Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085925.D
Acq On : 31 Mar 2016 14:07
Operator : UM/SJ
Sample : H2075-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-9

Quant Time: Mar 31 21:44:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110338	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	450059	20.00	ng		-0.02
38) Acenaphthene-d10	9.83	164	207373	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	369806	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	247325	20.00	ng		-0.02
86) Perylene-d12	15.36	264	204060	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	799724	120.71	ng		-0.01
7) Phenol-d6	6.42	99	973399	115.56	ng		-0.02
23) Nitrobenzene-d5	7.36	82	639254	79.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	242816	123.24	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	949208	76.48	ng		-0.01
78) Terphenyl-d14	12.89	244	763253	63.47	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	81970	16.25	ng	#	79
25) Isophorone	7.36	82	626990	40.73	ng	#	68
37) 2-Methylnaphthalene	8.79	142	765	Below Cal		#	80
49) Dimethylphthalate	9.54	163	180787	11.49	ng		100
56) 2,4-Dinitrotoluene	9.83	165	26144	6.07	ng	#	37
66) 4-Bromophenyl-phenylether	10.62	248	16832	4.45	ng	#	1
74) Fluoranthene	12.53	202	66874	3.31	ng		90
77) Pyrene	12.75	202	65158	3.20	ng		97
80) Benzo(a)anthracene	13.93	228	30270	2.15	ng		98
85) Indeno(1,2,3-cd)pyrene	16.75	276	23041	2.10	ng		96
87) Benzo(b)fluoranthene	14.96	252	46158	3.59	ng		94
88) Benzo(k)fluoranthene	14.96	252	46158	3.98	ng	#	92
89) Benzo(a)pyrene	15.31	252	25776	2.26	ng		95
91) Benzo(g,h,i)perylene	17.15	276	26130	2.43	ng		96

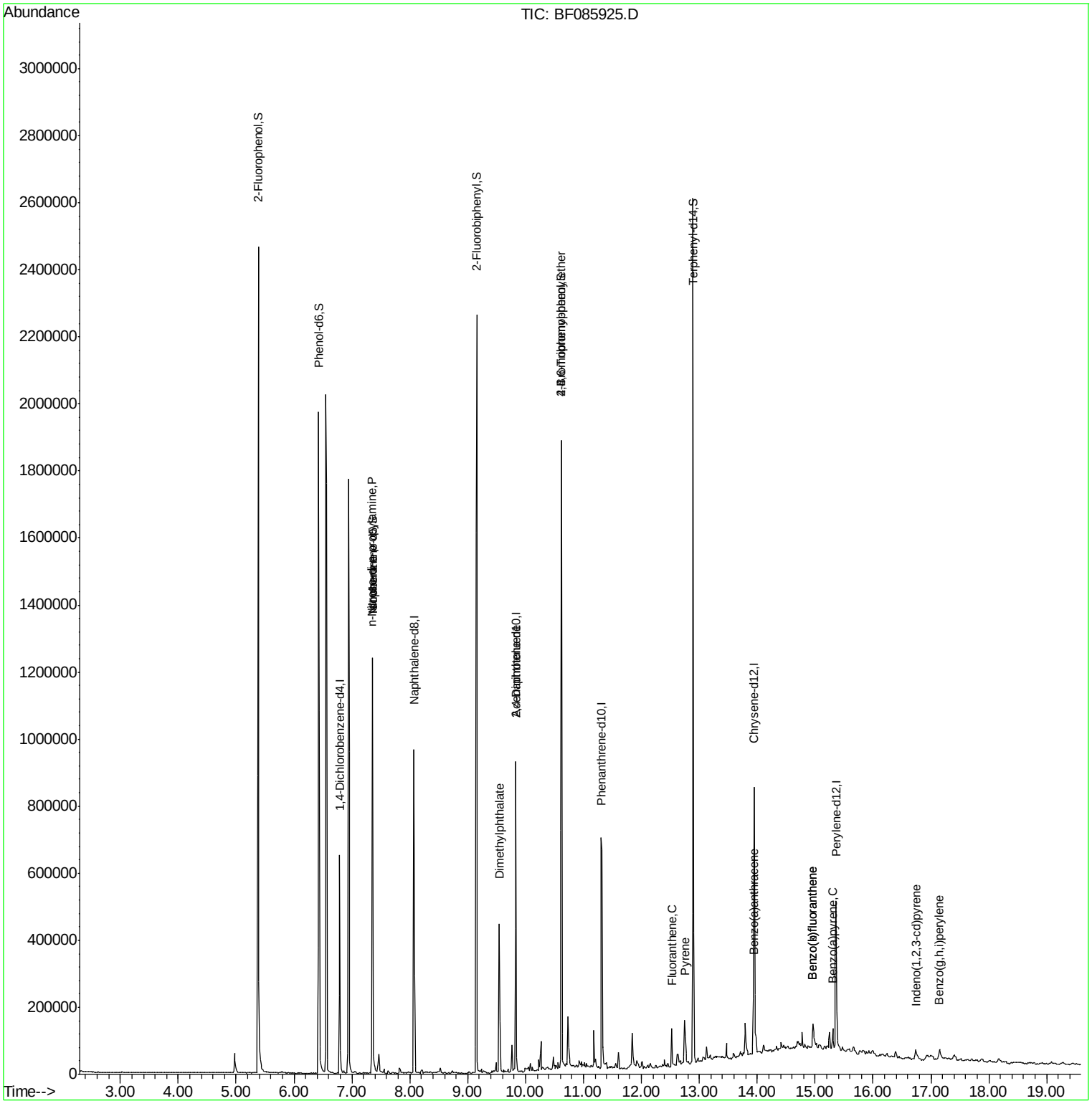
(#) = qualifier out of range (m) = manual integration (+) = signals summed

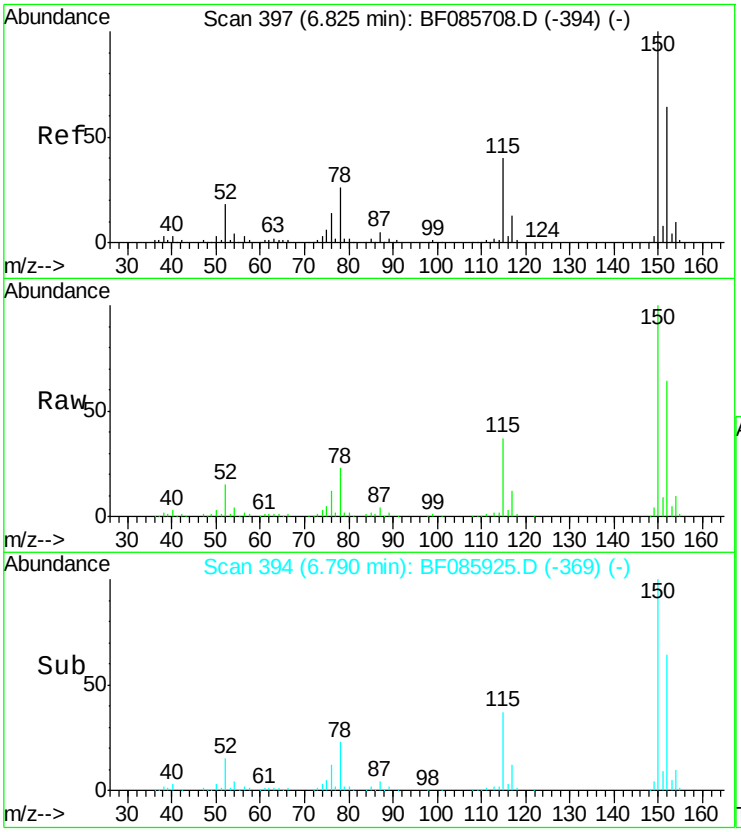
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085925.D
Acq On : 31 Mar 2016 14:07
Operator : UM/SJ
Sample : H2075-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-9

Quant Time: Mar 31 21:44:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration



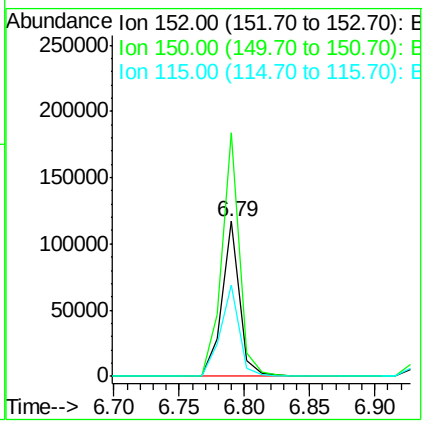


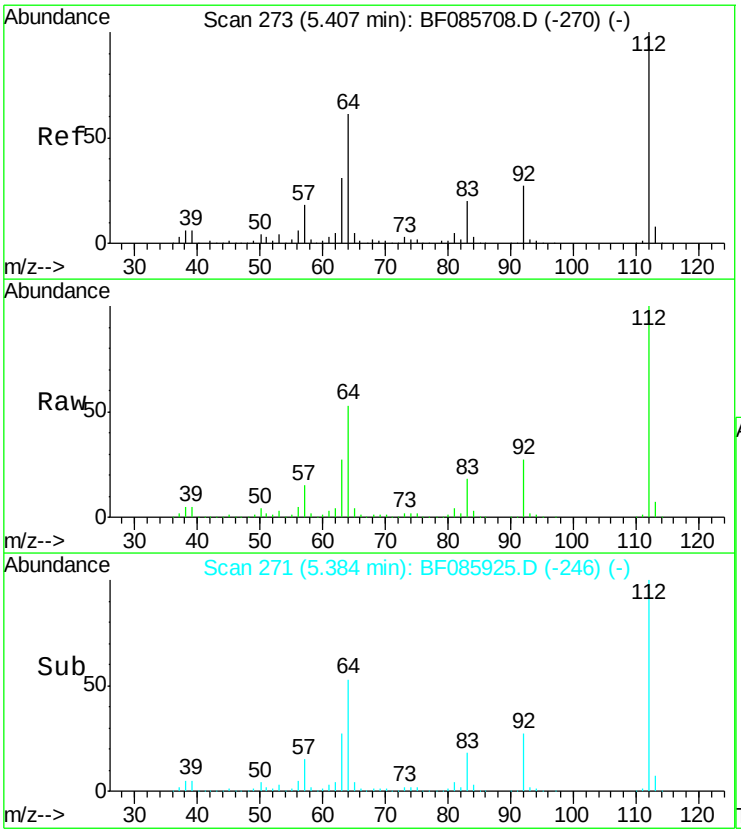
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:152 Resp: 110338

