Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
Data File : BF082431.D
Acq On : 22 Oct 2015 5:06
Operator : UM/IZ
Sample : G4116-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-02(0-2)

Quant Time: Oct 22 12:55:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	107074	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	409409	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	173594	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	284099	20.00	ng		0.00
75) Chrysene-d12	13.96	240	254963	20.00	ng		-0.06
86) Perylene-d12	15.43	264	253861	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	494840	93.27	ng		0.01
7) Phenol-d6	6.42	99	630942	91.39	ng		0.00
23) Nitrobenzene-d5	7.34	82	352662	57.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	108422	66.60	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	701401	67.01	ng		0.00
78) Terphenyl-d14	12.89	244	501968	52.17	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	45753	9.44	ng	#	80
25) Isophorone	7.34	82	328511	26.70	ng	#	66
49) Dimethylphthalate	9.53	163	170292	13.93	ng		99
56) 2,4-Dinitrotoluene	9.82	165	21740	6.74	ng	#	22
66) 4-Bromophenyl-phenylether	10.61	248	8669	3.05	ng	#	1
74) Fluoranthene	12.52	202	55638	3.72	ng		98
77) Pyrene	12.74	202	51660	3.41	ng		98
80) Benzo(a)anthracene	13.94	228	31840	2.40	ng		95
82) Chrysene	13.94	228	31840	2.28	ng		98
87) Benzo(b)fluoranthene	15.03	252	54188	3.51	ng		95
88) Benzo(k)fluoranthene	15.03	252	54188	4.17	ng	#	92

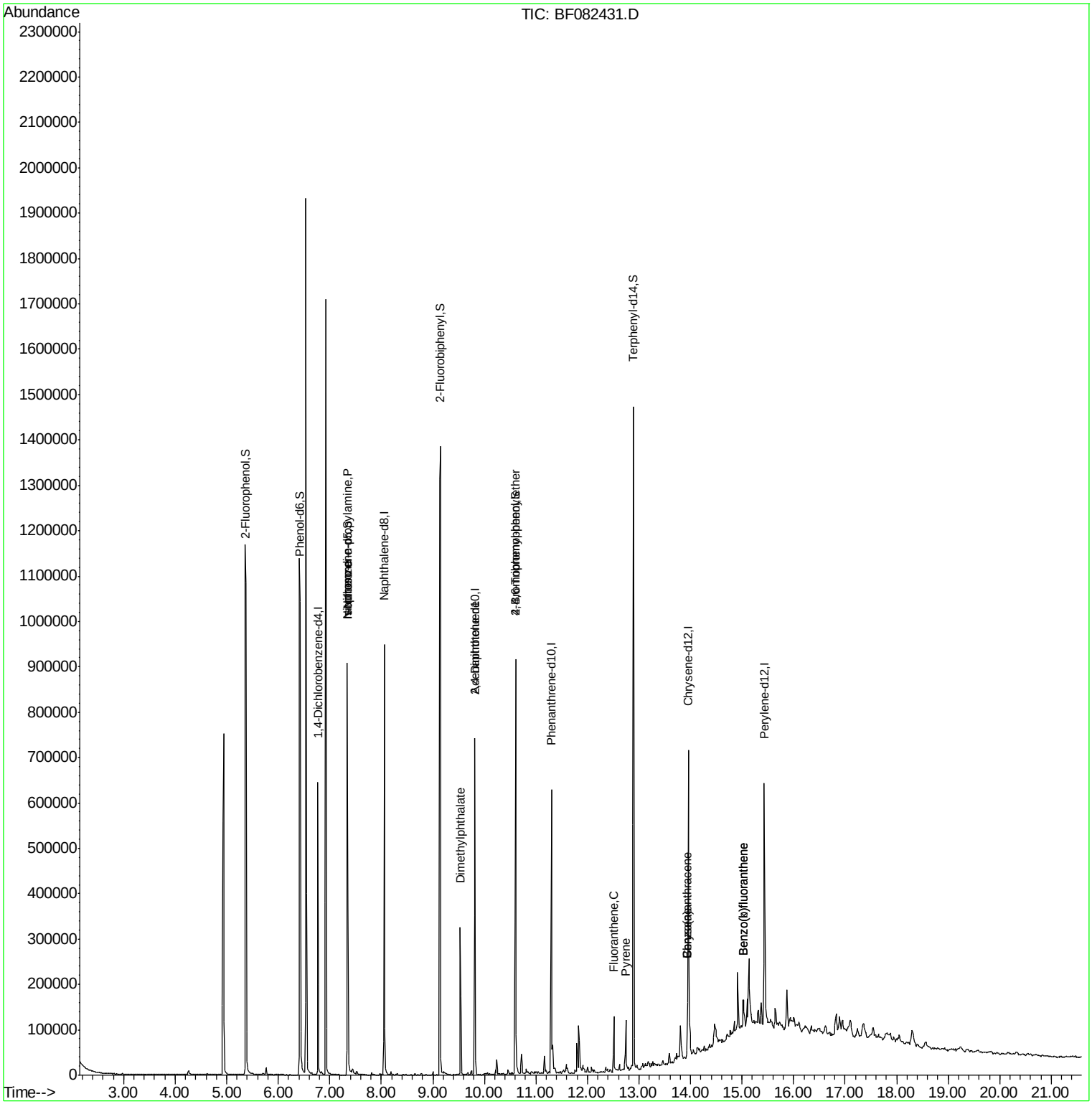
(#) = qualifier out of range (m) = manual integration (+) = signals summed

