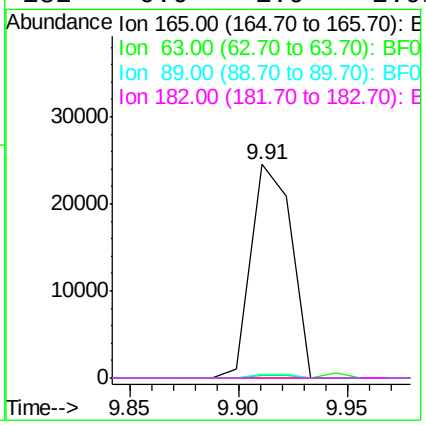


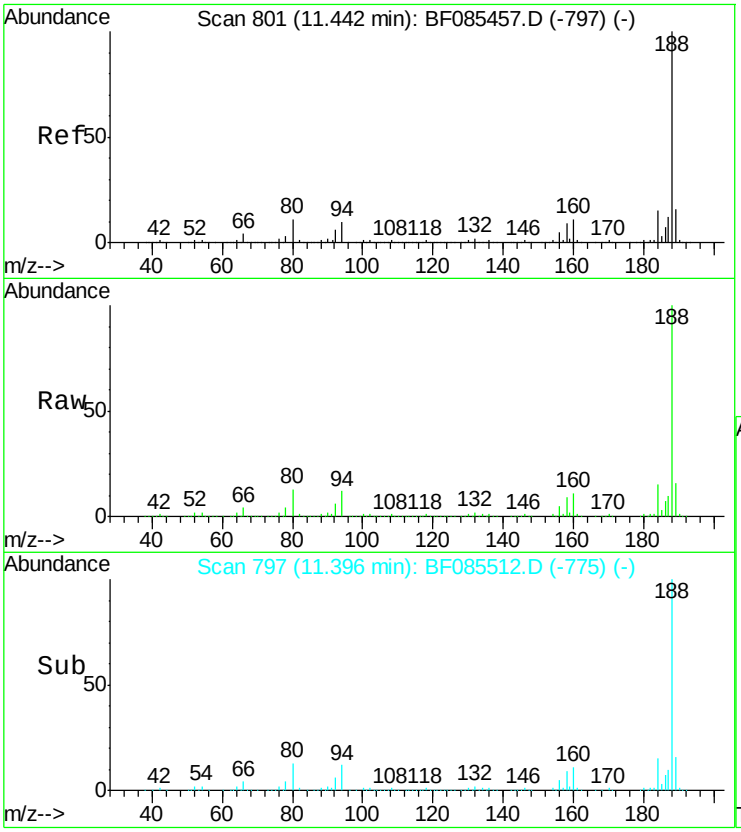


#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.24 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion:165 Resp: 31786

Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.4	53.0#
89	1.6	61.9	92.9#
182	0.0	1.9	2.9#



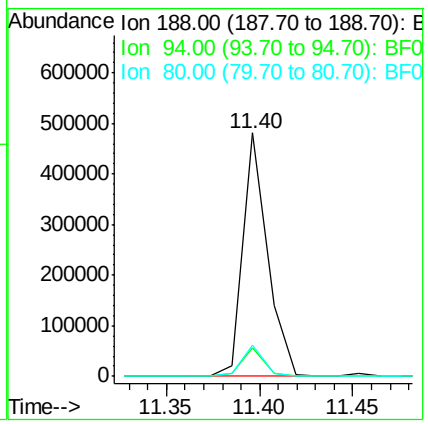


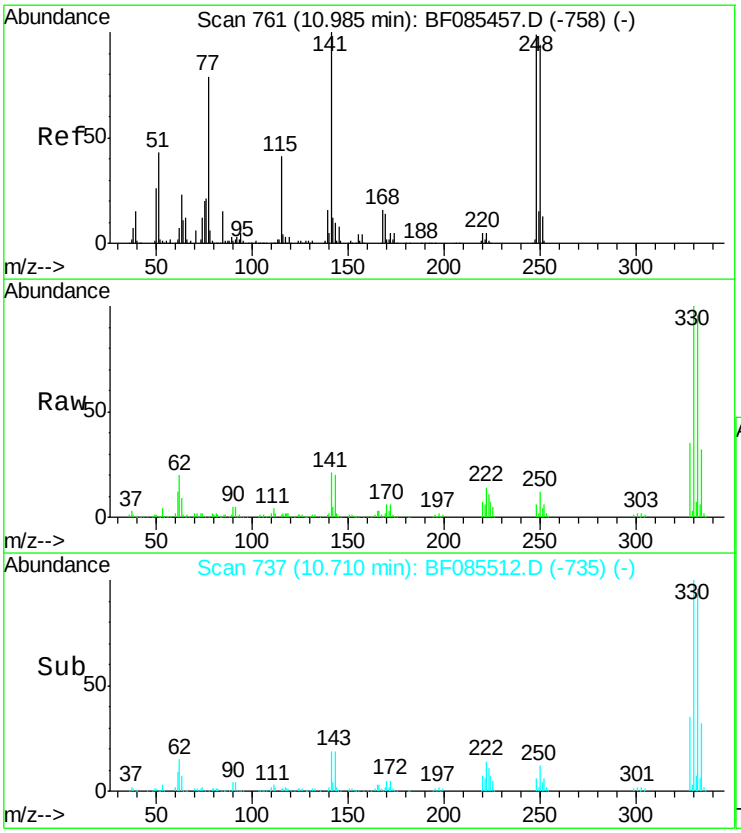
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:188 Resp: 444063