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.2
115	58.6	47.0	70.6

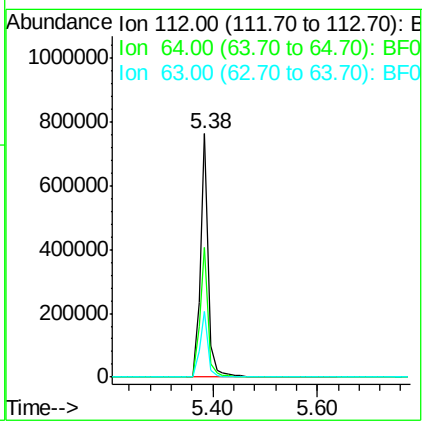


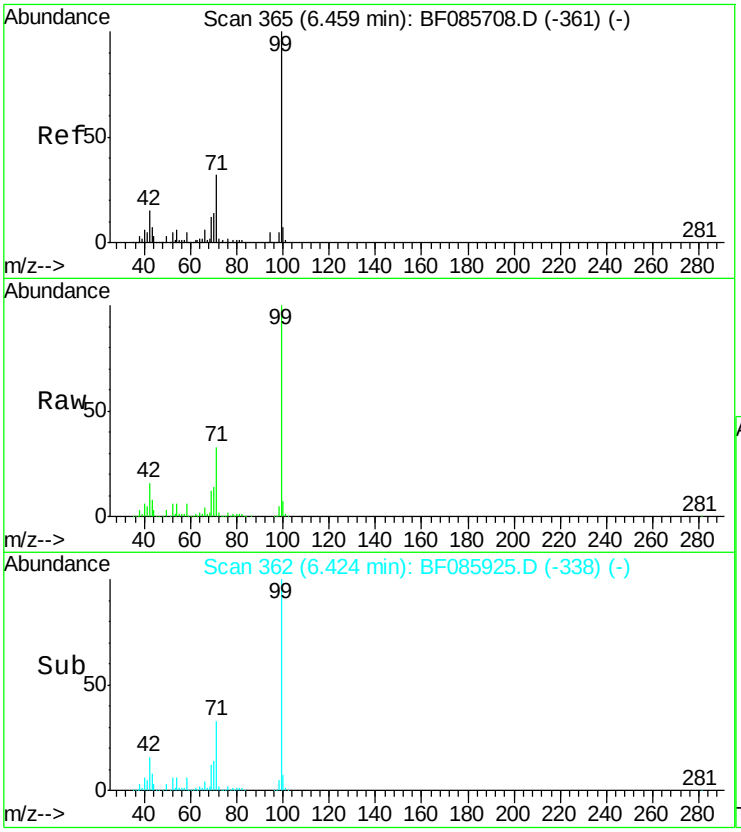


#5
2-Fluorophenol
Concen: 120.71 ng
RT: 5.38 min Scan# 271
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion:112 Resp: 799724

Ion	Ratio	Lower	Upper
112	100		
64	53.1	39.9	59.9
63	26.9	20.2	30.2



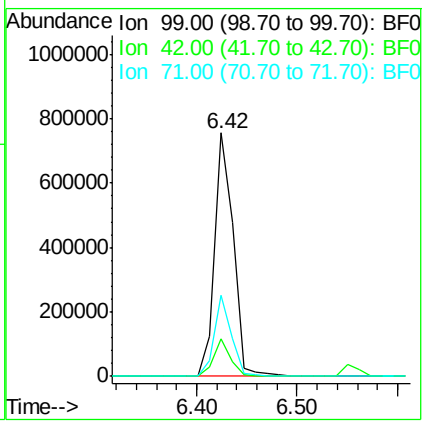


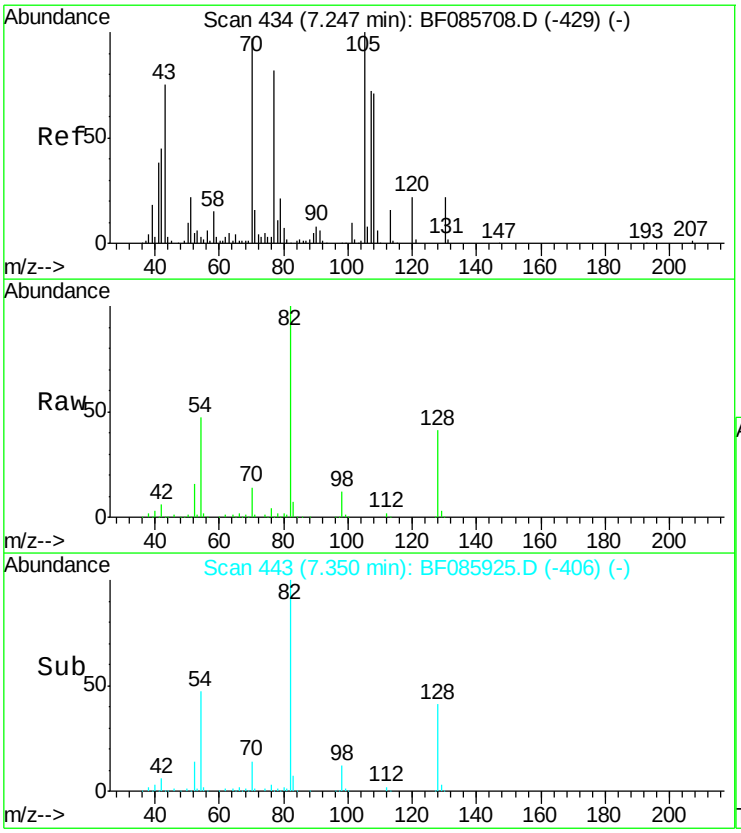
#7
Phenol-d6
Concen: 115.56 ng
RT: 6.42 min Scan# 362
Delta R.T. -0.02 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion: 99 Resp: 973399

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.1	16.7
71	33.3	24.9	37.3

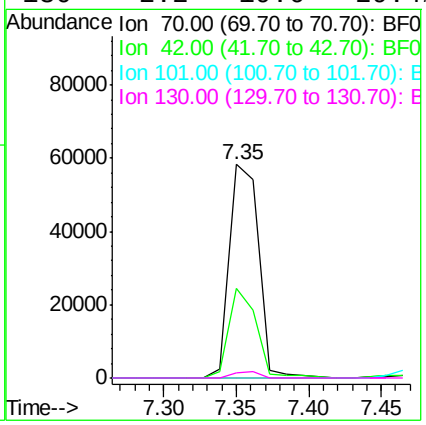


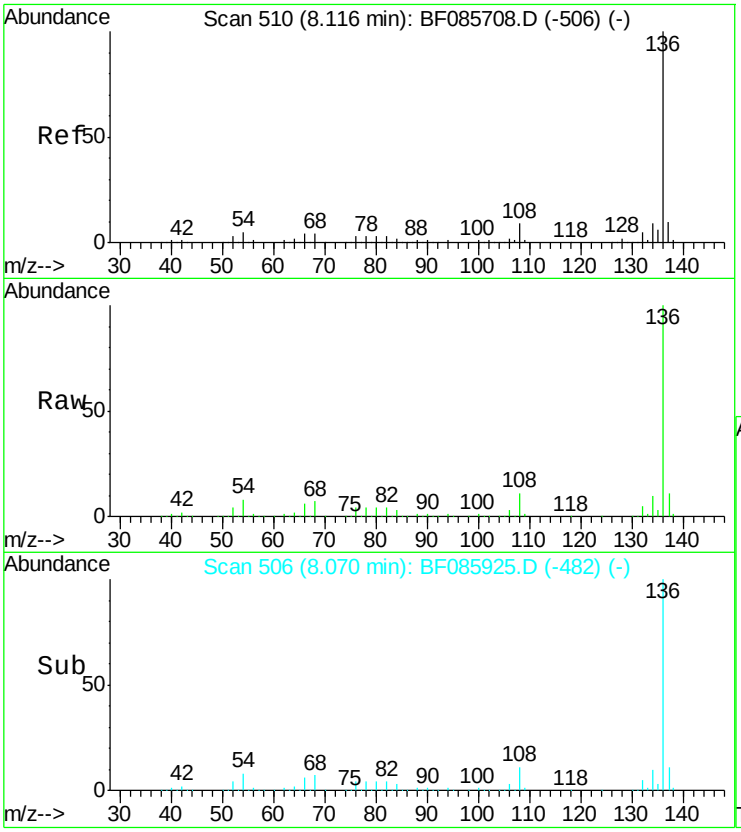


#19
n-Nitroso-di-n-propylamine
Concen: 16.25 ng
RT: 7.35 min Scan# 443
Delta R.T. 0.13 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion: 70 Resp: 81970