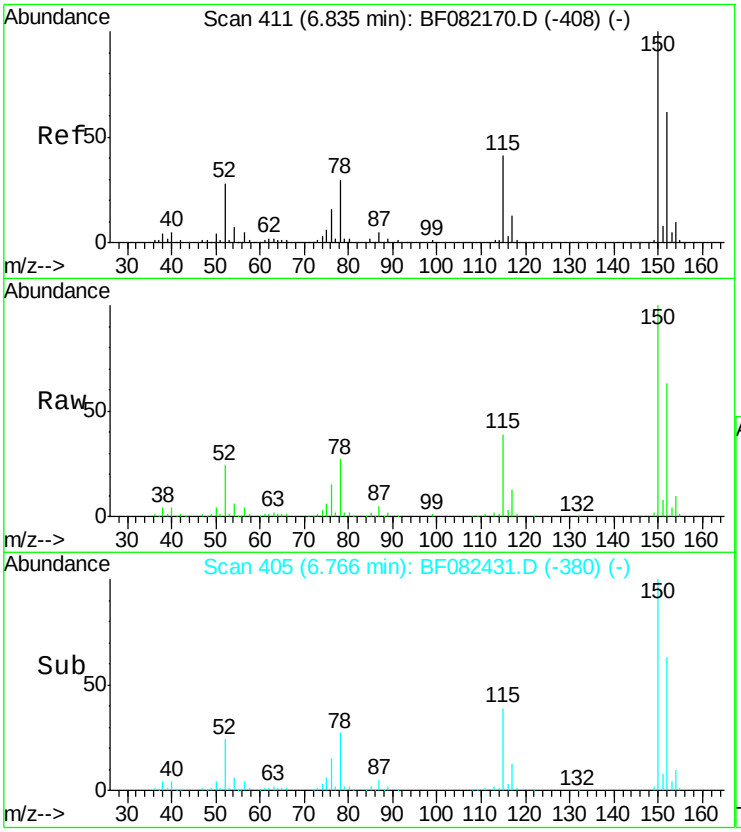
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
Data File : BF082431.D
Acq On : 22 Oct 2015 5:06
Operator : UM/IZ
Sample : G4116-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Quant Time: Oct 22 12:55:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration



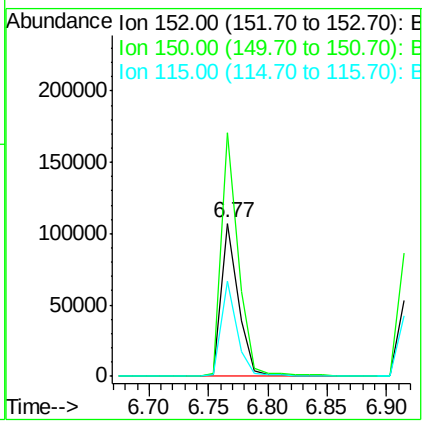


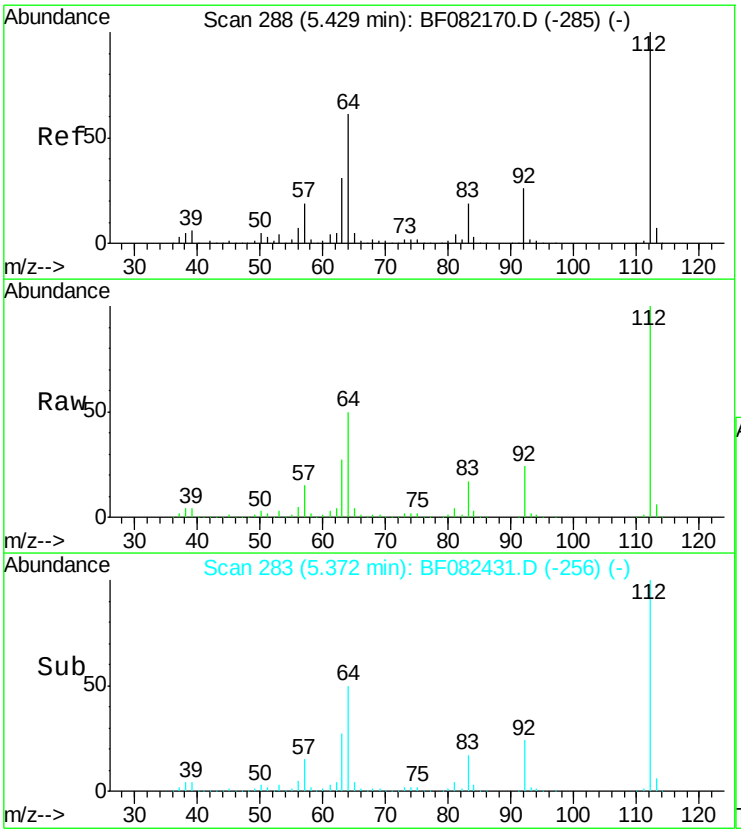
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tgt Ion:152 Resp: 107074

