Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Time: Nov 02 00:36:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	213256	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	860632	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	432178	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	767971	20.00	ng		0.00
75) Chrysene-d12	14.08	240	510946	20.00	ng		0.00
86) Perylene-d12	15.53	264	474982	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1553044	109.69	ng		0.01
7) Phenol-d6	6.53	99	2214208	117.71	ng		0.00
23) Nitrobenzene-d5	7.47	82	1661897	78.85	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	571076	120.74	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1993297	65.48	ng		0.00
78) Terphenyl-d14	13.02	244	1606051	68.79	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.67	77	46636	3.63	ng		86
19) n-Nitroso-di-n-propylamine	7.47	70	235449	16.51	ng	#	68
49) Dimethylphthalate	9.66	163	974972	27.62	ng		99
56) 2,4-Dinitrotoluene	9.95	165	56889	5.75	ng	#	16
66) 4-Bromophenyl-phenylether	10.74	248	40198	4.62	ng	#	1
70) Phenanthrene	11.46	178	773833	17.87	ng		97
71) Anthracene	11.50	178	220022	5.04	ng		97
74) Fluoranthene	12.65	202	777561	17.56	ng		96
77) Pyrene	12.88	202	631078	16.68	ng		95
80) Benzo(a)anthracene	14.07	228	259110	7.98	ng		99
82) Chrysene	14.07	228	259110	8.81	ng		96
85) Indeno(1,2,3-cd)pyrene	16.95	276	101105	4.16	ng		95
87) Benzo(b)fluoranthene	15.11	252	278895	8.52	ng	#	98
88) Benzo(k)fluoranthene	15.11	252	278895	11.18	ng	#	97
89) Benzo(a)pyrene	15.46	252	159189	6.17	ng		98
91) Benzo(g,h,i)perylene	17.37	276	94137	4.04	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 31 Oct 2015 18:58
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3W(0-2)

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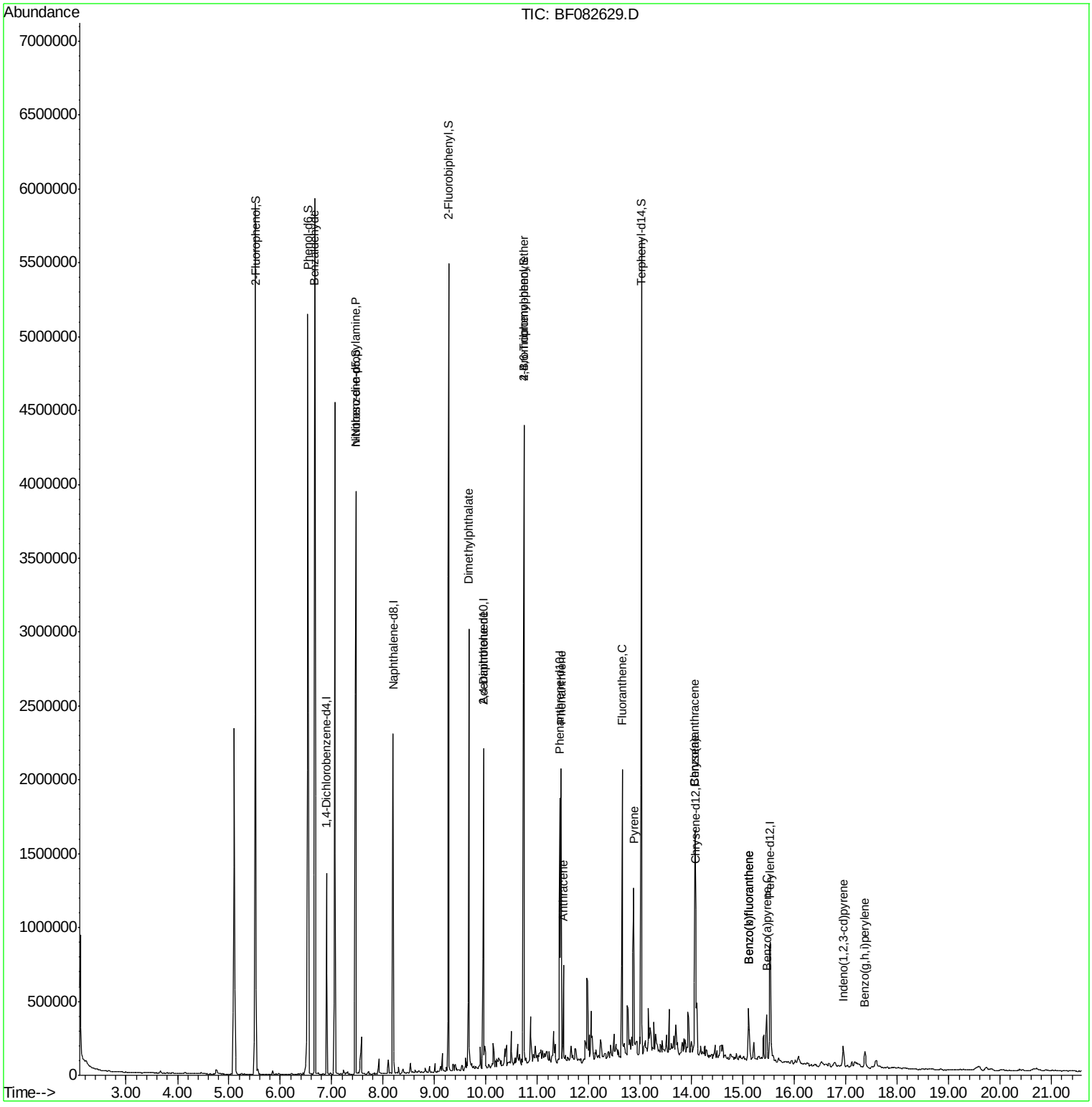
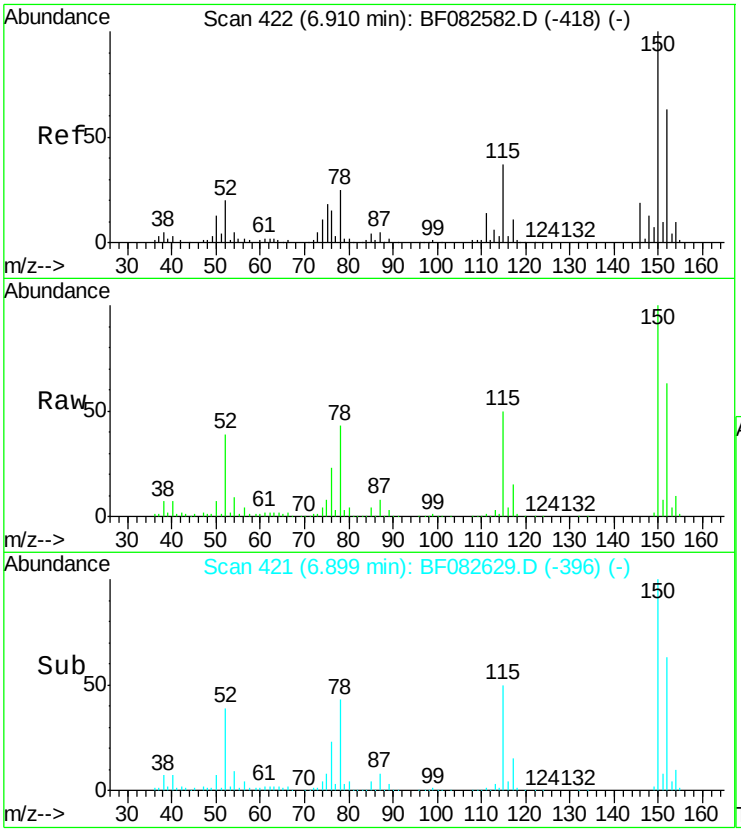


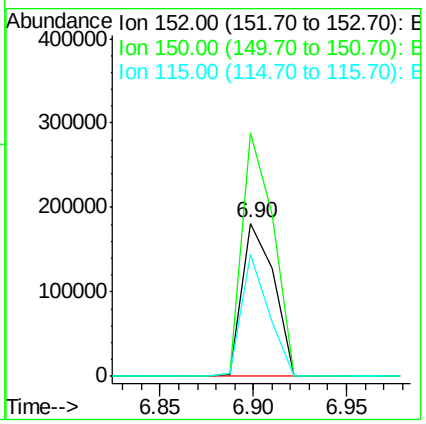


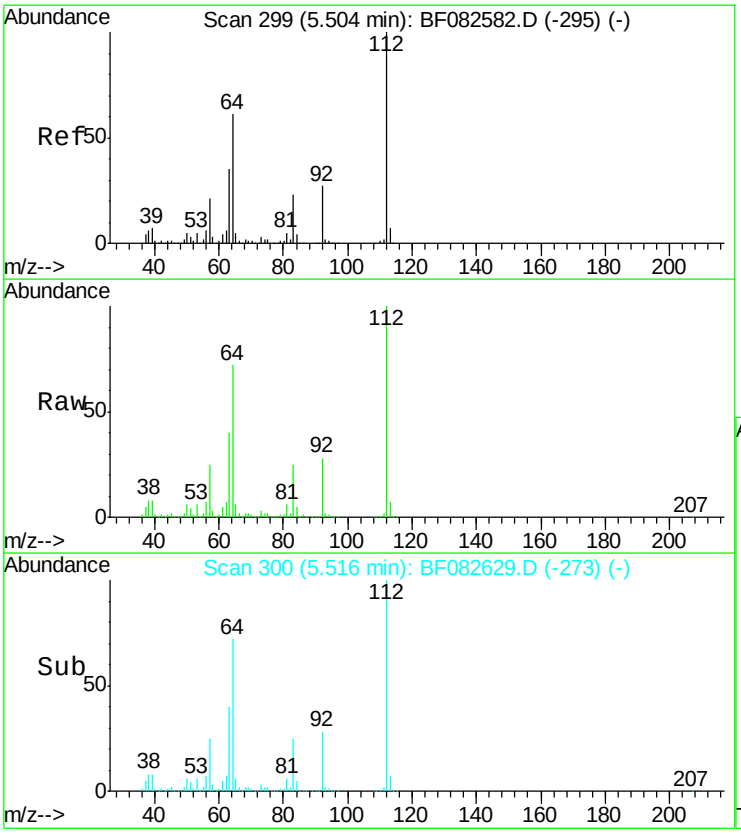
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion:152 Resp: 213256

Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.0	190.4
115	79.5	47.0	70.6#

