Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF100915\
Data File : BF082147.D
Acq On : 9 Oct 2015 16:07
Operator : UM/IZ
Sample : G3963-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 09 16:46:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	125784	20.00	ng		-0.03
21) Naphthalene-d8	8.14	136	483618	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	211382	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	364109	20.00	ng		-0.02
75) Chrysene-d12	14.02	240	266249	20.00	ng		-0.03
86) Perylene-d12	15.46	264	222644	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	570396	82.32	ng		-0.01
7) Phenol-d6	6.49	99	747789	85.77	ng		-0.01
23) Nitrobenzene-d5	7.42	82	451569	62.24	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	169586	79.22	ng		-0.03
44) 2-Fluorobiphenyl	9.21	172	846364	63.83	ng		-0.03
78) Terphenyl-d14	12.97	244	663342	78.88	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	58664	11.07	ng	#	59
25) Isophorone	7.42	82	392165	27.27	ng	#	58
49) Dimethylphthalate	9.61	163	254909	17.47	ng	#	97
56) 2,4-Dinitrotoluene	9.90	165	28384	7.03	ng	#	33
57) Fluorene	10.45	166	1477	Below Cal		#	81
66) 4-Bromophenyl-phenylether	10.69	248	11715	3.19	ng	#	1
73) Di-n-butylphthalate	11.94	149	6120	Below Cal		#	97
74) Fluoranthene	12.60	202	84905	4.35	ng		88
77) Pyrene	12.82	202	69614	4.38	ng		98
80) Benzo(a)anthracene	14.01	228	34064	2.38	ng		93
82) Chrysene	14.01	228	34064	2.68	ng		94
87) Benzo(b)fluoranthene	15.05	252	78255	6.16	ng	#	89
88) Benzo(k)fluoranthene	15.05	252	78255	6.72	ng	#	89
89) Benzo(a)pyrene	15.41	252	34367	3.12	ng	#	86
91) Benzo(g,h,i)perylene	17.32	276	23414	2.47	ng	#	78

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF100915\
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Misc :
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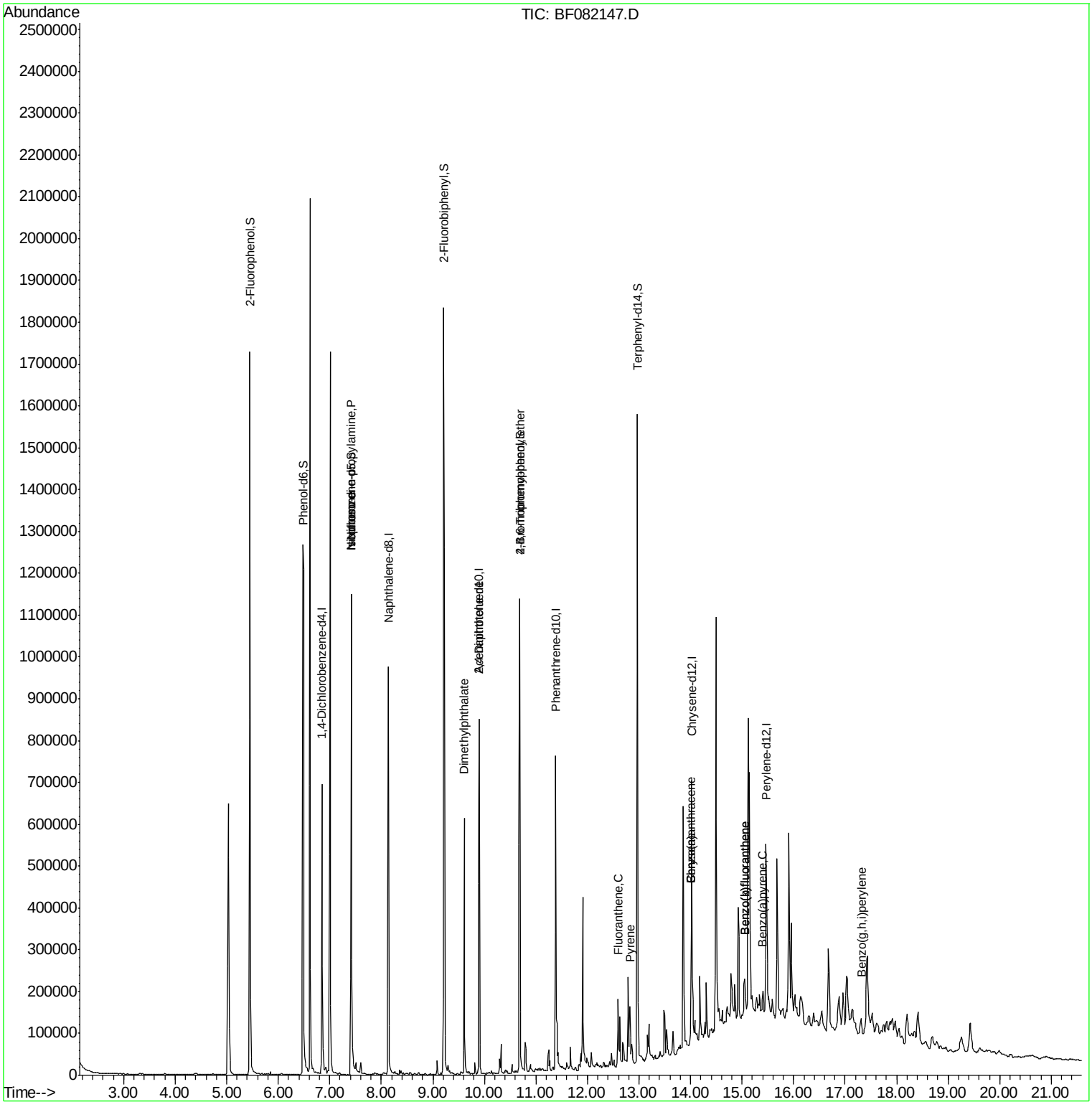
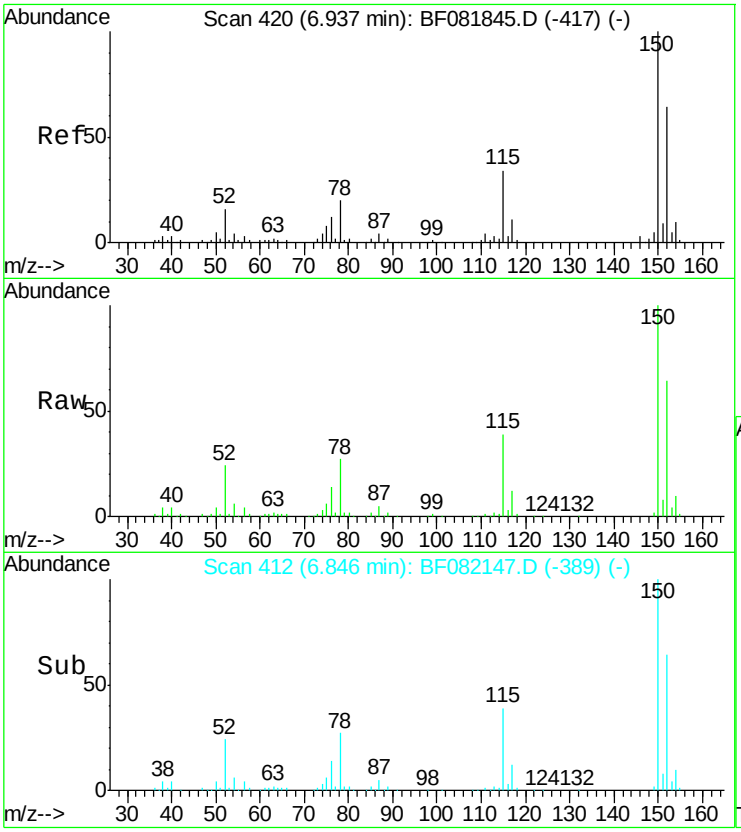


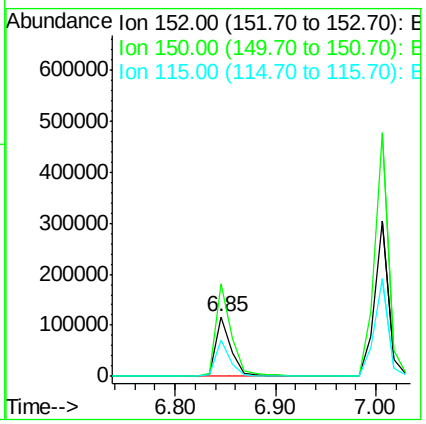


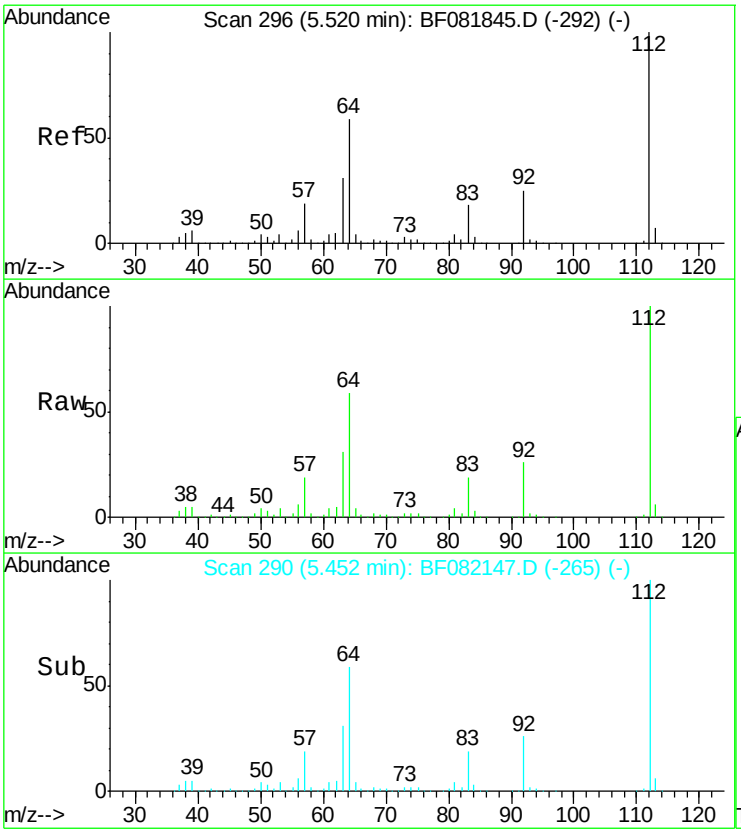
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125784