Ion	Ratio	Lower	Upper
152	100		
150	158.9	129.0	193.4
115	61.7	52.1	78.1

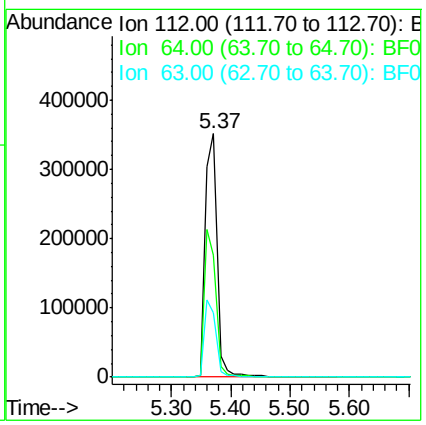


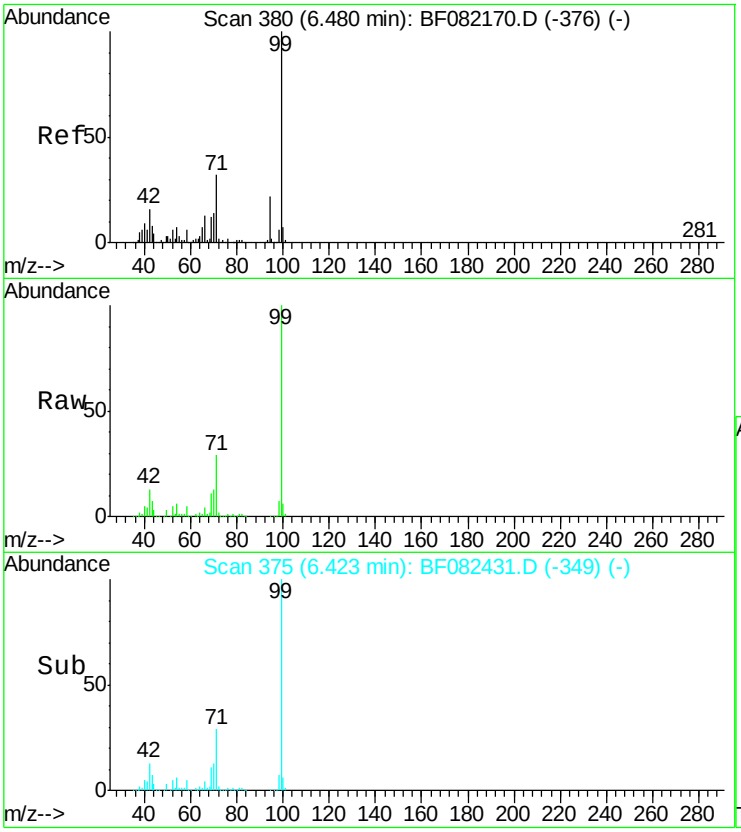


#5
2-Fluorophenol
Concen: 93.27 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion:112 Resp: 494840

Ion	Ratio	Lower	Upper
112	100		
64	50.0	48.6	73.0
63	26.5	25.1	37.7



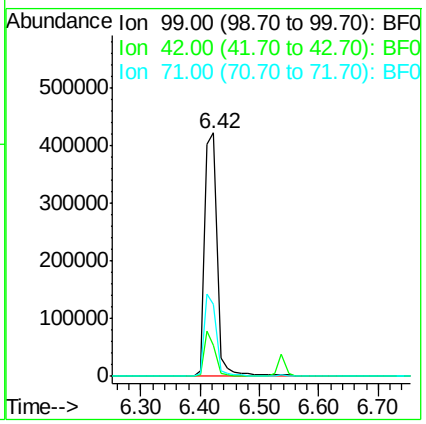


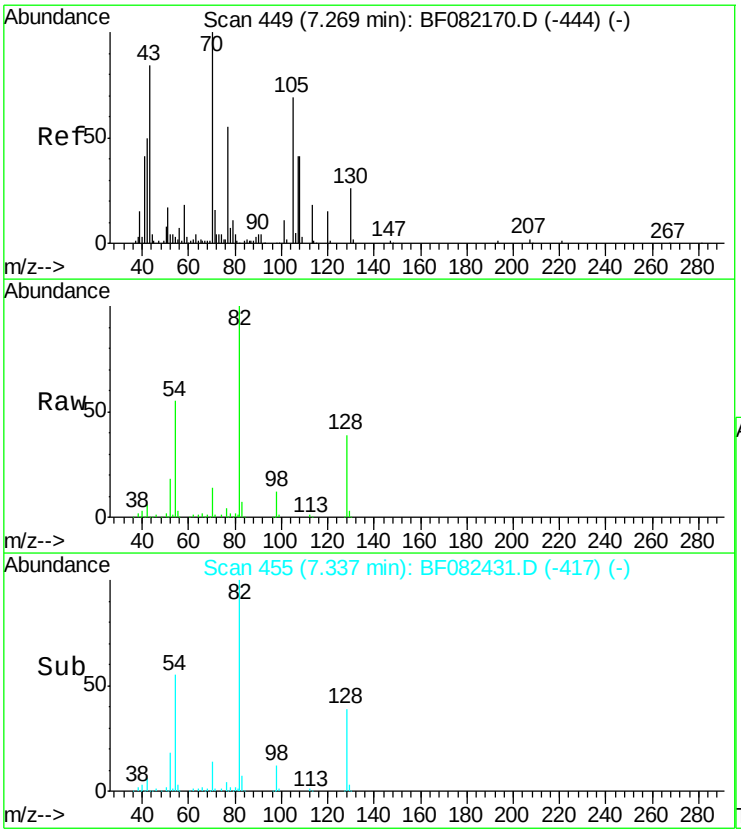
#7
Phenol-d6
Concen: 91.39 ng
RT: 6.42 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tgt Ion: 99 Resp: 630942

