Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080156.D
Acq On : 25 Jun 2015 5:02
Operator : TP/IZ
Sample : G2699-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9819

Quant Time: Jun 25 05:34:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 00:52:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	33838	20.00	ng		0.00
21) Naphthalene-d8	8.61	136	130578	20.00	ng		0.00
38) Acenaphthene-d10	10.38	164	66830	20.00	ng		0.00
63) Phenanthrene-d10	11.88	188	128818	20.00	ng		-0.01
75) Chrysene-d12	14.78	240	158801	20.00	ng		-0.15
86) Perylene-d12	16.62	264	162166	20.00	ng		-0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.92	112	292482	153.01	ng		0.00
7) Phenol-d6	6.92	99	367764	144.58	ng		0.00
23) Nitrobenzene-d5	7.88	82	215851	96.23	ng		0.00
41) 2,4,6-Tribromophenol	11.18	330	97333	148.94	ng		0.01
44) 2-Fluorobiphenyl	9.68	172	439241	93.73	ng		0.00
78) Terphenyl-d14	13.54	244	570509	83.90	ng		-0.07
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.86	70	27262	15.44	ng	#	65
25) Isophorone	7.88	82	215151	47.66	ng	#	58
49) Dimethylphthalate	10.07	163	50638	10.08	ng	#	98
56) 2,4-Dinitrotoluene	10.38	165	8692	6.80	ng	#	31
66) 4-Bromophenyl-phenylether	11.17	248	7176	5.24	ng	#	1
70) Phenanthrene	11.90	178	17762	2.28	ng		96
74) Fluoranthene	13.14	202	52601	6.33	ng		91
77) Pyrene	13.40	202	52863	5.41	ng		97
80) Benzo(a)anthracene	14.77	228	50580	5.23	ng		94
82) Chrysene	14.81	228	35933	4.03	ng		94
85) Indeno(1,2,3-cd)pyrene	18.45	276	46510	4.13	ng	#	82
87) Benzo(b)fluoranthene	16.08	252	92811	9.45	ng	#	88
88) Benzo(k)fluoranthene	16.08	252	92844	9.29	ng	#	89
89) Benzo(a)pyrene	16.65	252	20432	2.19	ng		93
91) Benzo(g,h,i)perylene	19.00	276	49176	5.10	ng	#	78

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080156.D
Acq On : 25 Jun 2015 5:02
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Misc :
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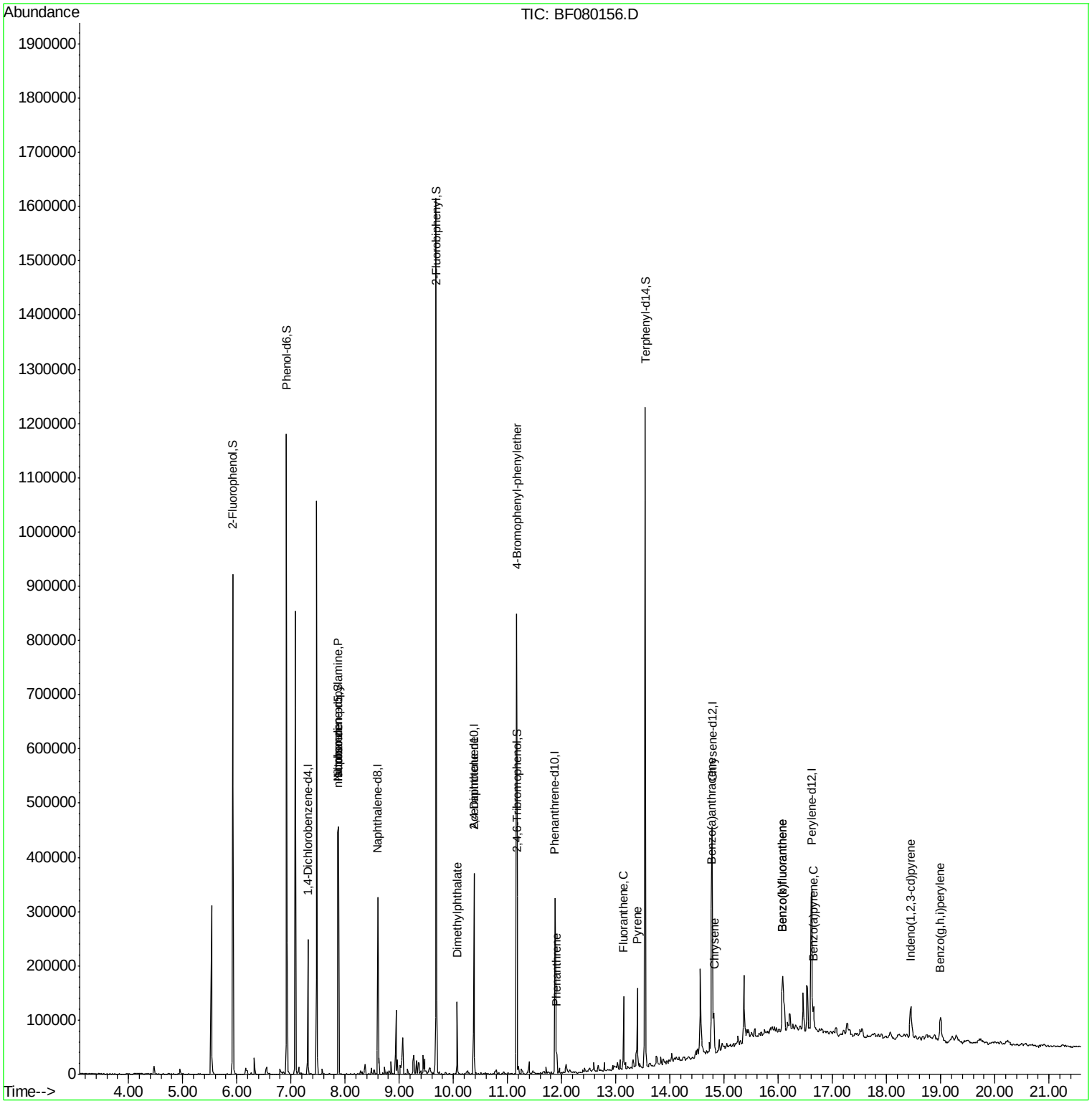
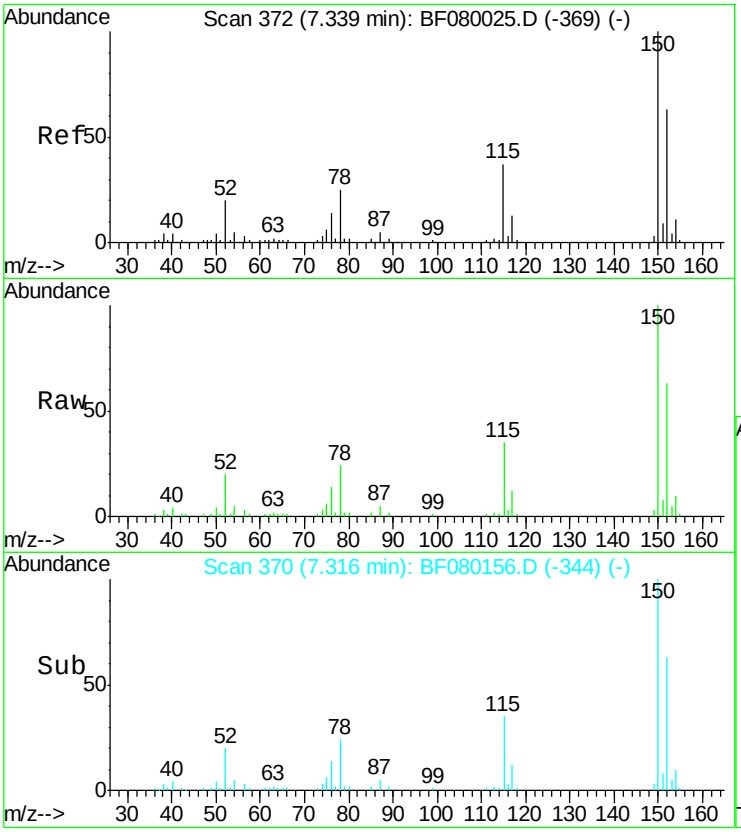


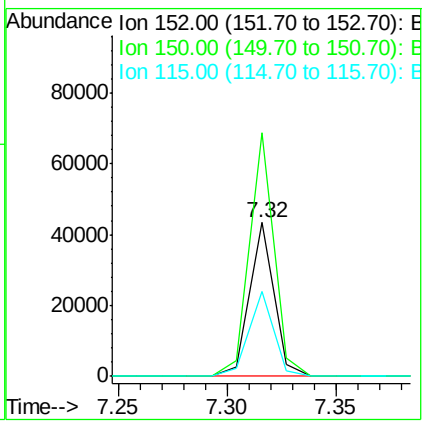


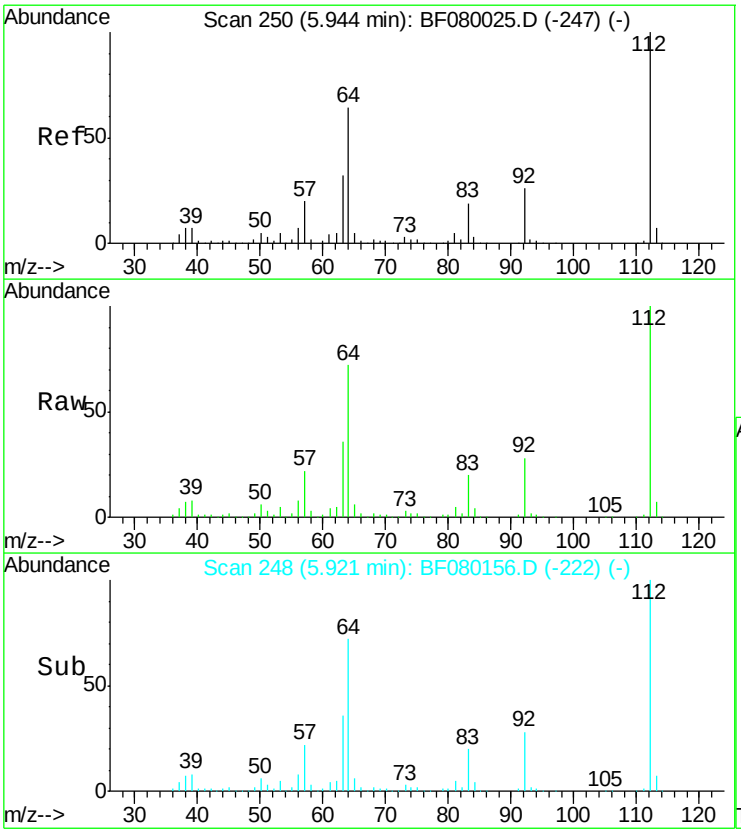
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 370
Delta R.T. -0.00 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:152 Resp: 33838