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.7	187.1
115	60.4	39.0	58.4#

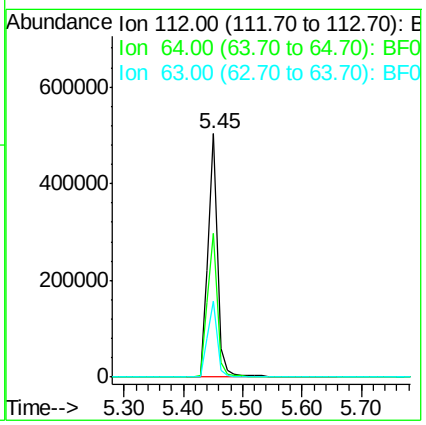


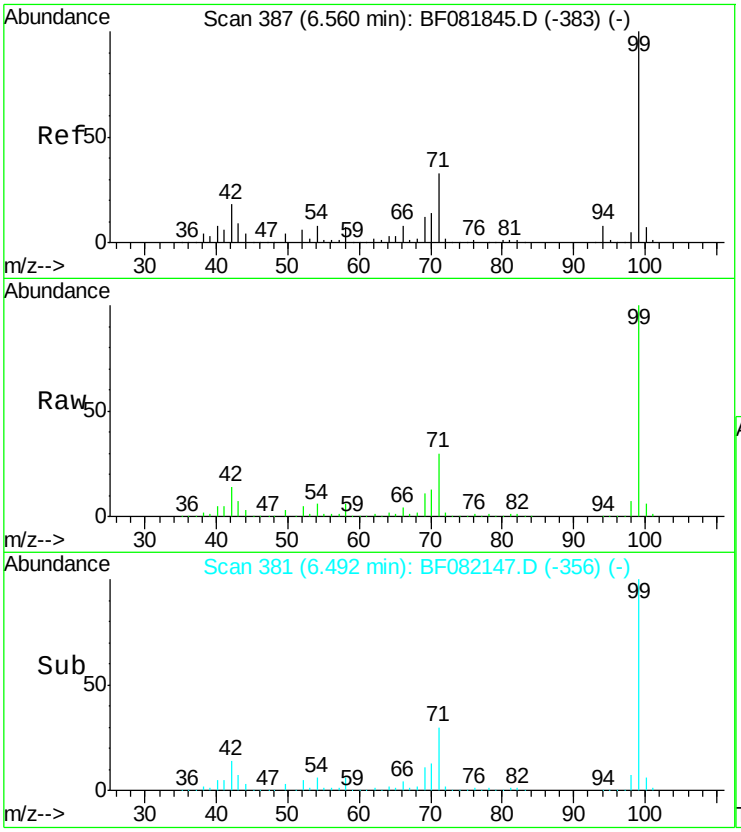


#5
2-Fluorophenol
Concen: 82.32 ng
RT: 5.45 min Scan# 290
Delta R.T. -0.01 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Tgt Ion:112 Resp: 570396

Ion	Ratio	Lower	Upper
112	100		
64	59.0	39.7	59.5
63	31.3	17.4	26.0#



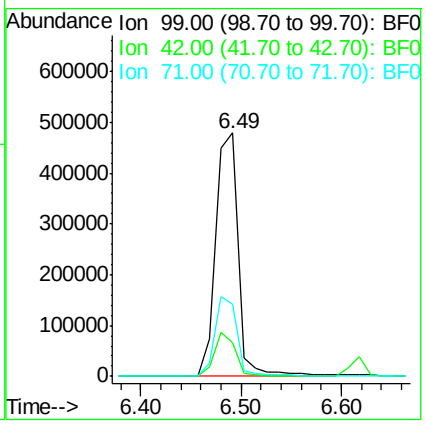


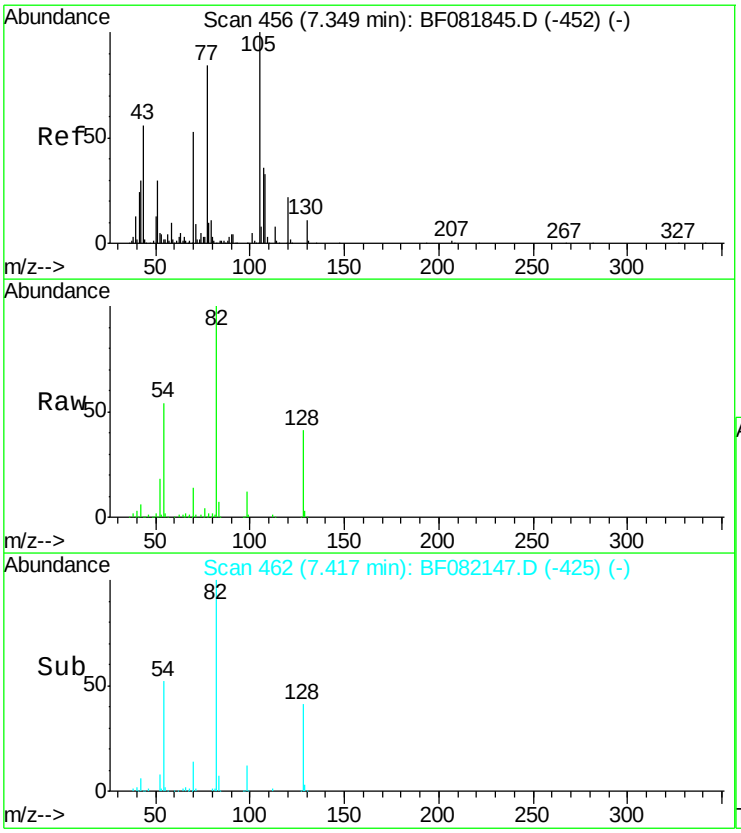
#7
Phenol-d6
Concen: 85.77 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 747789

Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.7	20.5
71	29.5	14.2	21.2#

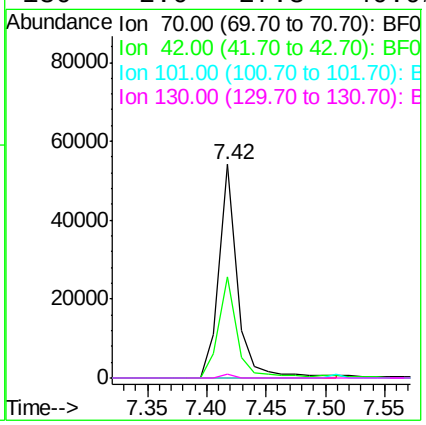


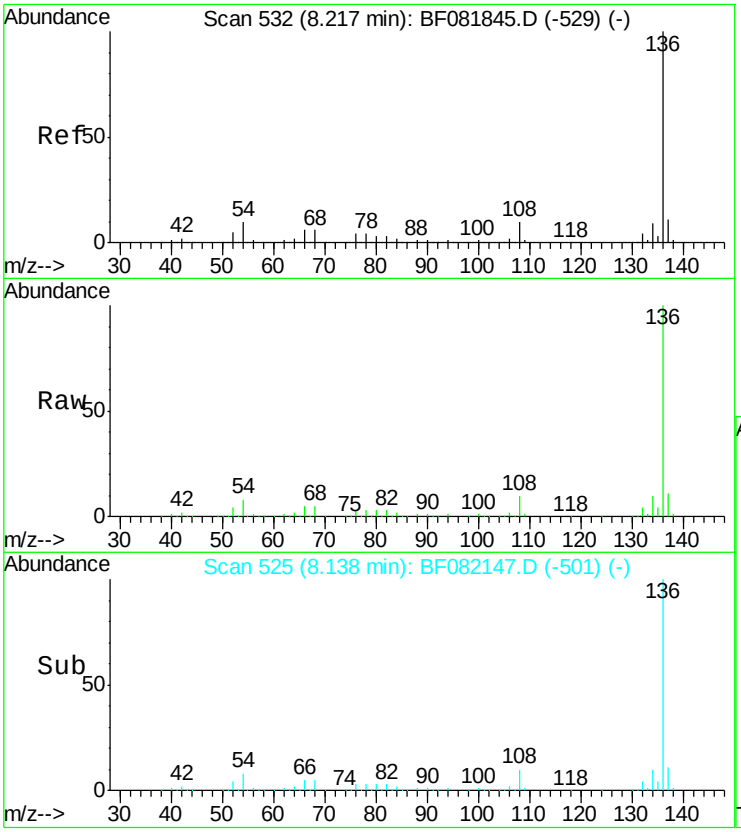


#19
n-Nitroso-di-n-propylamine
Concen: 11.07 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.13 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Tgt Ion: 70 Resp: 58664

Ion	Ratio	Lower	Upper
70	100		
42	47.3	63.8	95.6#
101	0.0	9.2	13.8#
130	2.0	27.3	40.9#