Ion	Ratio	Lower	Upper
70	100		
42	42.2	37.1	55.7
101	0.0	8.6	12.8#
130	2.2	19.6	29.4#



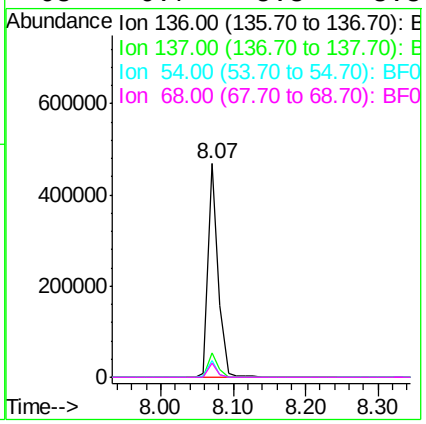


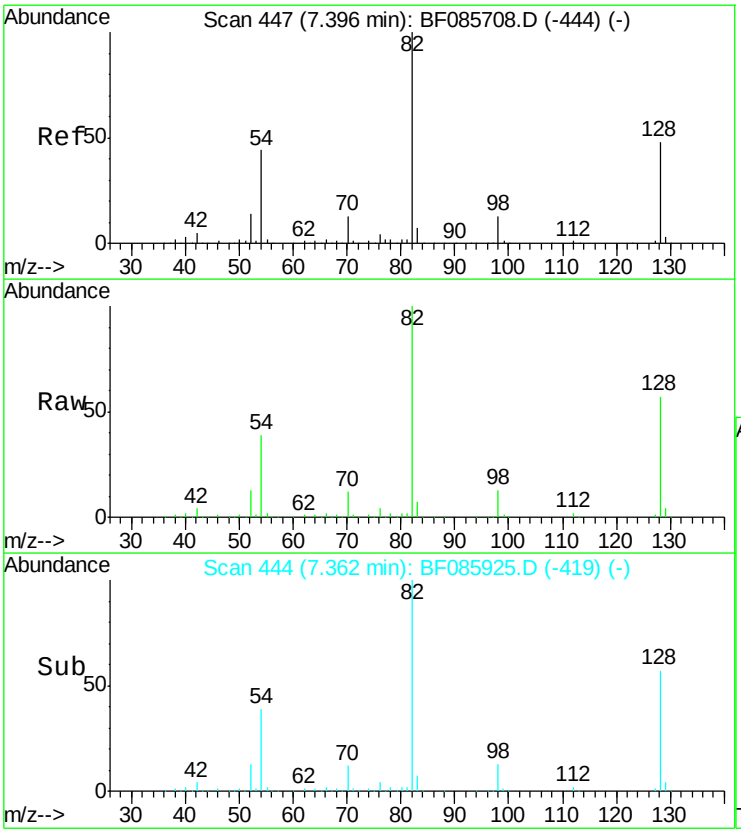
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:136 Resp: 450059

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.0	7.4	11.0
68	6.7	5.8	8.8

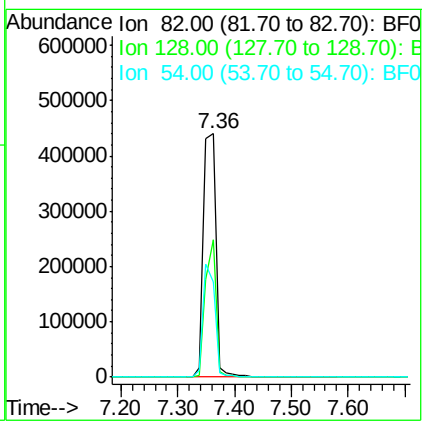


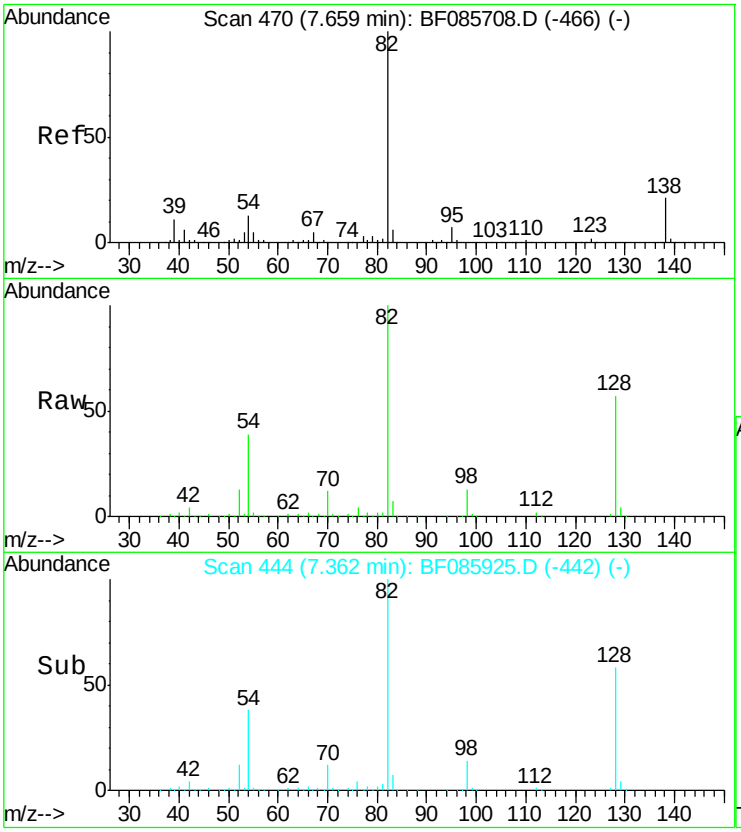


#23
Nitrobenzene-d5
Concen: 79.99 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion: 82 Resp: 639254

Ion	Ratio	Lower	Upper
82	100		
128	56.5	41.8	62.8
54	38.9	33.4	50.0



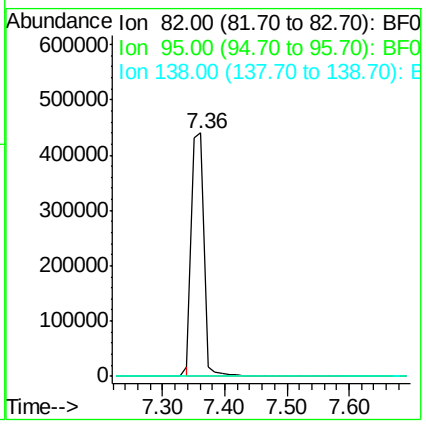


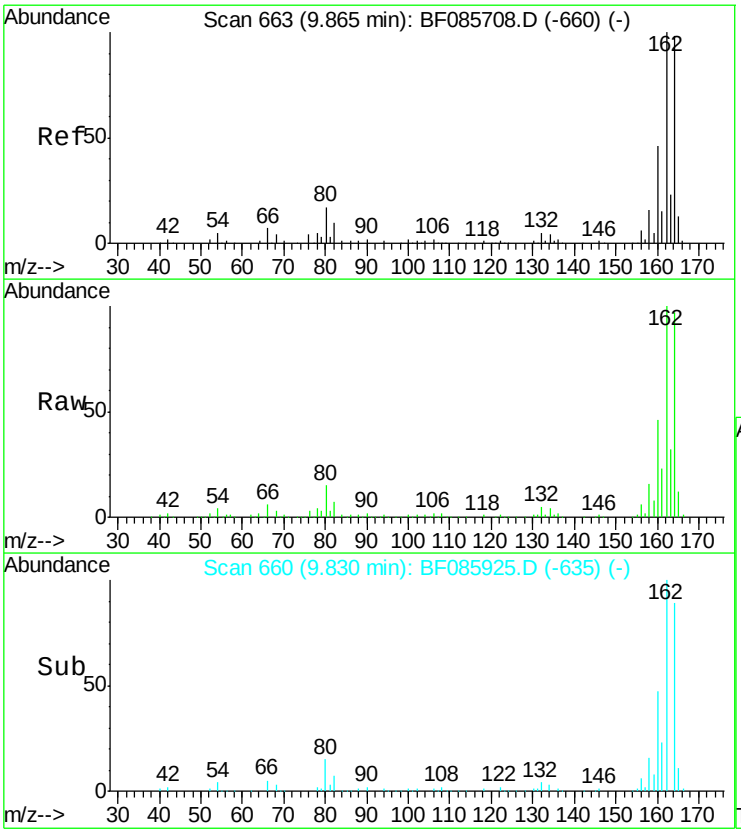
#25
Isophorone
Concen: 40.73 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.27 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion: 82 Resp: 626990