Ion	Ratio	Lower	Upper
188	100		
94	12.0	7.0	10.6#
80	12.7	7.4	11.0#

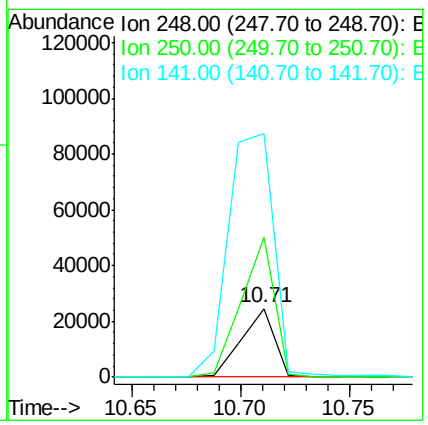


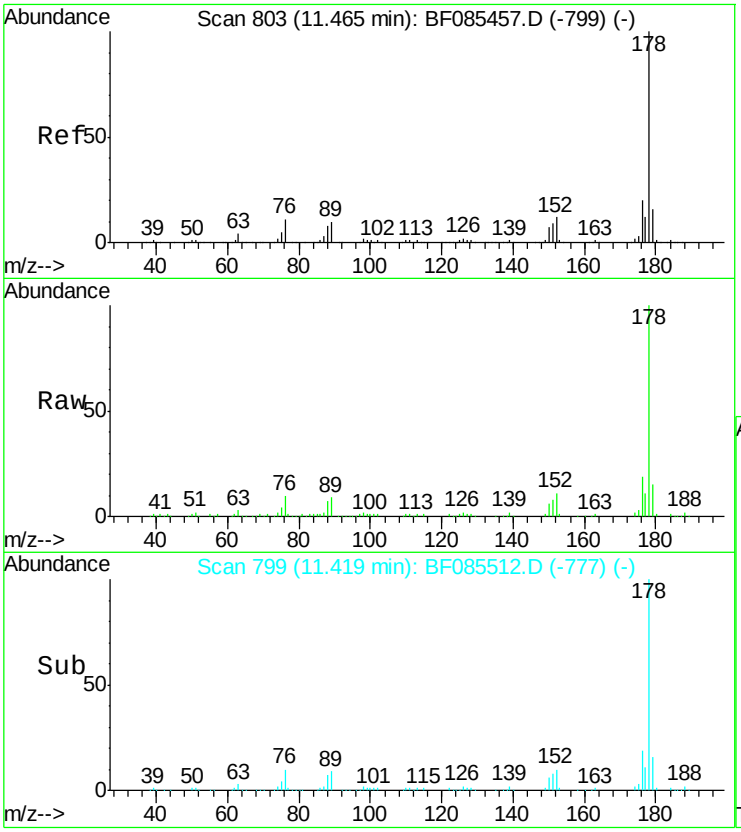


#66
4-Bromophenyl-phenylether
Concen: 5.77 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.27 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion:248 Resp: 25916

Ion	Ratio	Lower	Upper
248	100		
250	204.7	77.1	115.7#
141	356.3	66.2	99.2#



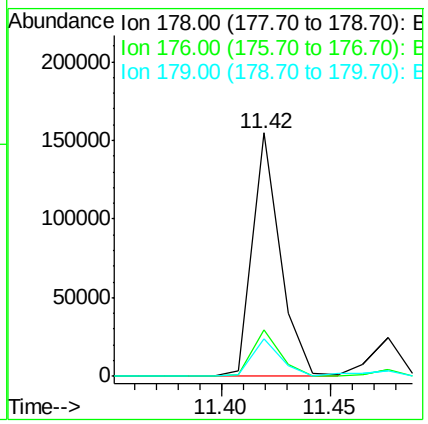


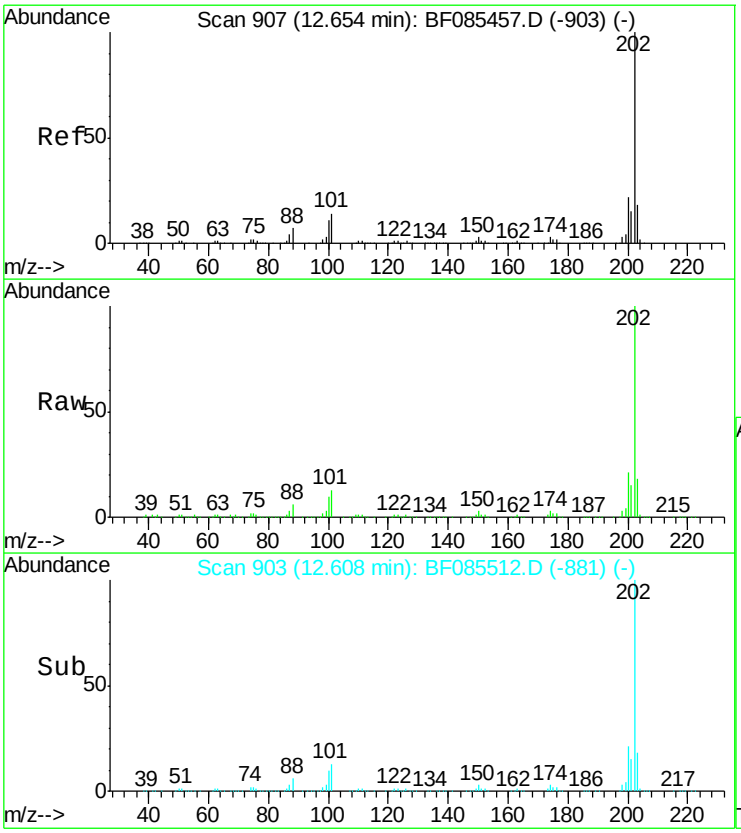
#70
Phenanthrene
Concen: 5.97 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:178 Resp: 138180