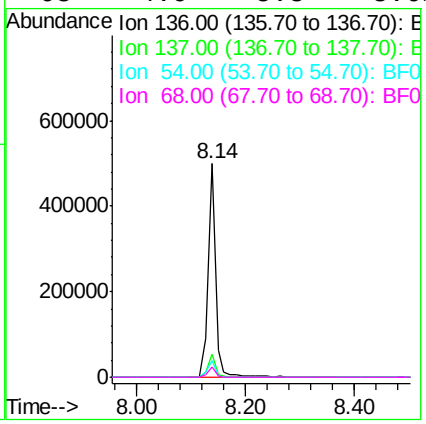


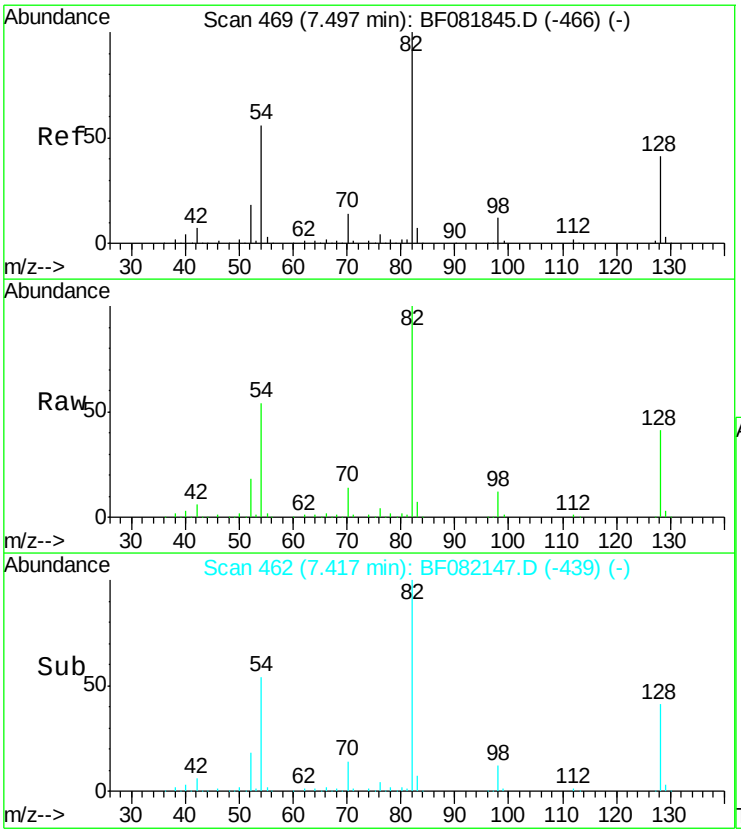
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 483618

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.7	8.2	12.2#
68	4.9	5.8	8.6#

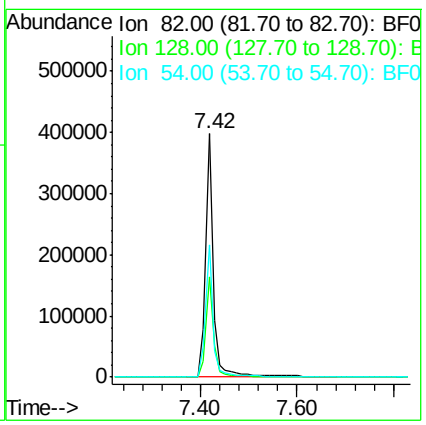


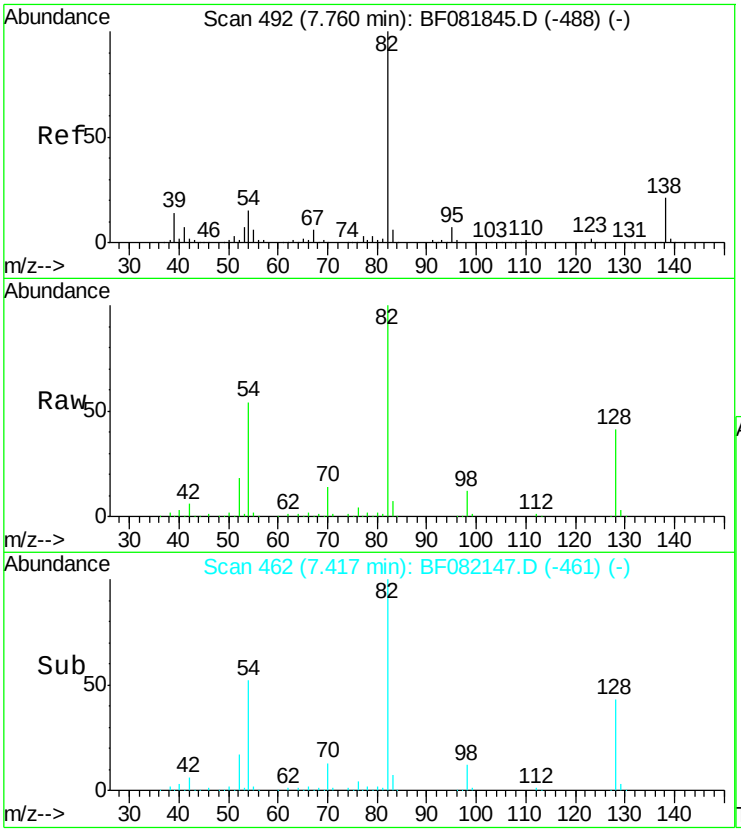


#23
Nitrobenzene-d5
Concen: 62.24 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Tgt Ion: 82 Resp: 451569

Ion	Ratio	Lower	Upper
82	100		
128	41.3	51.0	76.6#
54	54.4	47.5	71.3



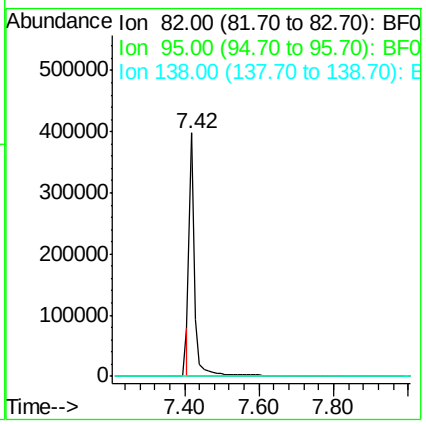


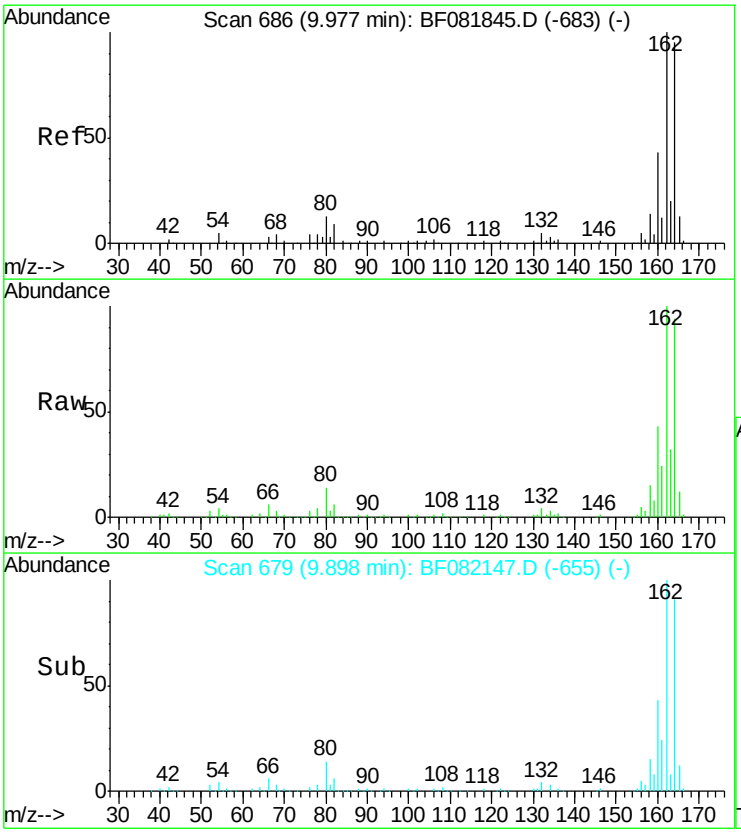
#25
Isophorone
Concen: 27.27 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.29 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 392165