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#

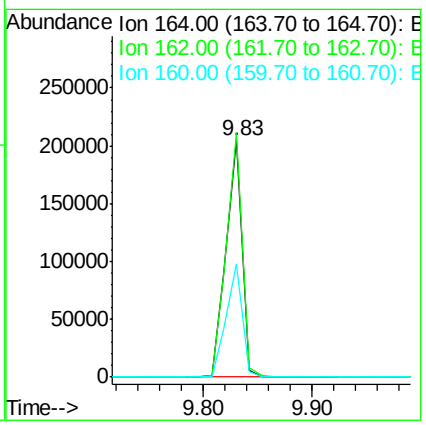


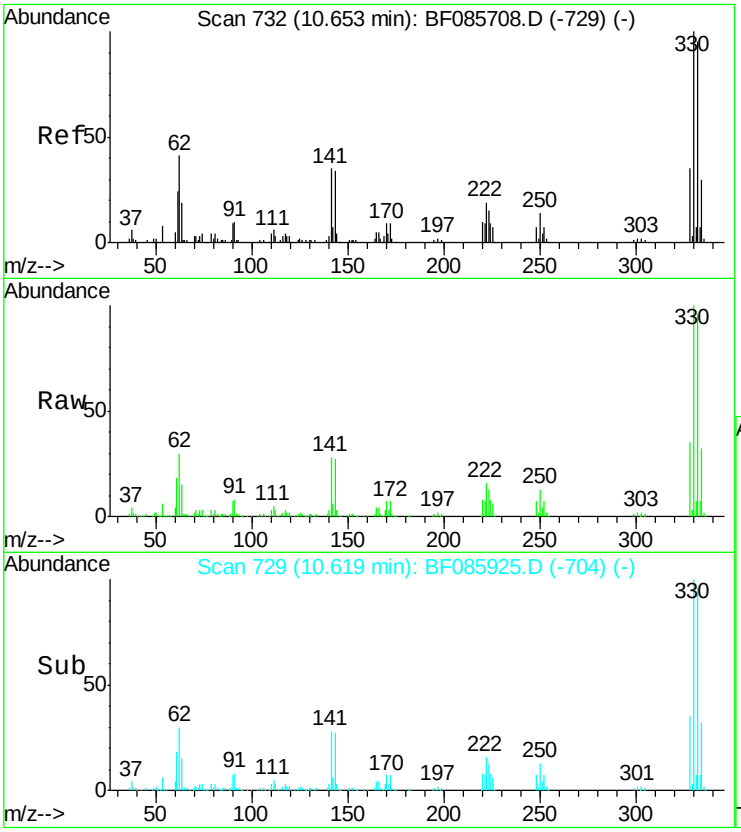


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion:164 Resp: 207373

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.1	123.1
160	47.7	37.4	56.2



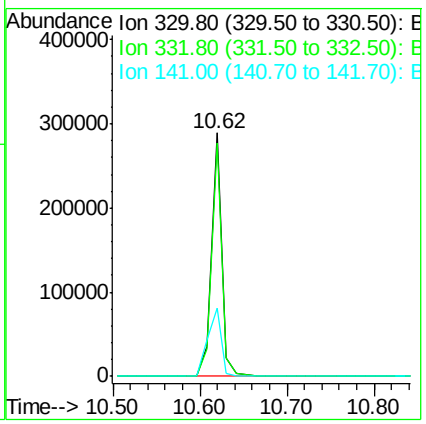


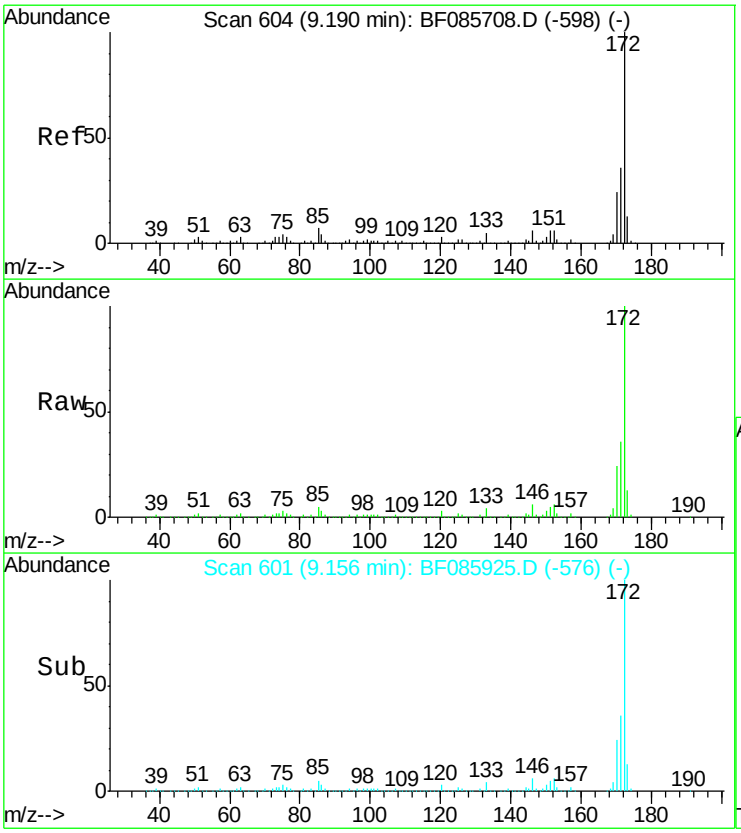
#41
2,4,6-Tribromophenol
Concen: 123.24 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:330 Resp: 242816

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.2
141	37.6	31.5	47.3

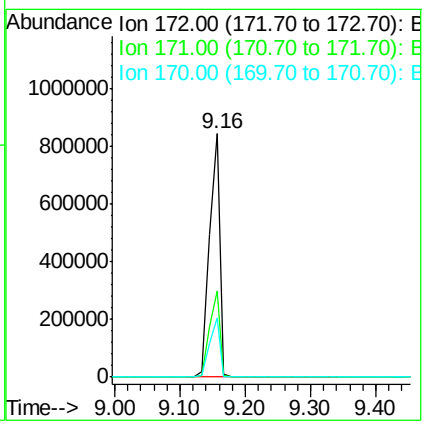


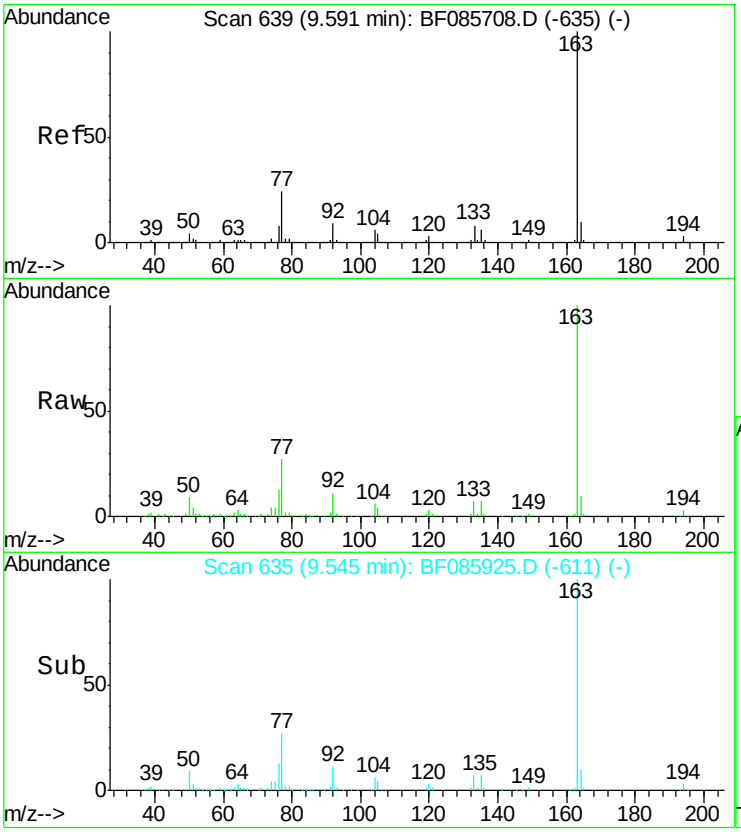


#44
2-Fluorobiphenyl
Concen: 76.48 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion:172 Resp: 949208

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.2
170	24.2	19.8	29.6



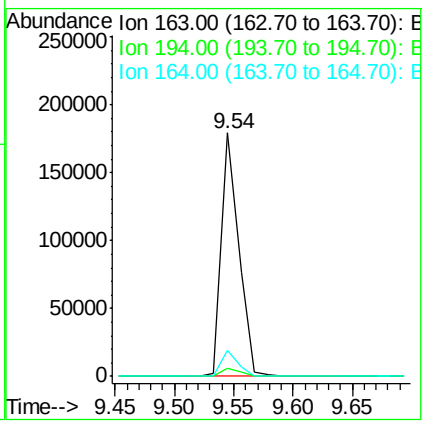


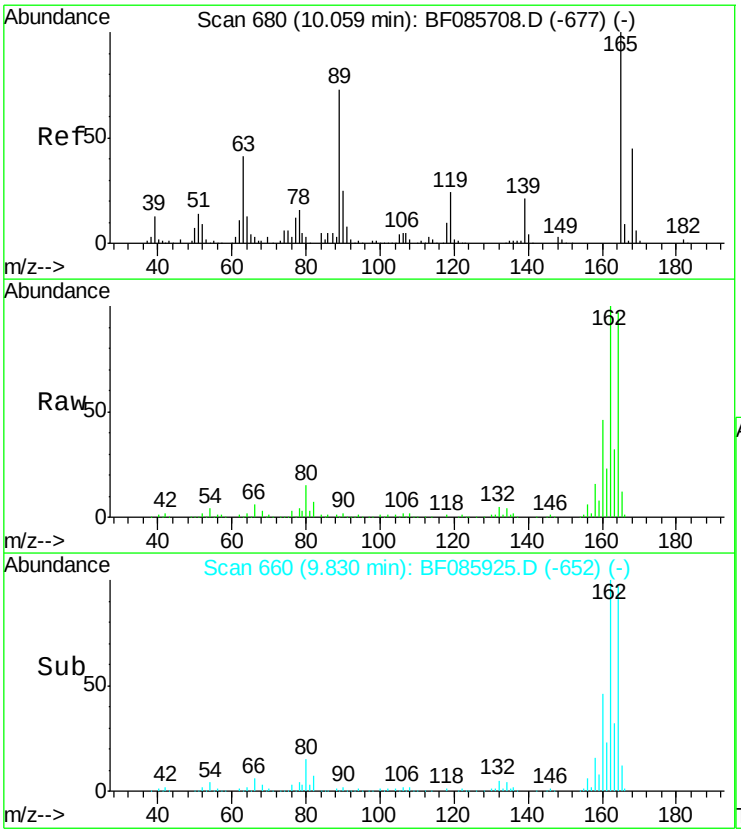
#49
Dimethylphthalate
Concen: 11.49 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:163 Resp: 180787