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.7	187.1
115	55.6	39.0	58.4

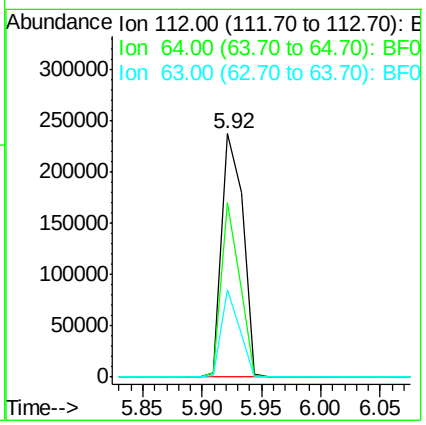


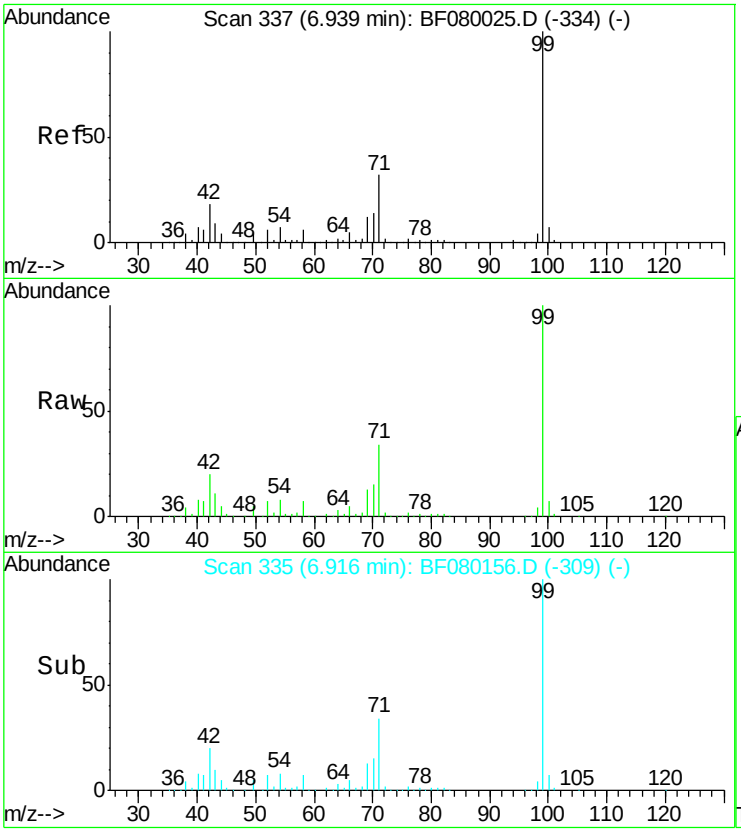


#5
2-Fluorophenol
Concen: 153.01 ng
RT: 5.92 min Scan# 248
Delta R.T. -0.00 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion:112 Resp: 292482

Ion	Ratio	Lower	Upper
112	100		
64	71.7	39.7	59.5#
63	35.9	17.4	26.0#



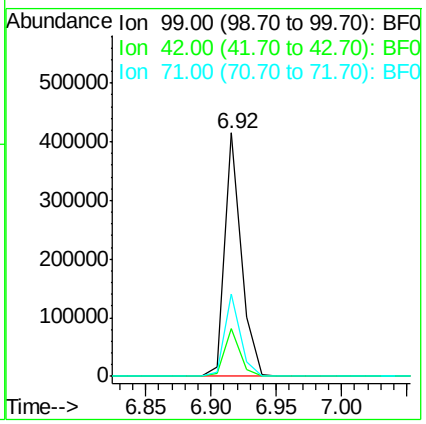


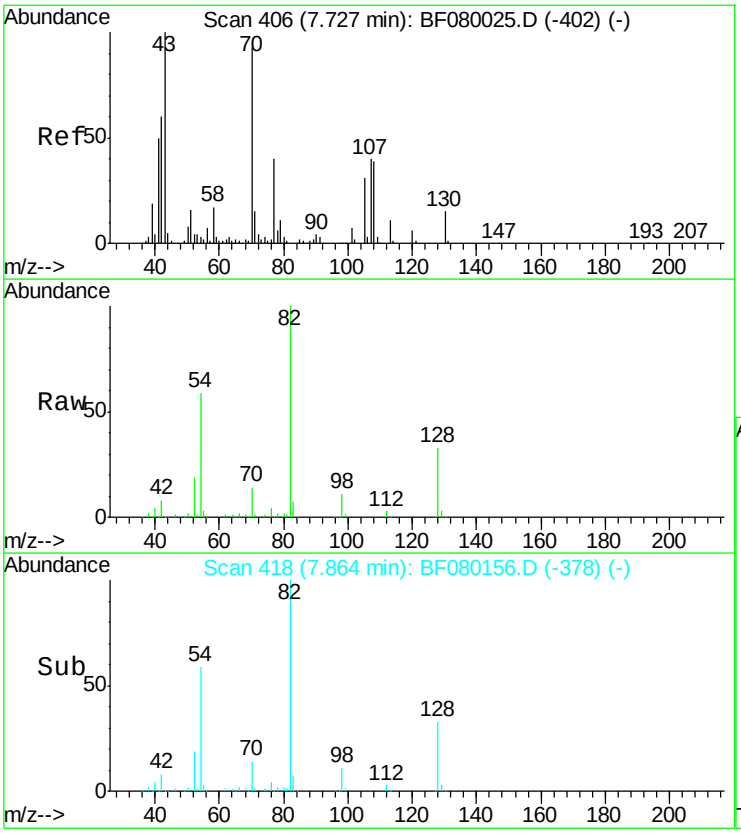
#7
Phenol-d6
Concen: 144.58 ng
RT: 6.92 min Scan# 335
Delta R.T. -0.00 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion: 99 Resp: 367764

Ion	Ratio	Lower	Upper
99	100		
42	19.9	13.7	20.5
71	33.9	14.2	21.2#

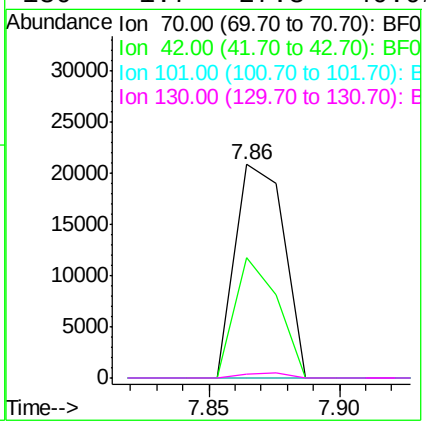


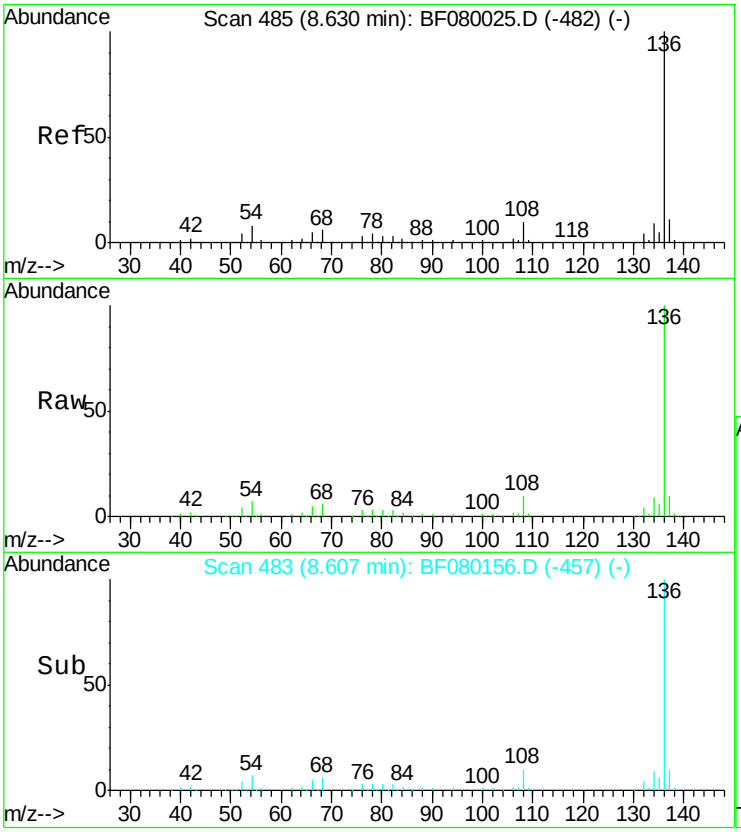


#19
n-Nitroso-di-n-propylamine
Concen: 15.44 ng
RT: 7.86 min Scan# 418
Delta R.T. 0.16 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion: 70 Resp: 27262

Ion	Ratio	Lower	Upper
70	100		
42	56.2	63.8	95.6#
101	0.0	9.2	13.8#
130	1.7	27.3	40.9#