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.8	25.2
179	15.5	13.1	19.7

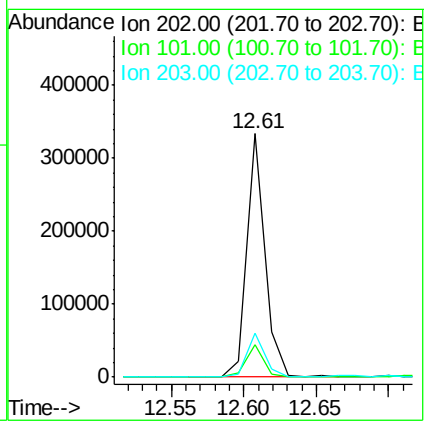


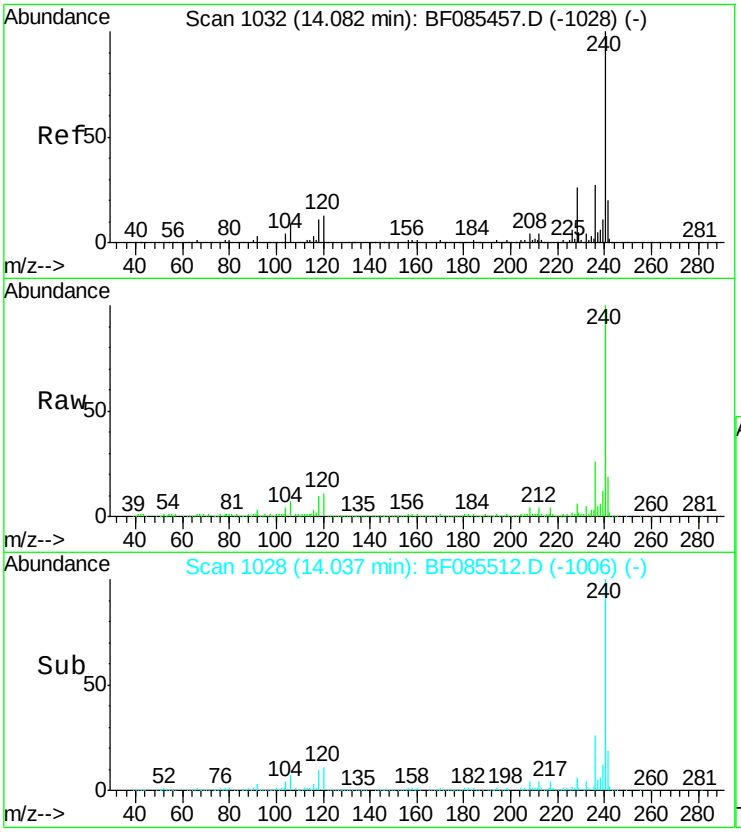


#74
Fluoranthene
Concen: 13.29 ng
RT: 12.61 min Scan# 903
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion:202 Resp: 289017

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.8
203	18.0	0.0	38.4



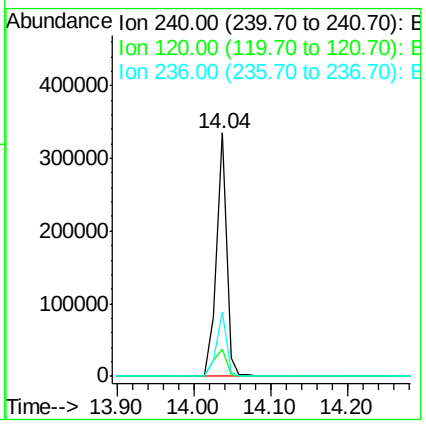


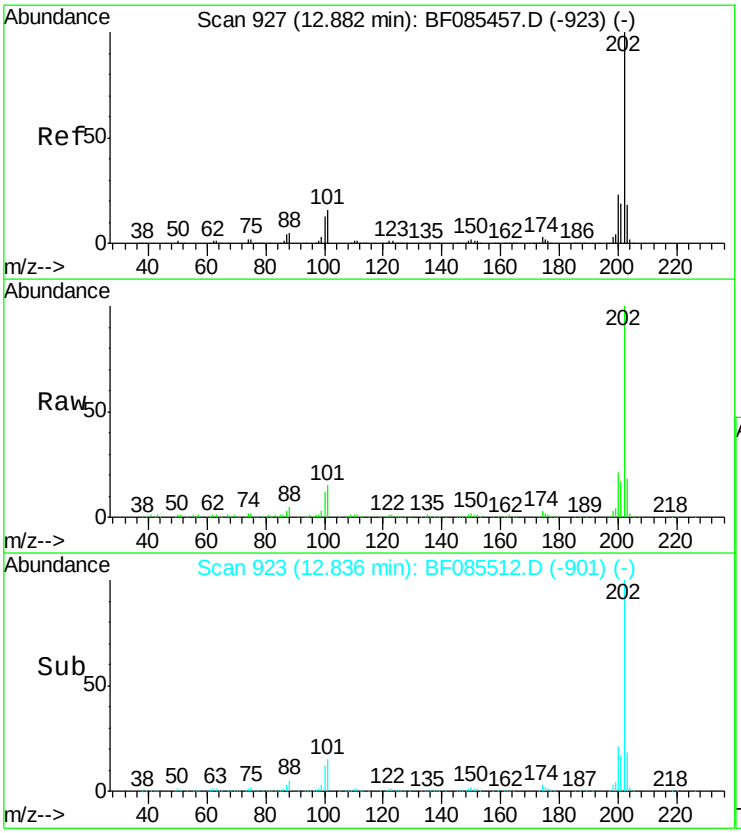
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:240 Resp: 310264

Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.3	7.9#
236	26.3	20.7	31.1

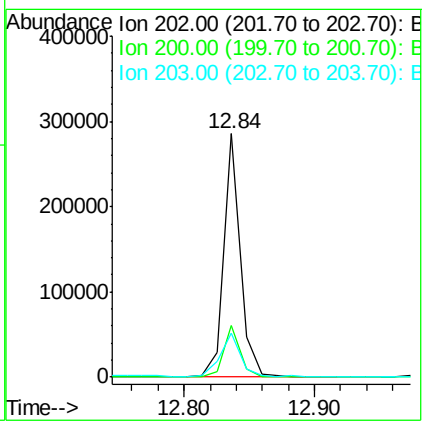


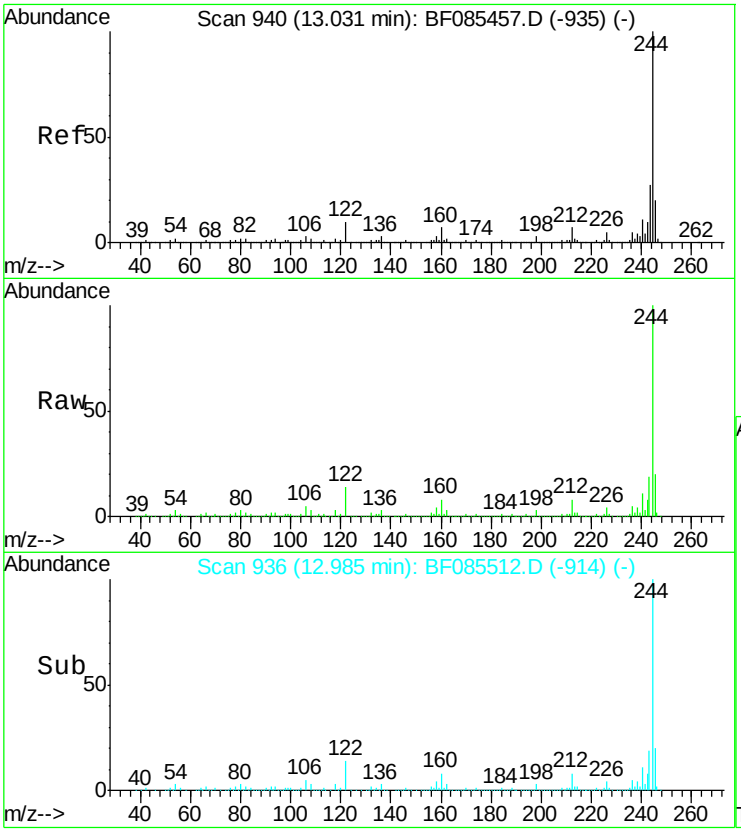


#77
Pyrene
Concen: 10.84 ng
RT: 12.84 min Scan# 923
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion:202 Resp: 252315

Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.2	27.4
203	18.0	14.7	22.1



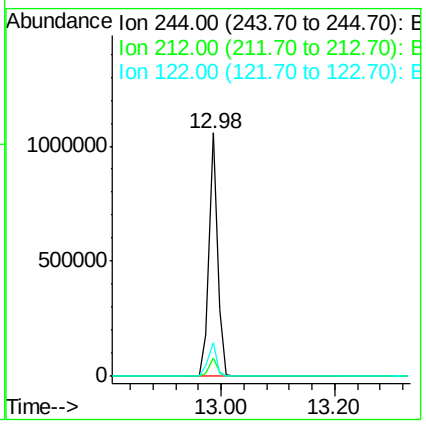


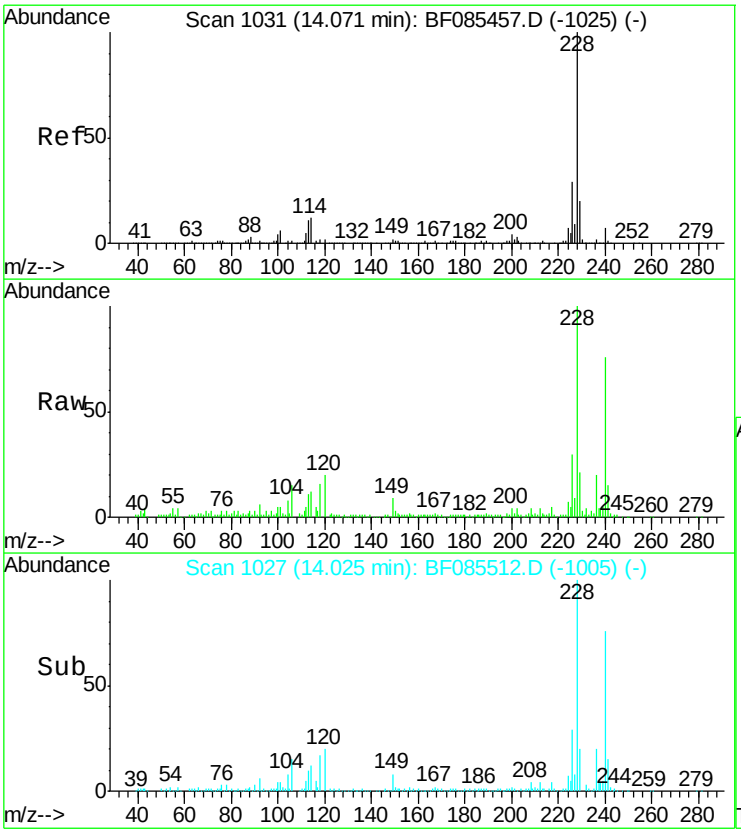
#78
Terphenyl-d14
Concen: 77.45 ng
RT: 12.98 min Scan# 936
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:244 Resp: 1062285

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	13.7	11.4	17.2

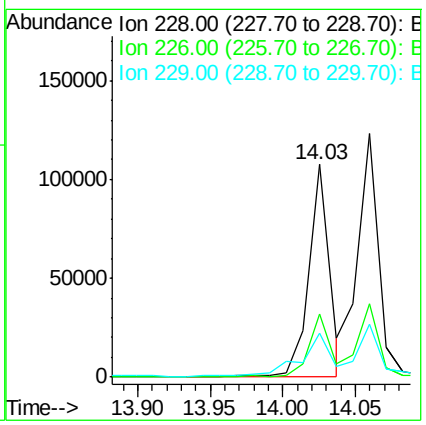


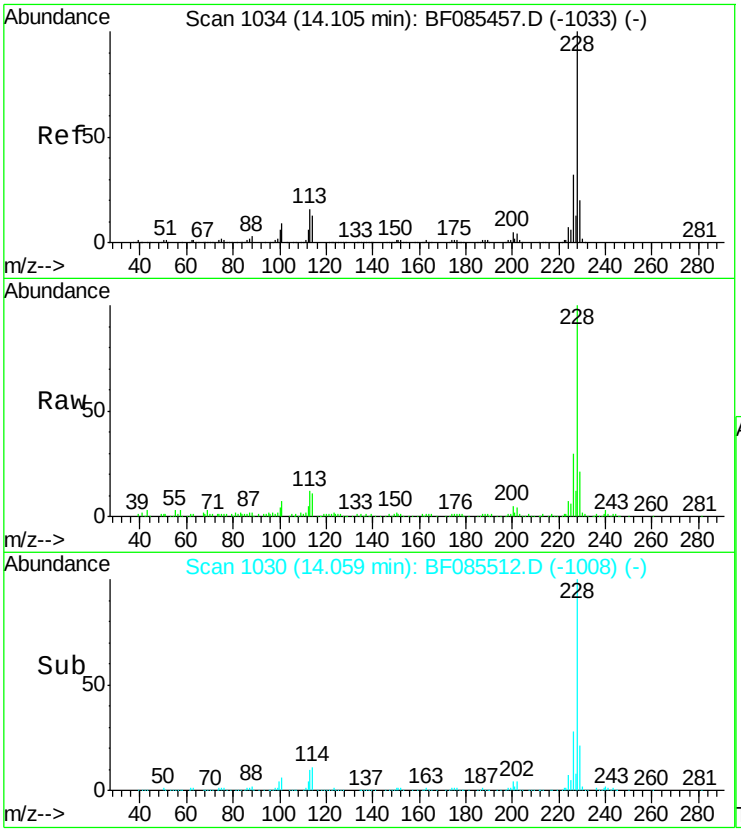


#80
Benzo(a)anthracene
Concen: 6.03 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion:228 Resp: 107233