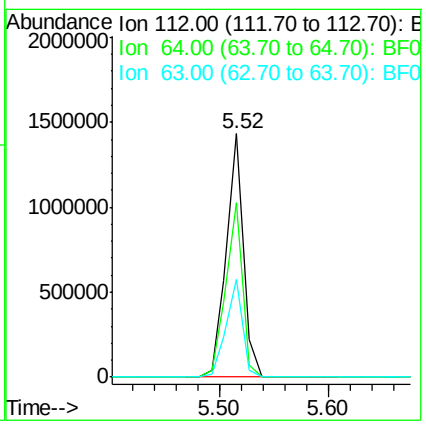


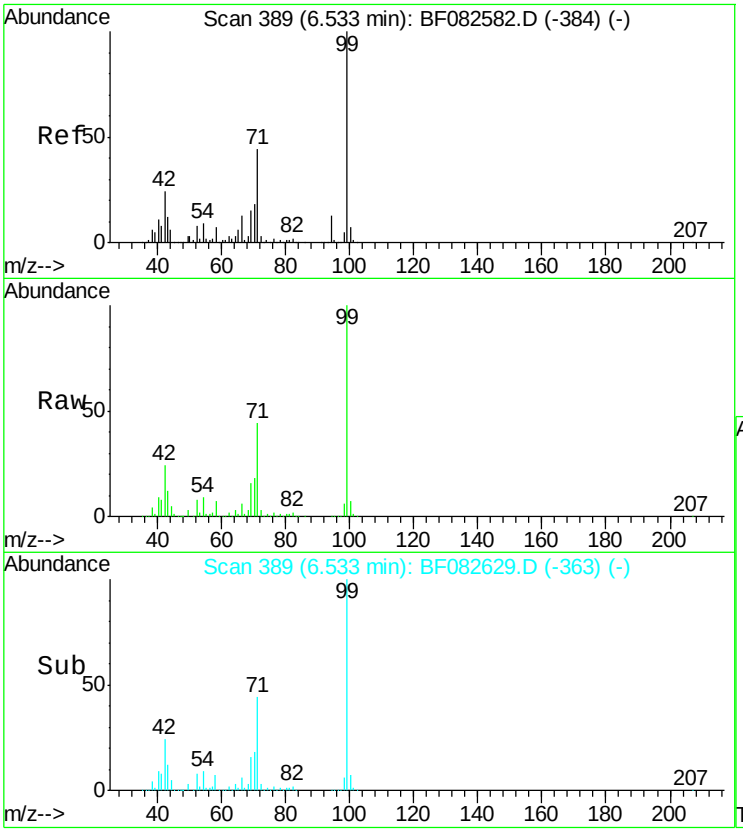


#5
2-Fluorophenol
Concen: 109.69 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion:112 Resp: 1553044

Ion	Ratio	Lower	Upper
112	100		
64	71.8	48.9	73.3
63	39.9	28.1	42.1



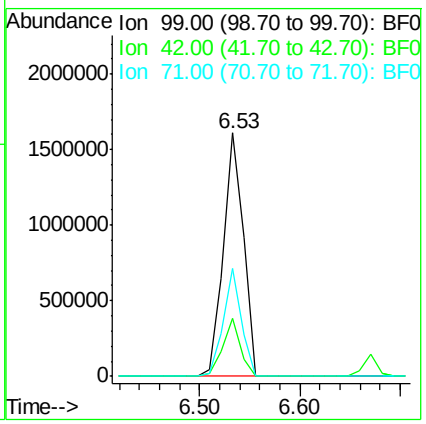


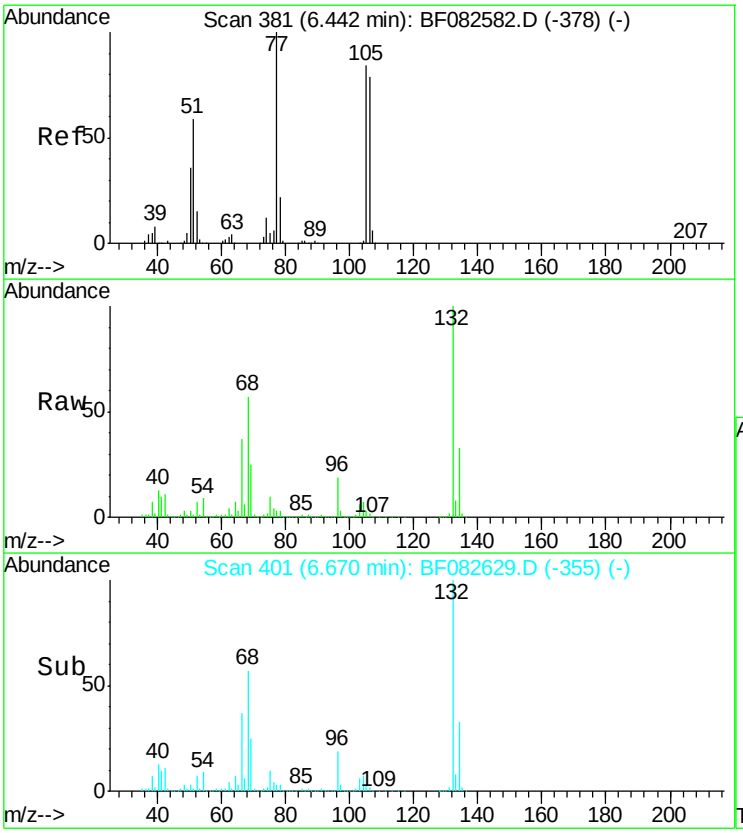
#7
Phenol-d6
Concen: 117.71 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion: 99 Resp: 2214208

Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.2	28.8
71	44.1	35.0	52.4

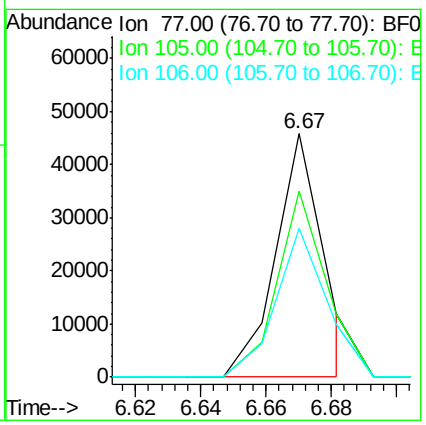


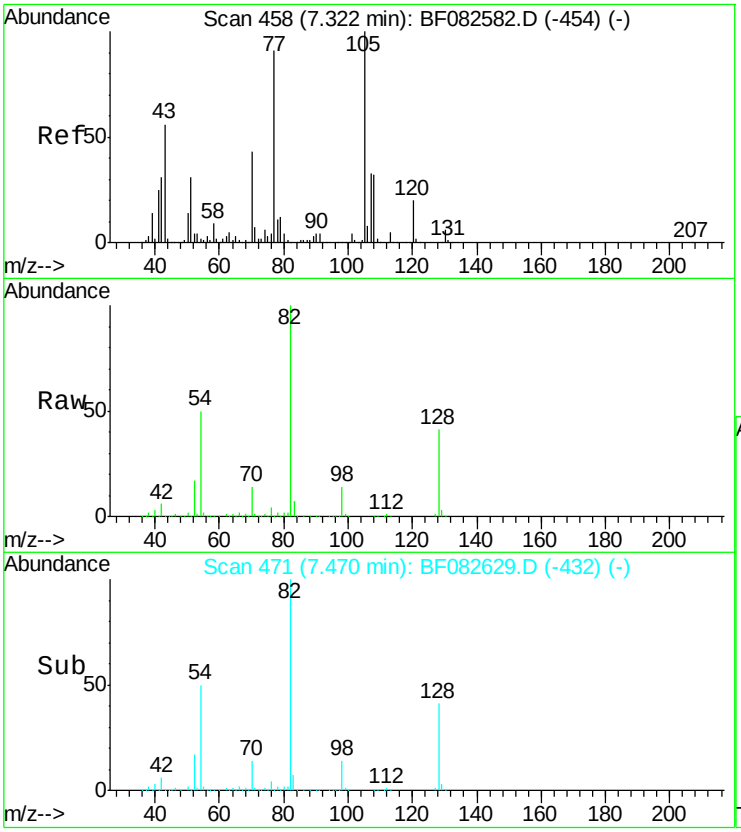


#9
Benzaldehyde
Concen: 3.63 ng
RT: 6.67 min Scan# 401
Delta R.T. 0.23 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion: 77 Resp: 46636

Ion	Ratio	Lower	Upper
77	100		
105	76.4	63.5	103.5
106	61.4	59.3	99.3



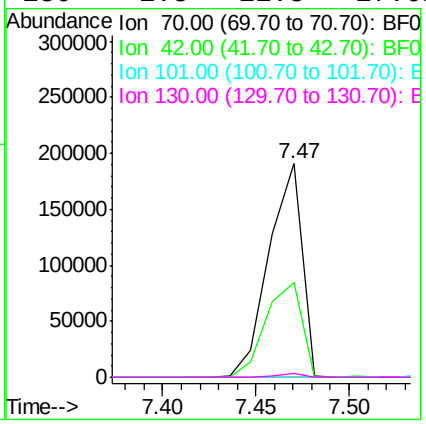


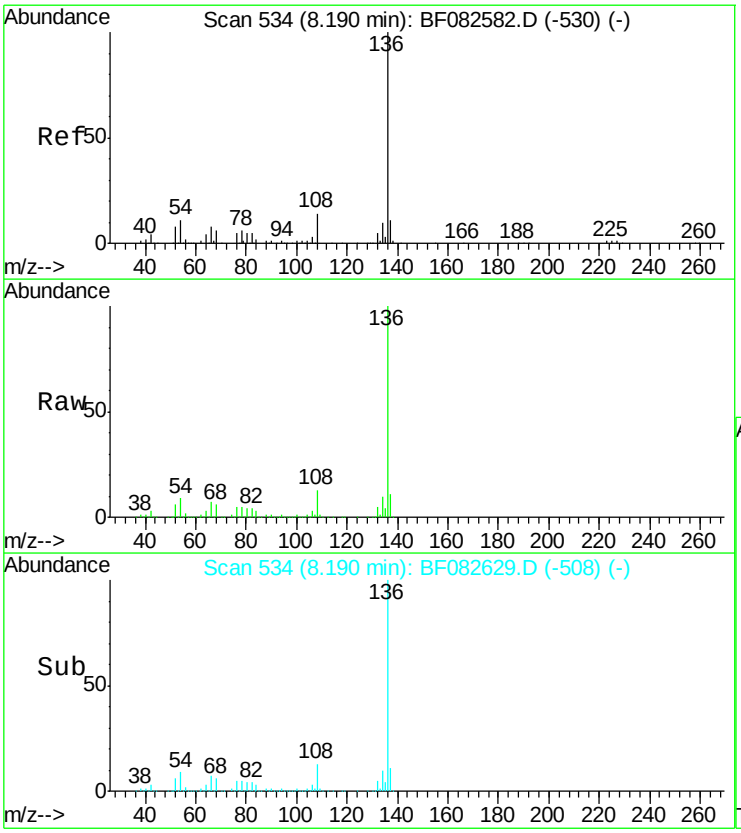
#19
n-Nitroso-di-n-propylamine
Concen: 16.51 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.15 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion: 70 Resp: 235449