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	10.5	8.3	12.5

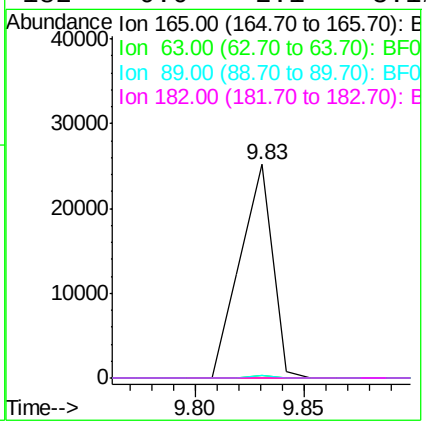


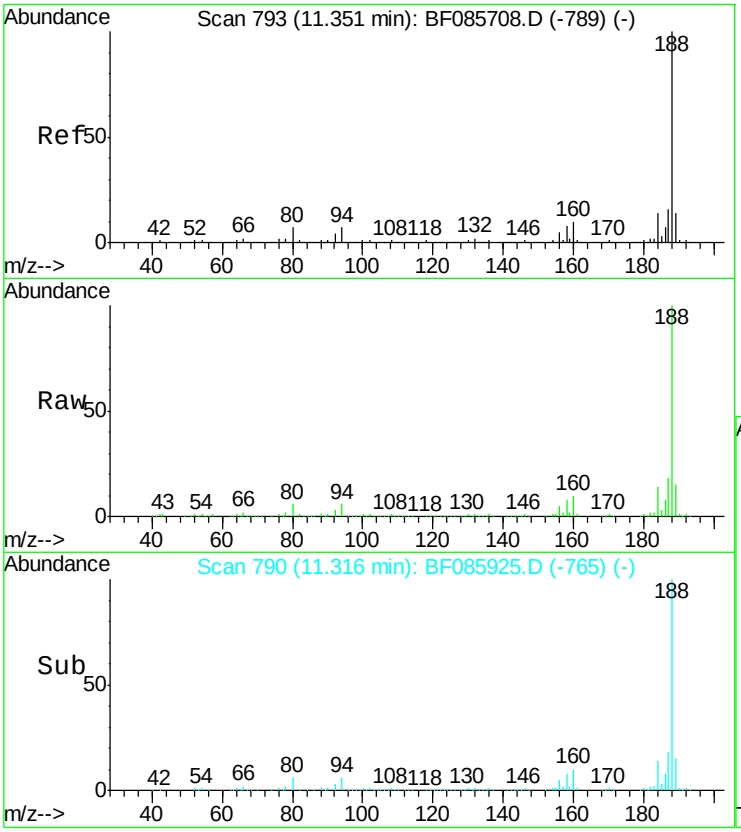


#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.21 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion:165 Resp: 26144

Ion	Ratio	Lower	Upper
165	100		
63	1.5	24.9	37.3#
89	1.4	41.0	61.6#
182	0.0	2.1	3.1#



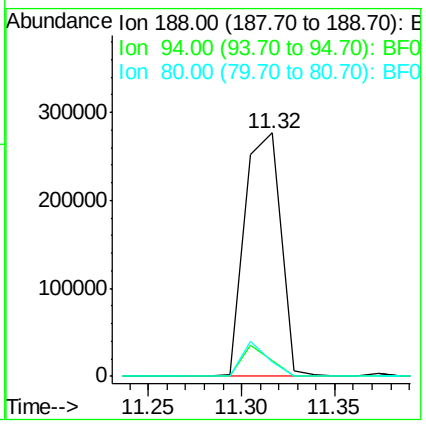


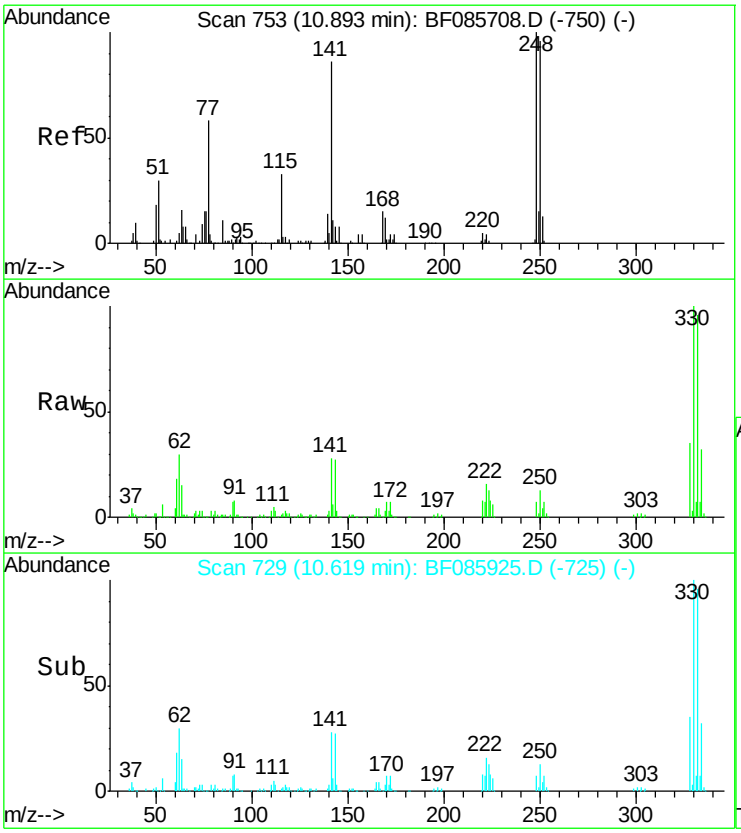
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:188 Resp: 369806

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.4	8.0
80	5.9	5.5	8.3

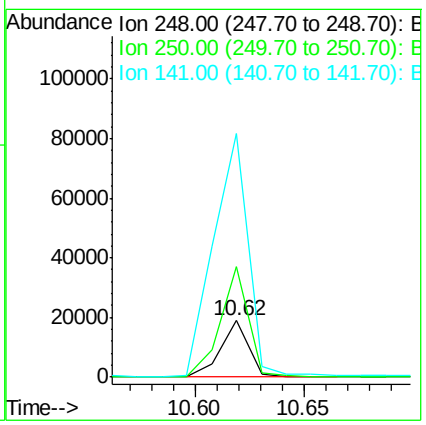


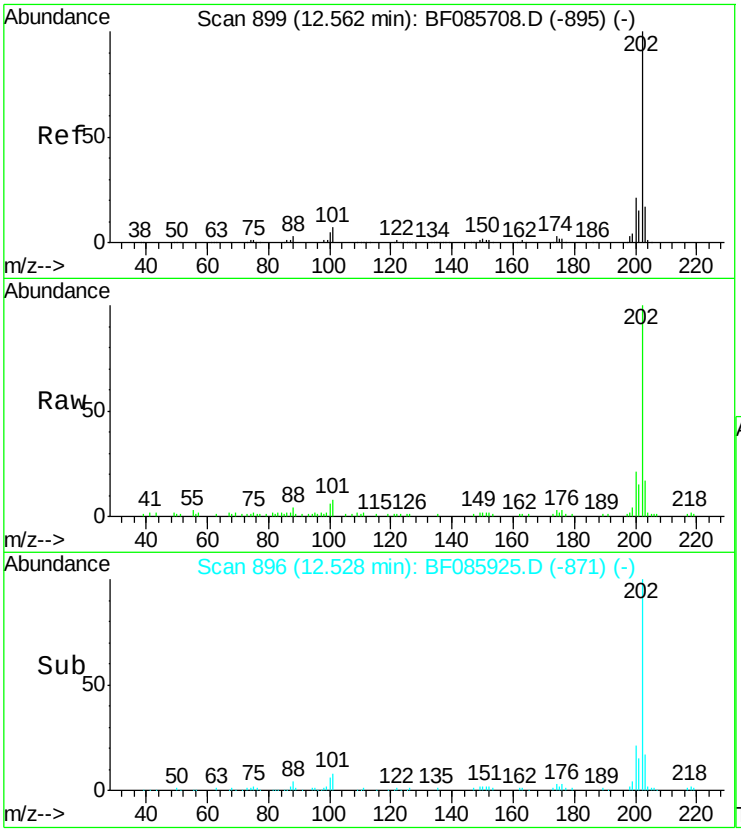


#66
4-Bromophenyl-phenylether
Concen: 4.45 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion:248 Resp: 16832