Ion	Ratio	Lower	Upper
99	100		
42	12.9	13.2	19.8#
71	29.4	25.6	38.4

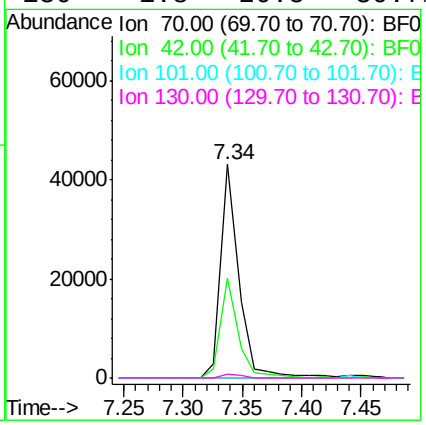


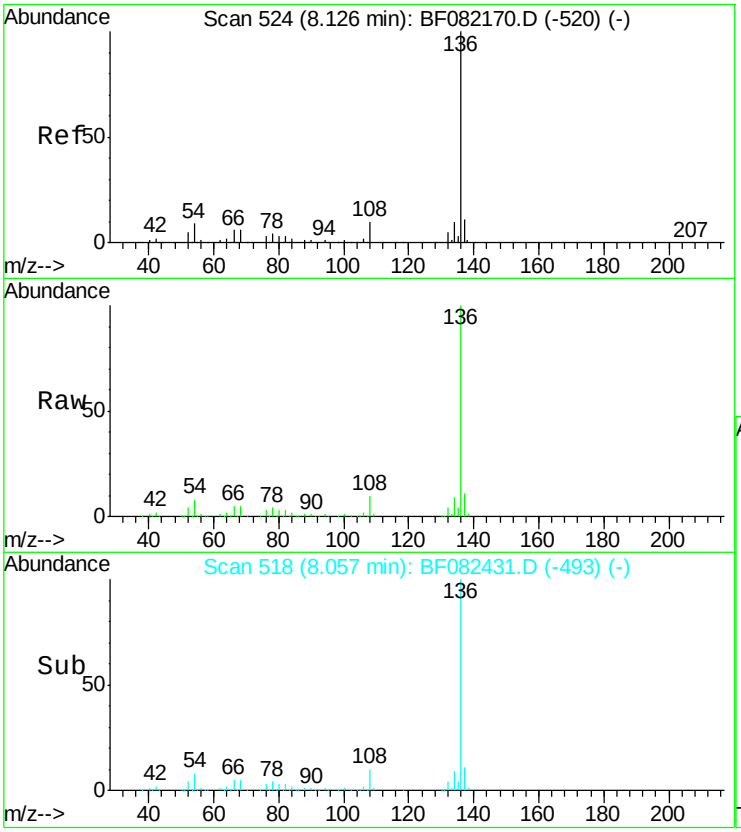


#19
n-Nitroso-di-n-propylamine
Concen: 9.44 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion: 70 Resp: 45753

Ion	Ratio	Lower	Upper
70	100		
42	46.6	39.8	59.8
101	0.0	8.6	13.0#
130	1.8	20.5	30.7#



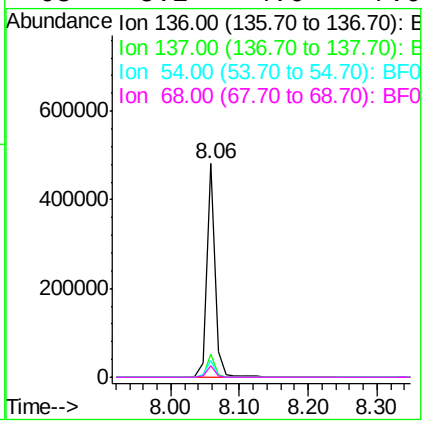


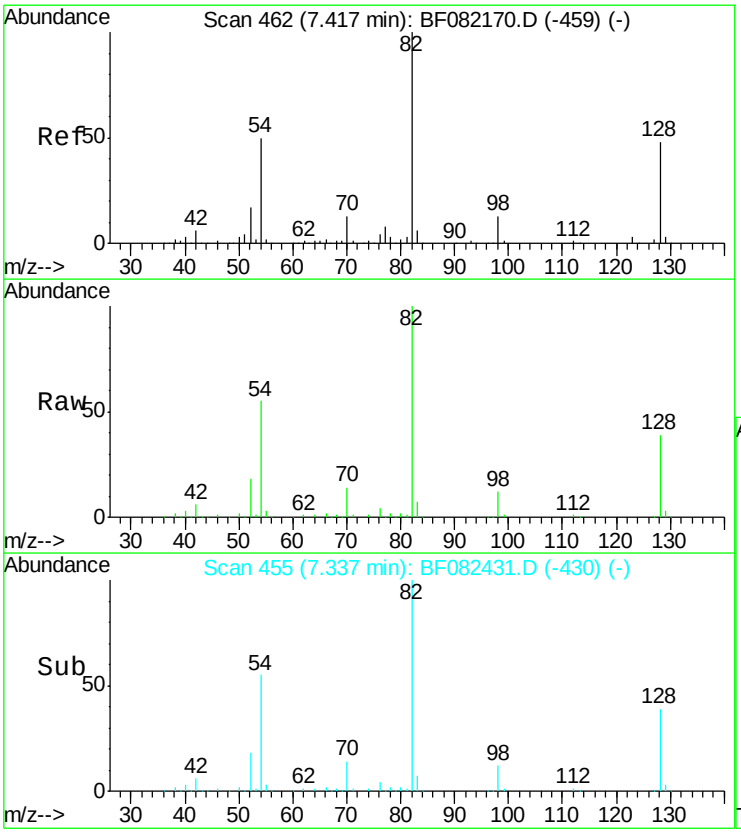
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tgt Ion:136 Resp: 409409

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.1	7.5	11.3
68	5.2	4.6	7.0

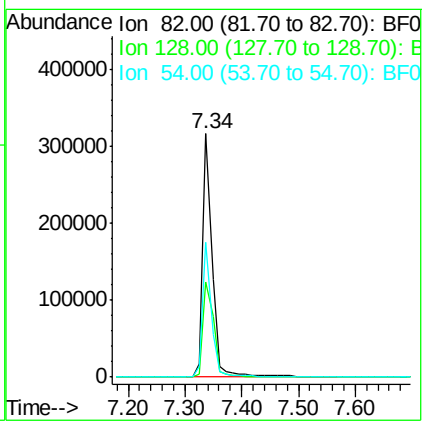


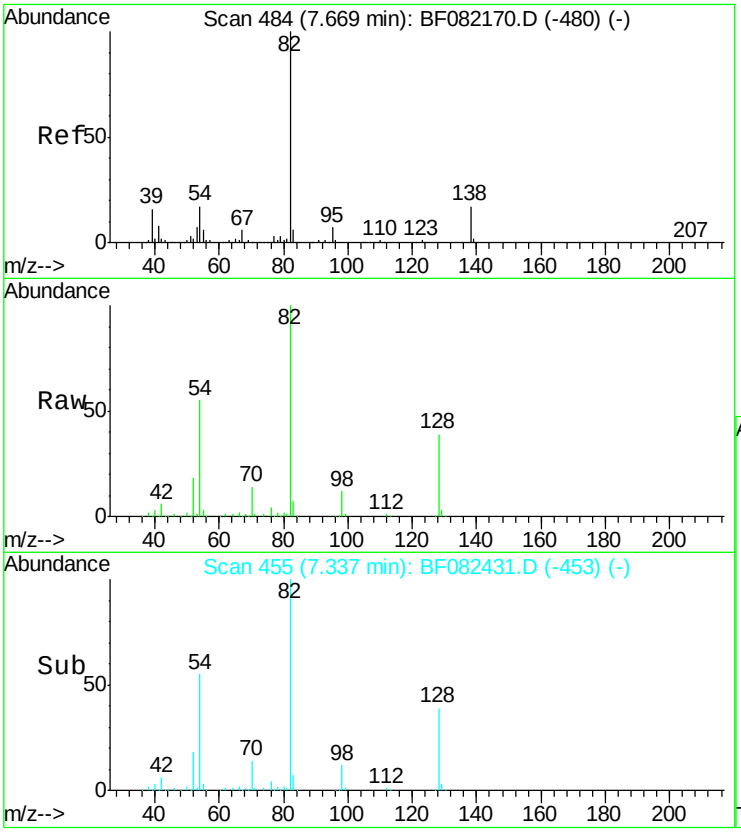


#23
Nitrobenzene-d5
Concen: 57.85 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion: 82 Resp: 352662