Ion	Ratio	Lower	Upper
70	100		
42	44.1	57.7	86.5#
101	0.0	7.0	10.6#
130	1.8	11.8	17.6#

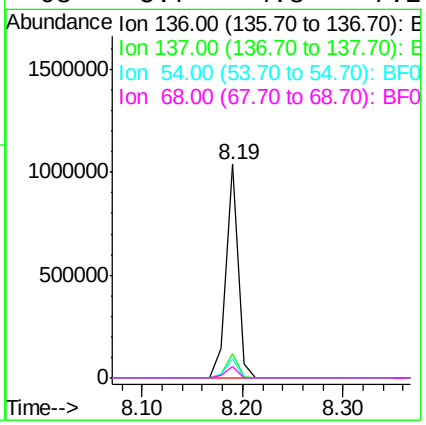


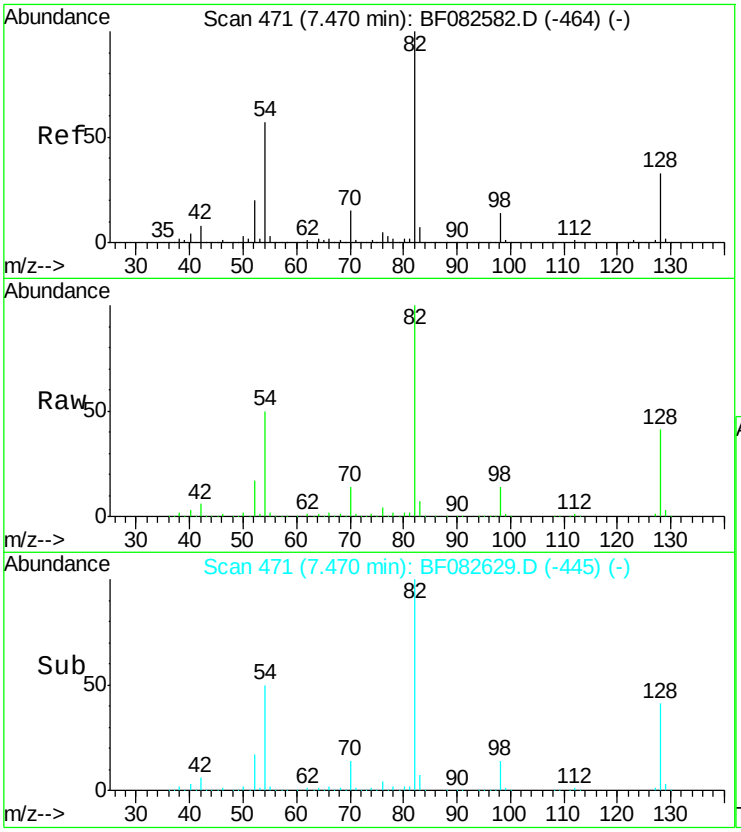


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion:136 Resp: 860632

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.1	9.1	13.7
68	5.7	4.8	7.2



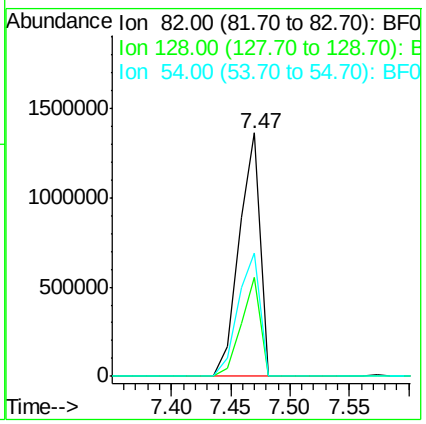


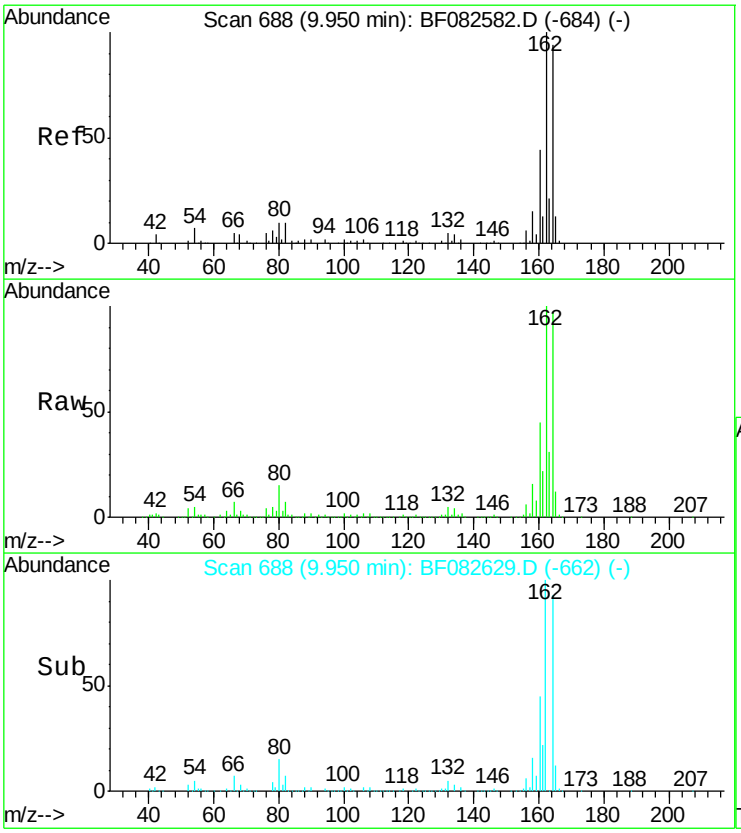
#23
Nitrobenzene-d5
Concen: 78.85 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion: 82 Resp: 1661897