Ion	Ratio	Lower	Upper
248	100		
250	195.7	77.4	116.0#
141	433.2	63.6	95.4#



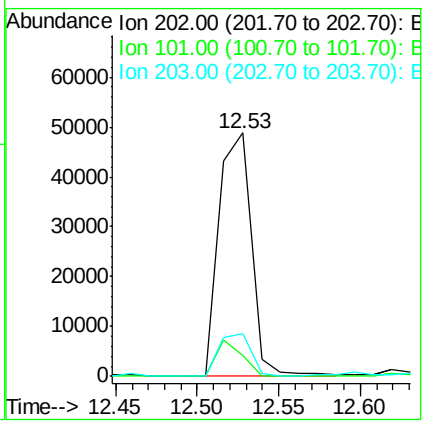


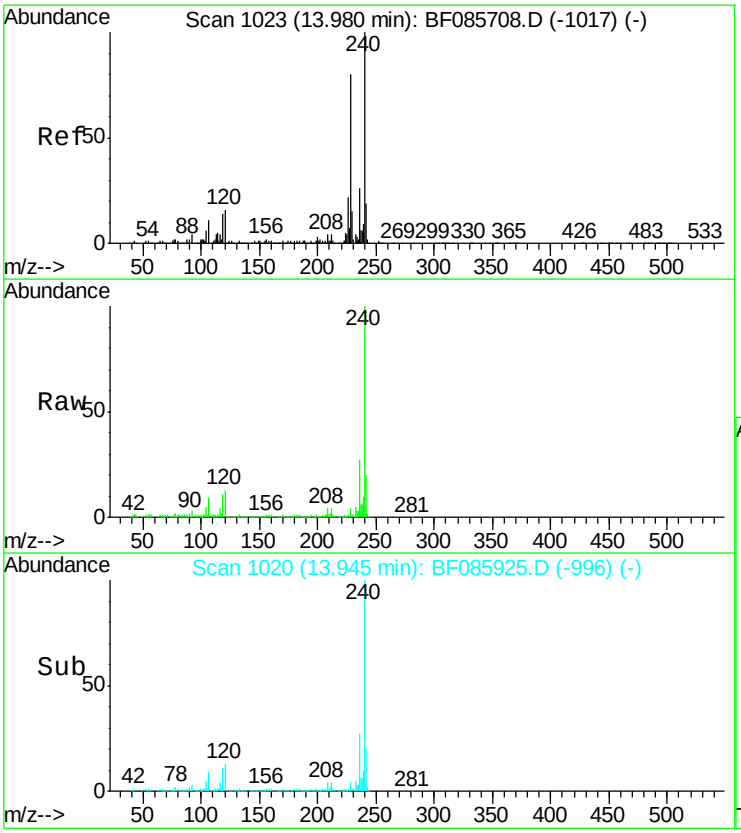
#74
Fluoranthene
Concen: 3.31 ng
RT: 12.53 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:202 Resp: 66874

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	36.6
203	17.3	0.0	38.1

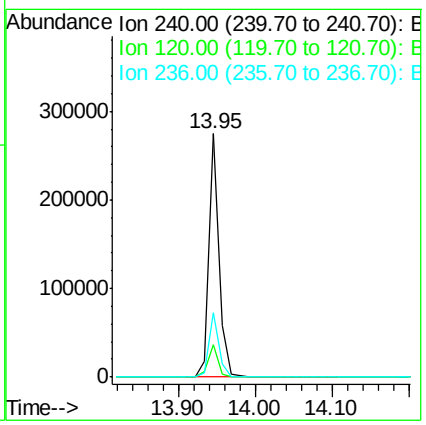


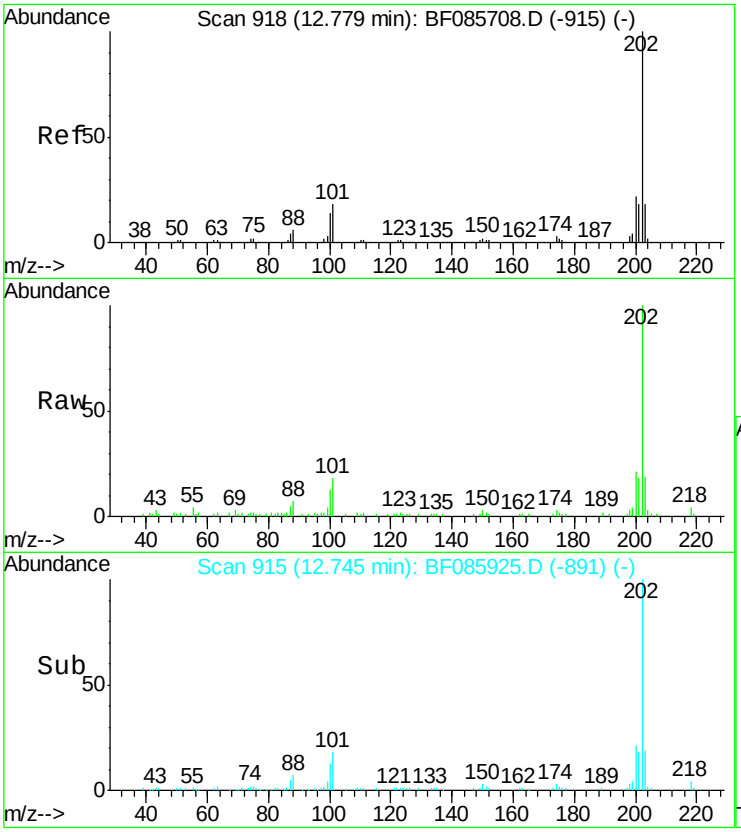


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion:240 Resp: 247325

Ion	Ratio	Lower	Upper
240	100		
120	13.5	13.8	20.8#
236	26.6	20.6	30.8



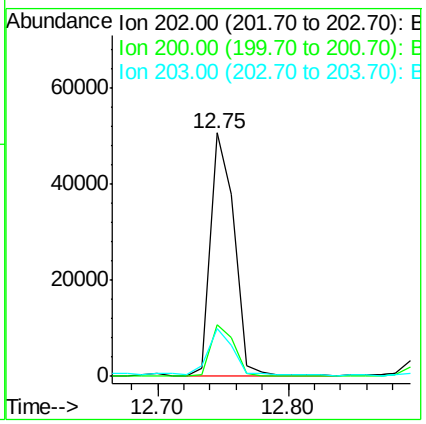


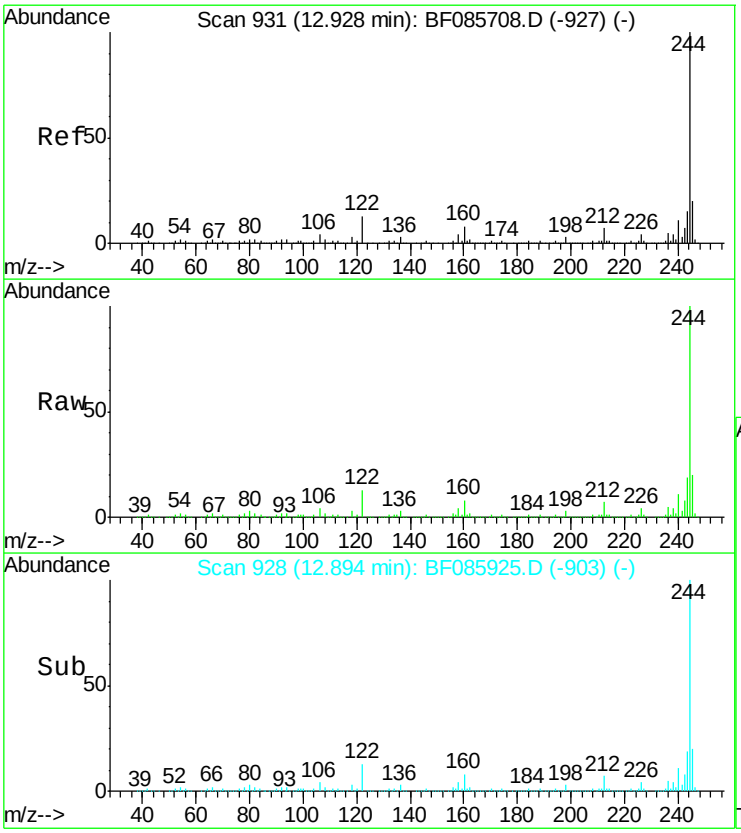
#77
Pyrene
Concen: 3.20 ng
RT: 12.75 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:202 Resp: 65158

