Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082035.D
Acq On : 3 Oct 2015 21:55
Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Time: Oct 05 01:44:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	86187	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	370598	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	188177	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	348336	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	303167	20.00	ng	-0.03
86) Perylene-d12	15.53	264	252723	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	476000	100.26	ng	-0.04
7) Phenol-d6	6.51	99	719416	120.42	ng	-0.05
23) Nitrobenzene-d5	7.45	82	398965	71.76	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	167470	87.87	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	681800	56.83	ng	-0.05
78) Terphenyl-d14	13.03	244	662436	66.44	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	50498	13.91	ng	# 57
25) Isophorone	7.45	82	342195	31.05	ng	# 58
49) Dimethylphthalate	9.65	163	219546	16.90	ng	# 97
57) Fluorene	10.48	166	3405	Below Cal		# 57
66) 4-Bromophenyl-phenylether	10.72	248	10312	2.94	ng	# 1
73) Di-n-butylphthalate	11.99	149	6417	Below Cal		# 1
74) Fluoranthene	12.65	202	523486	28.05	ng	88
77) Pyrene	12.88	202	578311	31.93	ng	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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Acq On : 3 Oct 2015 21:55
Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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MGP220BR-9-10

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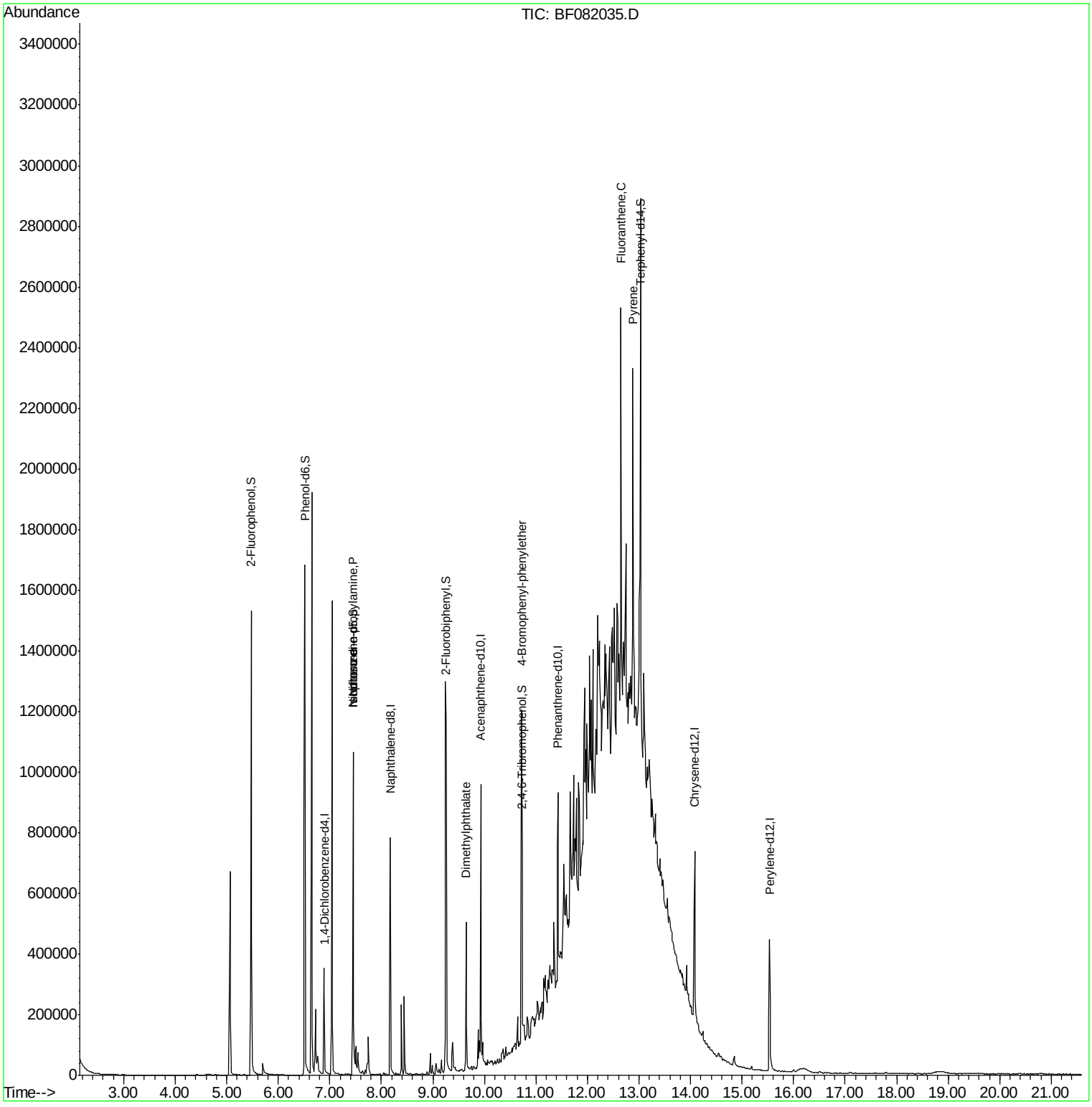
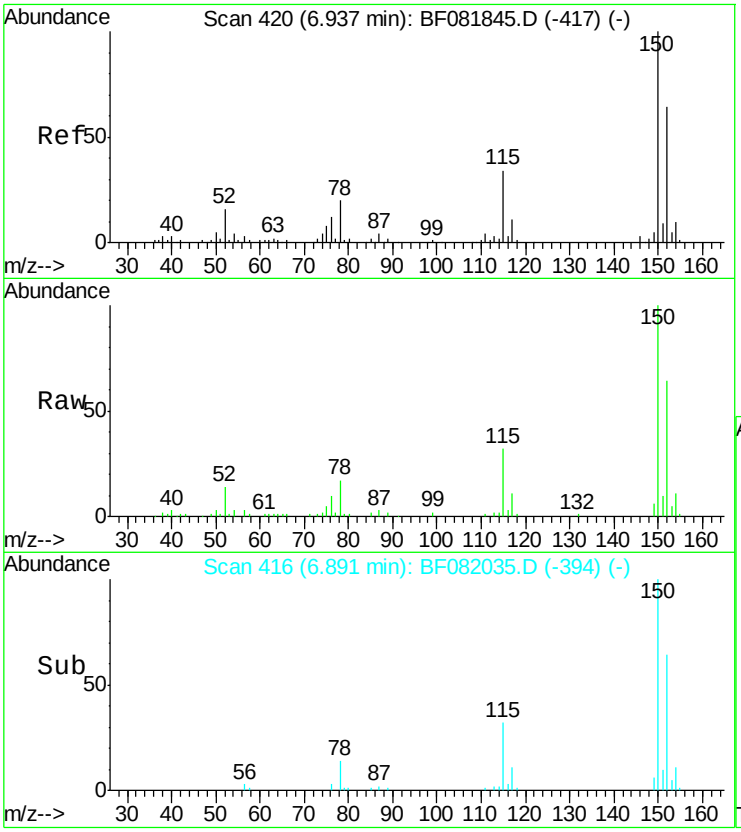
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration