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.8	34.2
229	20.9	16.6	24.8



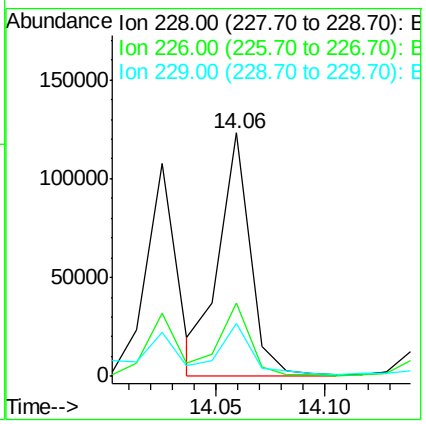


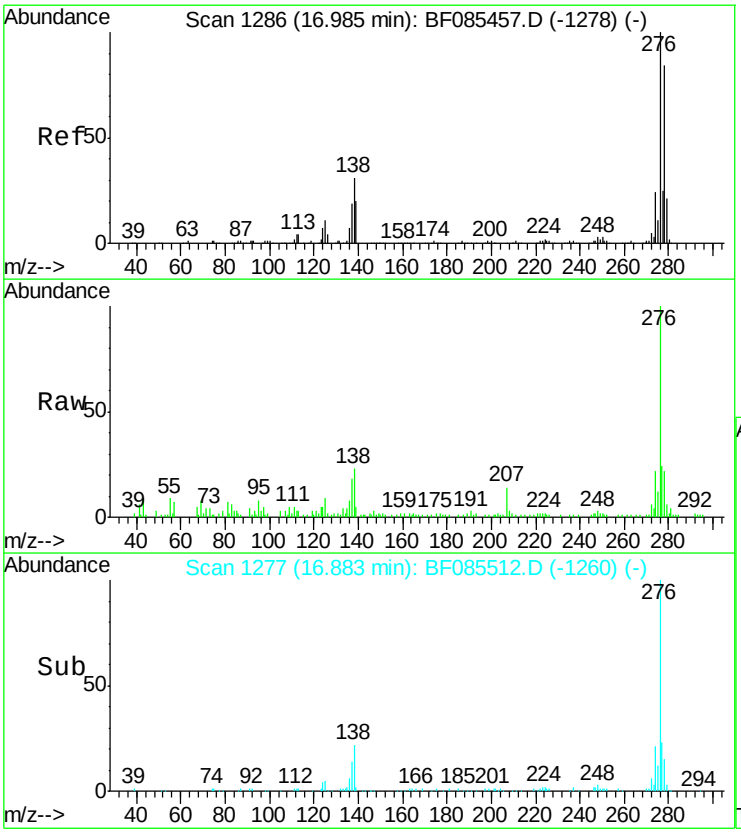
#82
Chrysene
Concen: 7.62 ng
RT: 14.06 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:228 Resp: 121957

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.2	37.8
229	21.5	16.0	24.0

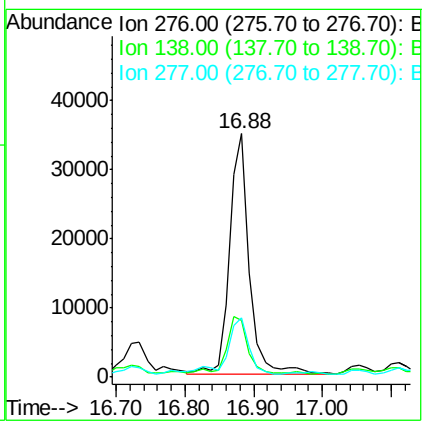


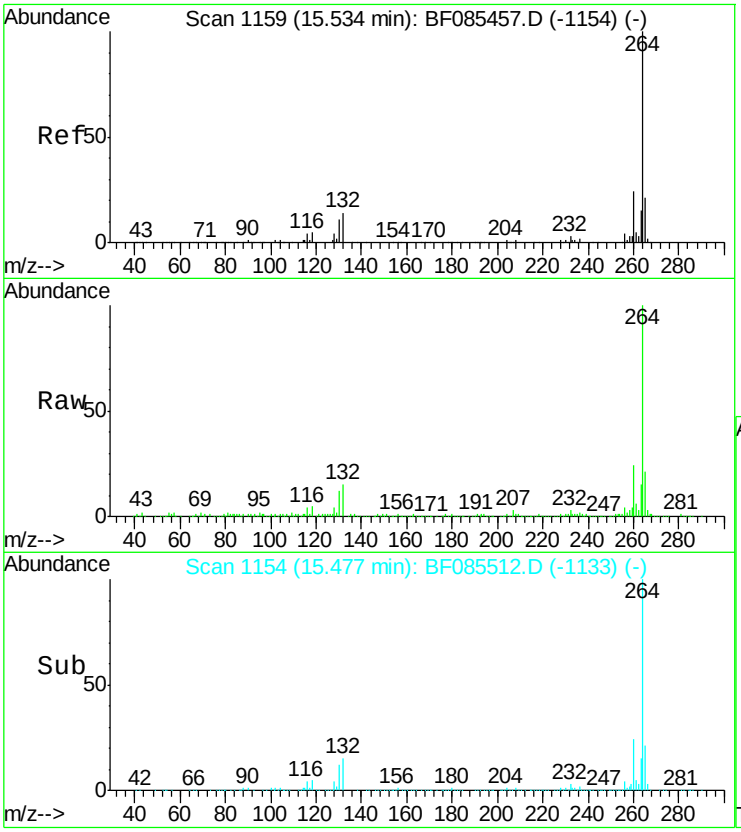


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.67 ng
RT: 16.88 min Scan# 1277
Delta R.T. -0.10 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion:276 Resp: 70867