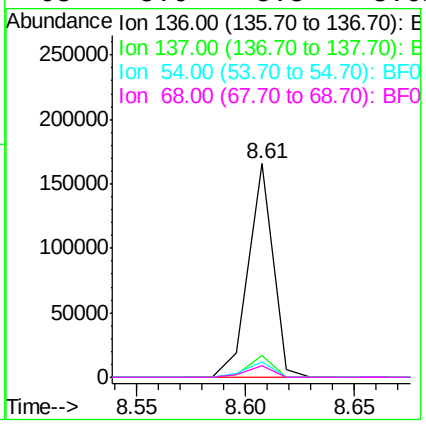


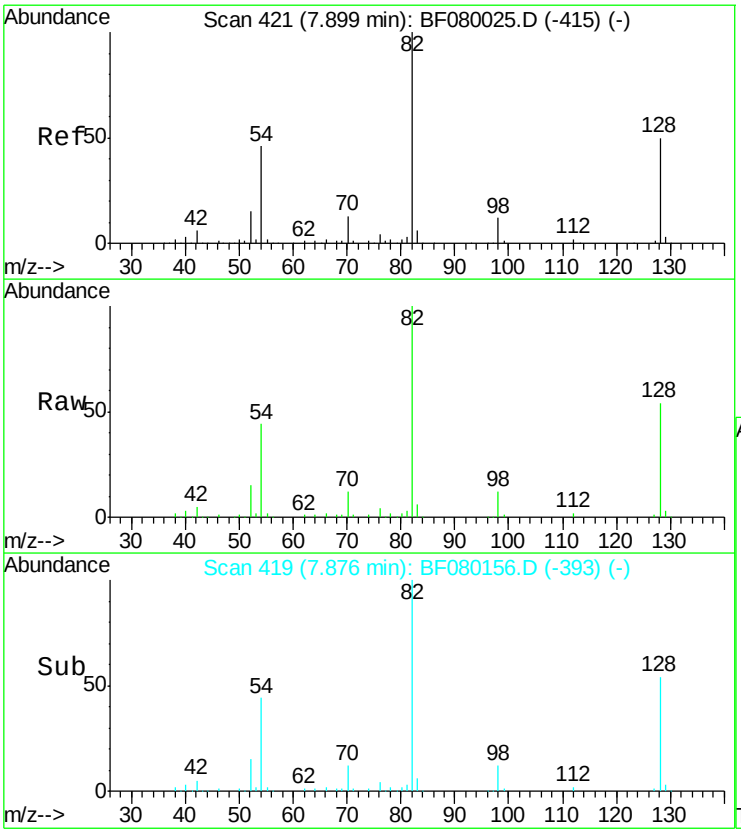
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:136 Resp: 130578

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.6
54	7.4	8.2	12.2#
68	5.6	5.8	8.6#

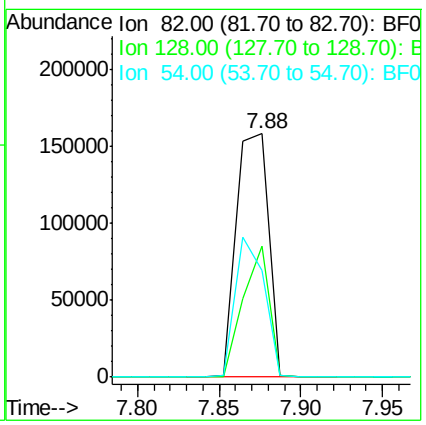


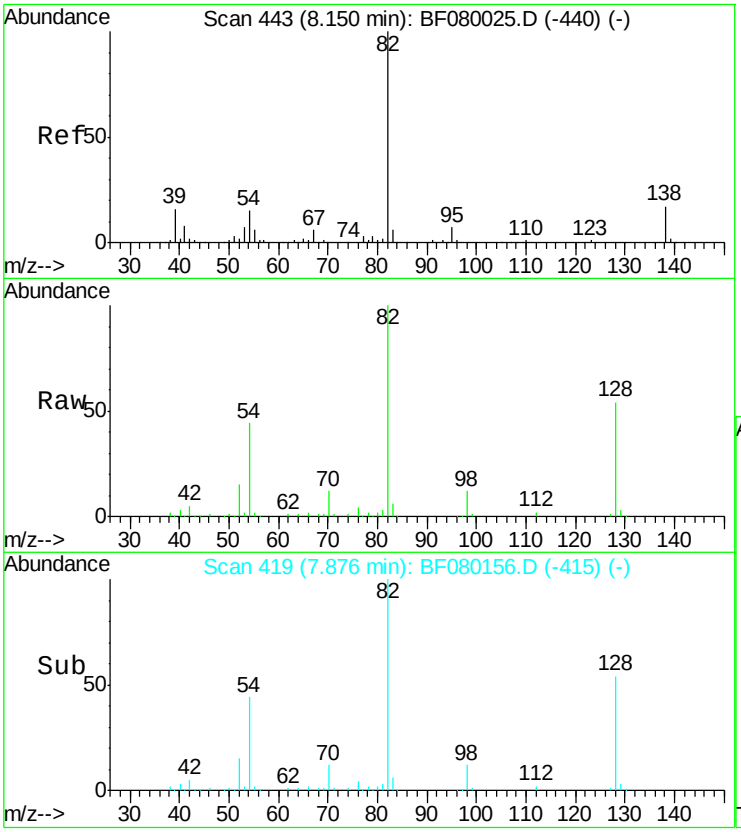


#23
Nitrobenzene-d5
Concen: 96.23 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion: 82 Resp: 215851

Ion	Ratio	Lower	Upper
82	100		
128	54.0	51.0	76.6
54	44.0	47.5	71.3#



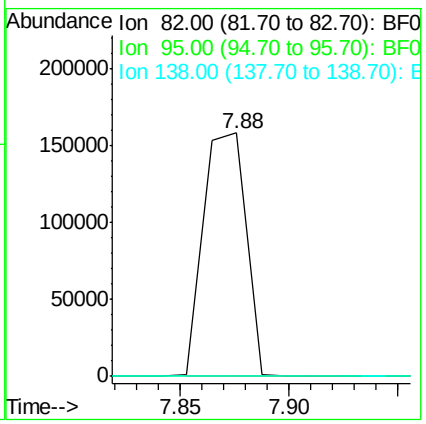


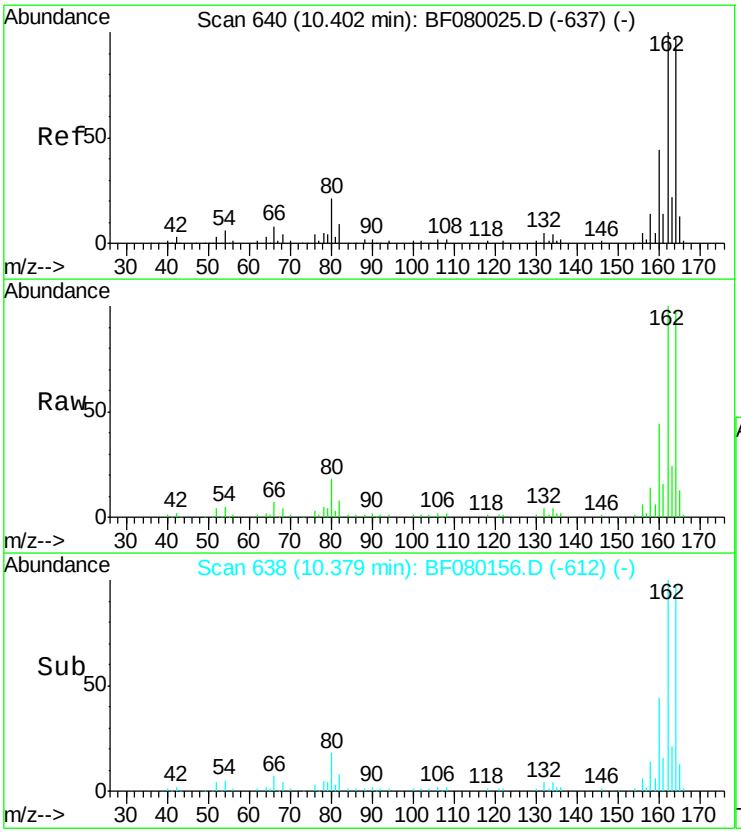
#25
Isophorone
Concen: 47.66 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.25 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion: 82 Resp: 215151