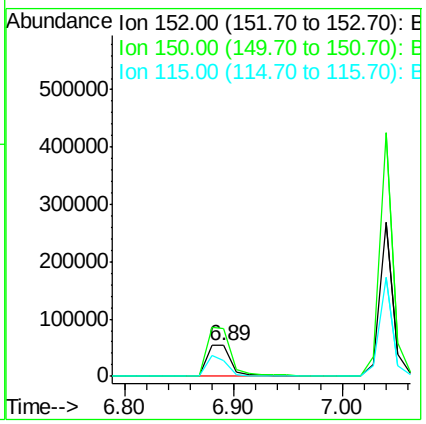


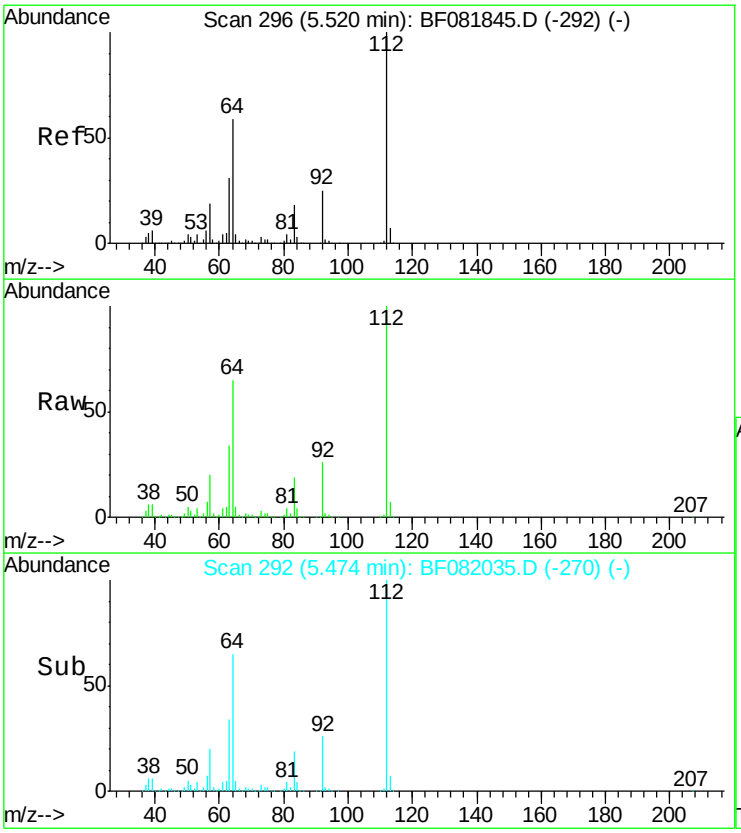
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Instrument :
BNA_F
ClientSampleId :
MGP220BR-9-10

Tgt Ion:152 Resp: 86187

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.7	187.1
115	49.6	39.0	58.4

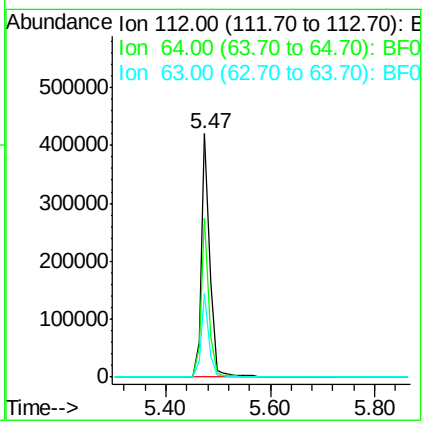


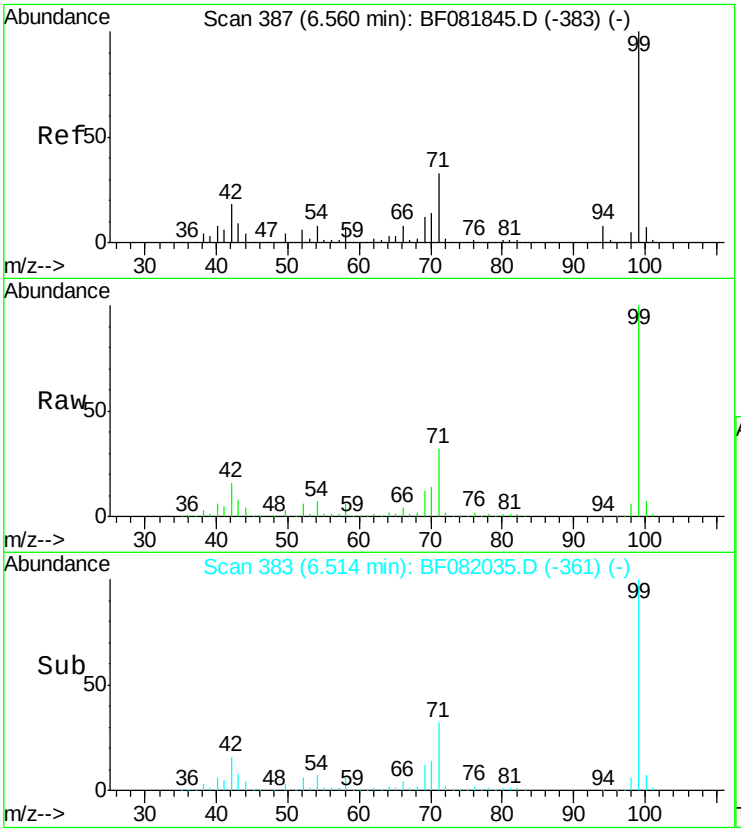


#5
2-Fluorophenol
Concen: 100.26 ng
RT: 5.47 min Scan# 292
Delta R.T. -0.04 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Tgt Ion:112 Resp: 476000