Ion	Ratio	Lower	Upper
82	100		
128	39.3	38.7	58.1
54	55.2	40.1	60.1



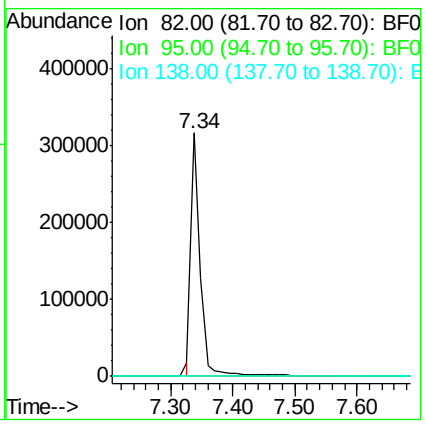


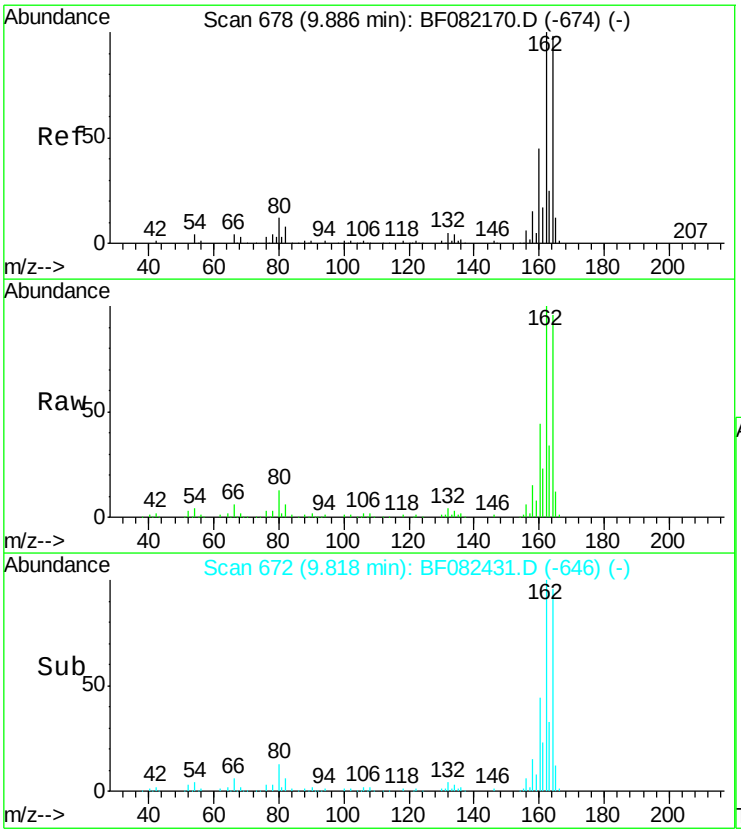
#25
Isophorone
Concen: 26.70 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.27 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tgt Ion: 82 Resp: 328511