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

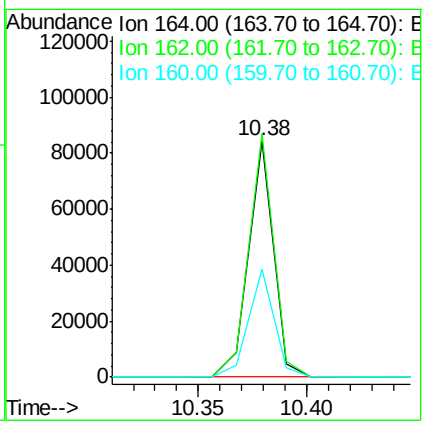


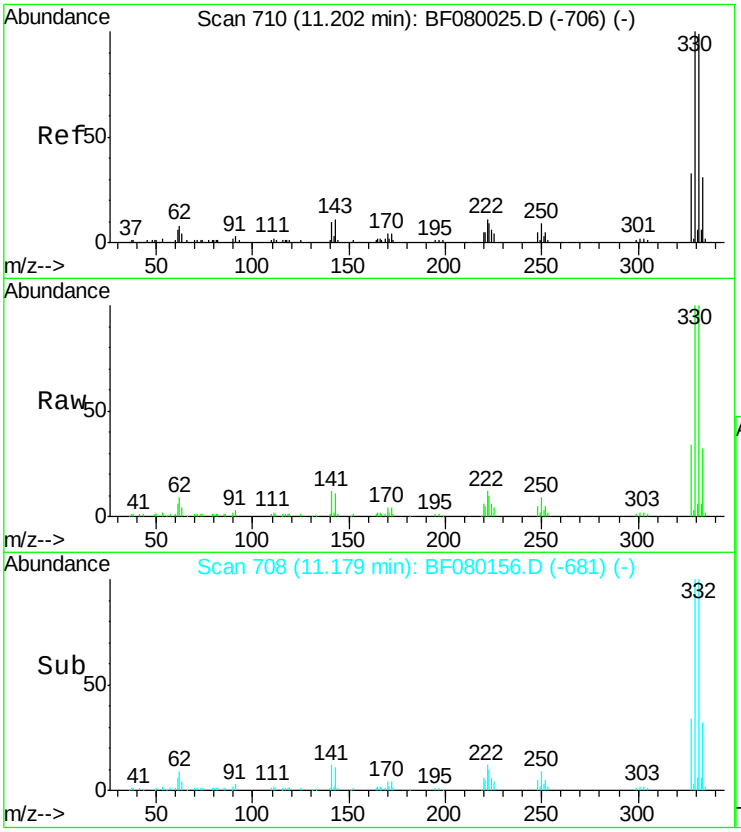


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion:164 Resp: 66830

Ion	Ratio	Lower	Upper
164	100		
162	103.2	75.2	112.8
160	45.5	31.5	47.3



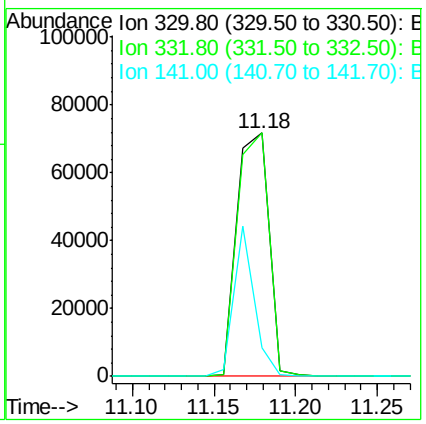


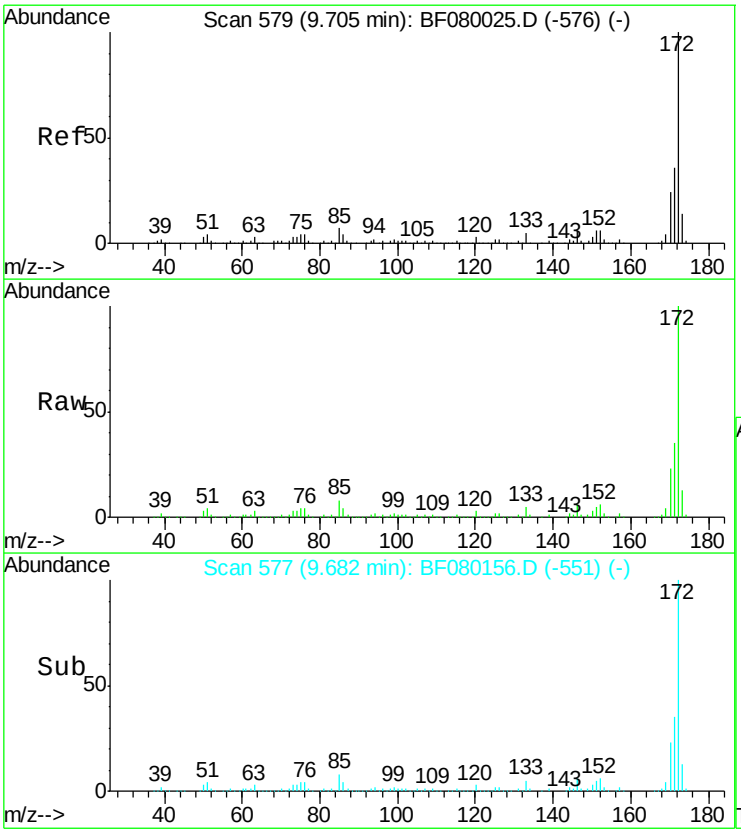
#41
2,4,6-Tribromophenol
Concen: 148.94 ng
RT: 11.18 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:330 Resp: 97333

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	114.8
141	38.7	29.7	44.5

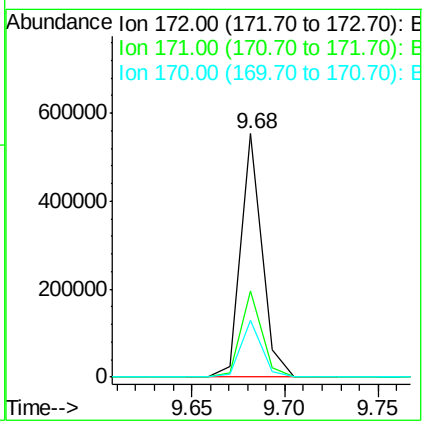


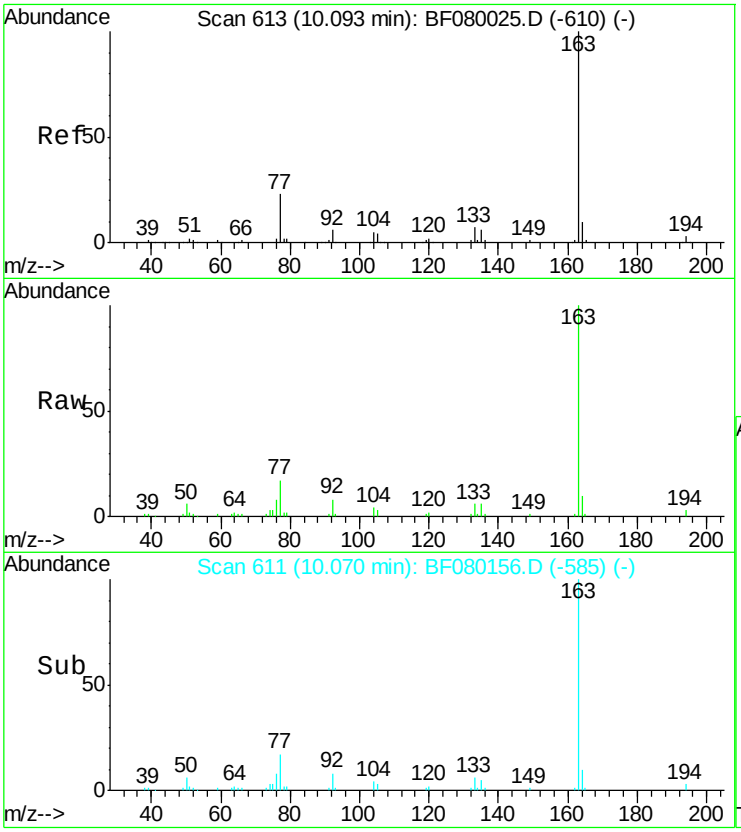


#44
2-Fluorobiphenyl
Concen: 93.73 ng
RT: 9.68 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion:172 Resp: 439241

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	23.4	17.4	26.2



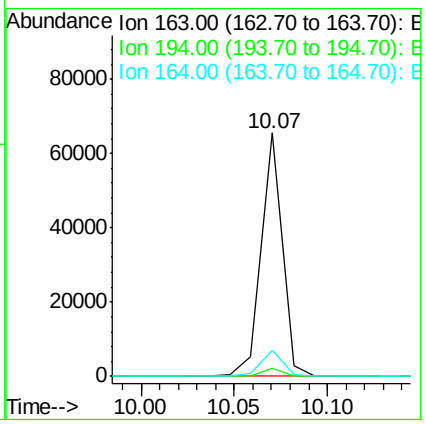


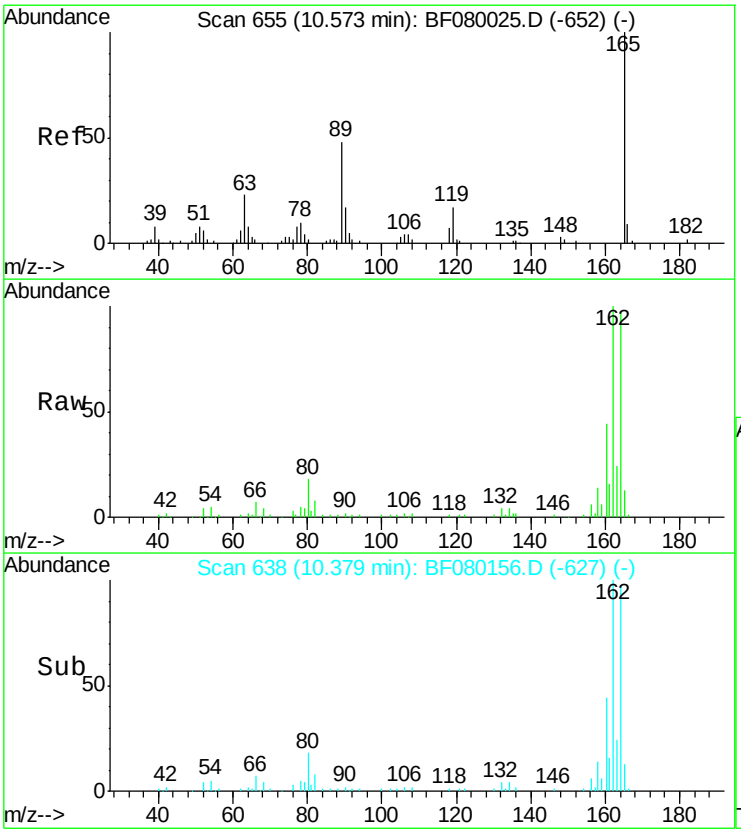
#49
Dimethylphthalate
Concen: 10.08 ng
RT: 10.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:163 Resp: 50638

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	10.5	8.3	12.5

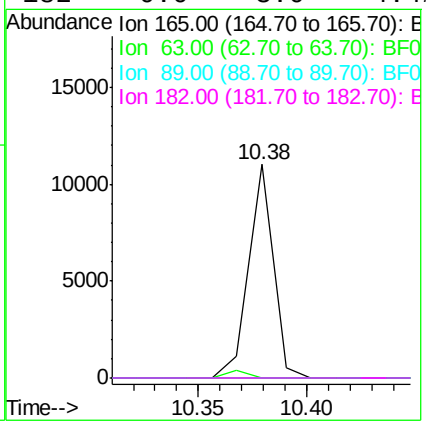


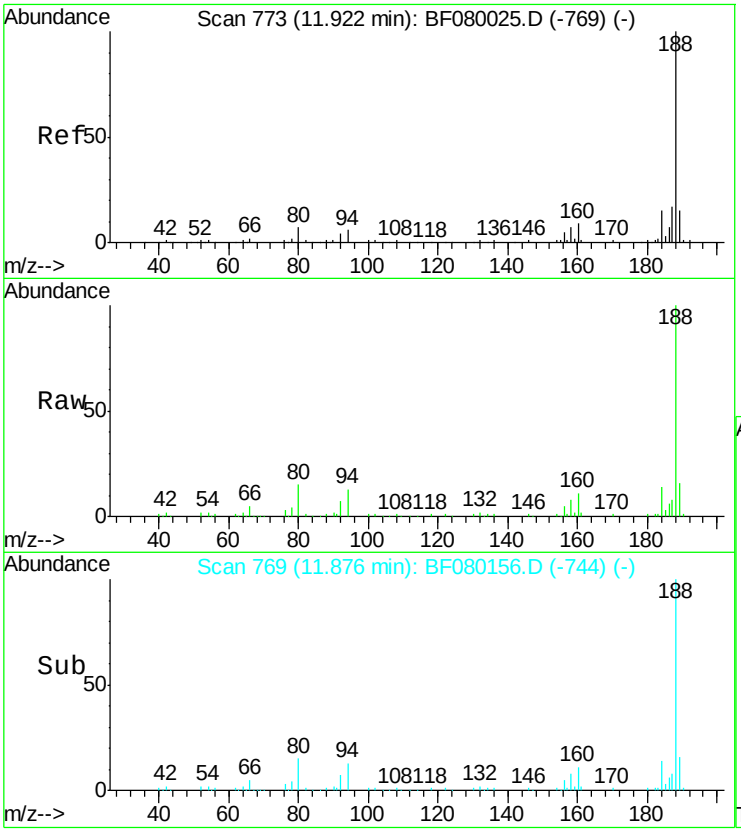


#56
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.17 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion:165 Resp: 8692

Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



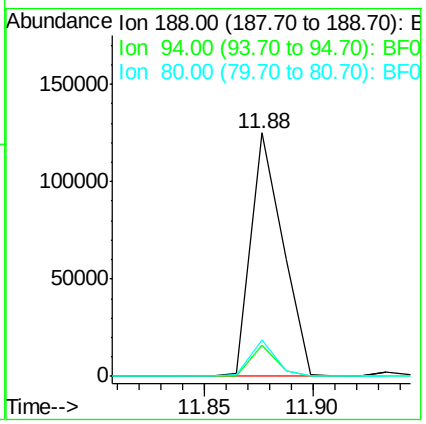


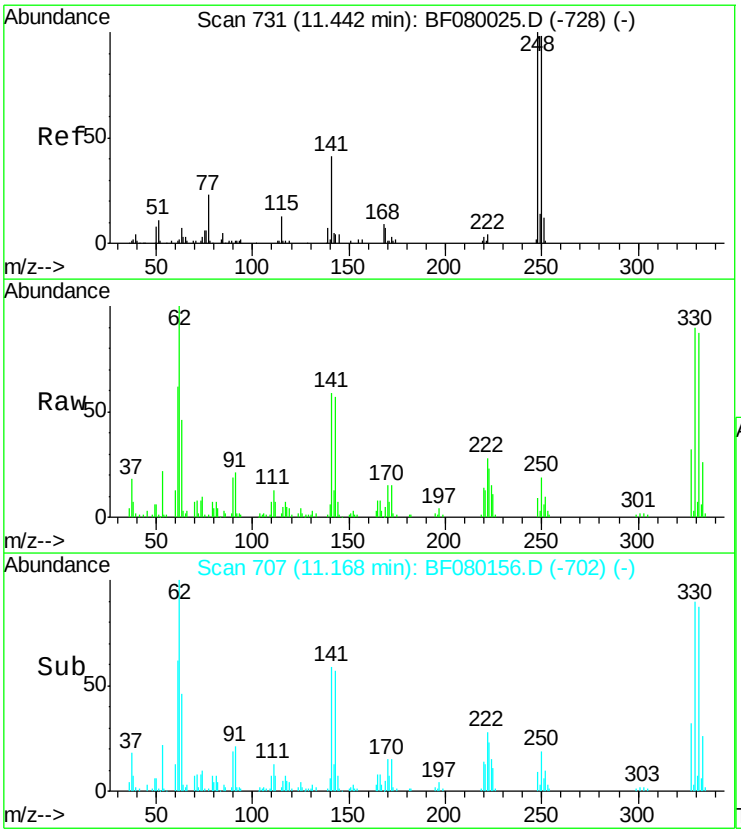
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:188 Resp: 128818

Ion	Ratio	Lower	Upper
188	100		
94	12.6	11.1	16.7
80	14.7	11.0	16.4

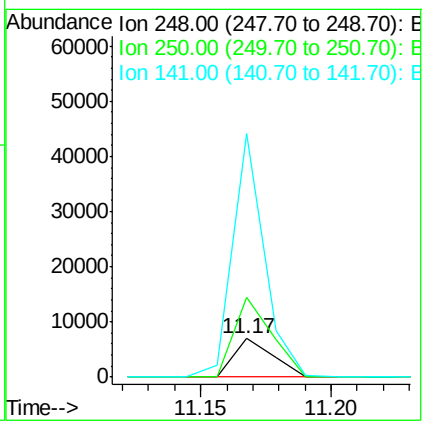


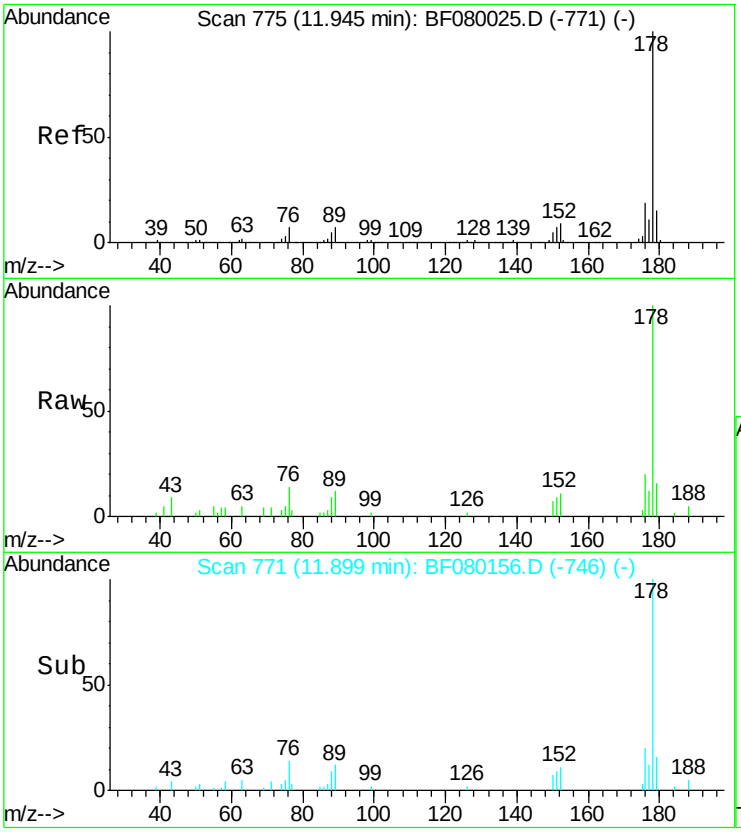


#66
4-Bromophenyl-phenylether
Concen: 5.24 ng
RT: 11.17 min Scan# 707
Delta R.T. -0.24 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion:248 Resp: 7176

Ion	Ratio	Lower	Upper
248	100		
250	207.7	78.5	117.7#
141	635.8	59.0	88.6#



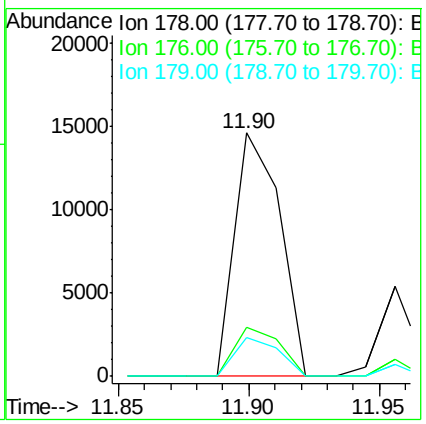


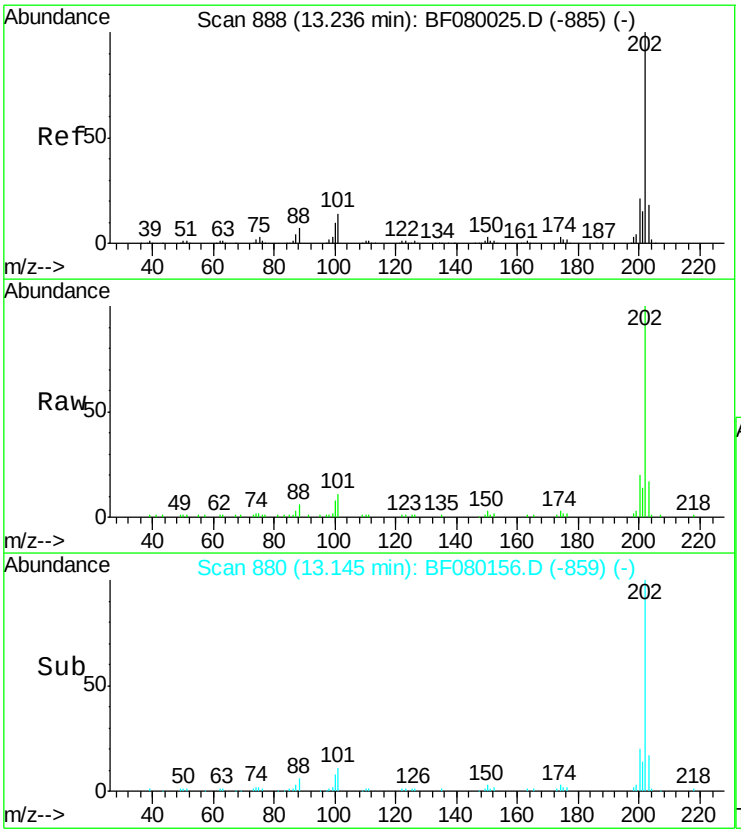
#70
Phenanthrene
Concen: 2.28 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:178 Resp: 17762