Ion	Ratio	Lower	Upper
82	100		
128	40.9	26.8	40.2#
54	50.5	45.7	68.5

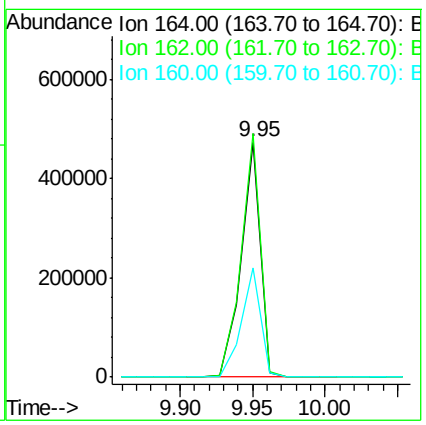


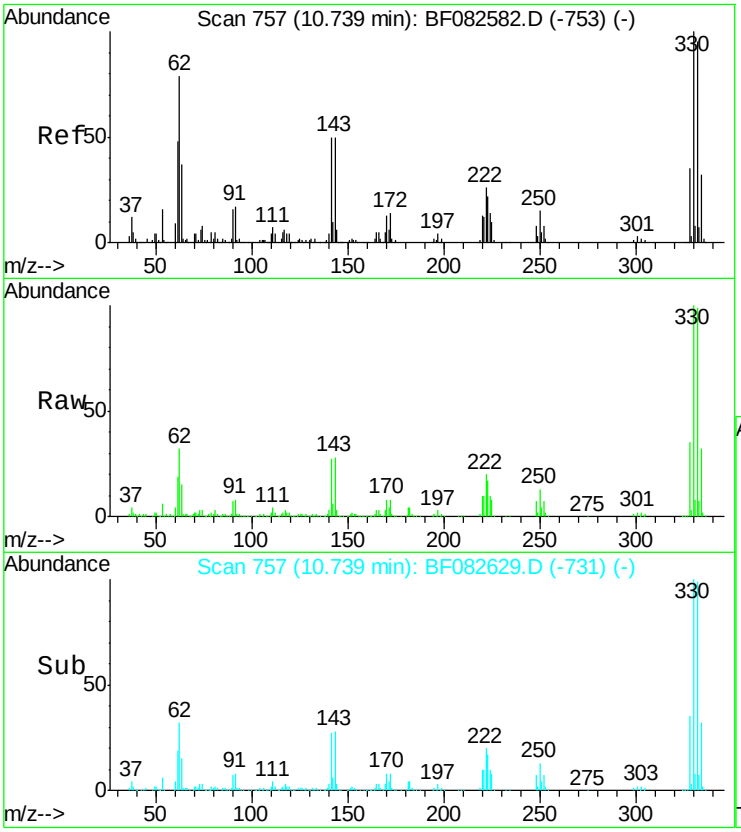


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion:164 Resp: 432178

Ion	Ratio	Lower	Upper
164	100		
162	103.6	84.9	127.3
160	46.6	37.5	56.3



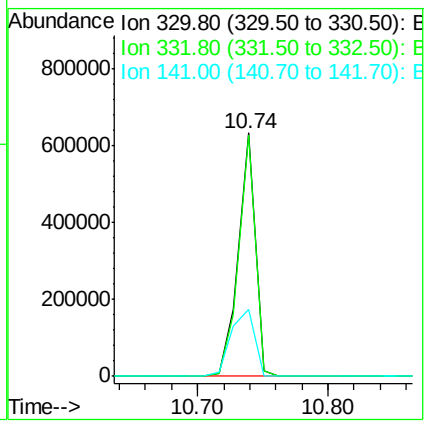


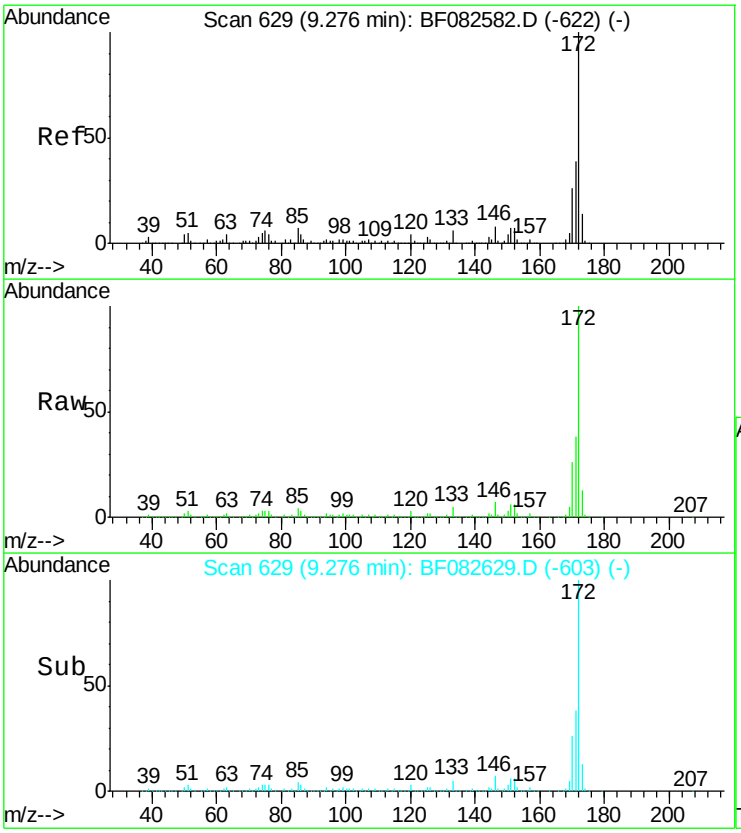
#41
2,4,6-Tribromophenol
Concen: 120.74 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion:330 Resp: 571076

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	38.1	41.2	61.8#

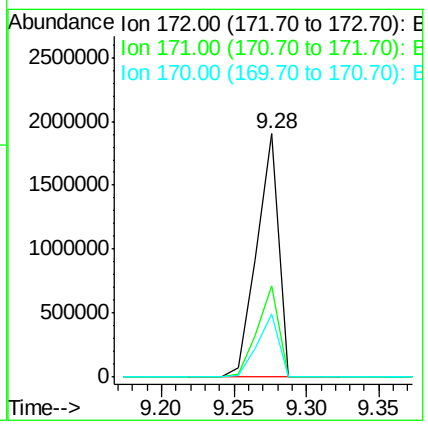


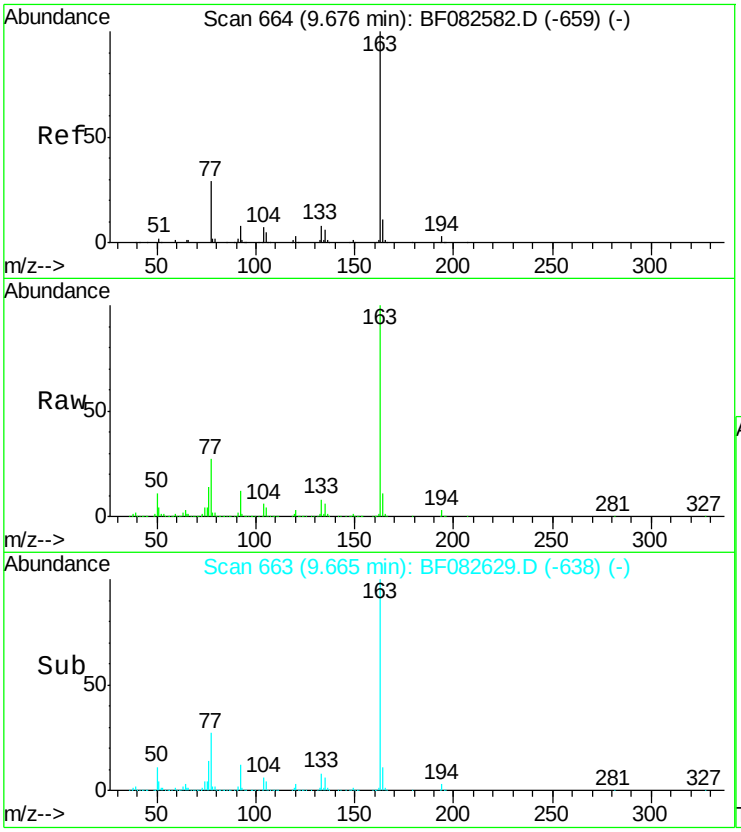


#44
2-Fluorobiphenyl
Concen: 65.48 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion:172 Resp: 1993297

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.7	21.2	31.8



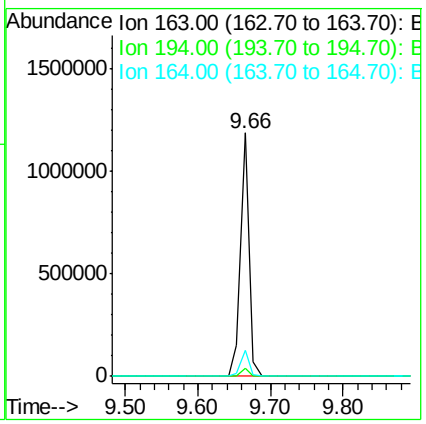


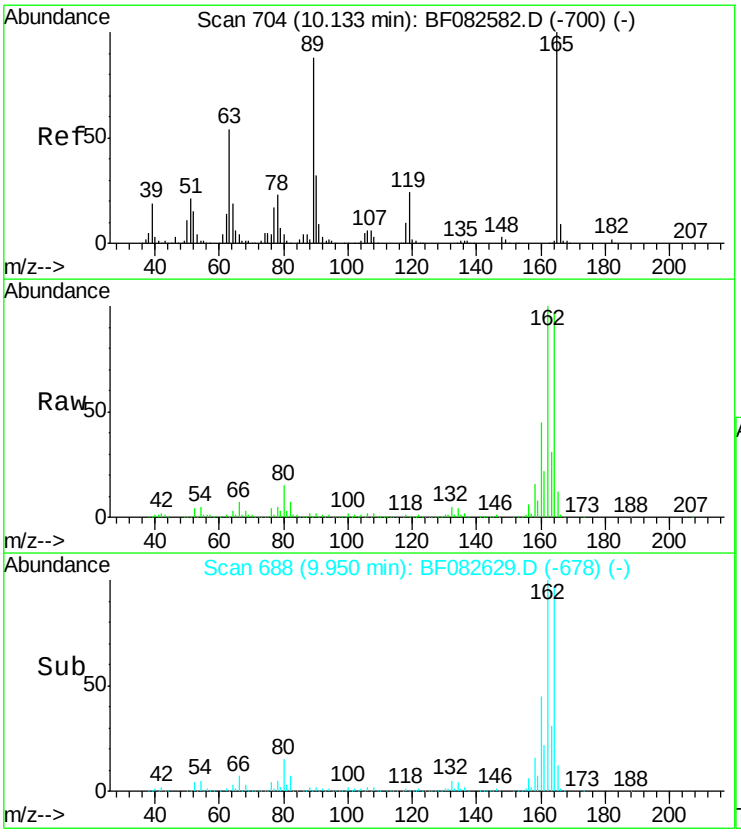
#49
Dimethylphthalate
Concen: 27.62 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion:163 Resp: 974972

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.5	8.7	13.1

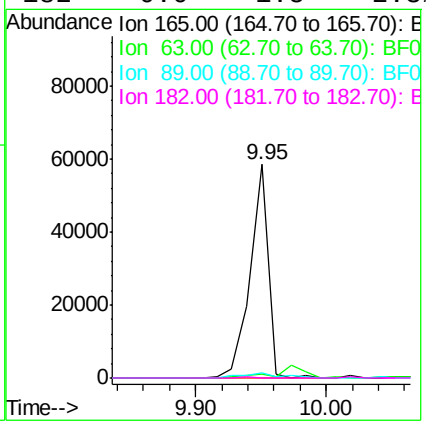


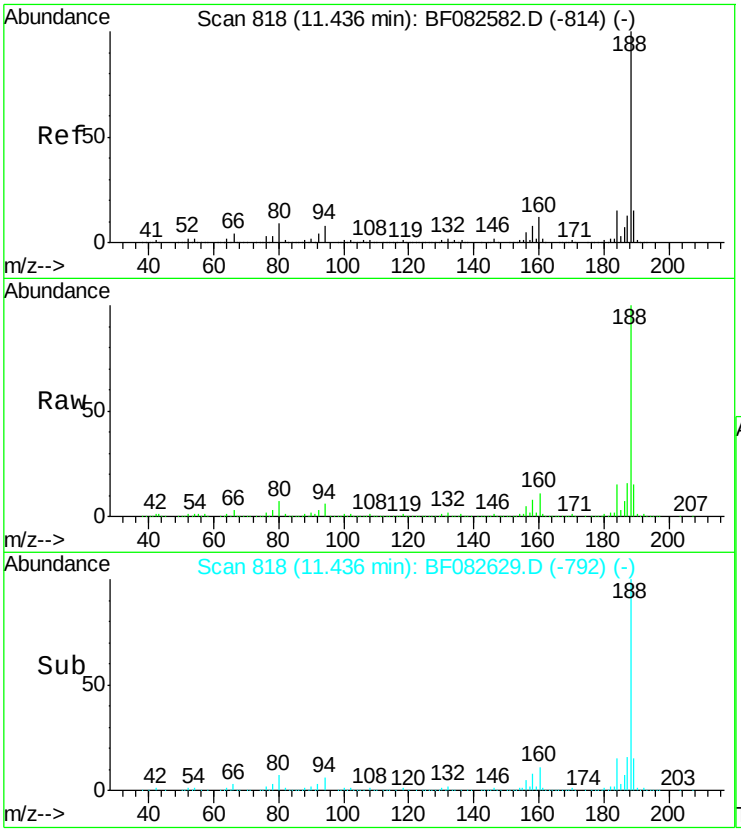


#56
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.18 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion:165 Resp: 56889

Ion	Ratio	Lower	Upper
165	100		
63	2.0	43.4	65.0#
89	2.2	70.6	106.0#
182	0.0	1.5	2.3#