Ion	Ratio	Lower	Upper
112	100		
64	65.2	39.7	59.5#
63	34.3	17.4	26.0#



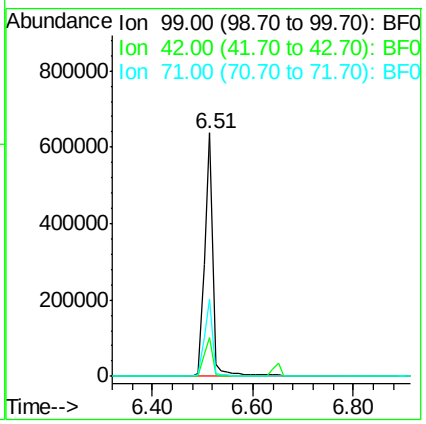


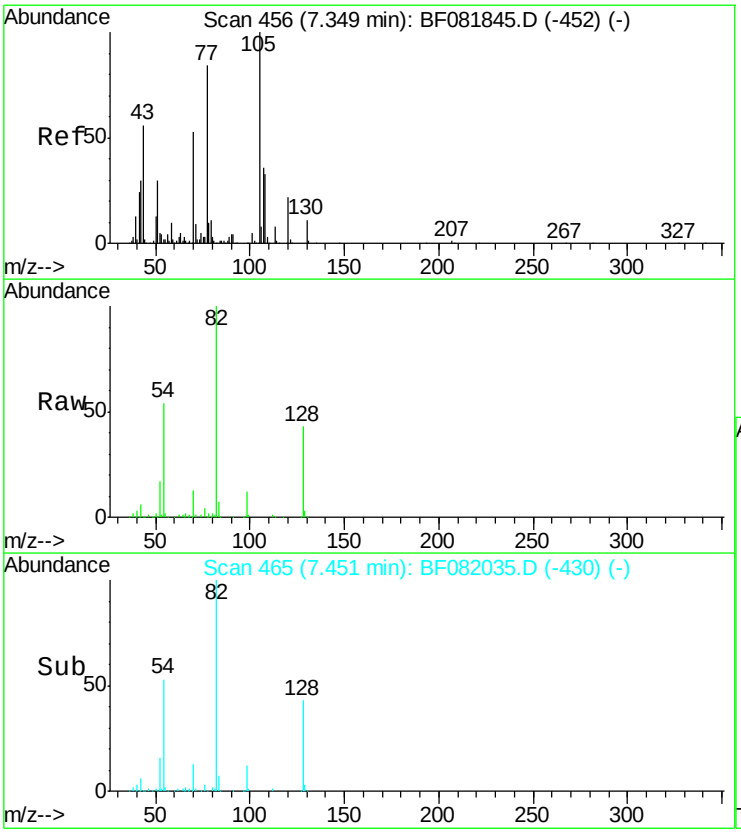
#7
Phenol-d6
Concen: 120.42 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Instrument :
BNA_F
ClientSampleId :
MGP220BR-9-10

Tgt Ion: 99 Resp: 719416

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	31.9	14.2	21.2#

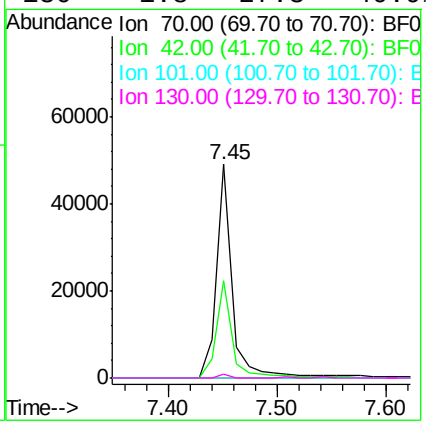


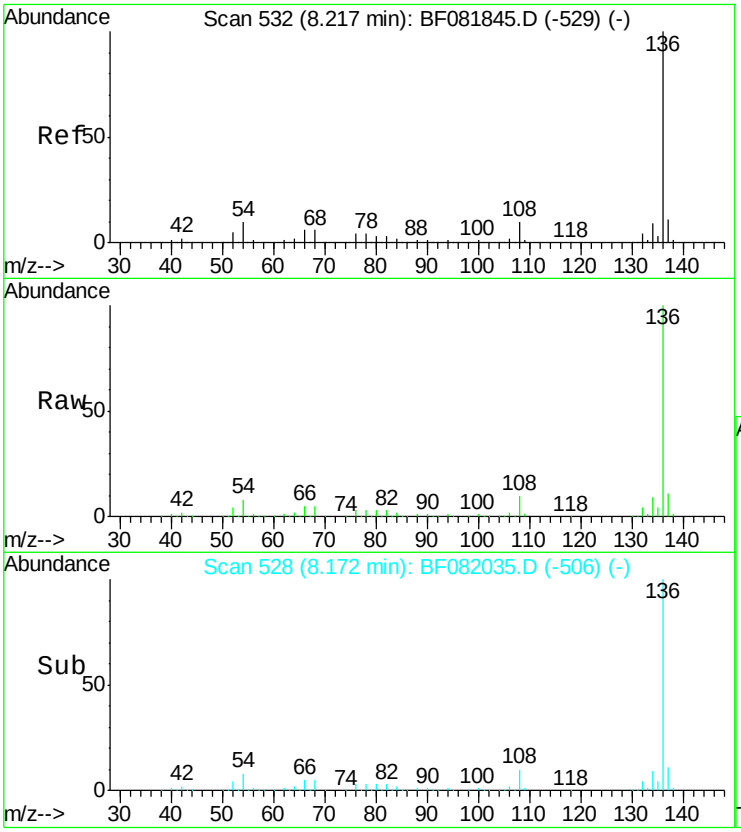


#19
n-Nitroso-di-n-propylamine
Concen: 13.91 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.10 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Tgt Ion: 70 Resp: 50498

Ion	Ratio	Lower	Upper
70	100		
42	45.6	63.8	95.6#
101	0.0	9.2	13.8#
130	1.8	27.3	40.9#



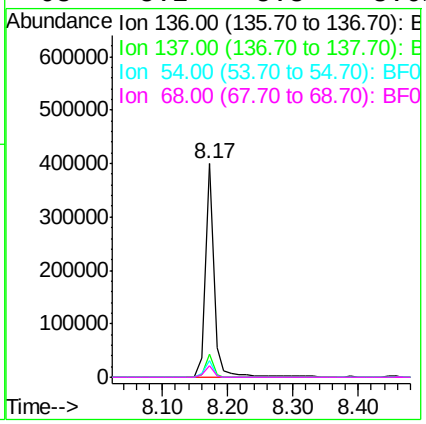


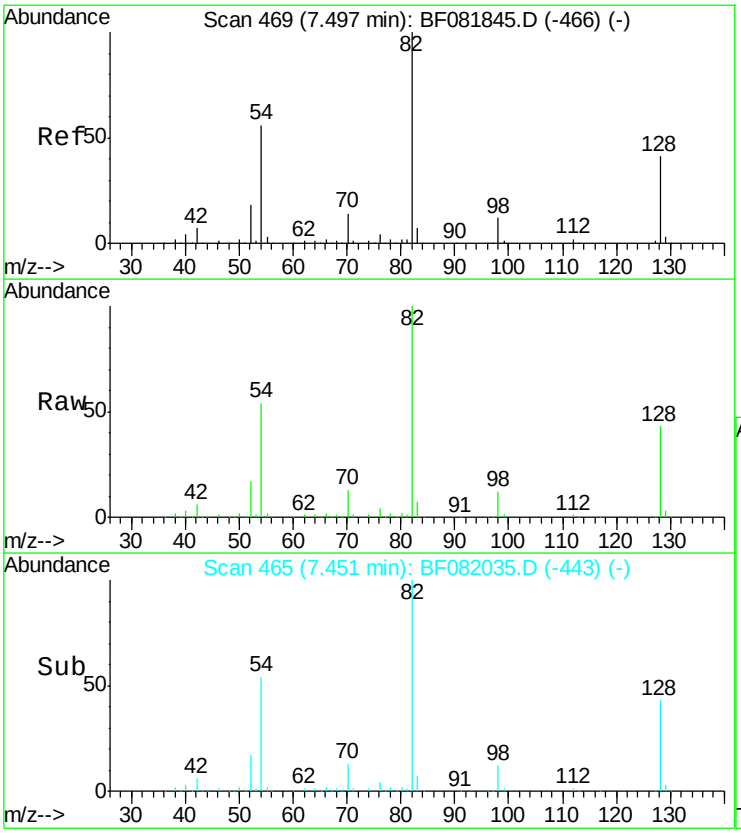
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Instrument :
BNA_F
ClientSampleId :
MGP220BR-9-10