Ion	Ratio	Lower	Upper
178	100		
176	20.3	13.8	20.8
179	15.8	12.2	18.2

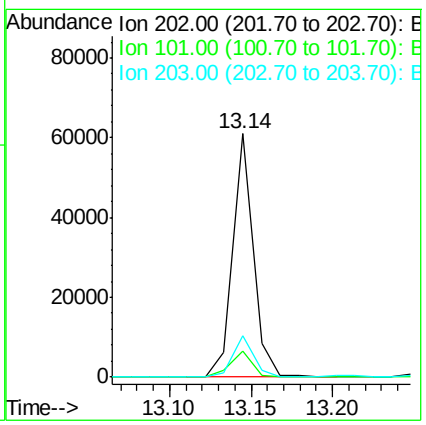


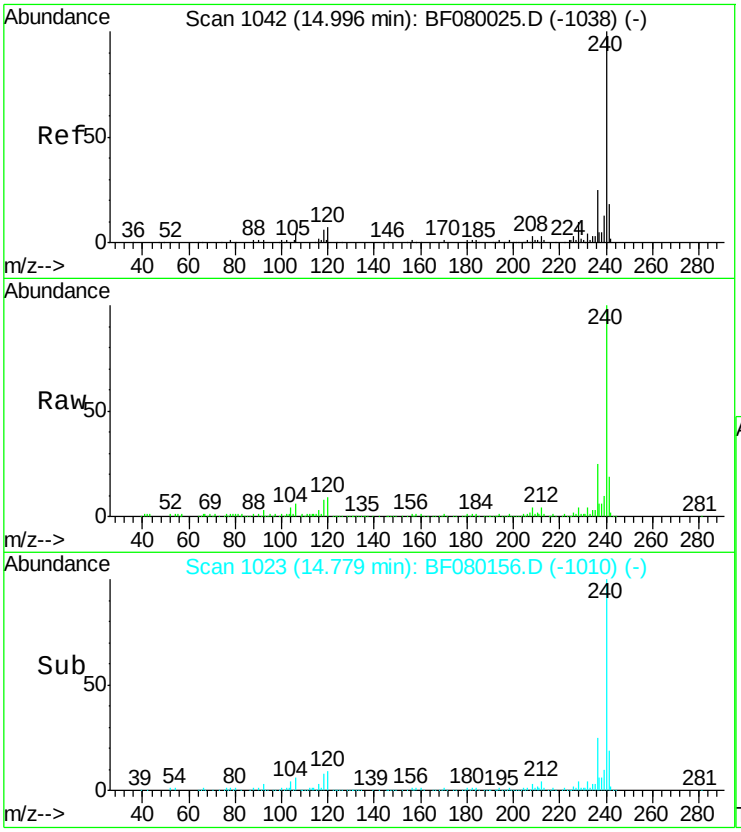


#74
Fluoranthene
Concen: 6.33 ng
RT: 13.14 min Scan# 880
Delta R.T. -0.06 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion:202 Resp: 52601

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	38.3
203	17.1	0.0	37.3



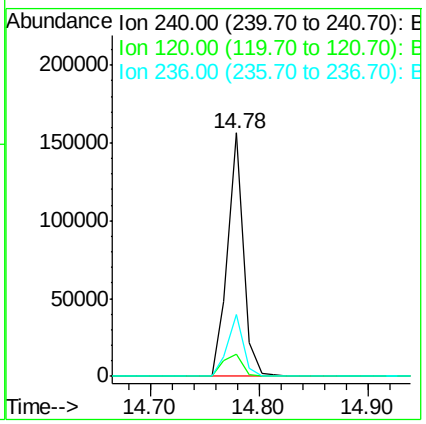


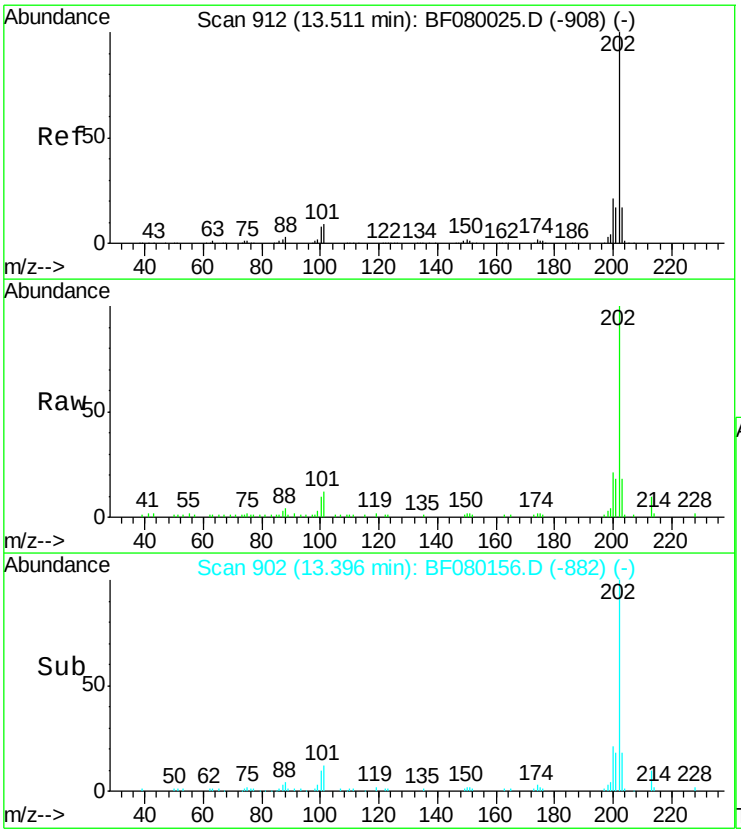
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1023
Delta R.T. -0.15 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:240 Resp: 158801

Ion	Ratio	Lower	Upper
240	100		
120	9.3	16.2	24.2#
236	25.4	18.4	27.6

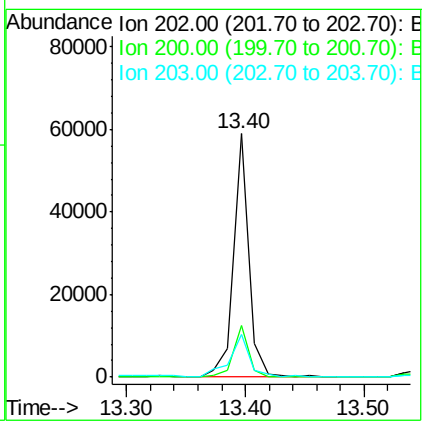


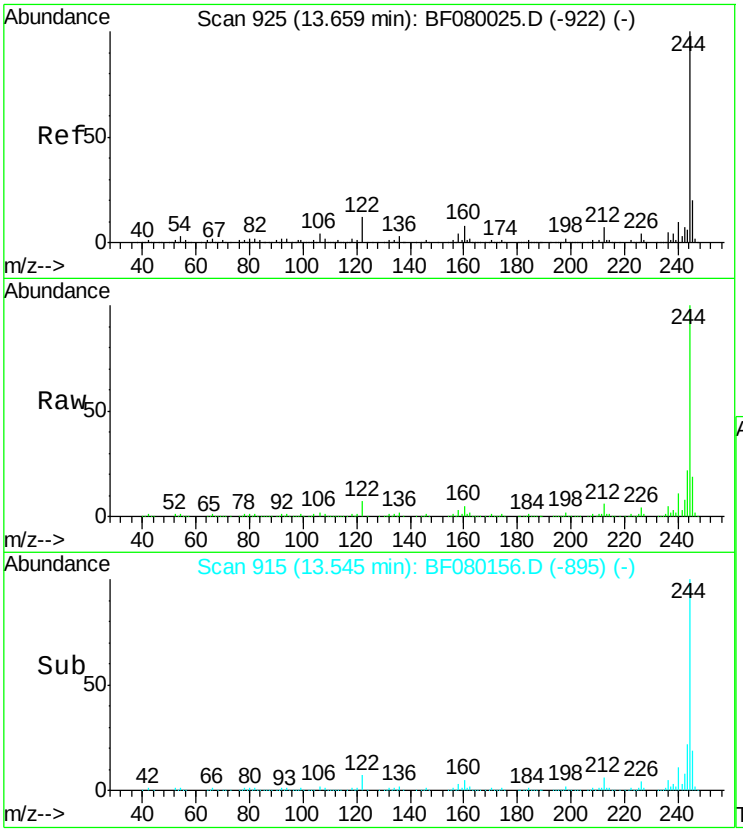


#77
Pyrene
Concen: 5.41 ng
RT: 13.40 min Scan# 902
Delta R.T. -0.07 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion:202 Resp: 52863

Ion	Ratio	Lower	Upper
202	100		
200	21.3	15.0	22.4
203	17.8	14.1	21.1



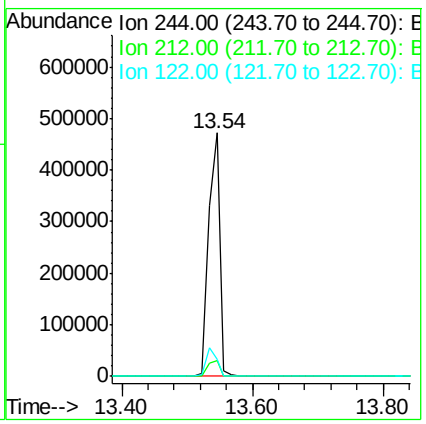


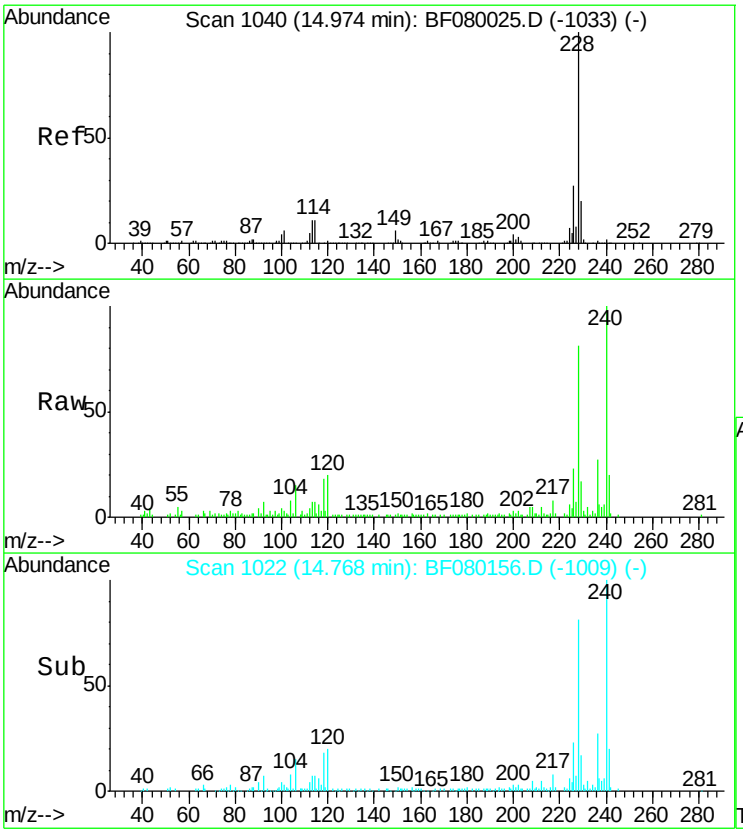
#78
Terphenyl-d14
Concen: 83.90 ng
RT: 13.54 min Scan# 915
Delta R.T. -0.07 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:244 Resp: 570509