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#

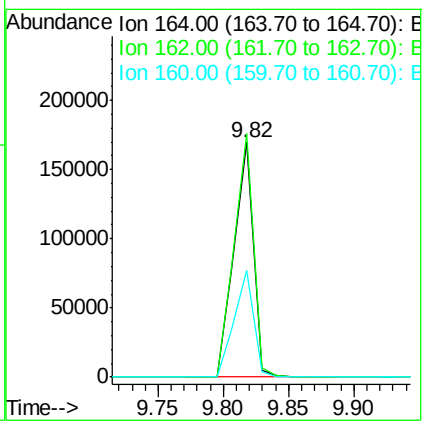


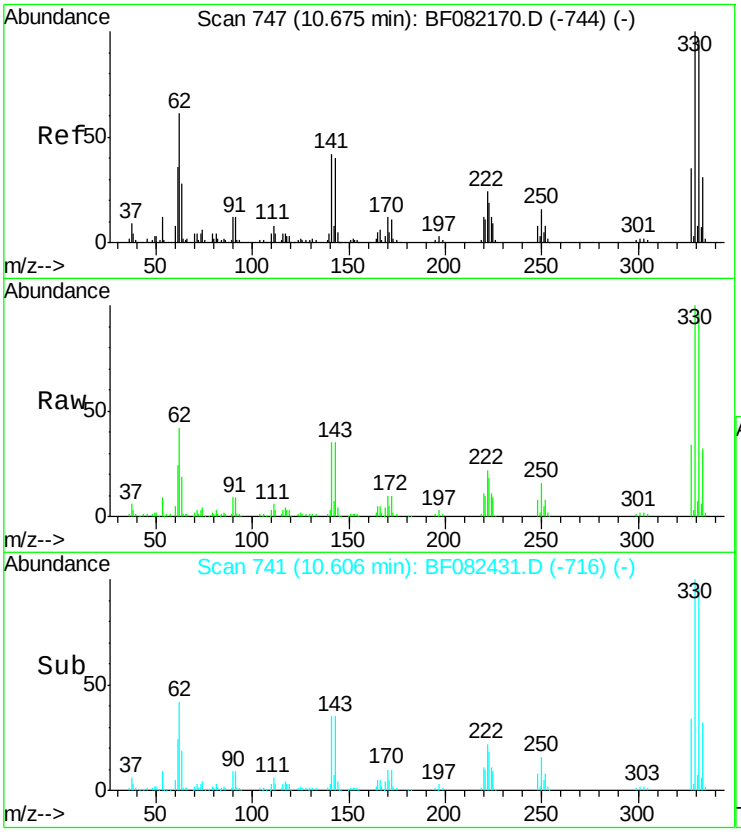


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion:164 Resp: 173594

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.6	122.4
160	45.7	36.4	54.6



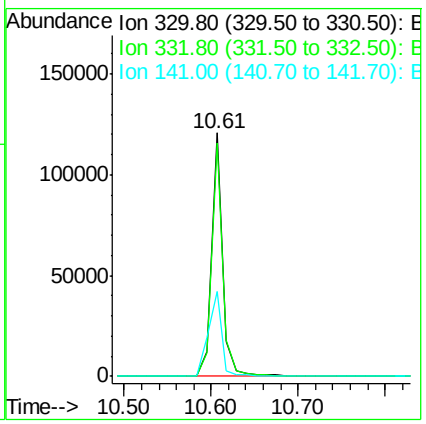


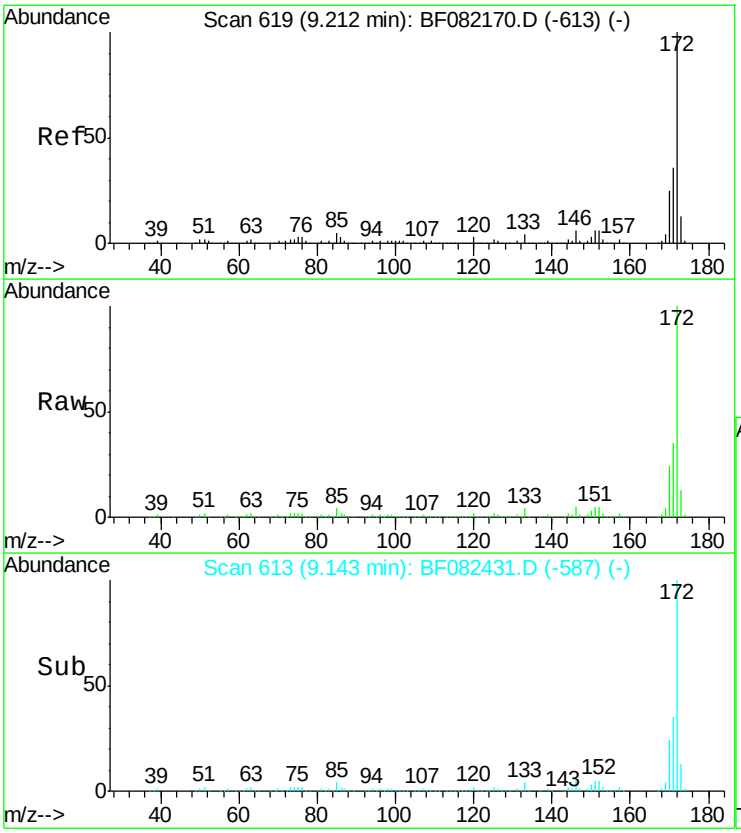
#41
2,4,6-Tribromophenol
Concen: 66.60 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tgt Ion:330 Resp: 108422

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	42.4	29.8	44.8

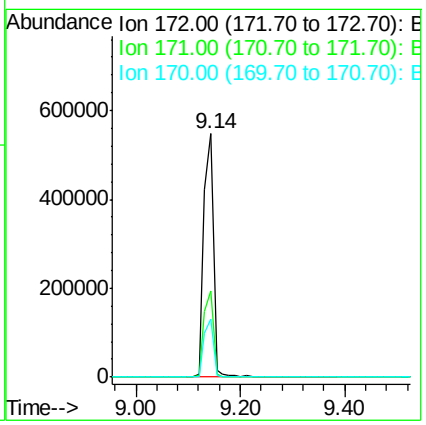


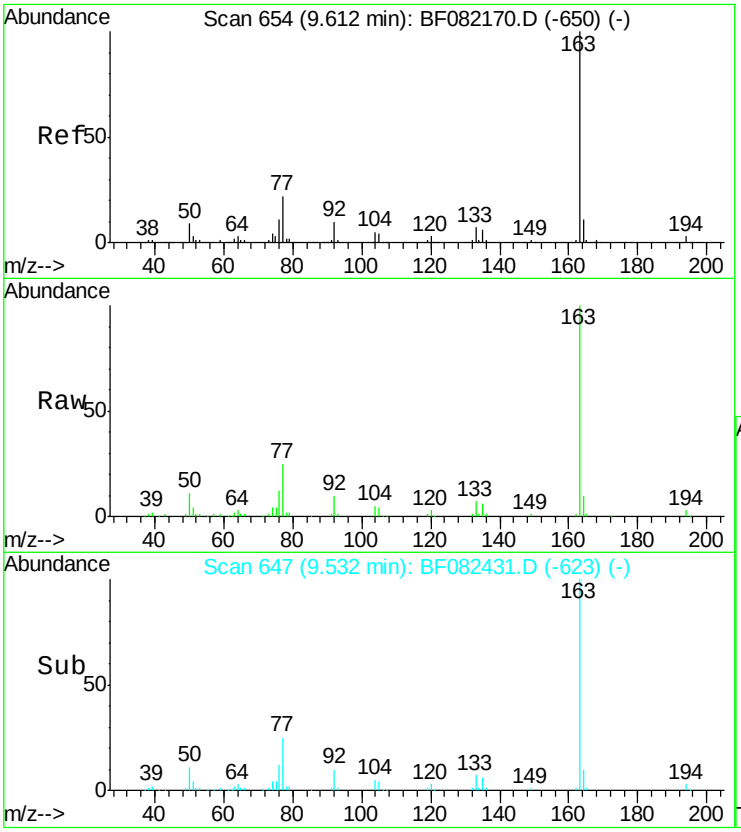


#44
2-Fluorobiphenyl
Concen: 67.01 ng
RT: 9.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion:172 Resp: 701401