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	19.4	14.0	21.0

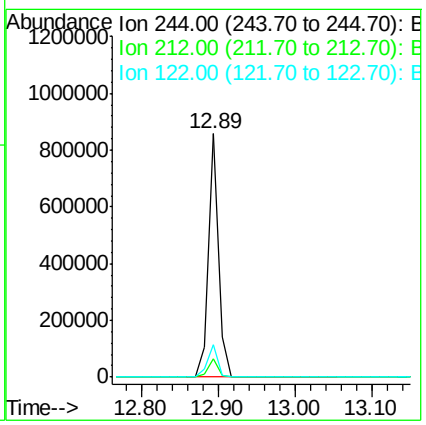


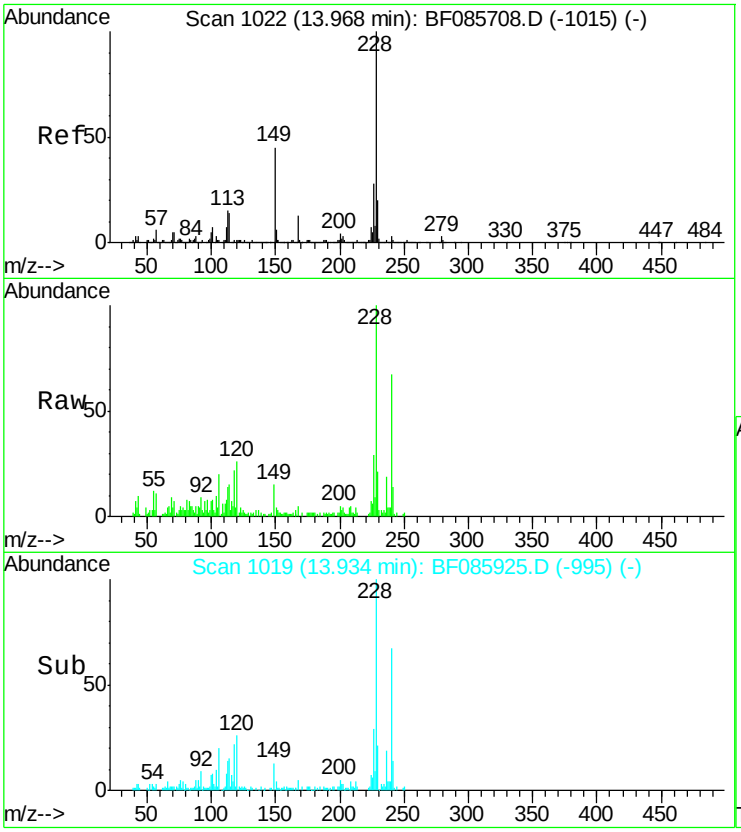


#78
Terphenyl-d14
Concen: 63.47 ng
RT: 12.89 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion:244 Resp: 763253

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	13.1	10.2	15.4



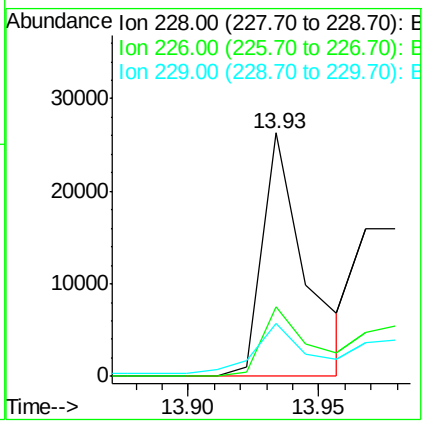


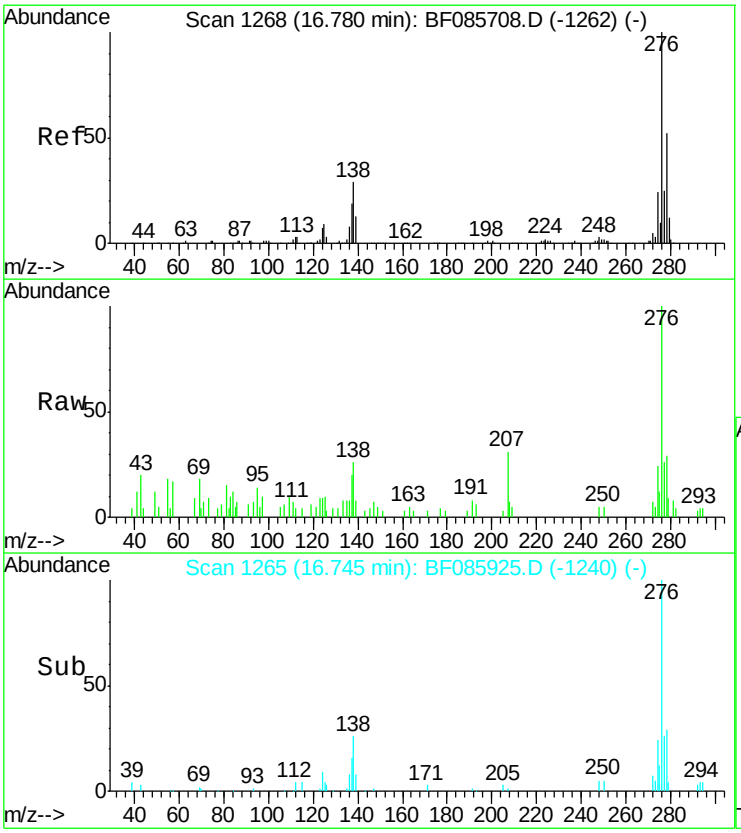
#80
Benzo(a)anthracene
Concen: 2.15 ng
RT: 13.93 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:228 Resp: 30270

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.1	33.1
229	21.5	16.2	24.4

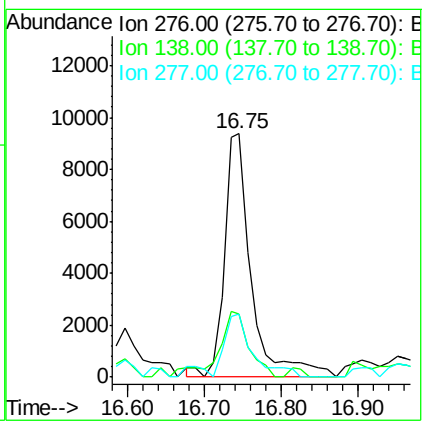


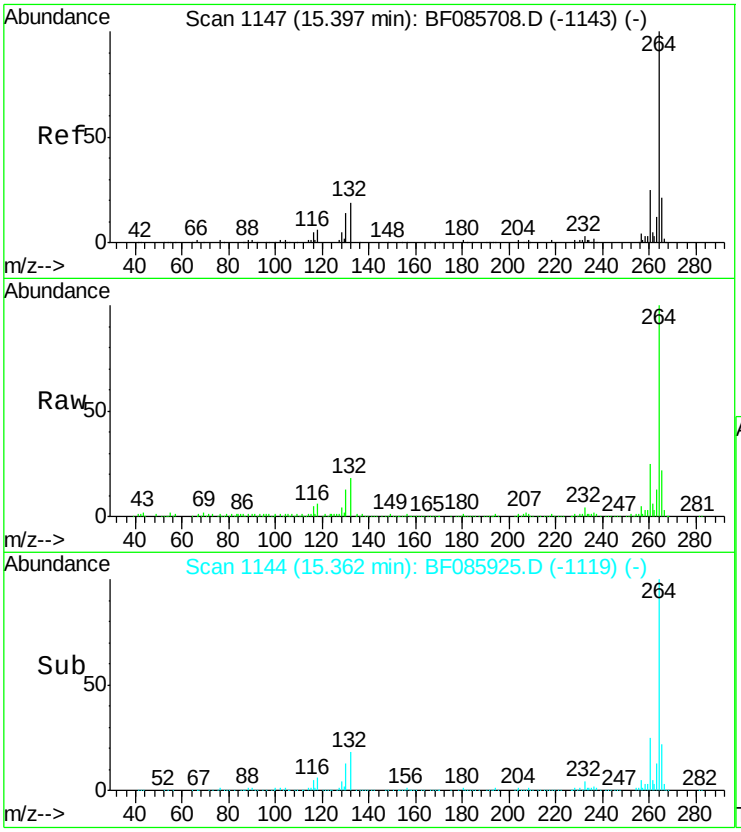


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.10 ng
RT: 16.75 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion:276 Resp: 23041

Ion	Ratio	Lower	Upper
276	100		
138	32.3	24.2	36.4
277	26.8	20.0	30.0



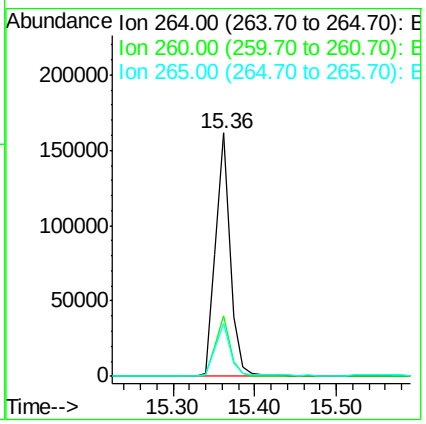


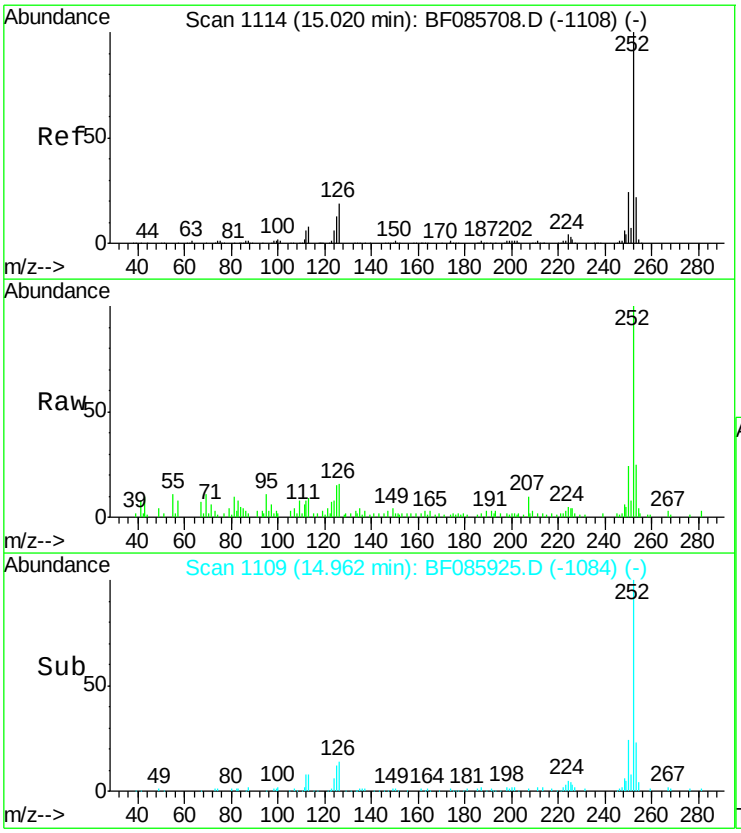
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:264 Resp: 204060