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

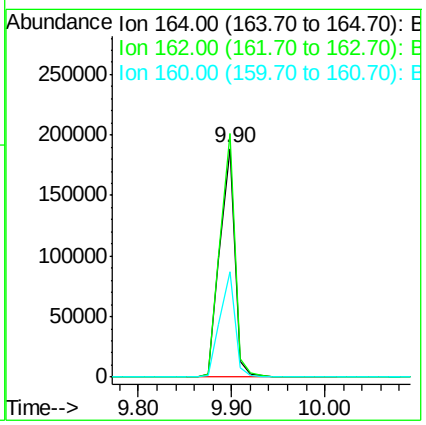


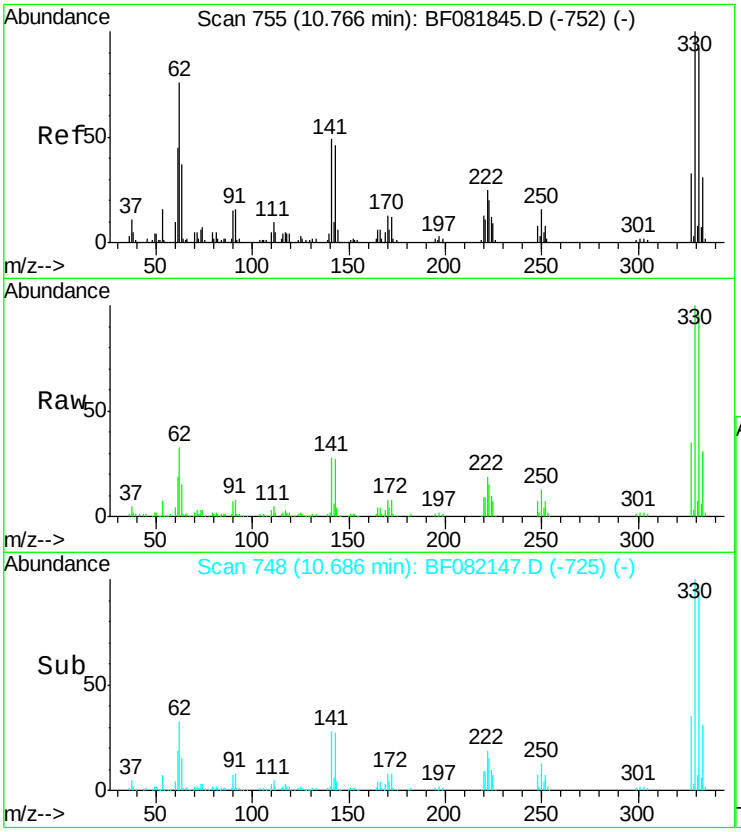


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Tgt Ion:164 Resp: 211382

Ion	Ratio	Lower	Upper
164	100		
162	106.7	75.2	112.8
160	46.4	31.5	47.3



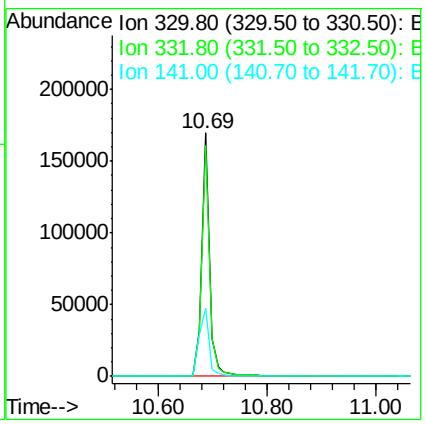


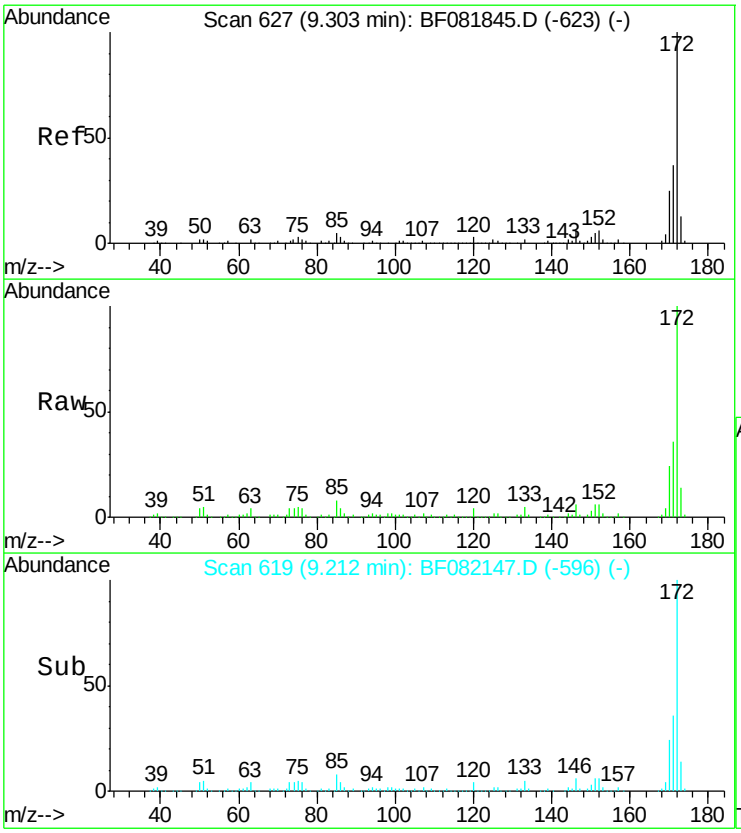
#41
2,4,6-Tribromophenol
Concen: 79.22 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.03 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 169586

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	35.3	29.7	44.5

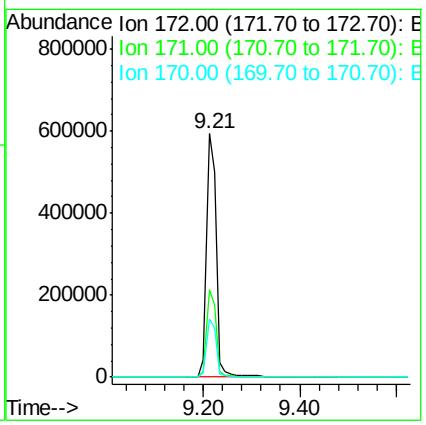


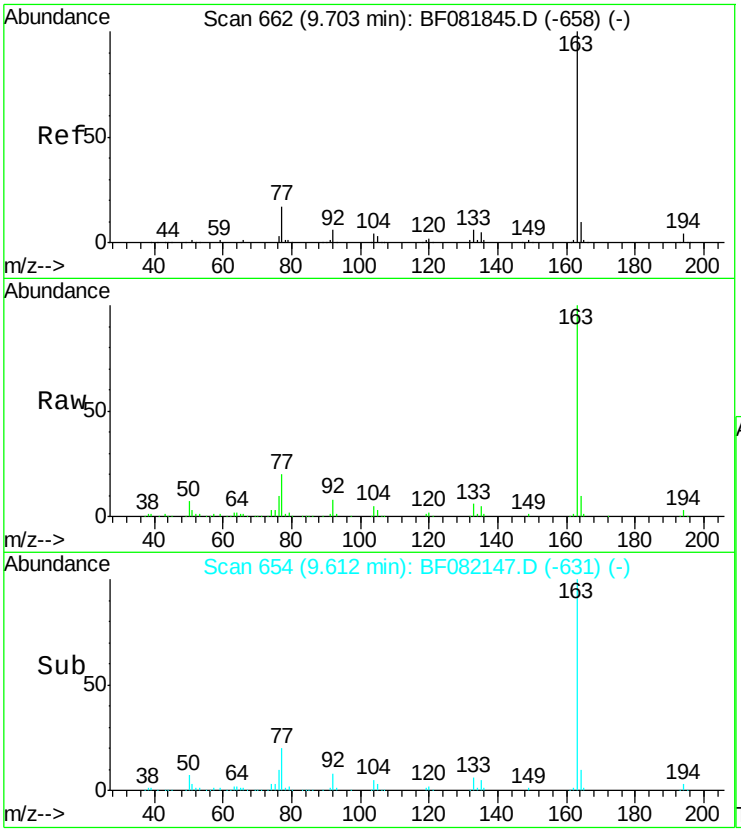


#44
2-Fluorobiphenyl
Concen: 63.83 ng
RT: 9.21 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Tgt Ion:172 Resp: 846364

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	23.7	17.4	26.2



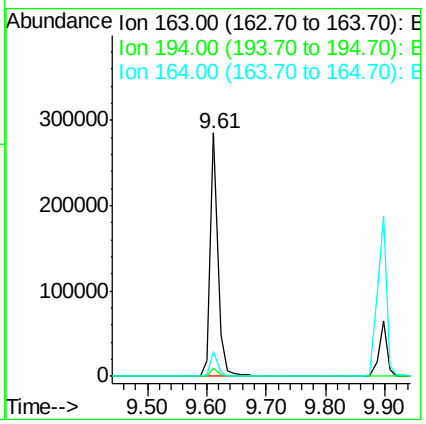


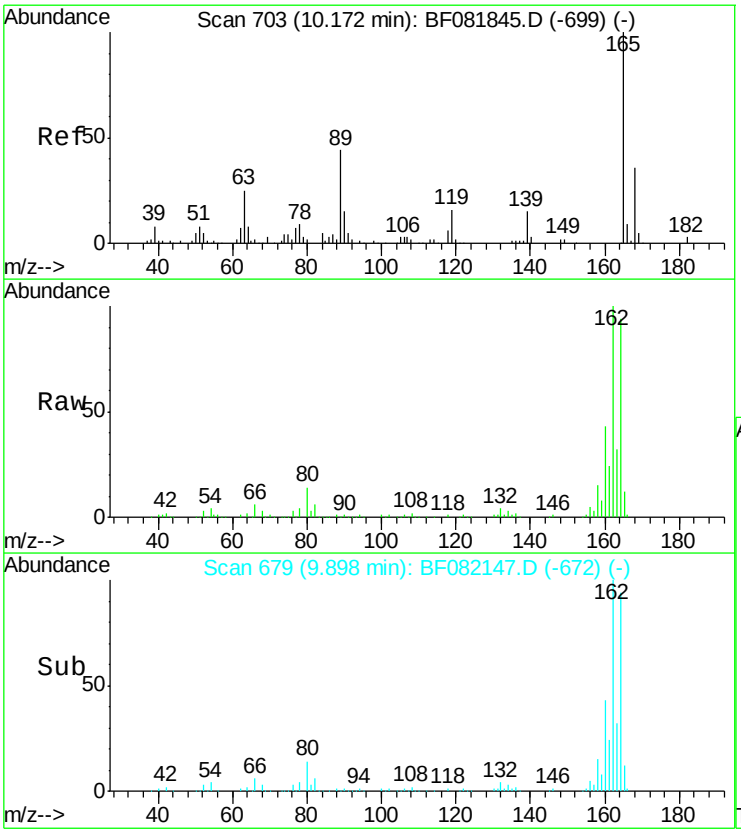
#49
Dimethylphthalate
Concen: 17.47 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 254909