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.6	19.7	29.5



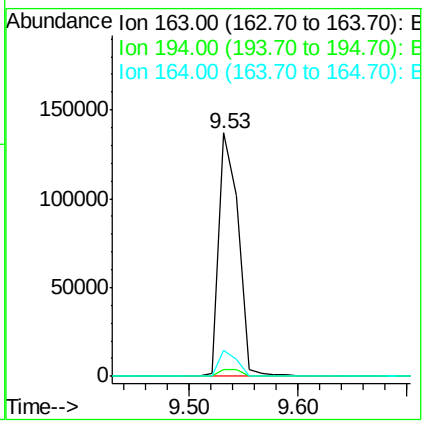


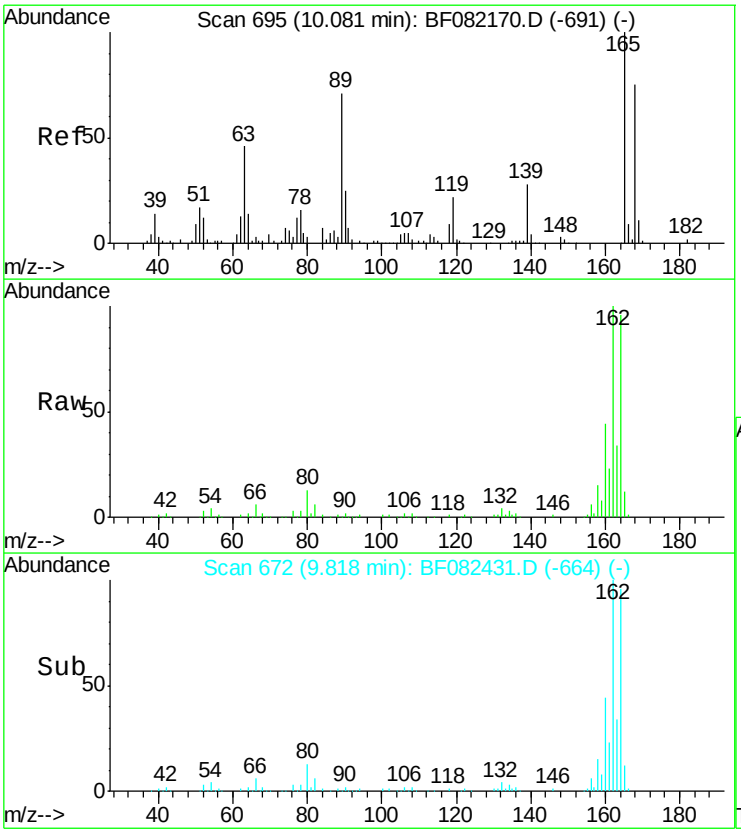
#49
Dimethylphthalate
Concen: 13.93 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tgt Ion:163 Resp: 170292

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.5	8.5	12.7

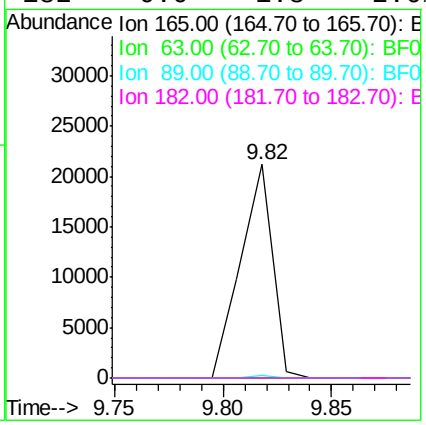


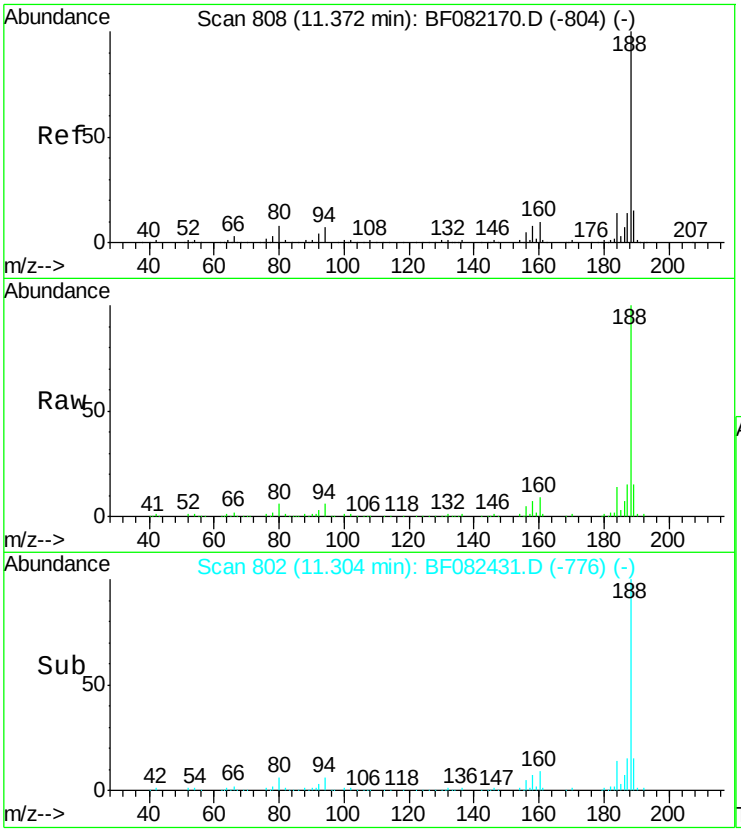


#56
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion:165 Resp: 21740

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	1.5	57.0	85.6#
182	0.0	1.8	2.6#