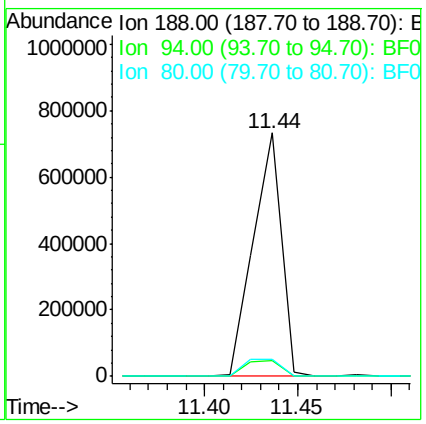


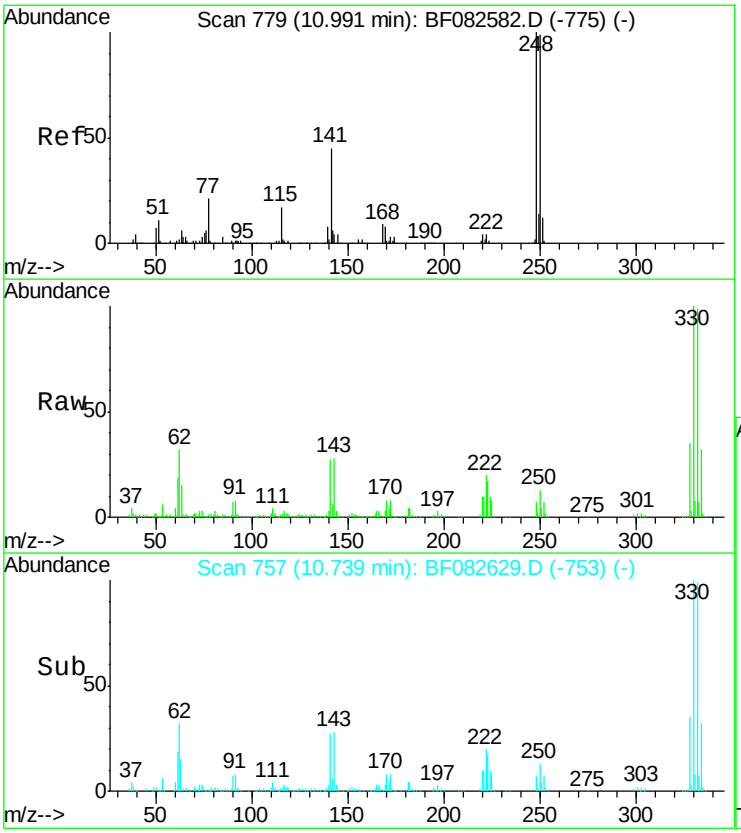
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion:188 Resp: 767971

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.1	9.1
80	7.0	7.0	10.6#

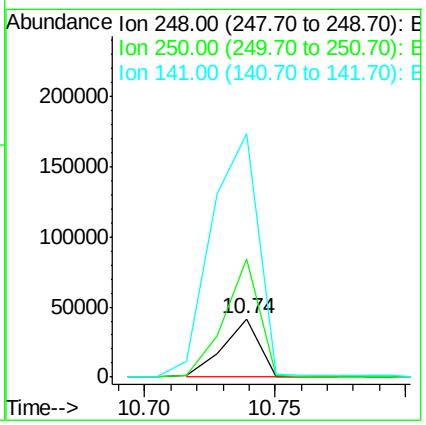


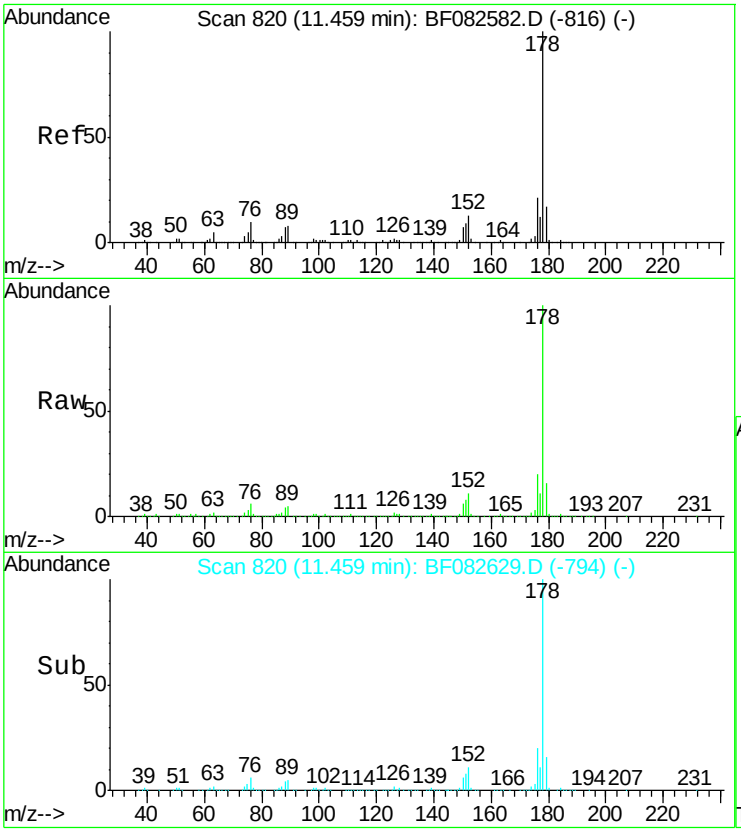


#66
4-Bromophenyl-phenylether
Concen: 4.62 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion:248 Resp: 40198

Ion	Ratio	Lower	Upper
248	100		
250	203.1	79.4	119.2#
141	416.2	36.3	54.5#



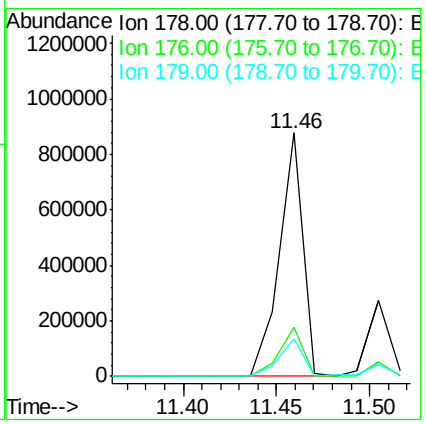


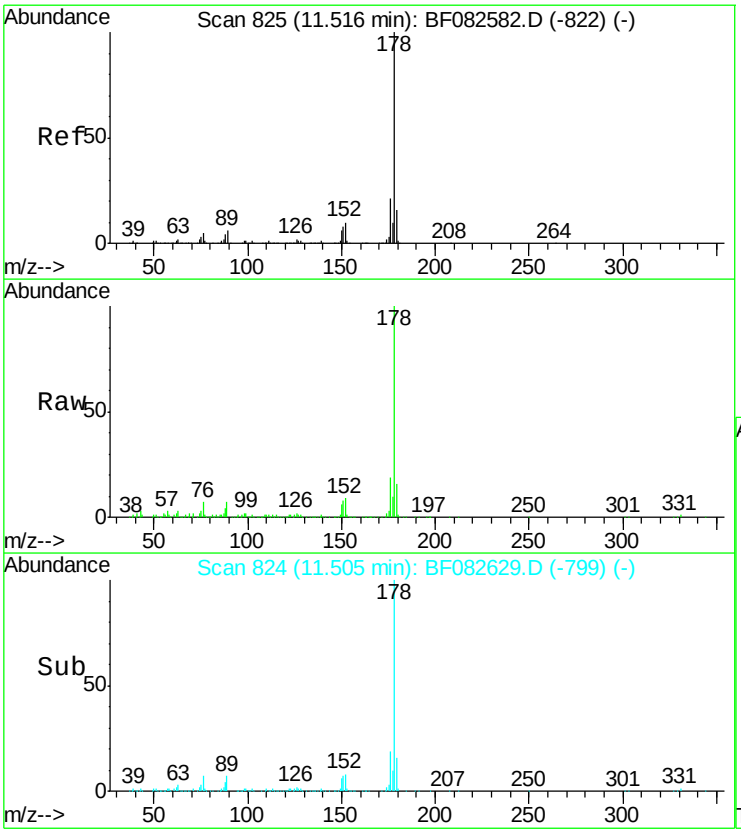
#70
Phenanthrene
Concen: 17.87 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion:178 Resp: 773833

Ion	Ratio	Lower	Upper
178	100		
176	20.0	17.0	25.4
179	15.6	13.4	20.0

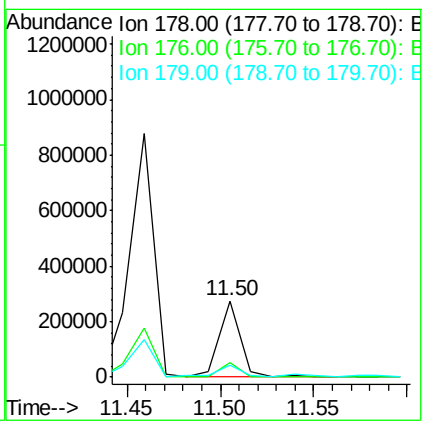


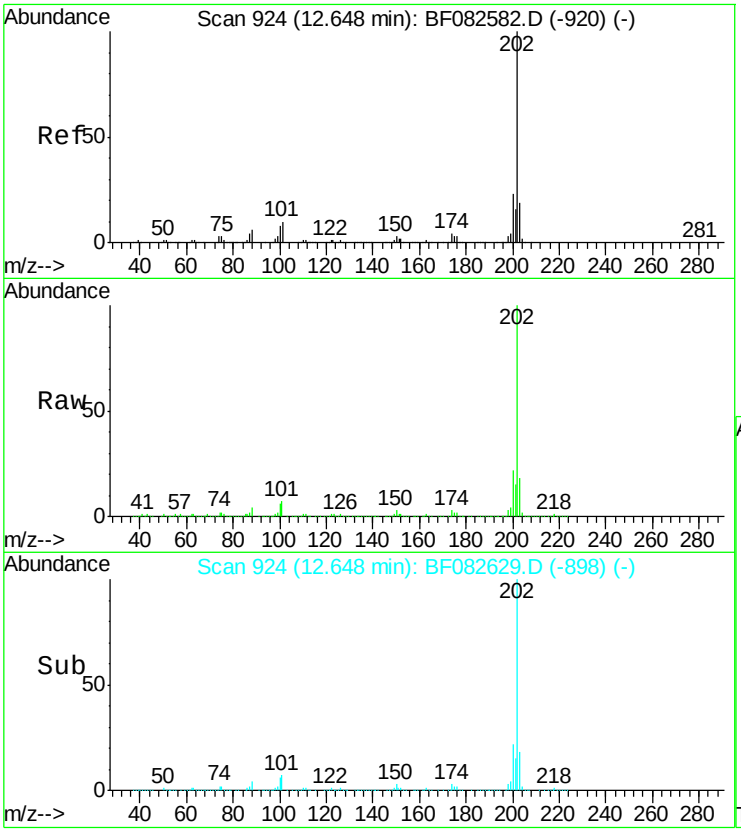


#71
Anthracene
Concen: 5.04 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion:178 Resp: 220022