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.5	17.2	25.8

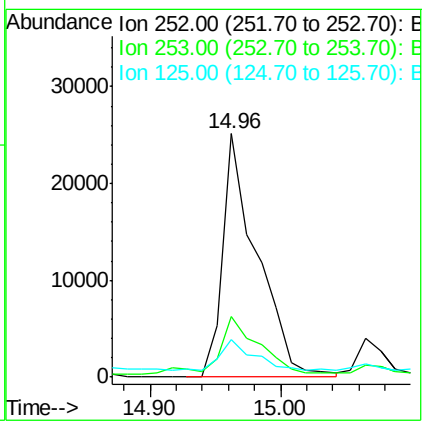


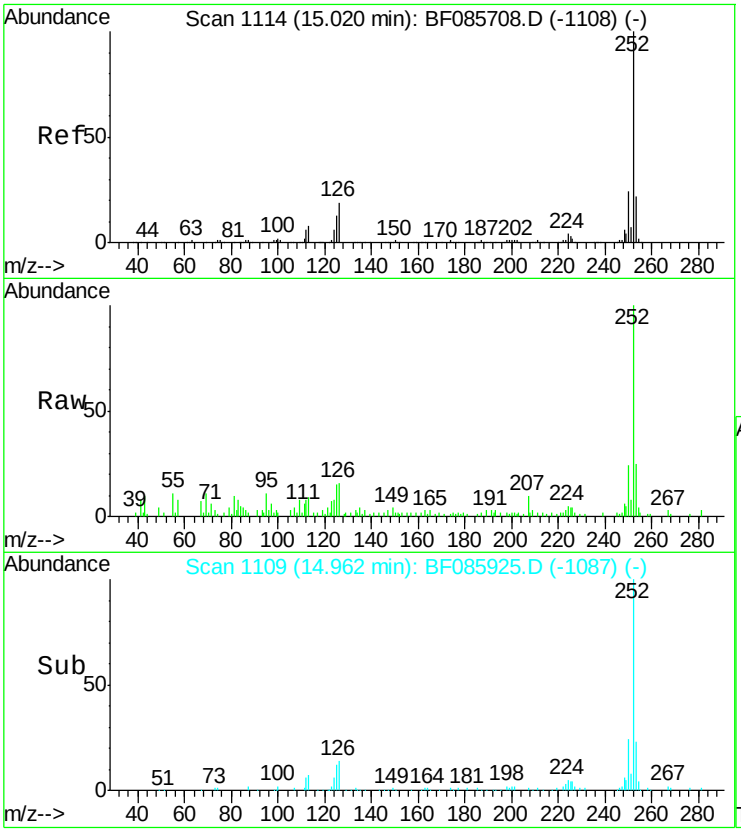


#87
Benzo(b)fluoranthene
Concen: 3.59 ng
RT: 14.96 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion:252 Resp: 46158

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	15.3	10.3	15.5



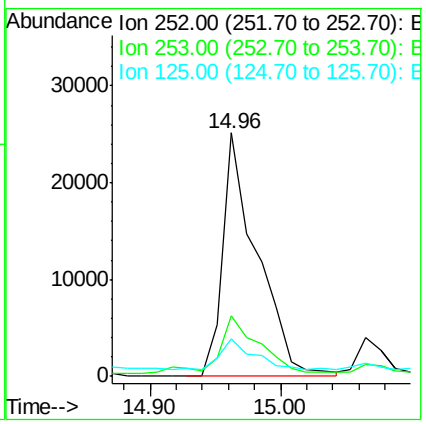


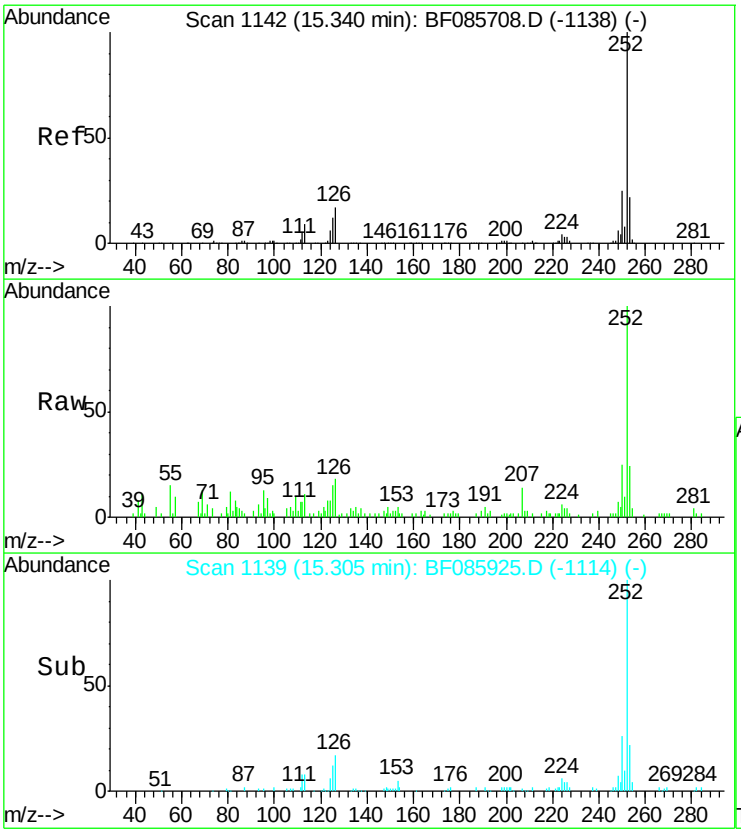
#88
Benzo(k)fluoranthene
Concen: 3.98 ng
RT: 14.96 min Scan# 1109
Delta R.T. -0.05 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:252 Resp: 46158

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.6
125	15.3	7.7	11.5#

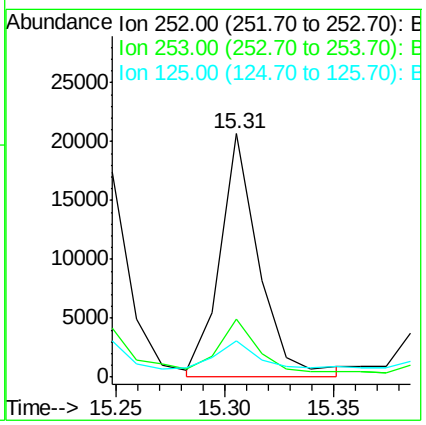


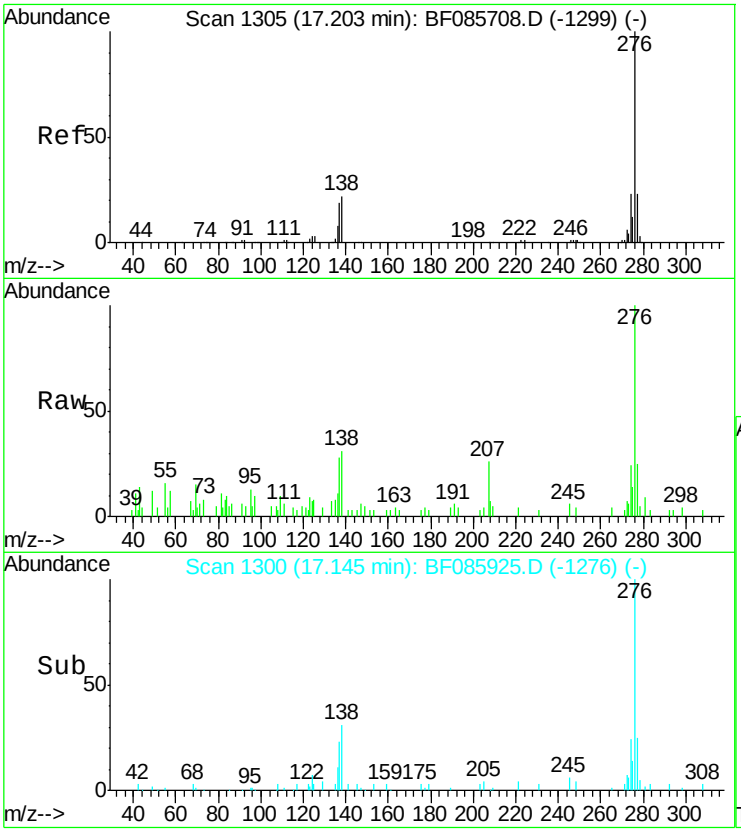


#89
Benzo(a)pyrene
Concen: 2.26 ng
RT: 15.31 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion:252 Resp: 25776

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	15.1	10.3	15.5





#91
Benzo(g,h,i)perylene
Concen: 2.43 ng
RT: 17.15 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:276 Resp: 26130

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	31.0	22.6	34.0