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	10.1	8.3	12.5

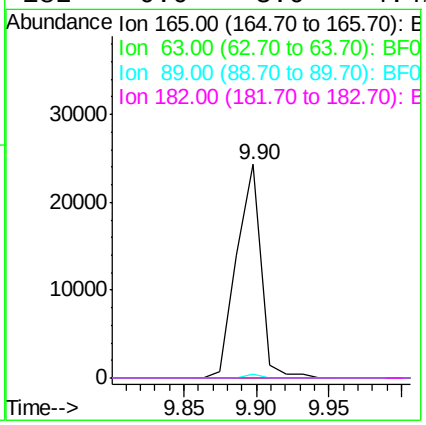


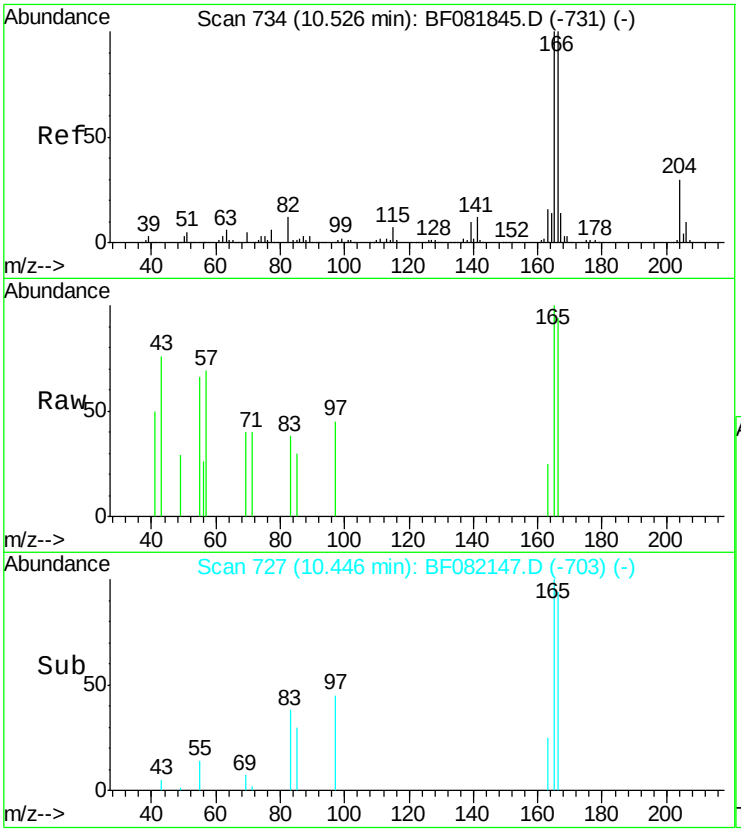


#56
2,4-Dinitrotoluene
Concen: 7.03 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.22 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Tgt Ion:165 Resp: 28384

Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	1.6	44.5	66.7#
182	0.0	3.0	4.4#



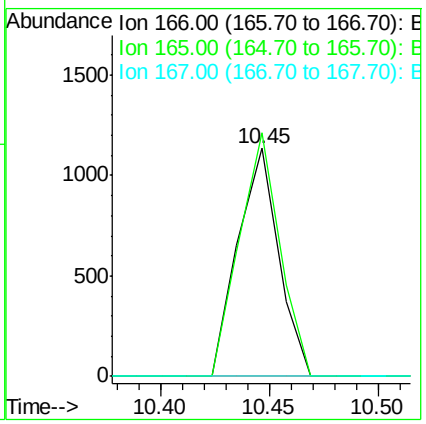


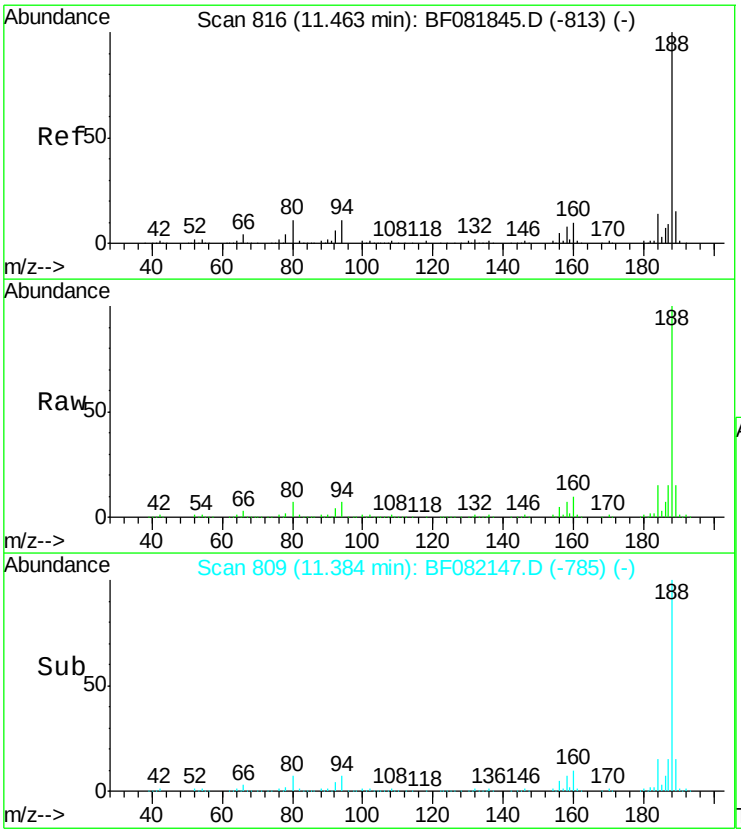
#57
Fluorene
Concen: Below Cal
RT: 10.45 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 1477

Ion	Ratio	Lower	Upper
166	100		
165	106.8	72.6	109.0
167	0.0	10.6	16.0#

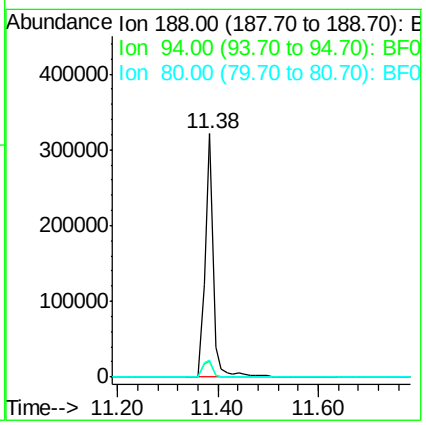


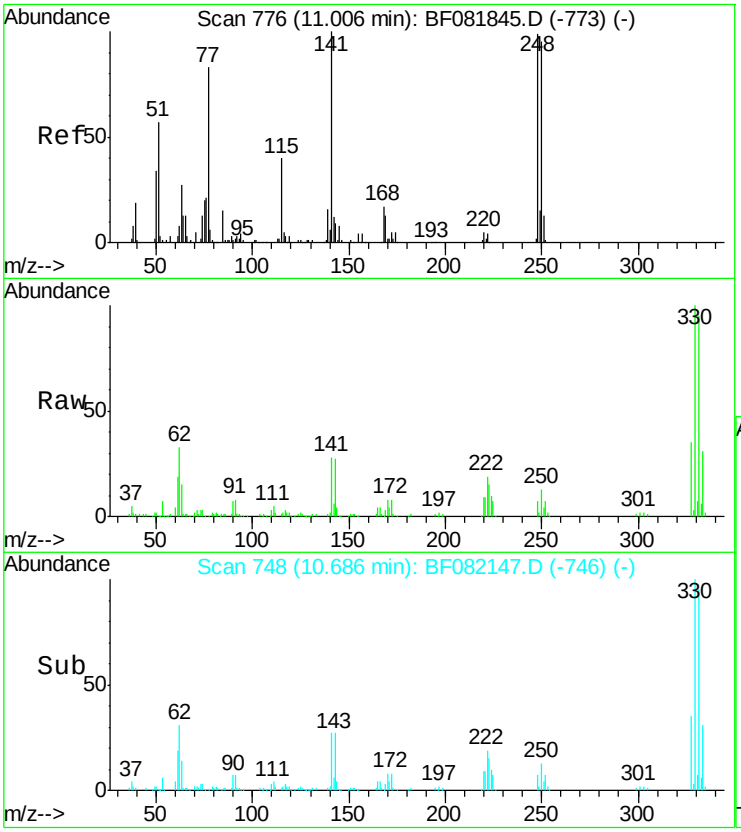


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Tgt Ion:188 Resp: 364109

Ion	Ratio	Lower	Upper
188	100		
94	6.7	11.1	16.7#
80	7.0	11.0	16.4#



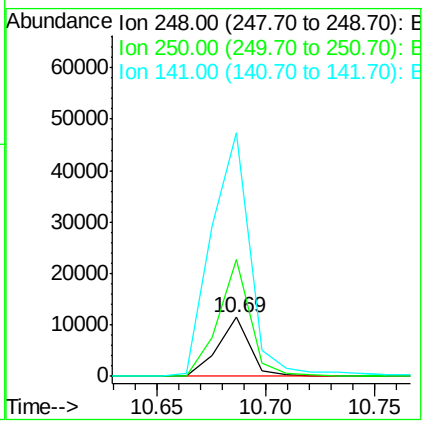


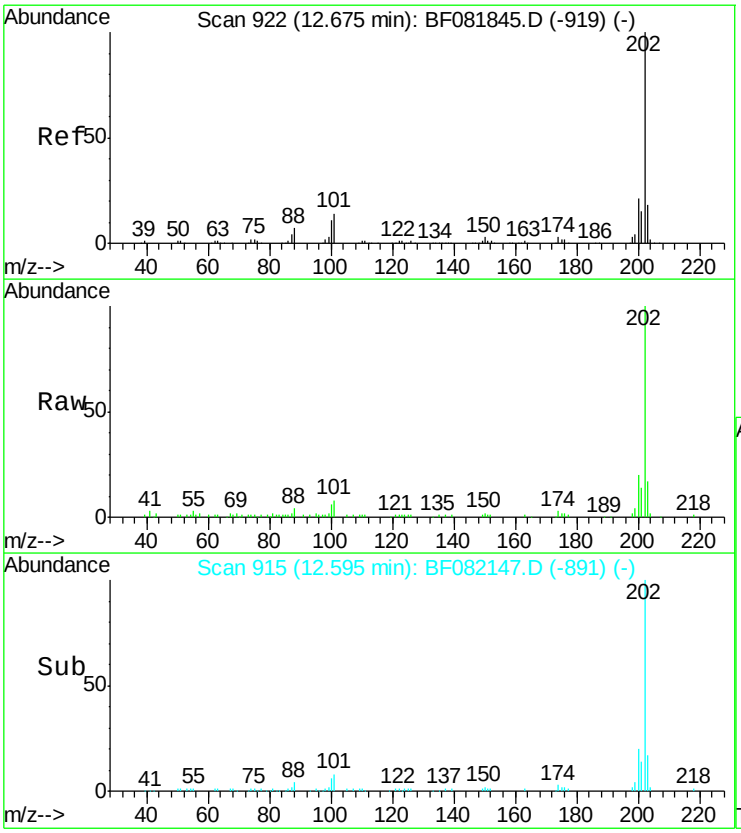
#66
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.27 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11715