Tgt Ion:136 Resp: 370598

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.9	8.2	12.2#
68	5.2	5.8	8.6#

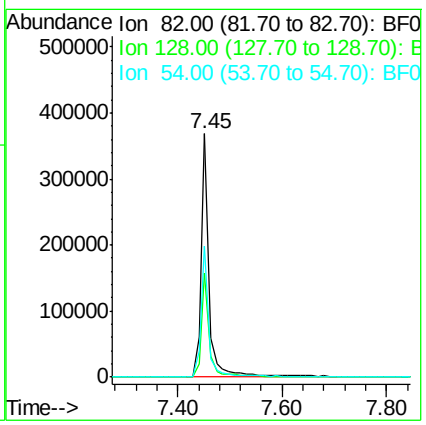


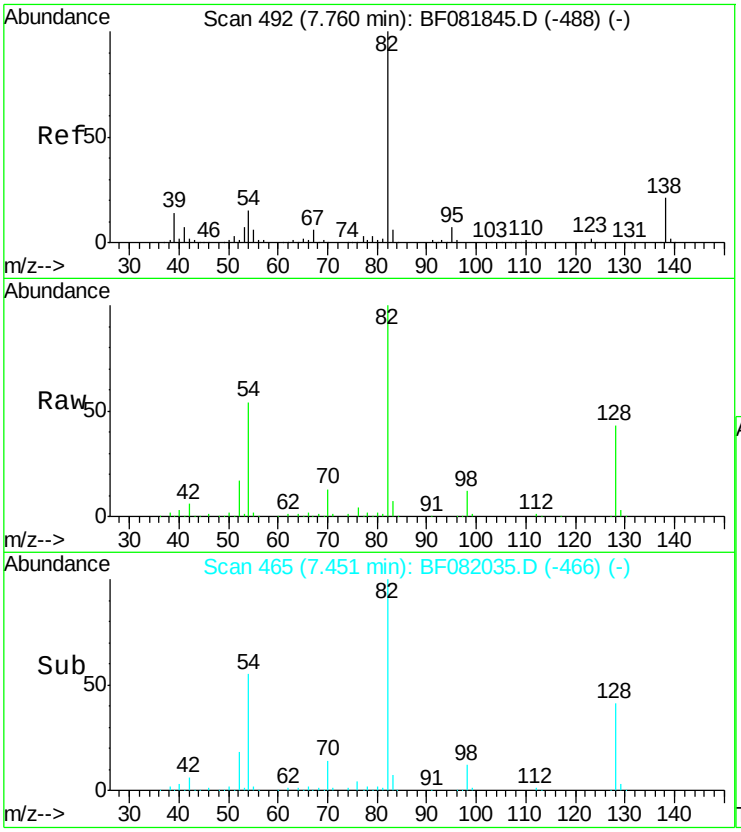


#23
Nitrobenzene-d5
Concen: 71.76 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Tgt Ion: 82 Resp: 398965

Ion	Ratio	Lower	Upper
82	100		
128	43.0	51.0	76.6#
54	53.9	47.5	71.3



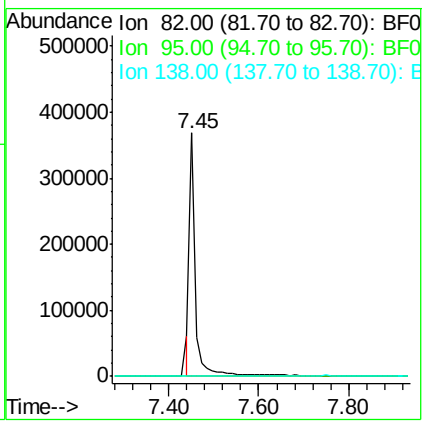


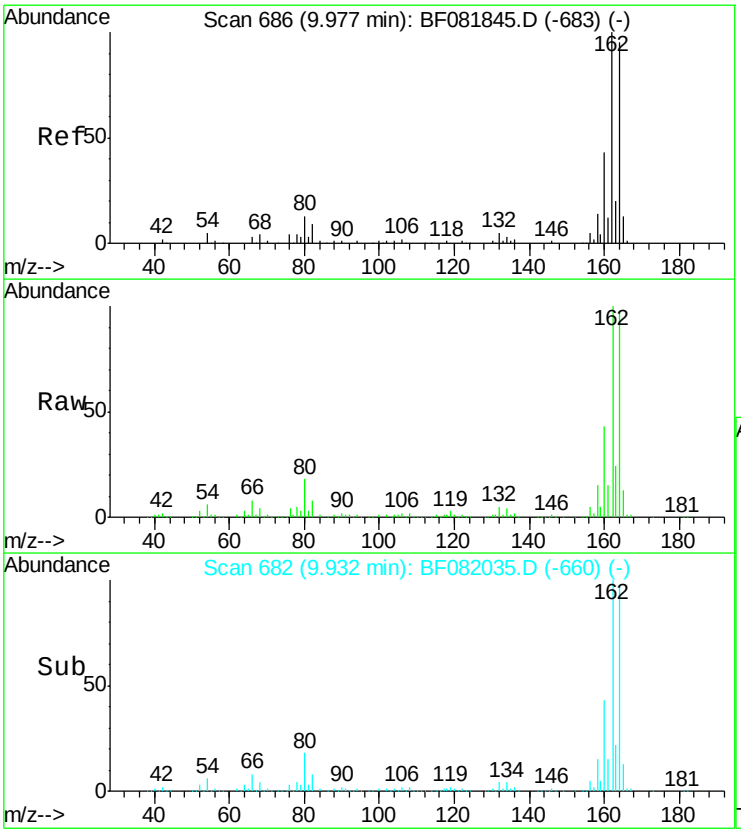
#25
Isophorone
Concen: 31.05 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.31 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Instrument :
BNA_F
ClientSampleId :
MGP220BR-9-10