Ion	Ratio	Lower	Upper
276	100		
138	27.0	26.4	39.6
277	26.3	20.2	30.2



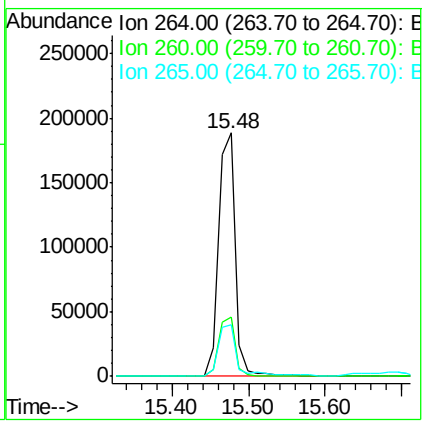


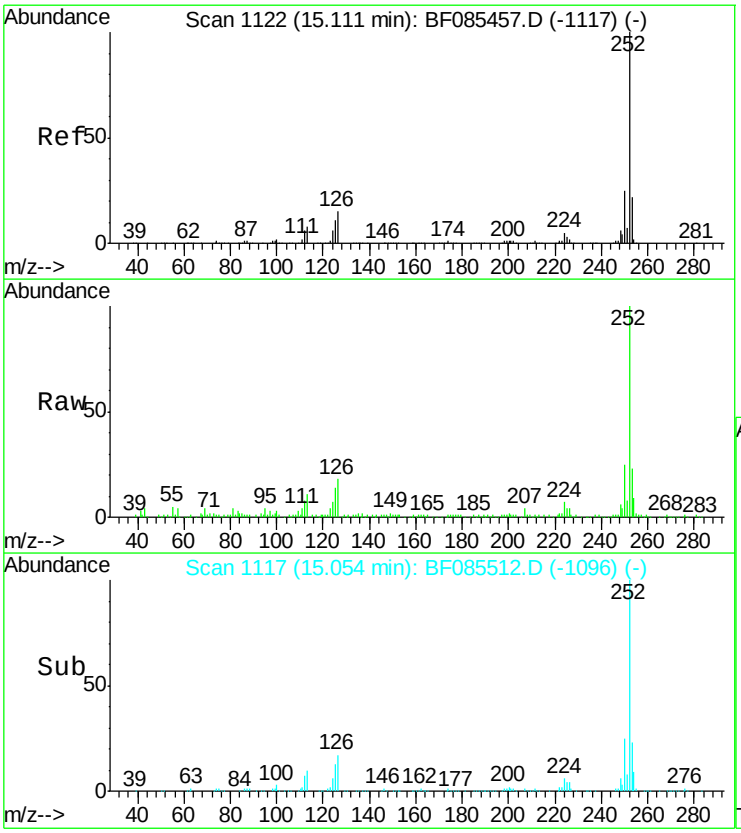
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:264 Resp: 289524

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	17.3	25.9

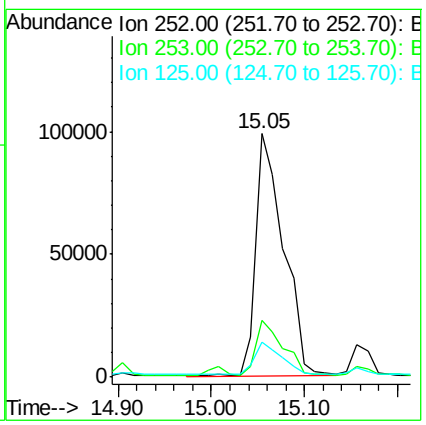


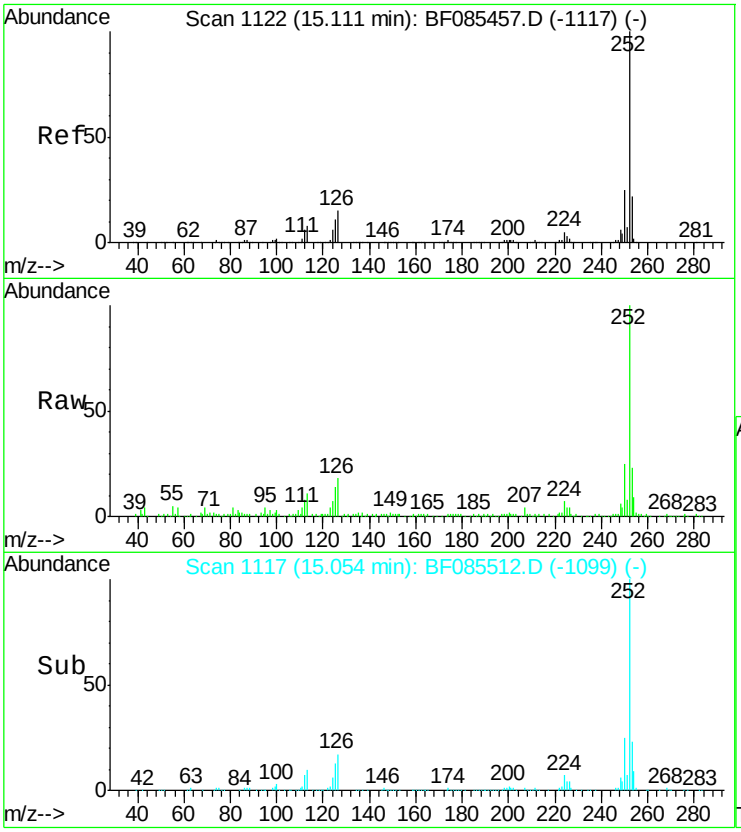


#87
Benzo(b)fluoranthene
Concen: 10.88 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.06 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion:252 Resp: 205688