Ion	Ratio	Lower	Upper
244	100		
212	6.5	4.3	6.5
122	6.9	17.4	26.2#

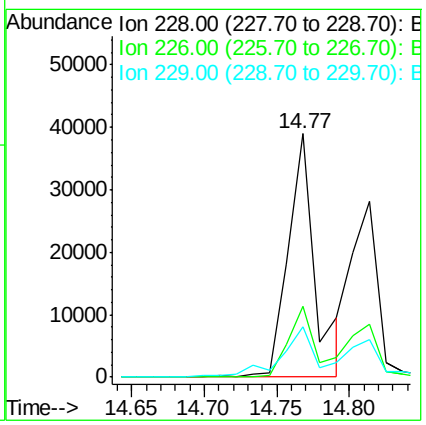


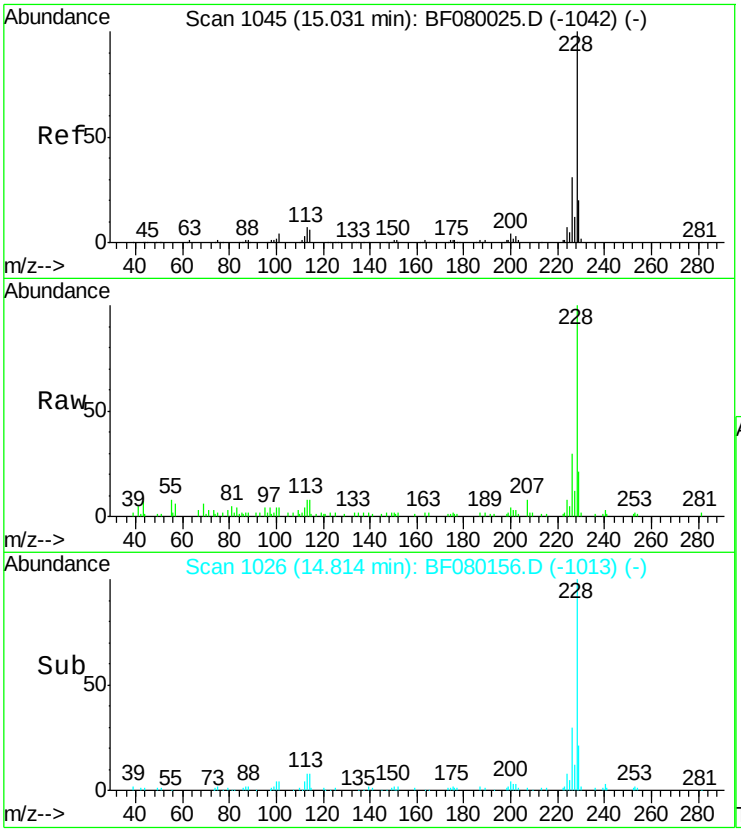


#80
Benzo(a)anthracene
Concen: 5.23 ng
RT: 14.77 min Scan# 1022
Delta R.T. -0.15 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion:228 Resp: 50580

Ion	Ratio	Lower	Upper
228	100		
226	29.0	20.0	30.0
229	20.7	15.4	23.2



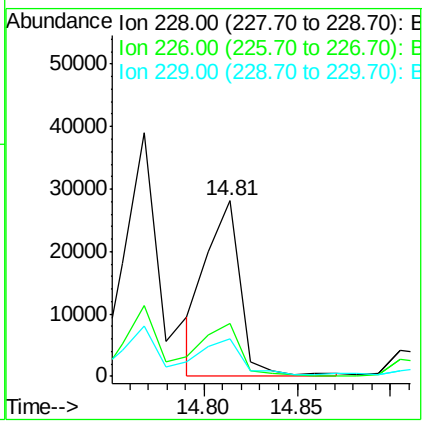


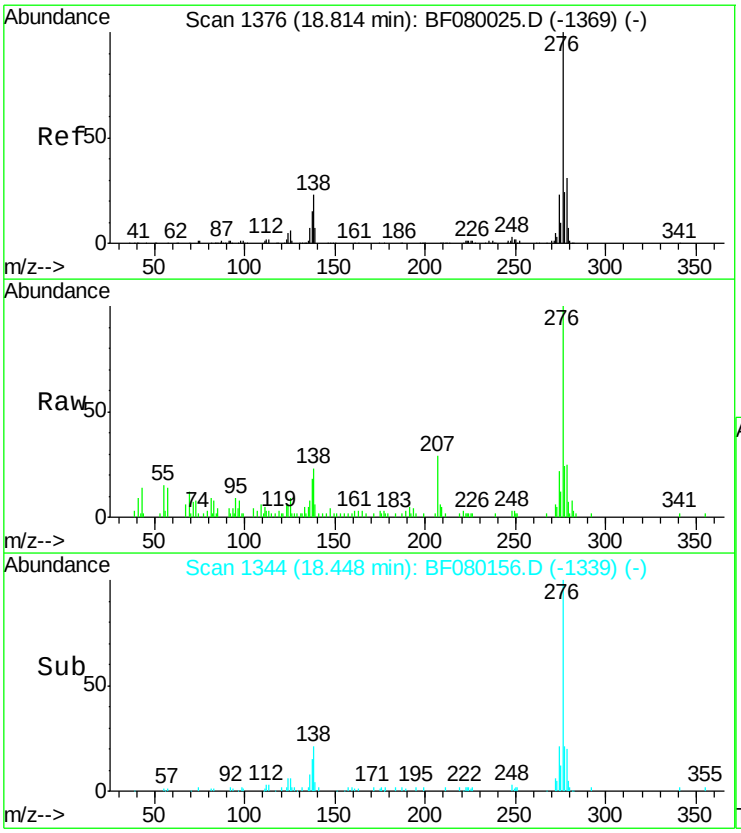
#82
Chrysene
Concen: 4.03 ng
RT: 14.81 min Scan# 1026
Delta R.T. -0.15 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:228 Resp: 35933

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.0	31.4
229	21.5	15.6	23.4

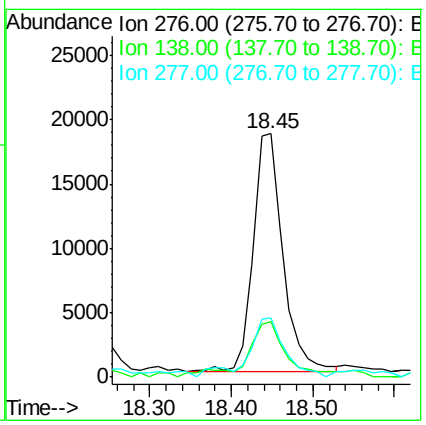


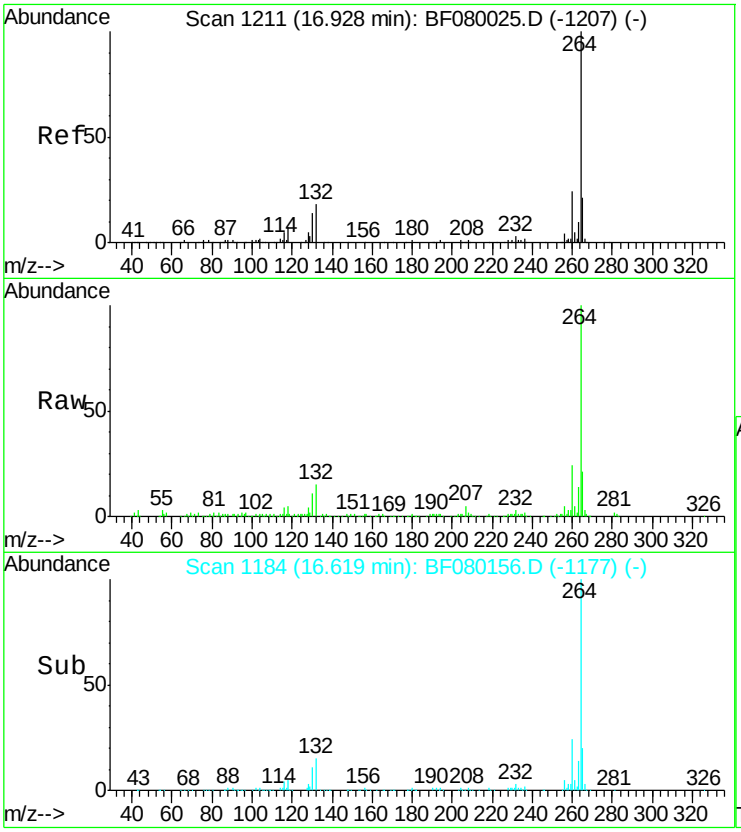


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.13 ng
RT: 18.45 min Scan# 1344
Delta R.T. -0.24 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion:276 Resp: 46510