Tgt Ion: 82 Resp: 342195

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

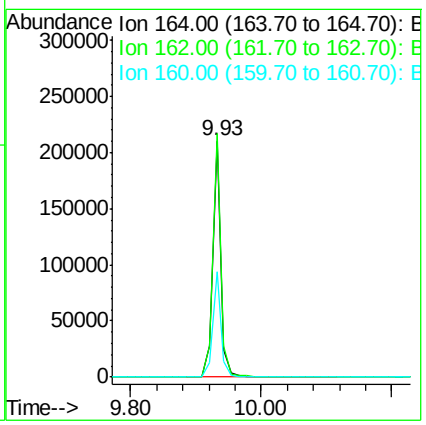


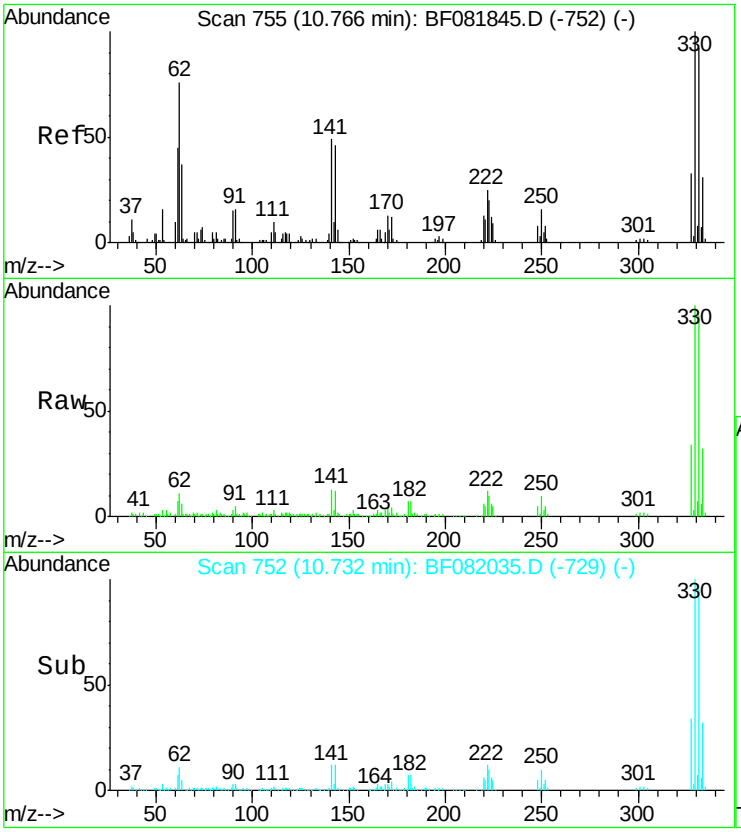


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Tgt Ion:164 Resp: 188177

Ion	Ratio	Lower	Upper
164	100		
162	103.0	75.2	112.8
160	44.7	31.5	47.3



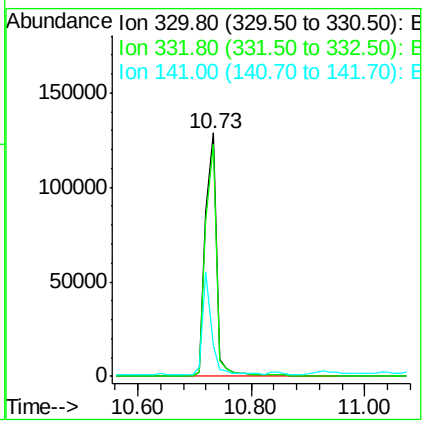


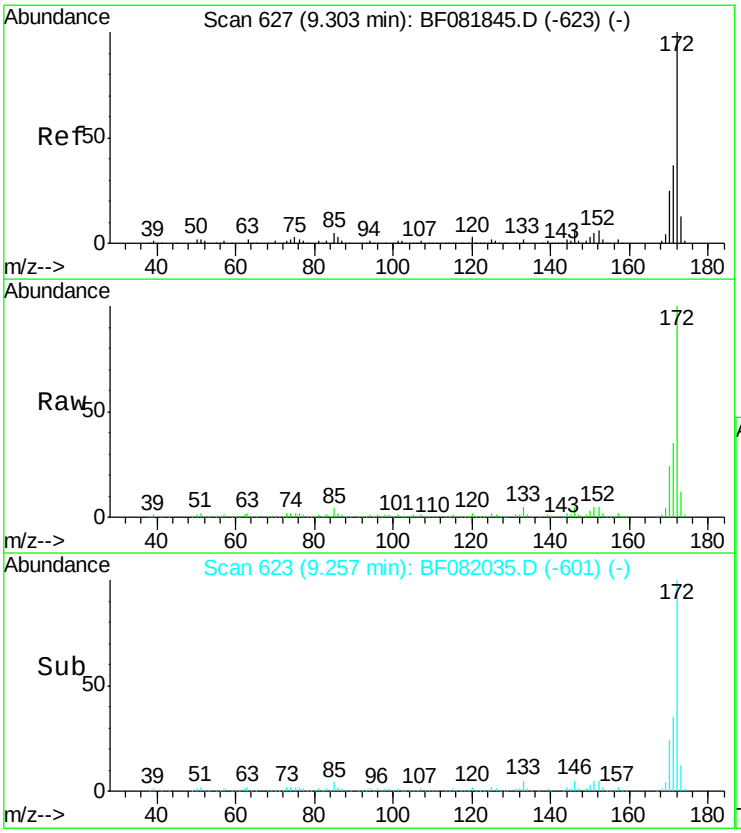
#41
2,4,6-Tribromophenol
Concen: 87.87 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Instrument :
BNA_F
ClientSampleId :
MGP220BR-9-10

Tgt Ion:330 Resp: 167470

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	33.8	29.7	44.5

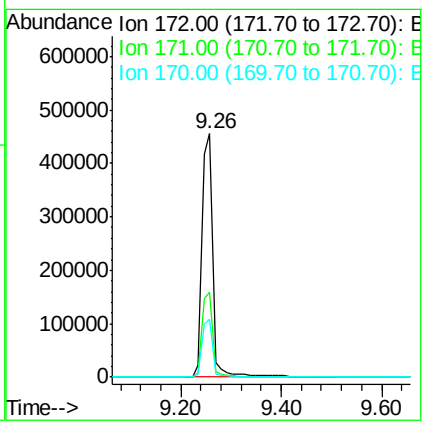


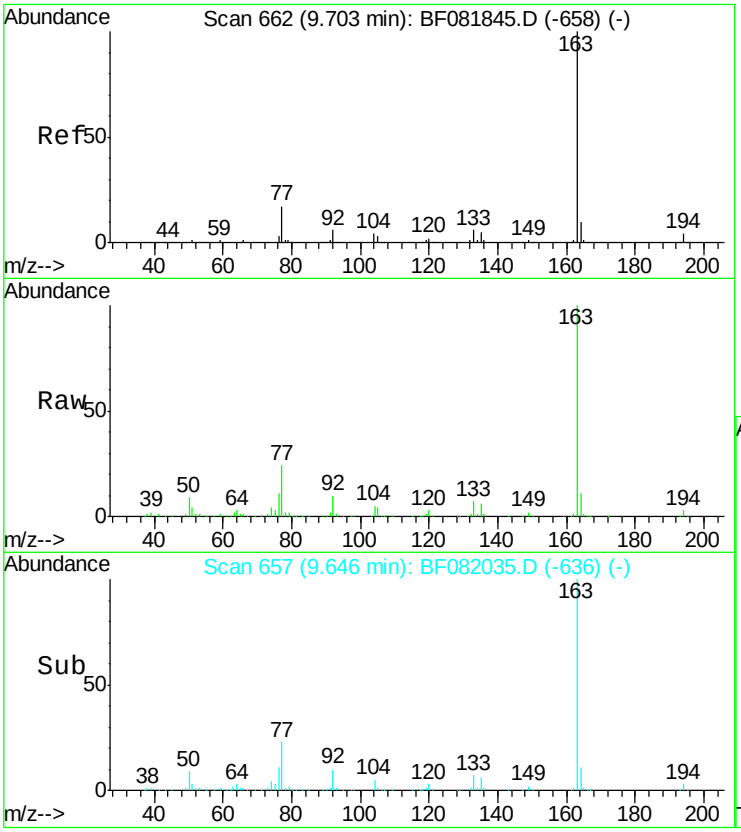


#44
2-Fluorobiphenyl
Concen: 56.83 ng
RT: 9.26 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Tgt Ion:172 Resp: 681800

Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.1	39.1
170	23.8	17.4	26.2



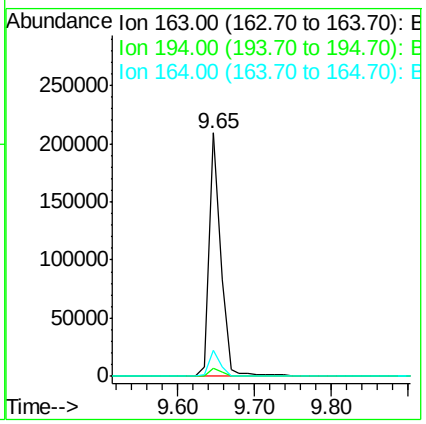


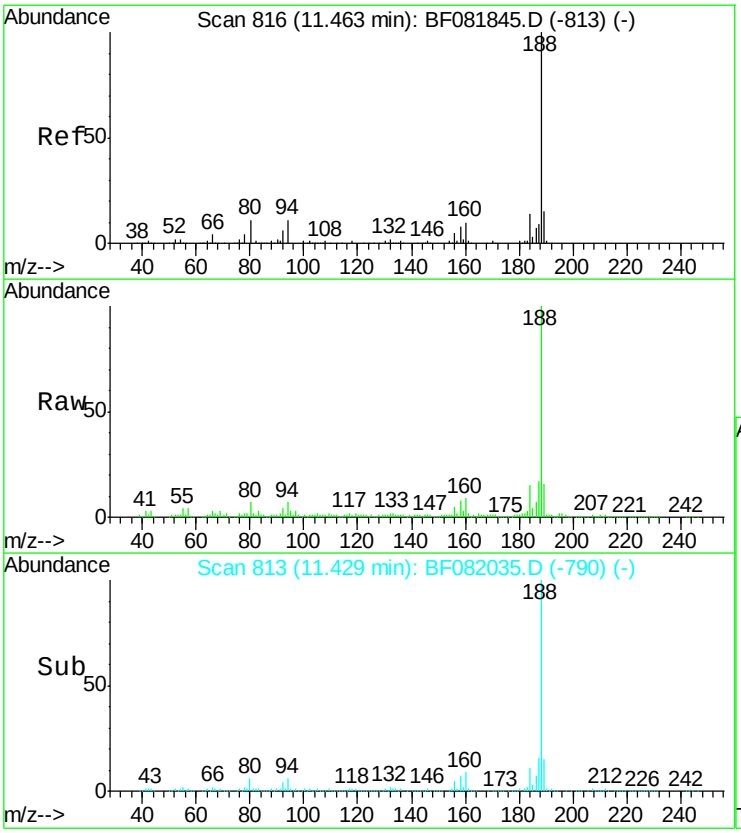
#49
Dimethylphthalate
Concen: 16.90 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Instrument :
BNA_F
ClientSampleId :
MGP220BR-9-10