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.5	24.7
179	15.8	13.2	19.8



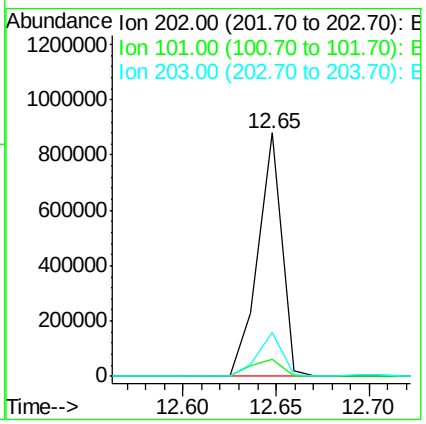


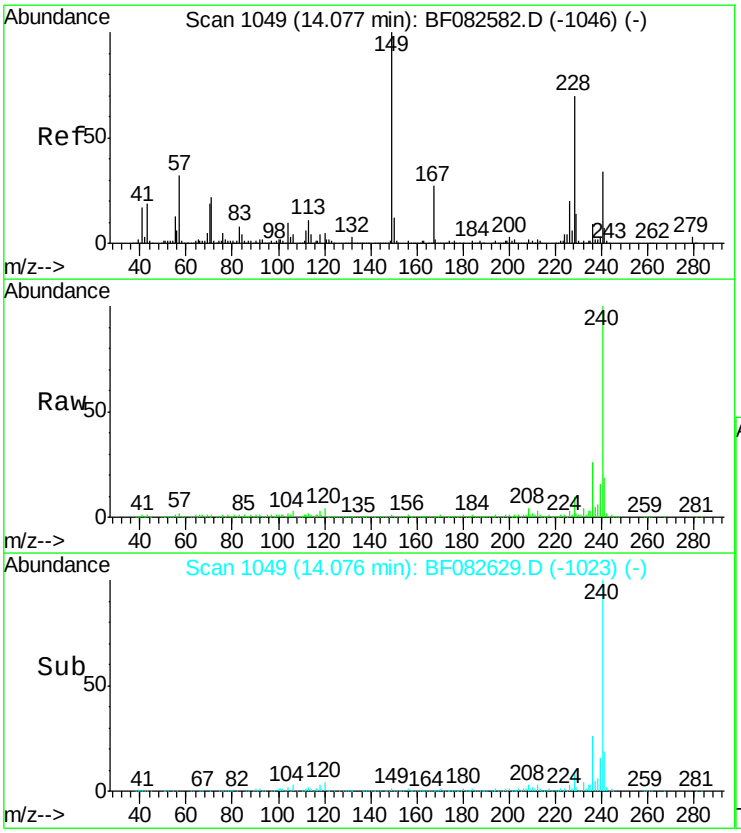
#74
Fluoranthene
Concen: 17.56 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion:202 Resp: 777561

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	30.5
203	18.0	0.0	38.5

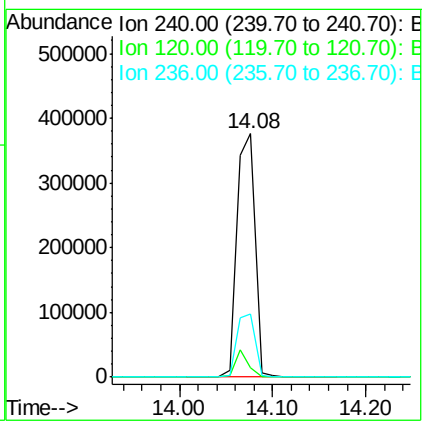


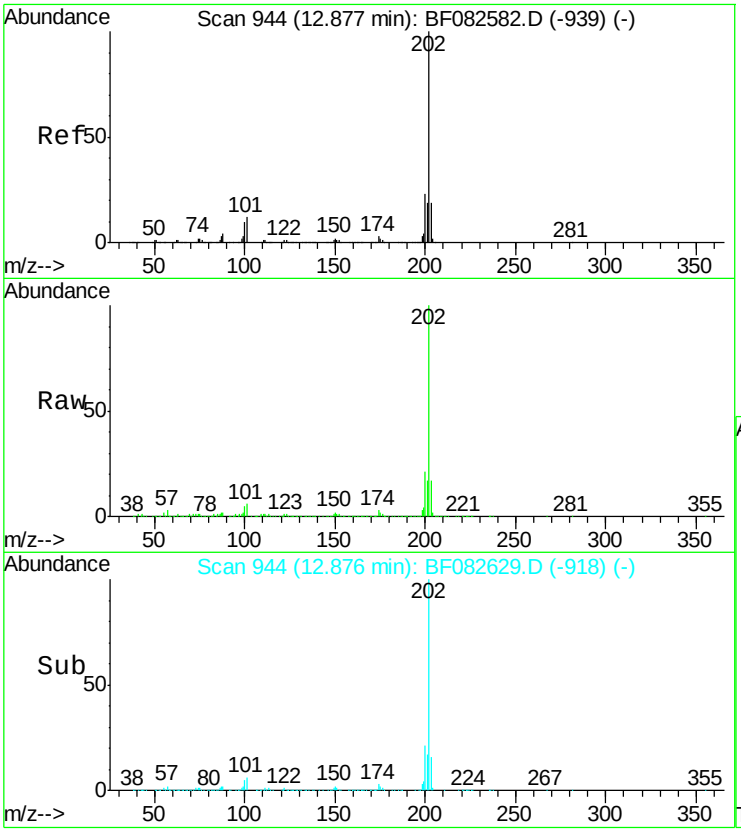


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion:240 Resp: 510946

Ion	Ratio	Lower	Upper
240	100		
120	3.9	10.9	16.3#
236	25.8	21.6	32.4



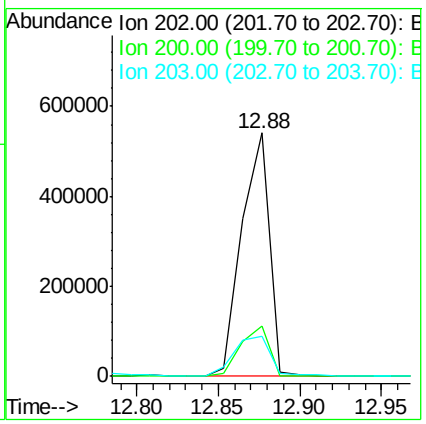


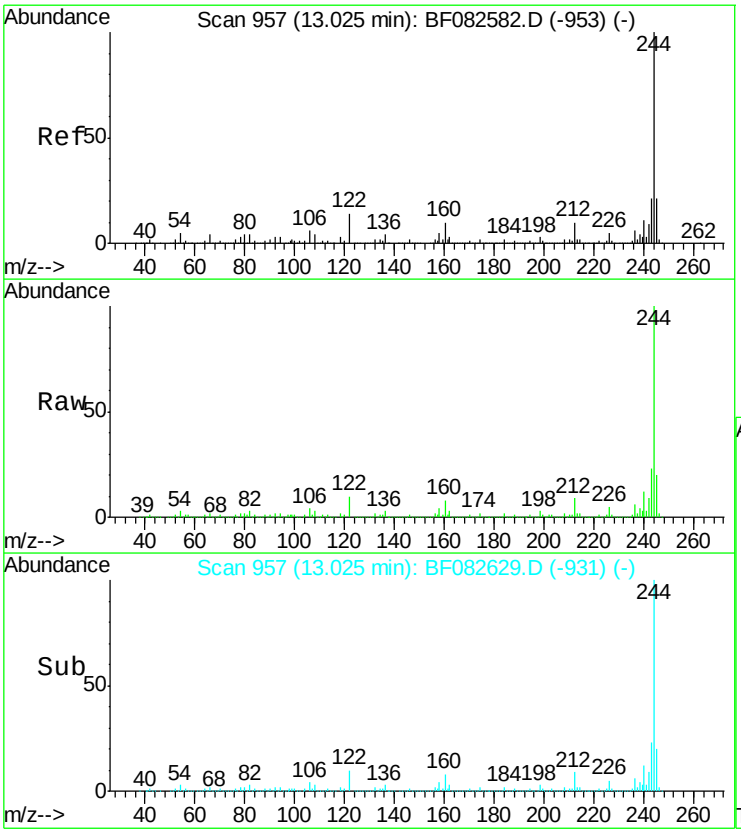
#77
Pyrene
Concen: 16.68 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion:202 Resp: 631078

Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.7	28.1
203	16.6	14.8	22.2

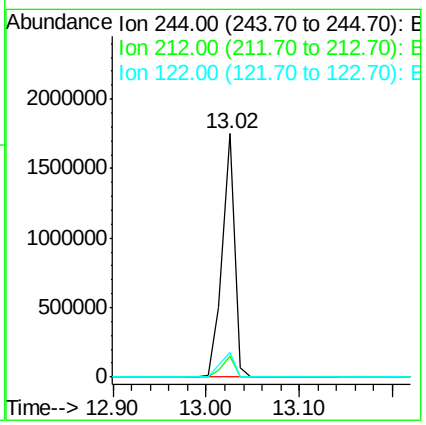


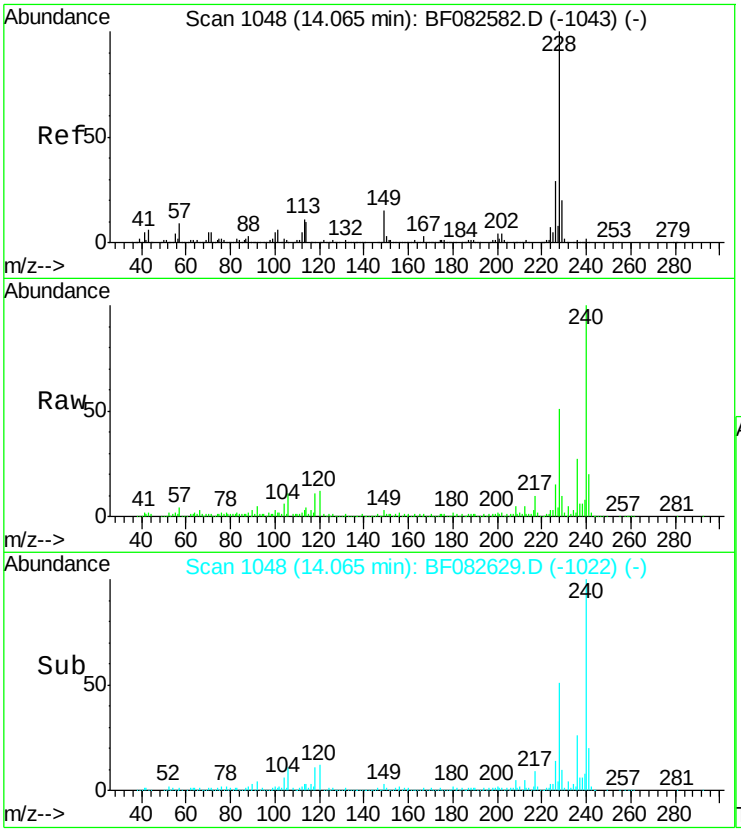


#78
Terphenyl-d14
Concen: 68.79 ng
RT: 13.02 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion:244 Resp: 1606051