Ion	Ratio	Lower	Upper
276	100		
138	22.2	25.7	38.5#
277	27.3	15.6	23.4#



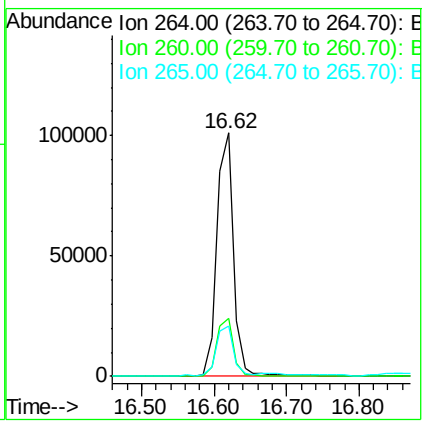


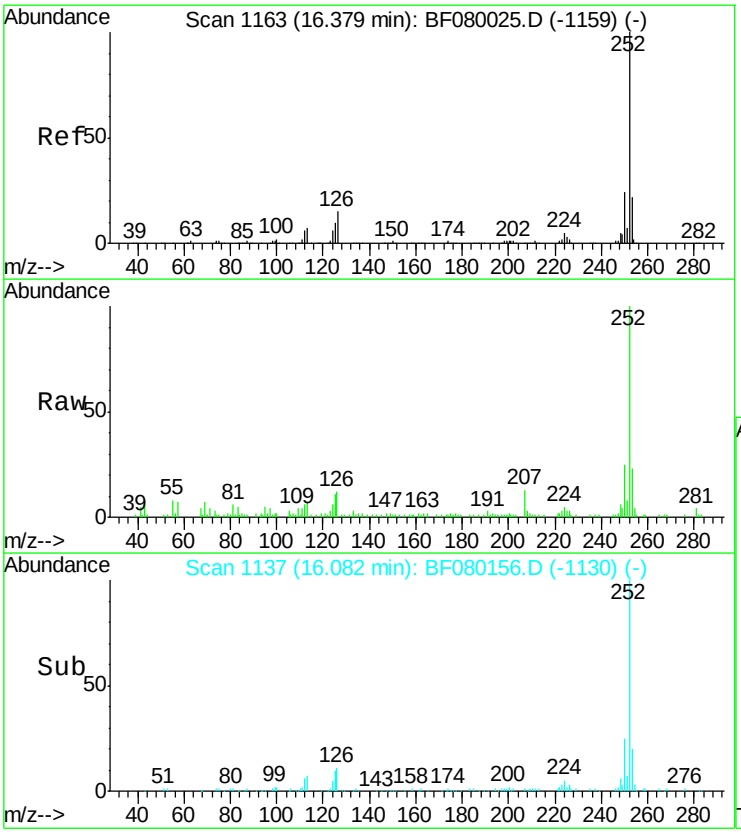
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.62 min Scan# 1184
Delta R.T. -0.22 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:264 Resp: 162166

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	20.6	17.2	25.8

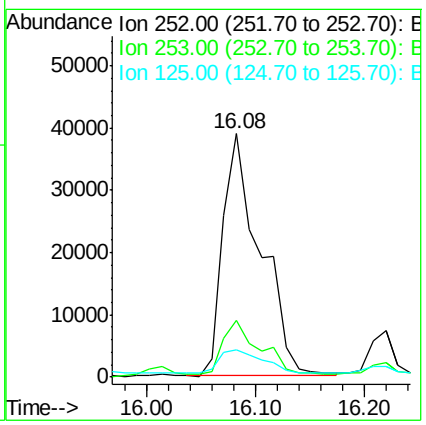


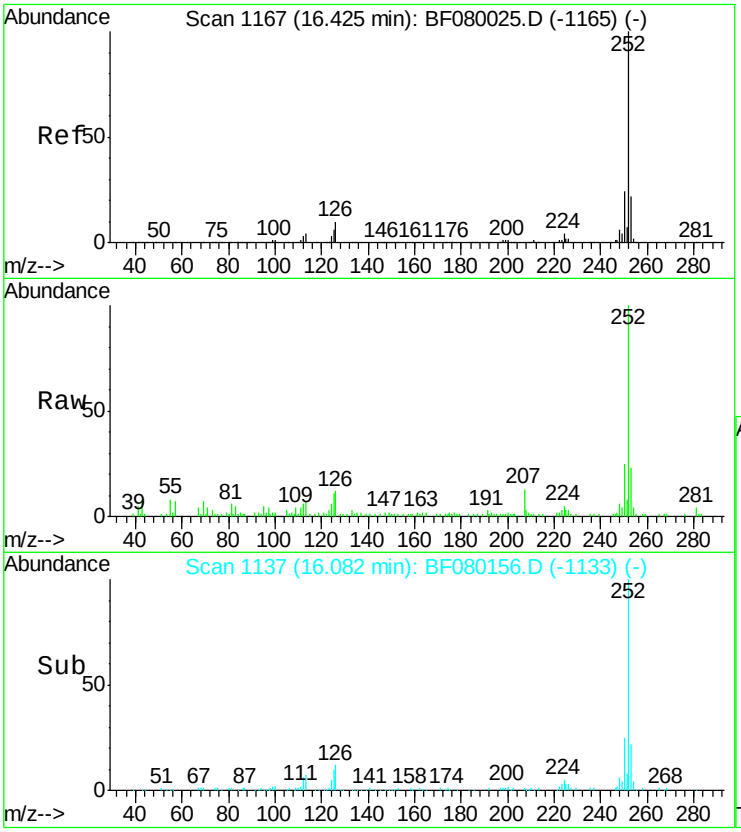


#87
Benzo(b)fluoranthene
Concen: 9.45 ng
RT: 16.08 min Scan# 1137
Delta R.T. -0.22 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion:252 Resp: 92811

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	11.2	17.1	25.7#



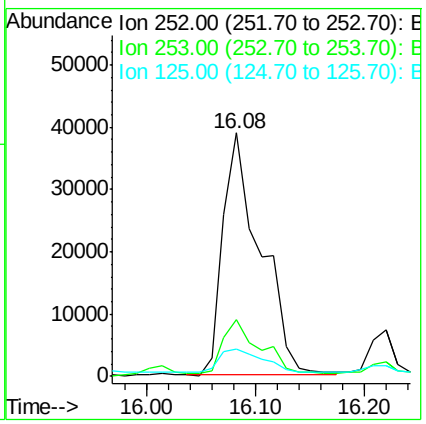


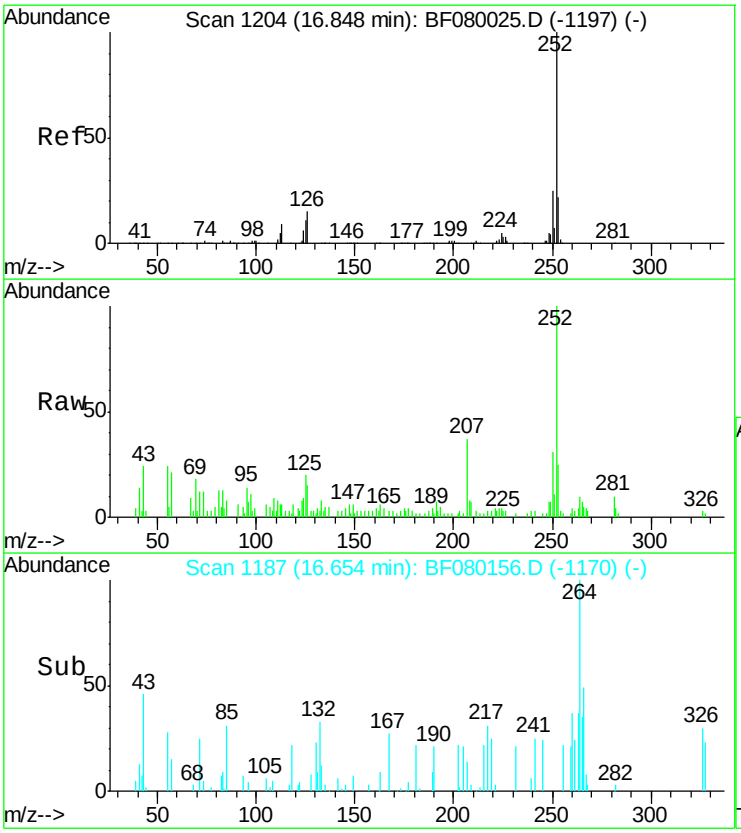
#88
Benzo(k)fluoranthene
Concen: 9.29 ng
RT: 16.08 min Scan# 1137
Delta R.T. -0.25 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:252 Resp: 92844

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	11.2	16.0	24.0#

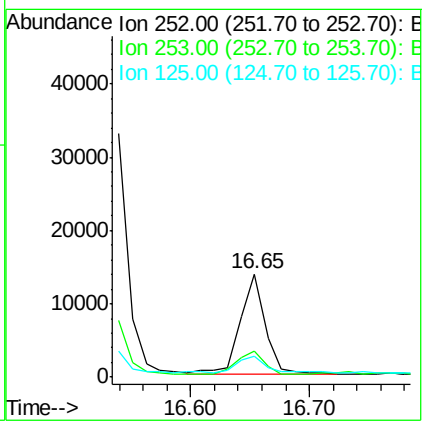


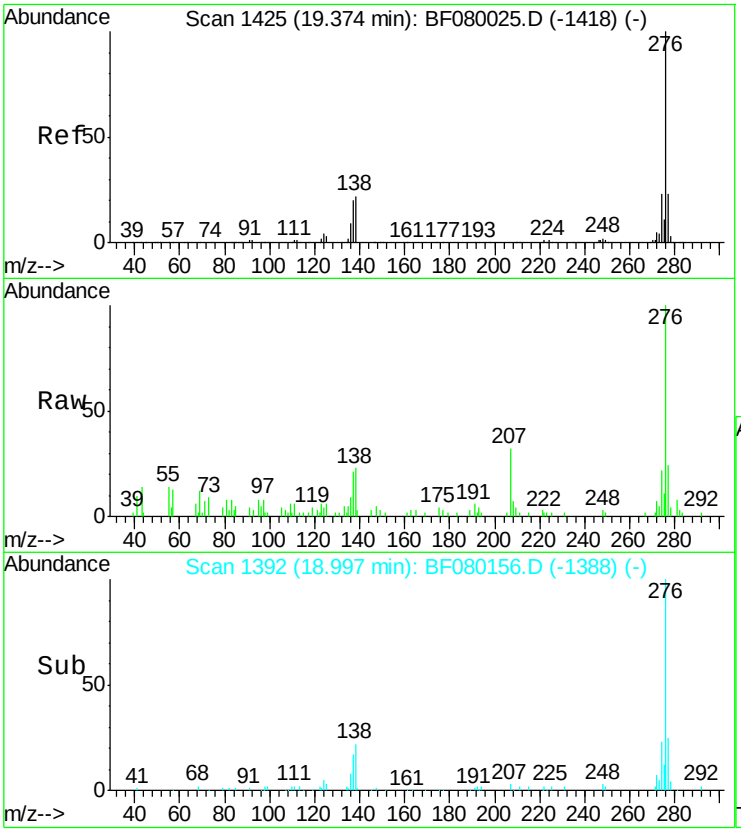


#89
Benzo(a)pyrene
Concen: 2.19 ng
RT: 16.65 min Scan# 1187
Delta R.T. -0.10 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion:252 Resp: 20432

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	19.7	18.0	27.0





#91
Benzo(g,h,i)perylene
Concen: 5.10 ng
RT: 19.00 min Scan# 1392
Delta R.T. -0.25 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion:276 Resp: 49176

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.8	26.6
138	23.3	34.6	51.8#