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	14.5	11.3	16.9



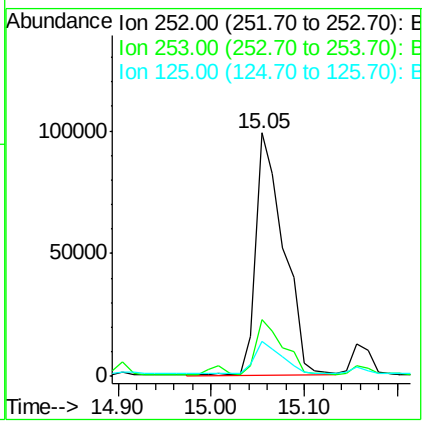


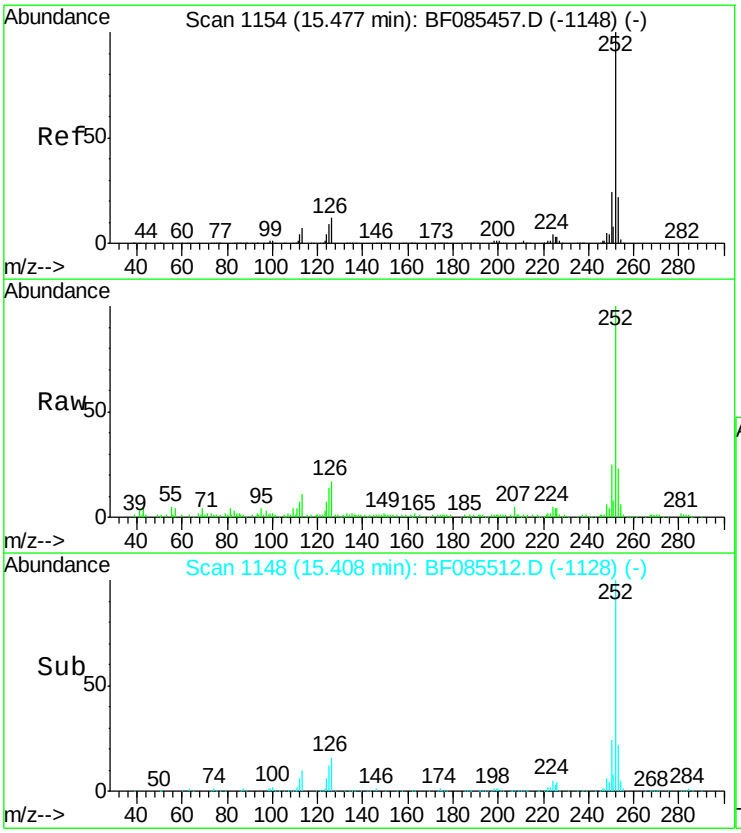
#88
Benzo(k)fluoranthene
Concen: 13.89 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.09 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:252 Resp: 205688

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	14.5	10.4	15.6

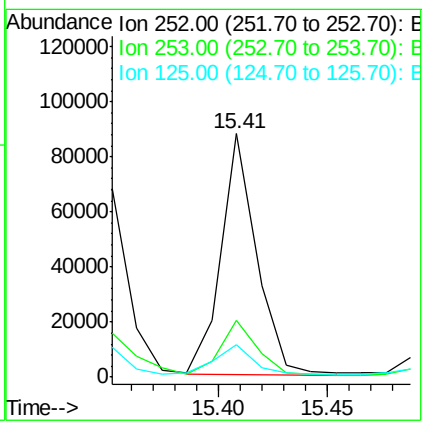


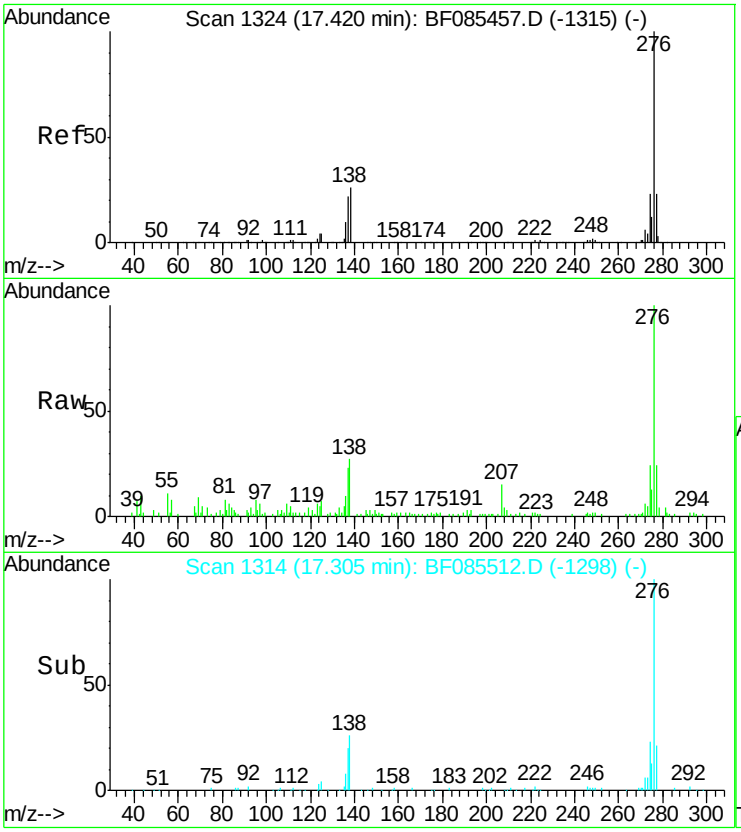


#89
Benzo(a)pyrene
Concen: 6.09 ng
RT: 15.41 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Tgt Ion:252 Resp: 99464

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	13.5	8.2	12.4#





#91
Benzo(g,h,i)perylene
Concen: 4.07 ng
RT: 17.31 min Scan# 1314
Delta R.T. -0.11 min
Lab File: BF085512.D
Acq: 18 Mar 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:276 Resp: 66262

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	27.1	22.5	33.7