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.6	11.4
122	10.1	11.3	16.9#



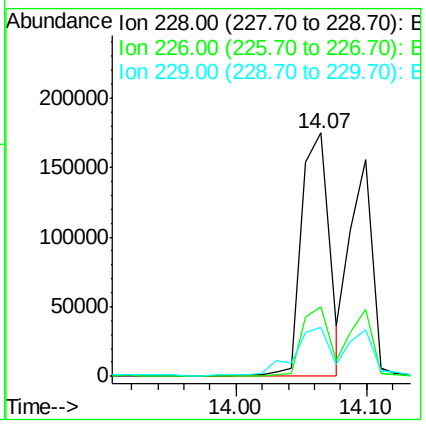


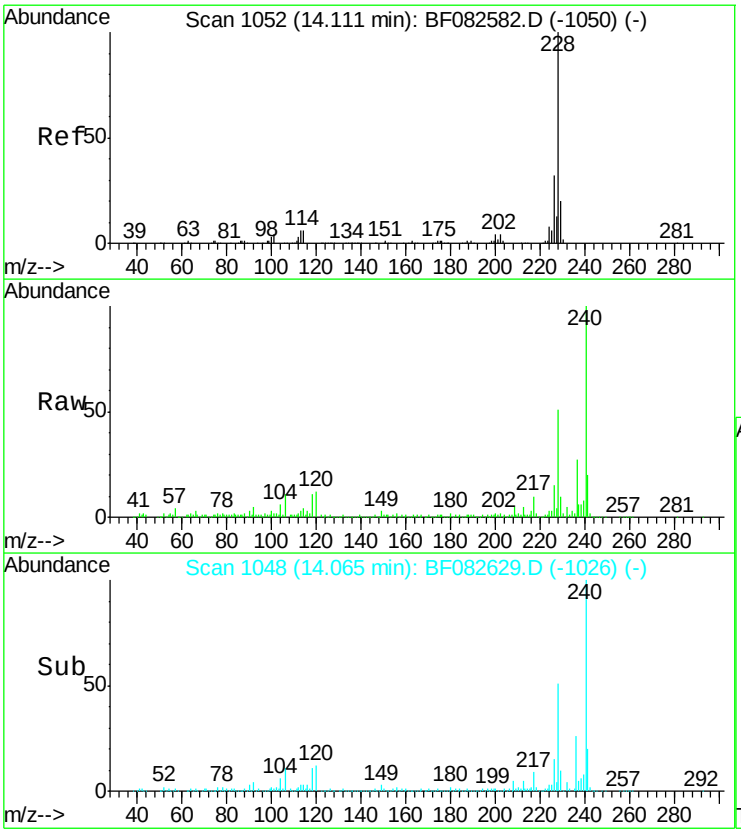
#80
Benzo(a)anthracene
Concen: 7.98 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion:228 Resp: 259110

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	20.2	16.3	24.5

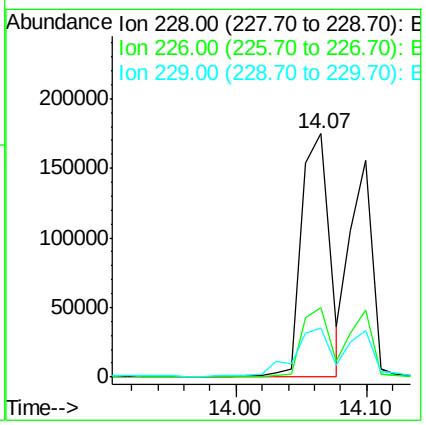


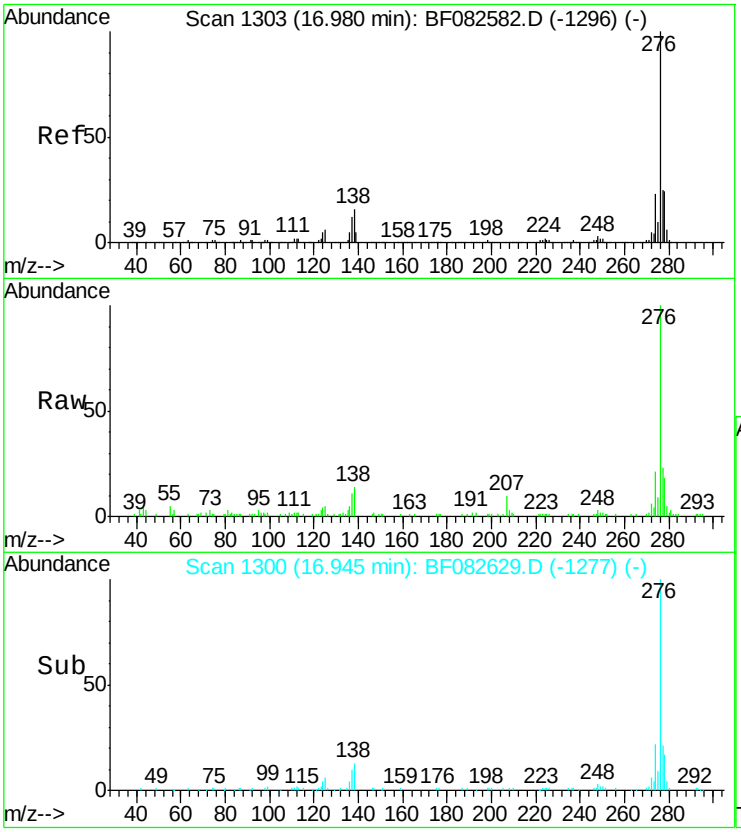


#82
Chrysene
Concen: 8.81 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.05 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion:228 Resp: 259110

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.5	38.3
229	20.2	16.3	24.5



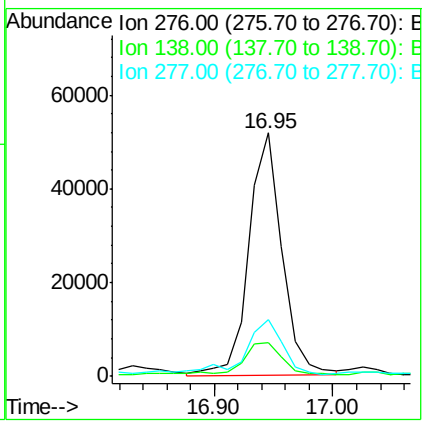


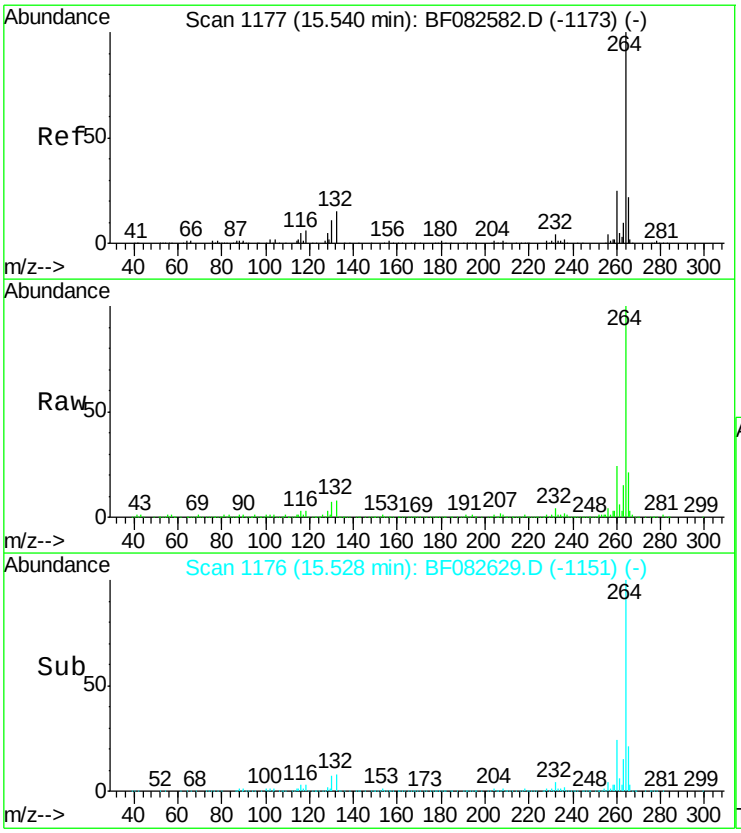
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.16 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.03 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion:276 Resp: 101105