Ion	Ratio	Lower	Upper
248	100		
250	197.8	78.5	117.7#
141	411.6	59.0	88.6#

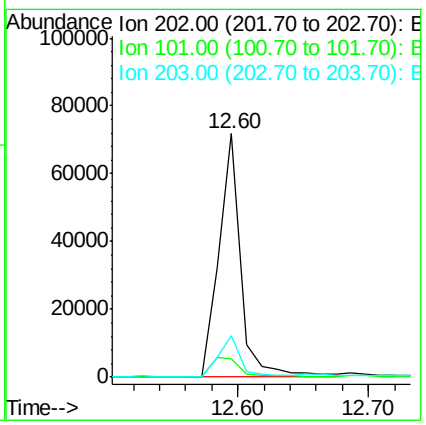


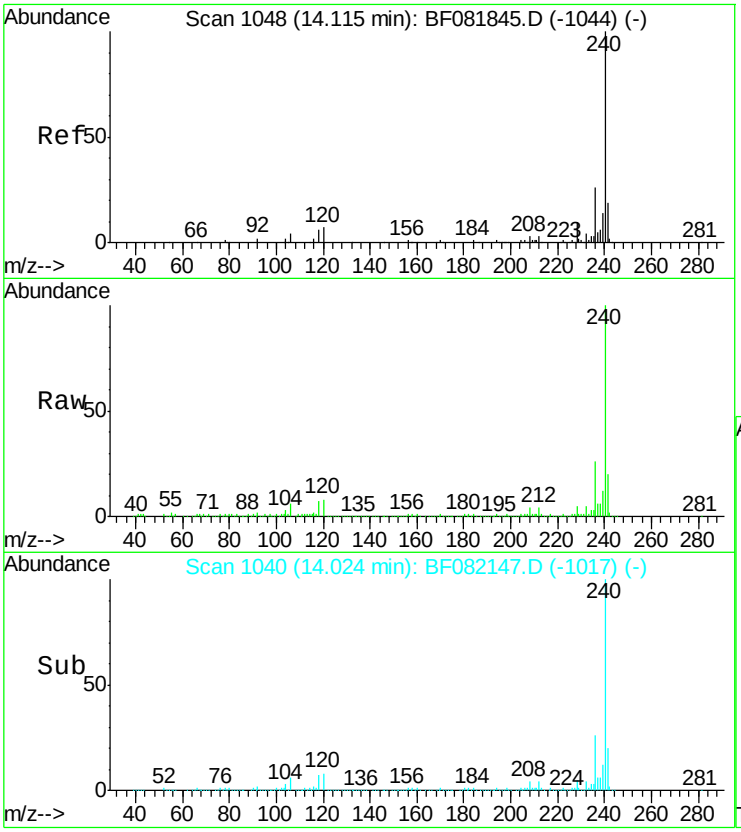


#74
Fluoranthene
Concen: 4.35 ng
RT: 12.60 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Tgt Ion:202 Resp: 84905

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	38.3
203	17.2	0.0	37.3



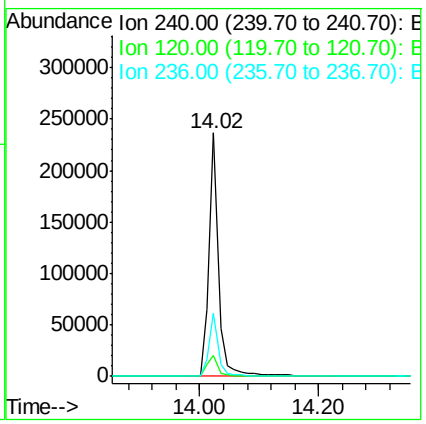


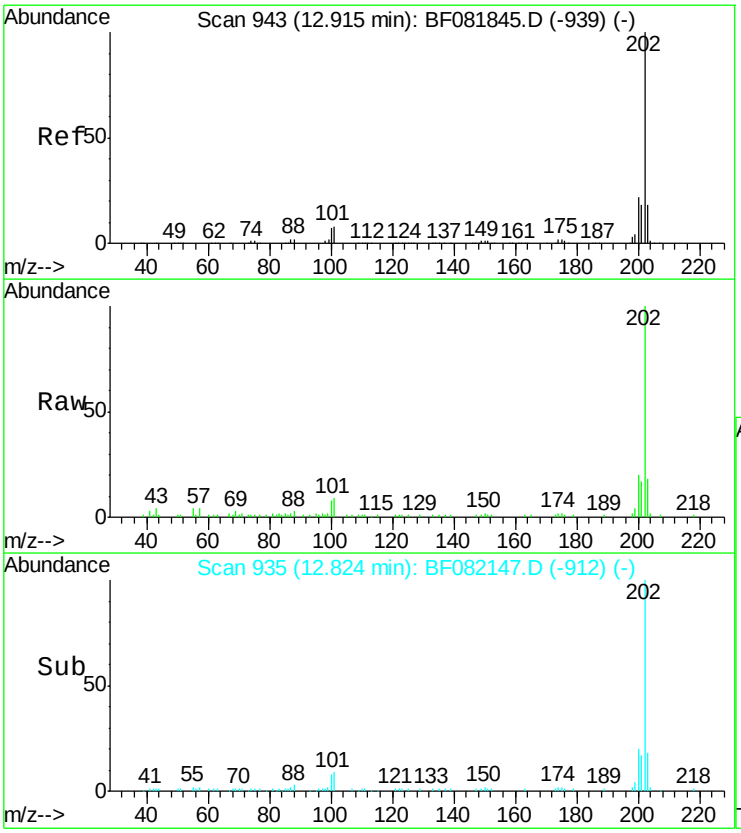
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 266249

Ion	Ratio	Lower	Upper
240	100		
120	8.5	16.2	24.2#
236	26.0	18.4	27.6

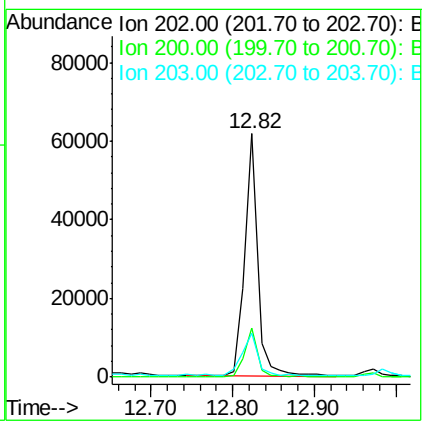


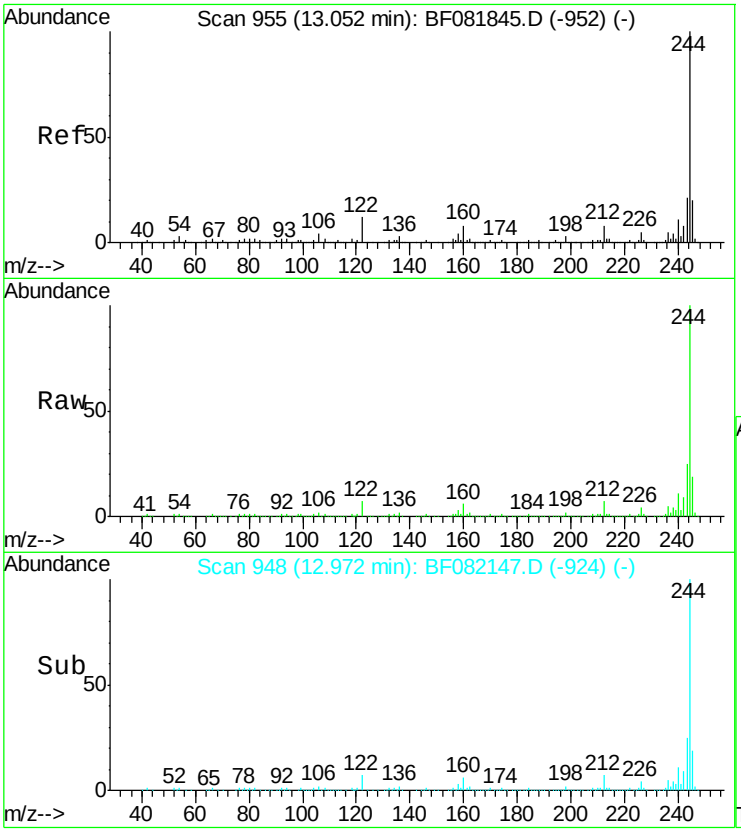


#77
Pyrene
Concen: 4.38 ng
RT: 12.82 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Tgt Ion:202 Resp: 69614

Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.0	22.4
203	18.0	14.1	21.1



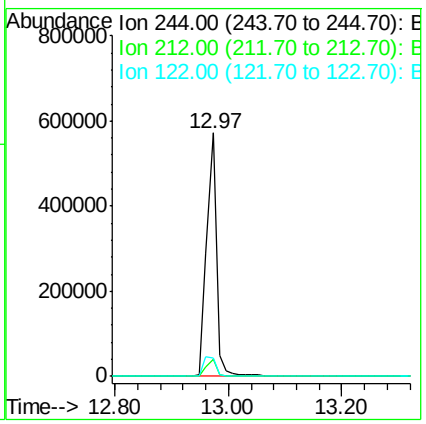


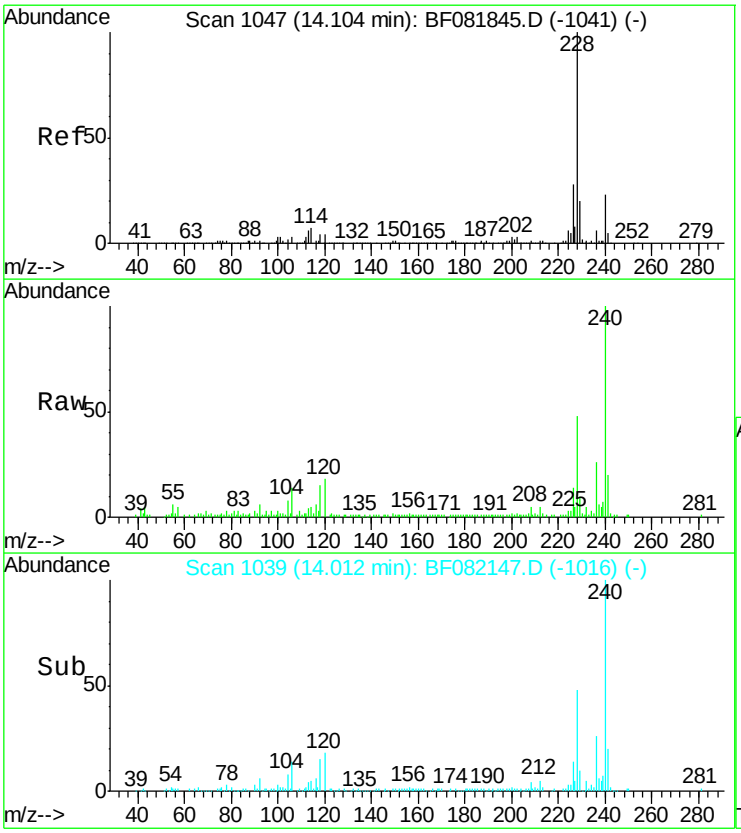
#78
Terphenyl-d14
Concen: 78.88 ng
RT: 12.97 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 663342

Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.3	6.5#
122	7.4	17.4	26.2#

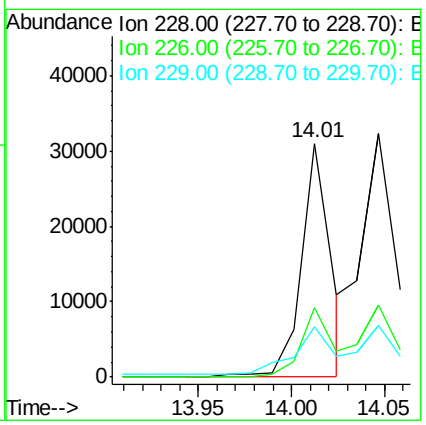


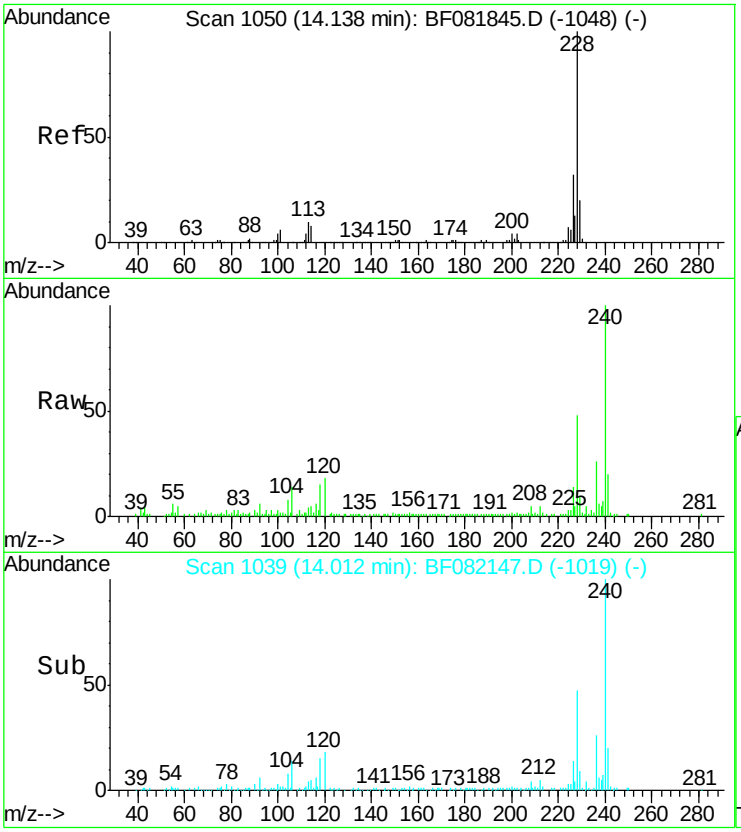


#80
Benzo(a)anthracene
Concen: 2.38 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Tgt Ion:228 Resp: 34064

Ion	Ratio	Lower	Upper
228	100		
226	29.8	20.0	30.0
229	21.3	15.4	23.2



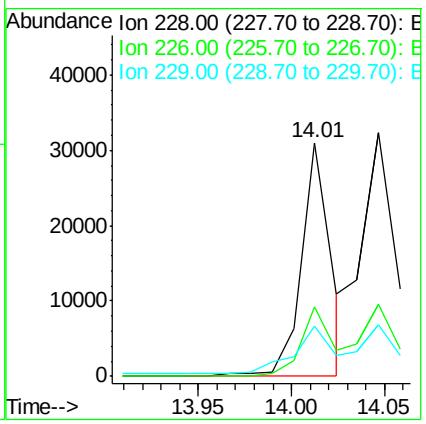


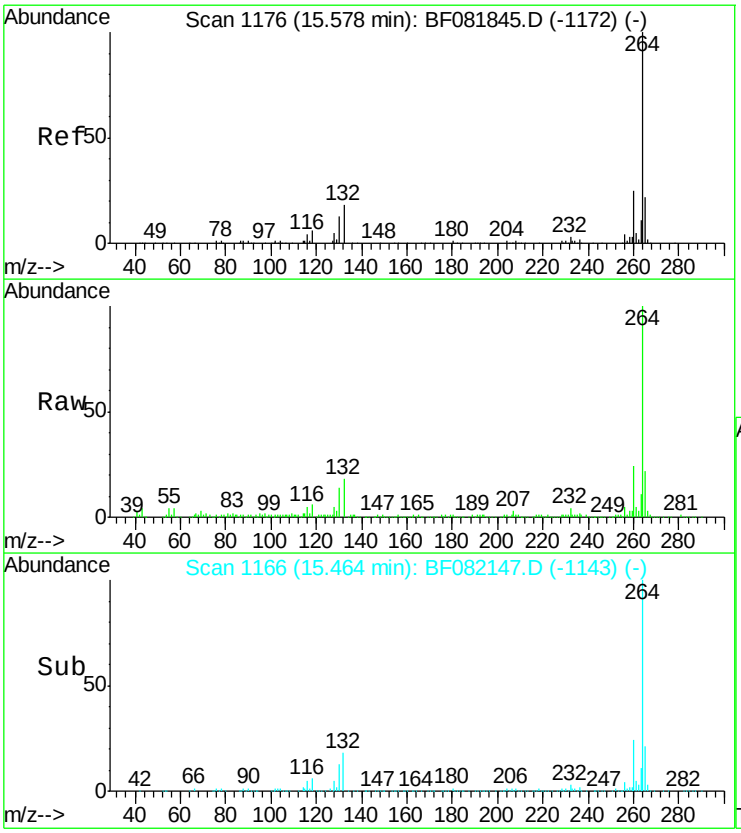
#82
Chrysene
Concen: 2.68 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.07 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 34064