Tgt Ion:163 Resp: 219546

Ion	Ratio	Lower	Upper
163	100		
194	3.2	4.4	6.6#
164	10.7	8.3	12.5

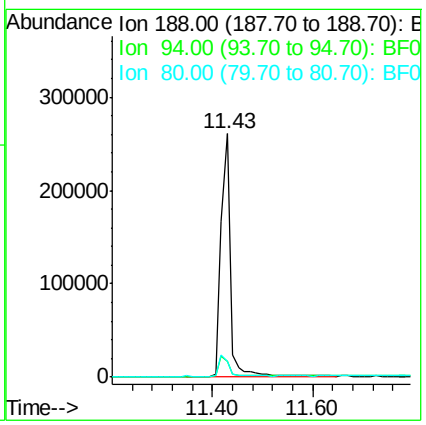


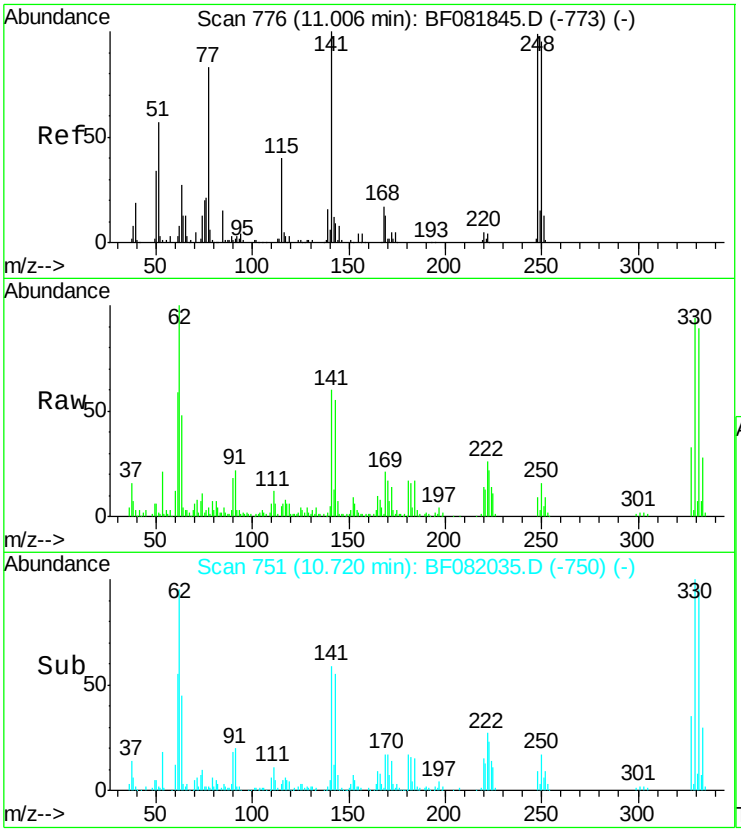


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Tgt Ion:188 Resp: 348336

Ion	Ratio	Lower	Upper
188	100		
94	6.5	11.1	16.7#
80	6.6	11.0	16.4#



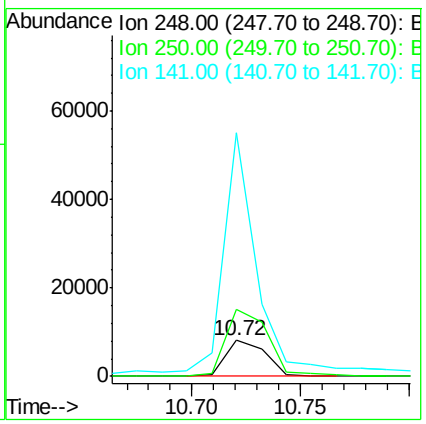


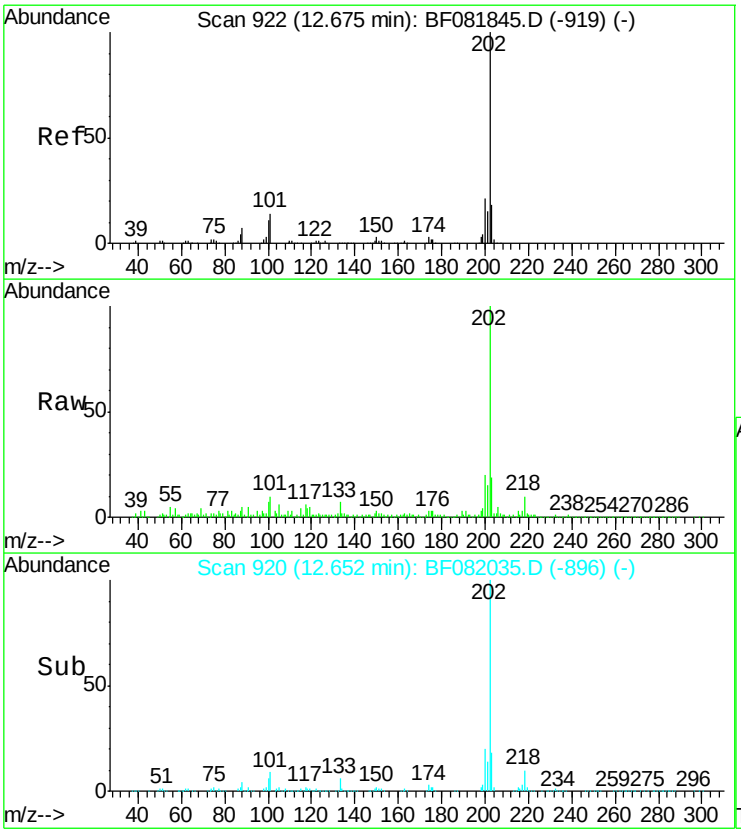
#66
4-Bromophenyl-phenylether
Concen: 2.94 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Instrument :
BNA_F
ClientSampleId :
MGP220BR-9-10

Tgt Ion:248 Resp: 10312

Ion	Ratio	Lower	Upper
248	100		
250	187.3	78.5	117.7#
141	680.3	59.0	88.6#

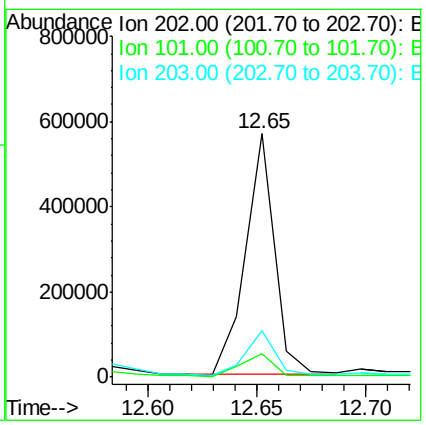


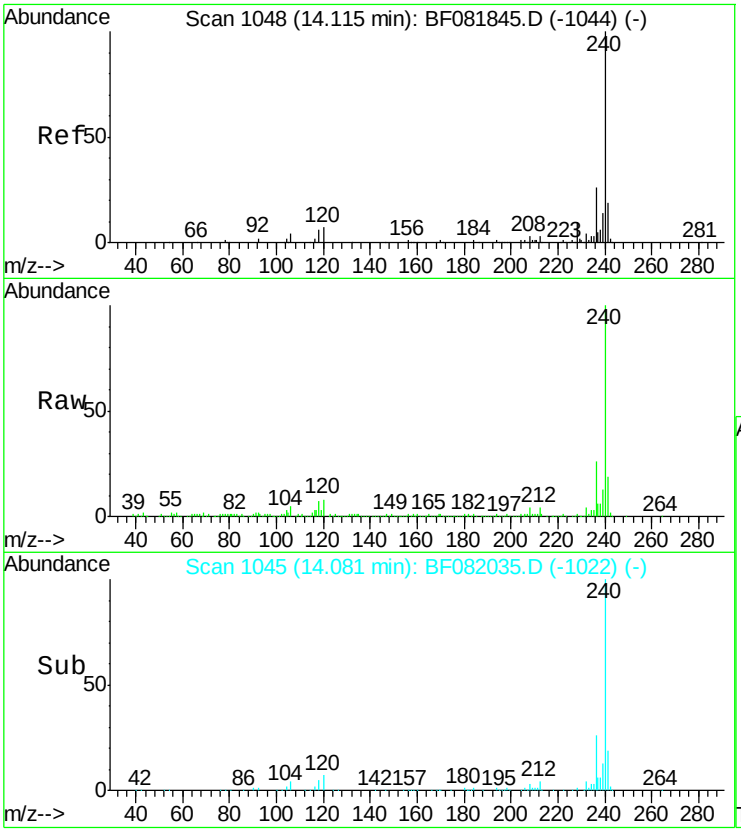


#74
Fluoranthene
Concen: 28.05 ng
RT: 12.65 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Tgt Ion:202 Resp: 523486

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	38.3
203	19.0	0.0	37.3



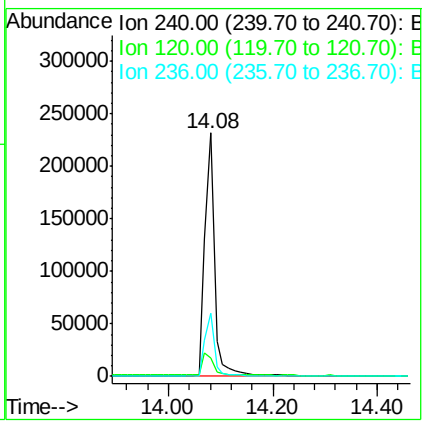


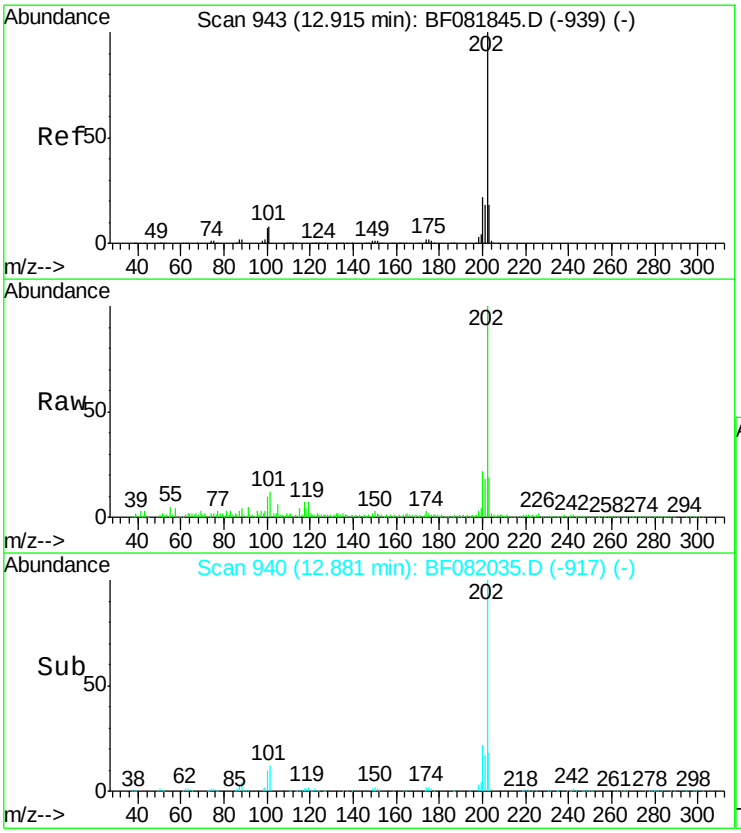
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Instrument :
BNA_F
ClientSampleId :
MGP220BR-9-10