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.3	22.9
277	29.6	20.2	30.4

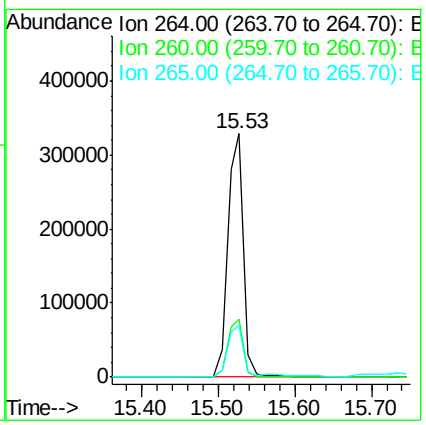


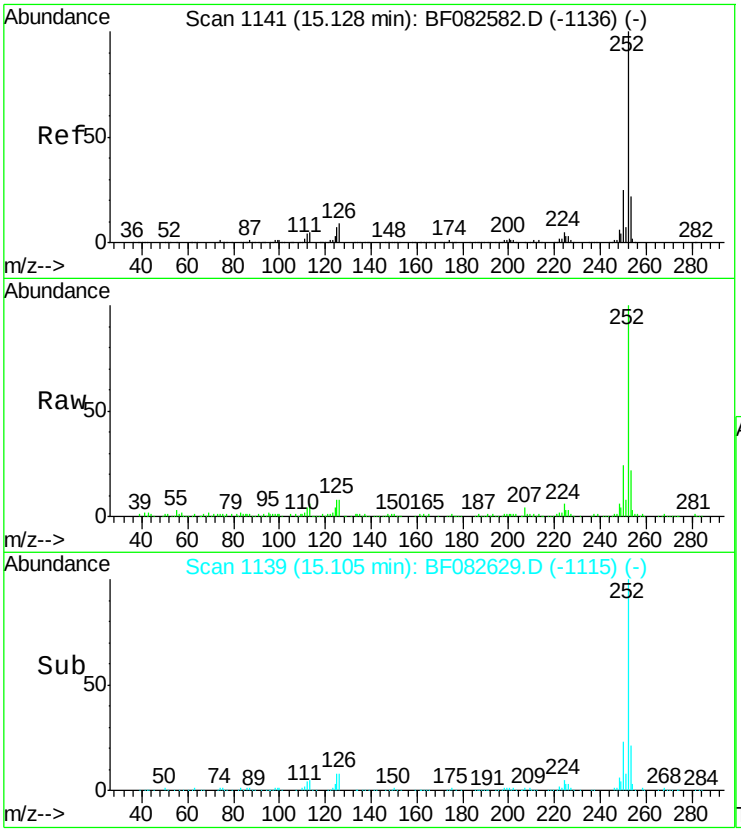


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion:264 Resp: 474982

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.6
265	21.4	17.4	26.0



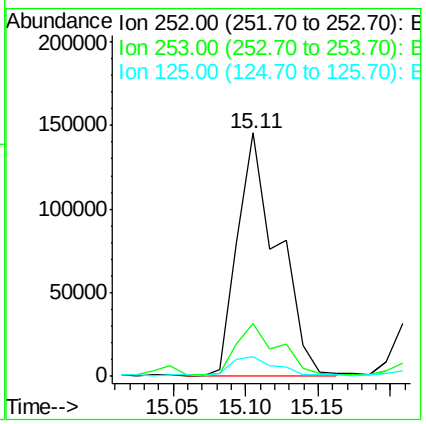


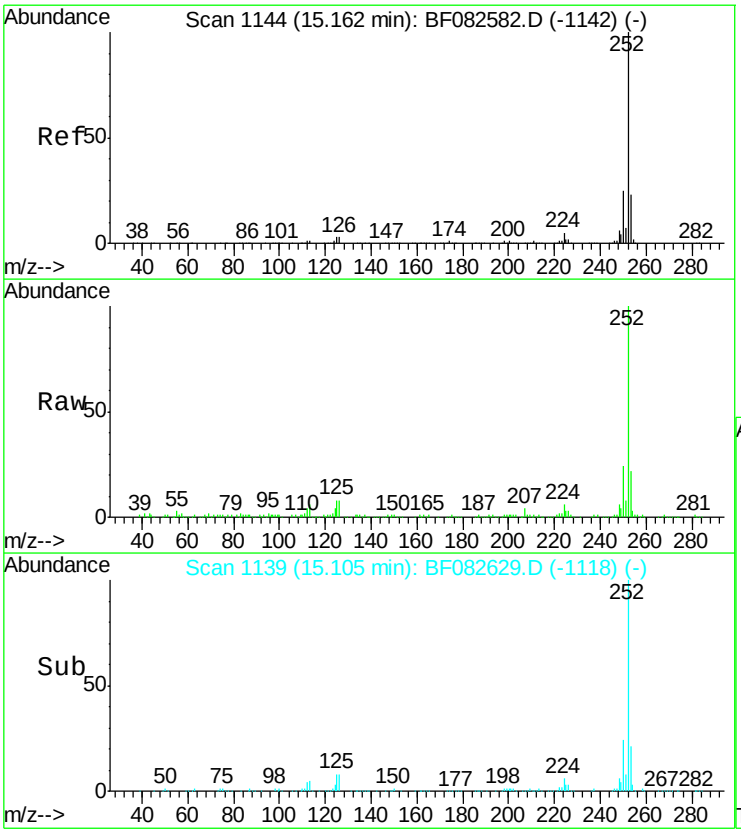
#87
Benzo(b)fluoranthene
Concen: 8.52 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion:252 Resp: 278895

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	8.2	5.4	8.2#

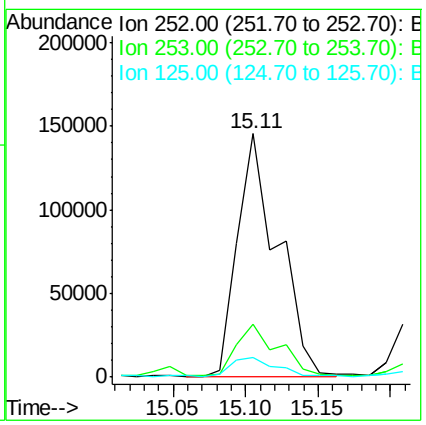


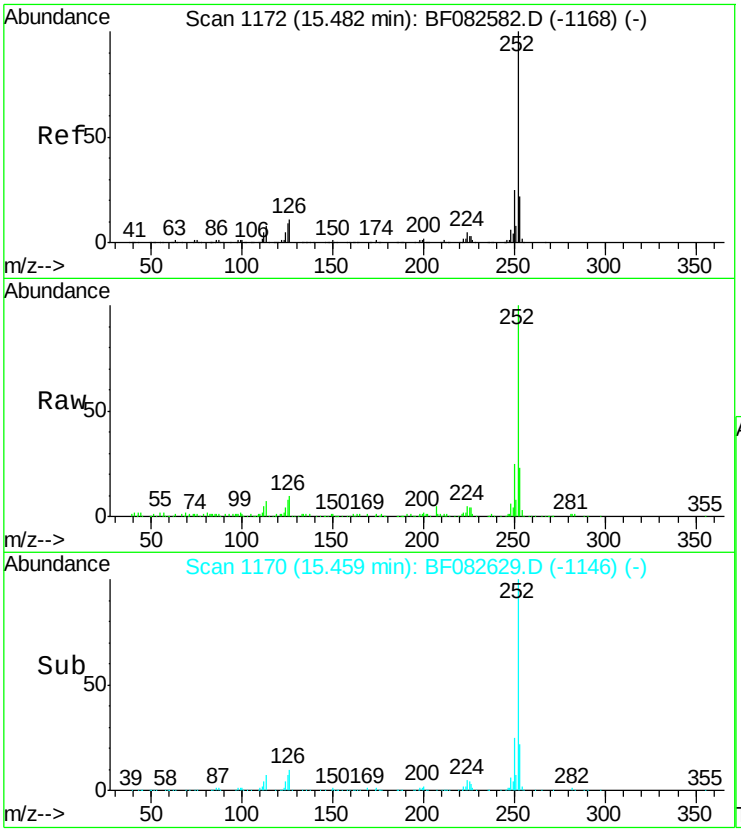


#88
Benzo(k)fluoranthene
Concen: 11.18 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion:252 Resp: 278895

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	8.2	3.5	5.3#



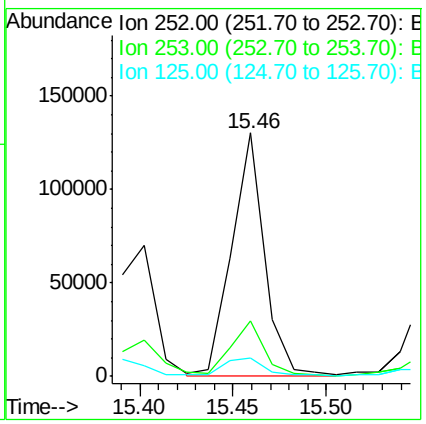


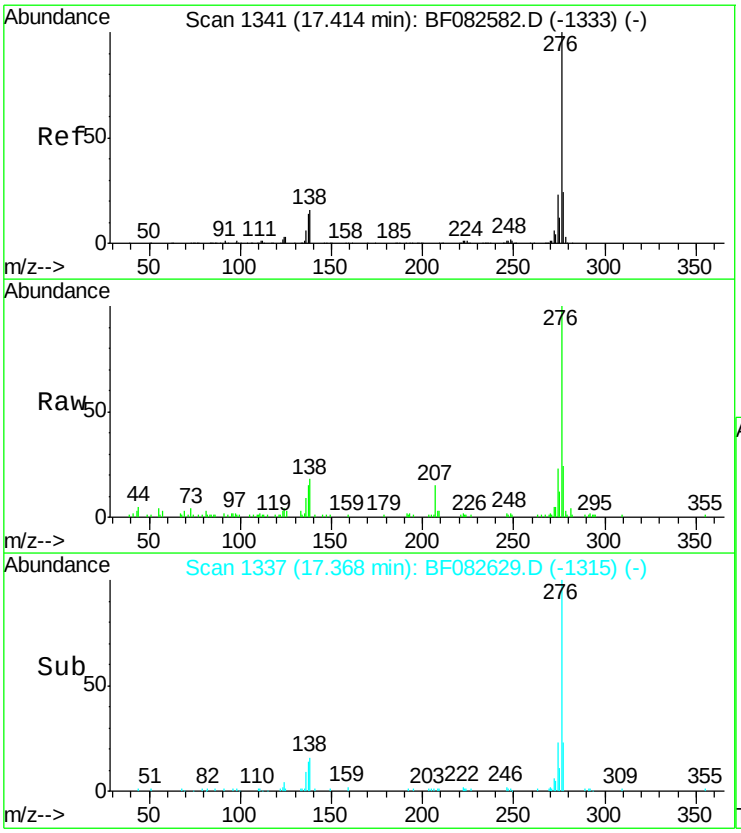
#89
Benzo(a)pyrene
Concen: 6.17 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Instrument :
BNA_F
ClientSampleId :
3W(0-2)

Tgt Ion:252 Resp: 159189

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	7.8	7.1	10.7





#91
Benzo(g,h,i)perylene
Concen: 4.04 ng
RT: 17.37 min Scan# 1337
Delta R.T. -0.05 min
Lab File: BF082629.D
Acq: 31 Oct 2015 18:58

Tgt Ion:276 Resp: 94137

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	18.1	13.1	19.7