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.0	31.4
229	21.3	15.6	23.4

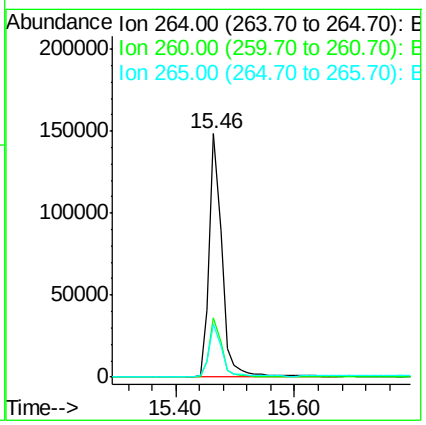


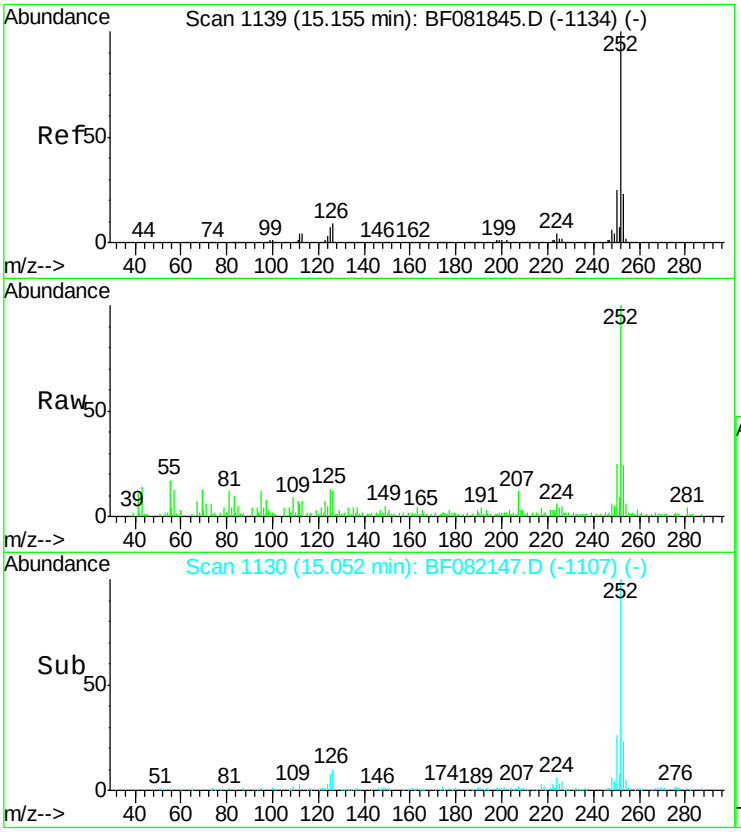


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Tgt Ion:264 Resp: 222644

Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.7	17.2	25.8



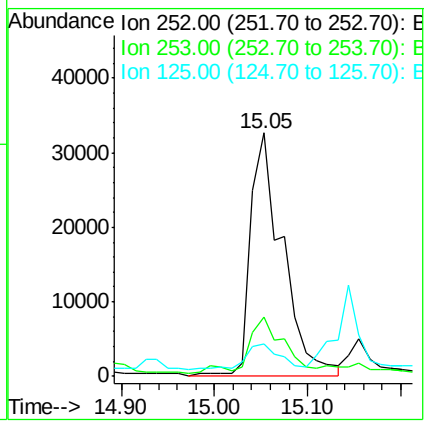


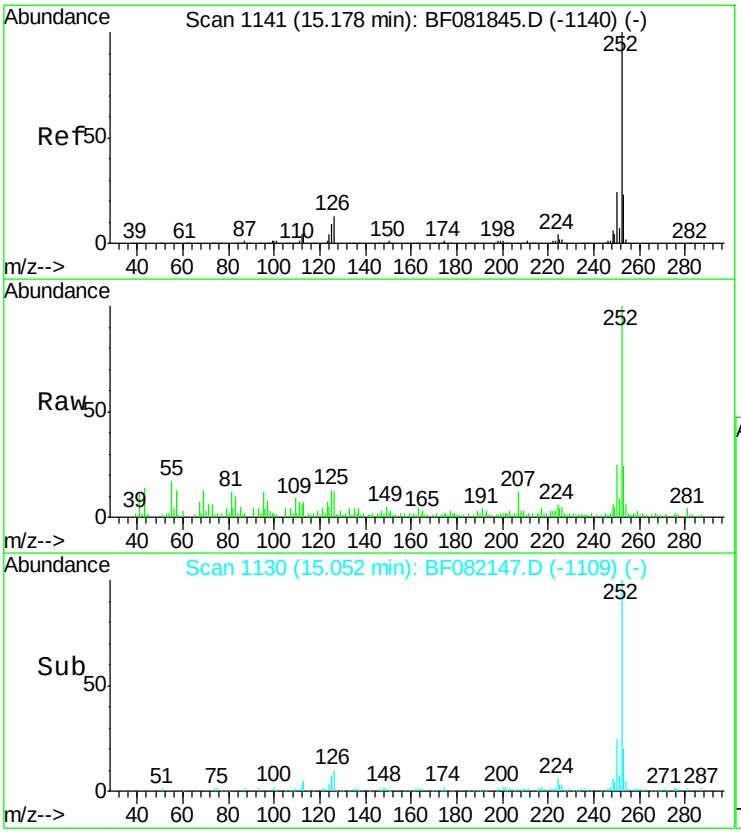
#87
Benzo(b)fluoranthene
Concen: 6.16 ng
RT: 15.05 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 78255

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	13.3	17.1	25.7#

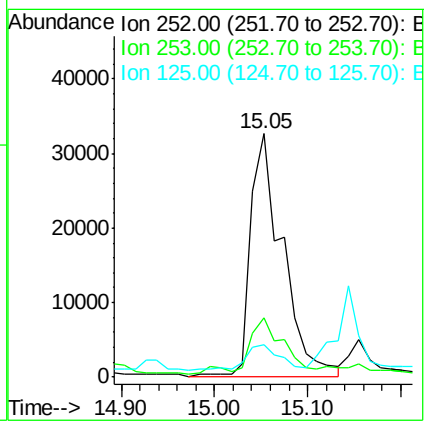


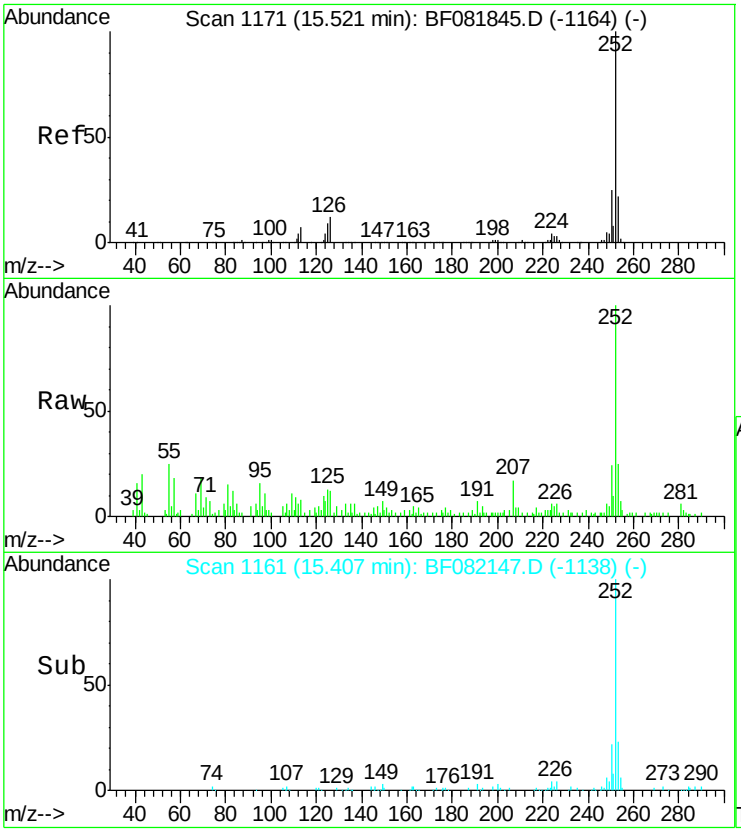


#88
Benzo(k)fluoranthene
Concen: 6.72 ng
RT: 15.05 min Scan# 1130
Delta R.T. -0.06 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Tgt Ion:252 Resp: 78255

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.4
125	13.3	16.0	24.0#



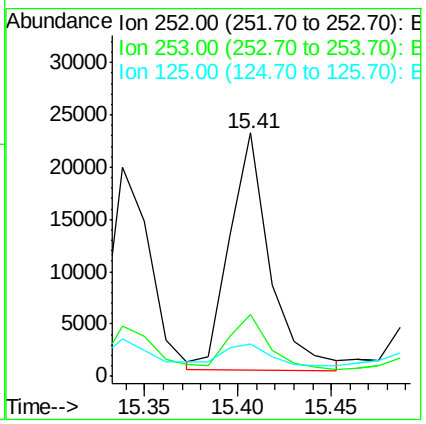


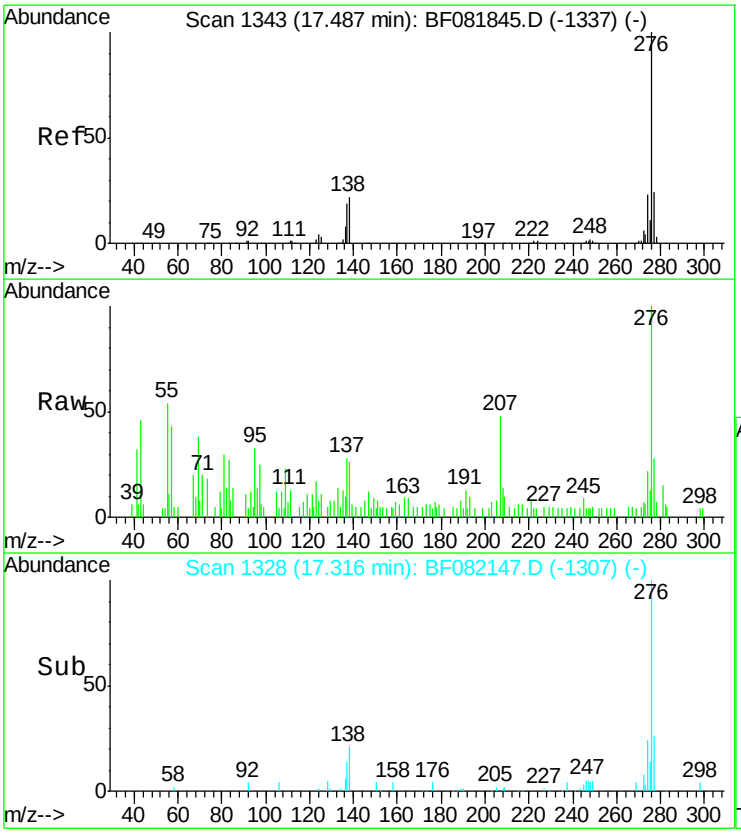
#89
Benzo(a)pyrene
Concen: 3.12 ng
RT: 15.41 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 34367

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.2	25.8
125	13.2	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 2.47 ng
RT: 17.32 min Scan# 1328
Delta R.T. -0.06 min
Lab File: BF082147.D
Acq: 9 Oct 2015 16:07

Tgt Ion:276 Resp: 23414

Ion	Ratio	Lower	Upper
276	100		
277	28.3	17.8	26.6#
138	26.0	34.6	51.8#