Tgt Ion:240 Resp: 303167

Ion	Ratio	Lower	Upper
240	100		
120	7.8	16.2	24.2#
236	25.8	18.4	27.6

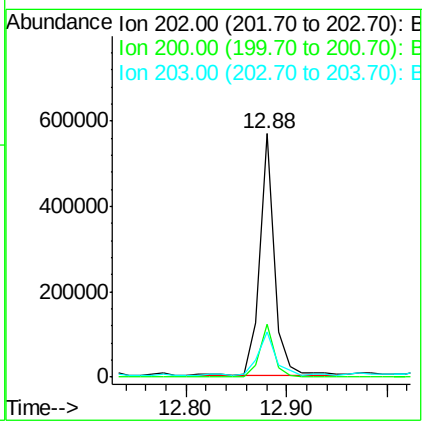


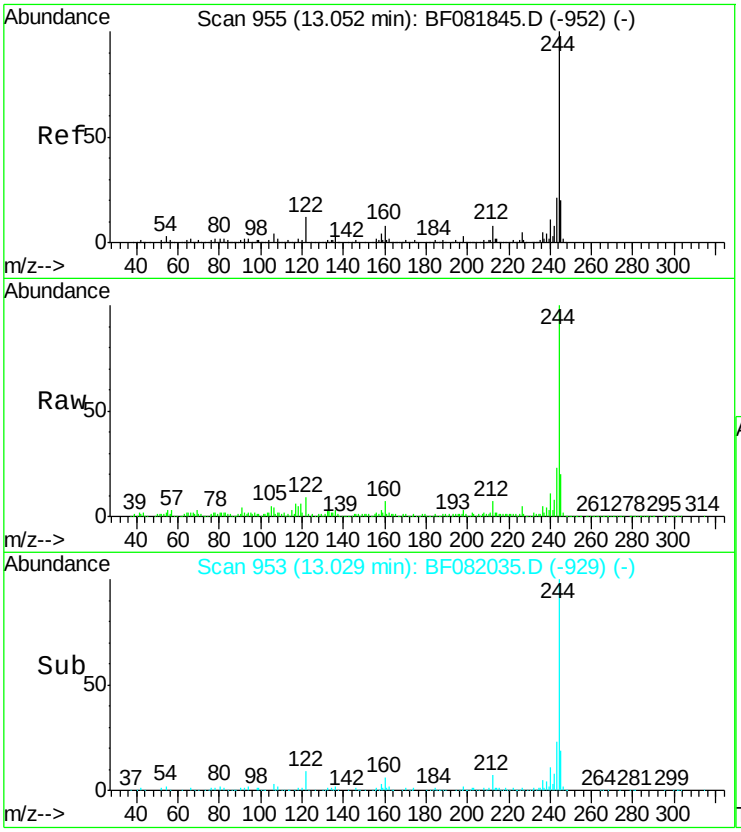


#77
Pyrene
Concen: 31.93 ng
RT: 12.88 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Tgt Ion:202 Resp: 578311

Ion	Ratio	Lower	Upper
202	100		
200	21.6	15.0	22.4
203	18.7	14.1	21.1



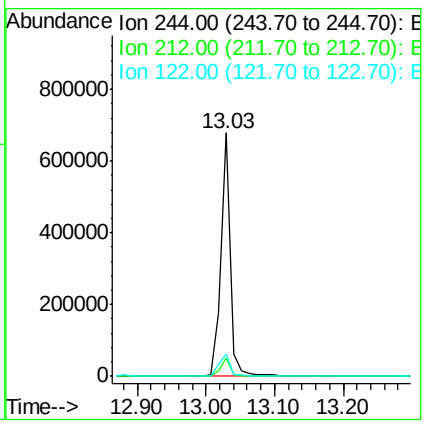


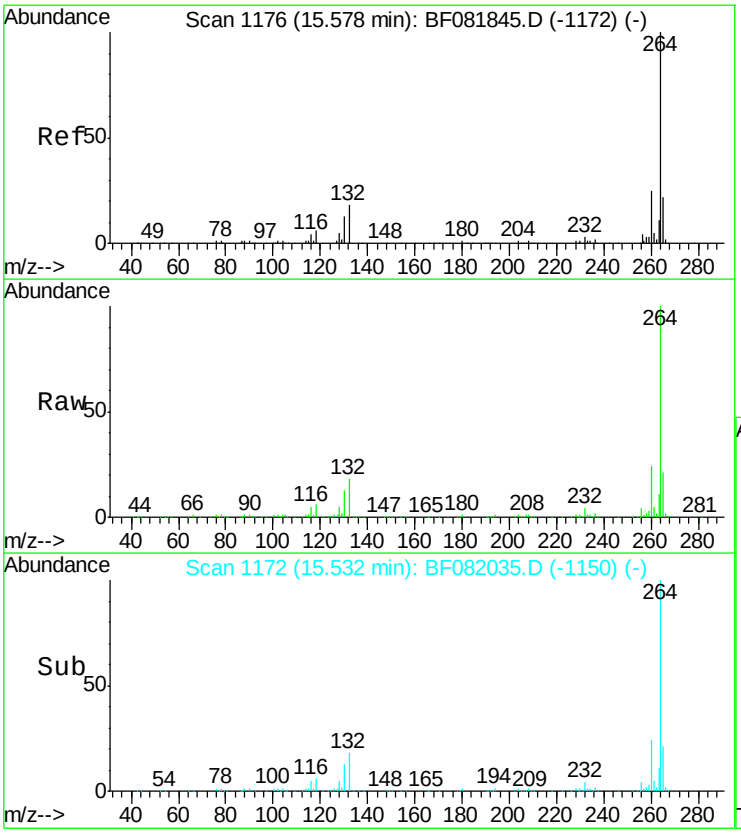
#78
Terphenyl-d14
Concen: 66.44 ng
RT: 13.03 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Instrument :
BNA_F
ClientSampleId :
MGP220BR-9-10

Tgt Ion:244 Resp: 662436

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	9.0	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Tgt Ion:264 Resp: 252723

Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.4	17.2	25.8