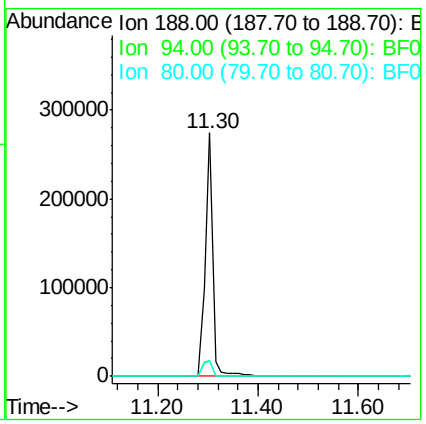


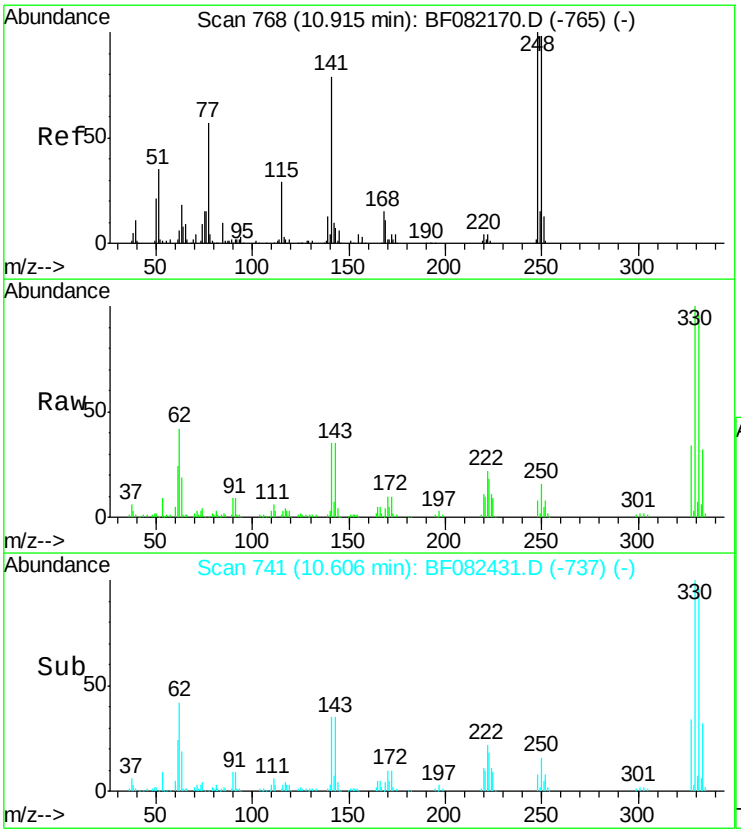
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tgt Ion:188 Resp: 284099

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.8	8.6
80	6.3	6.4	9.6#

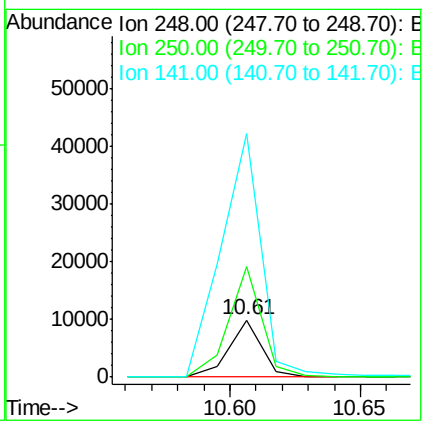


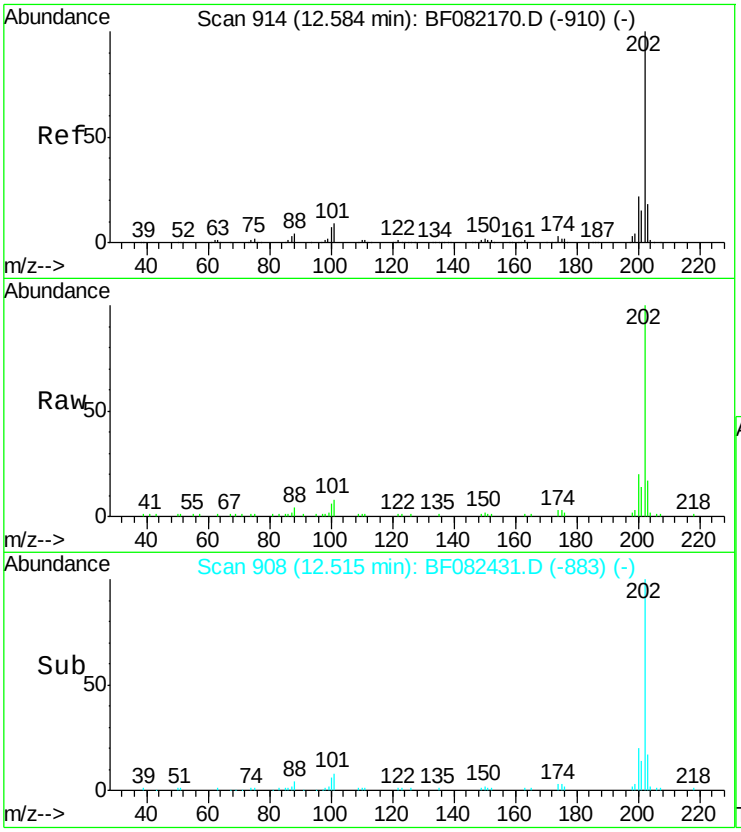


#66
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion:248 Resp: 8669

Ion	Ratio	Lower	Upper
248	100		
250	193.3	78.6	117.8#
141	425.6	63.3	94.9#



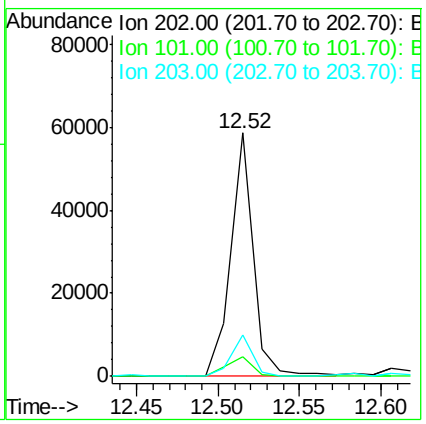


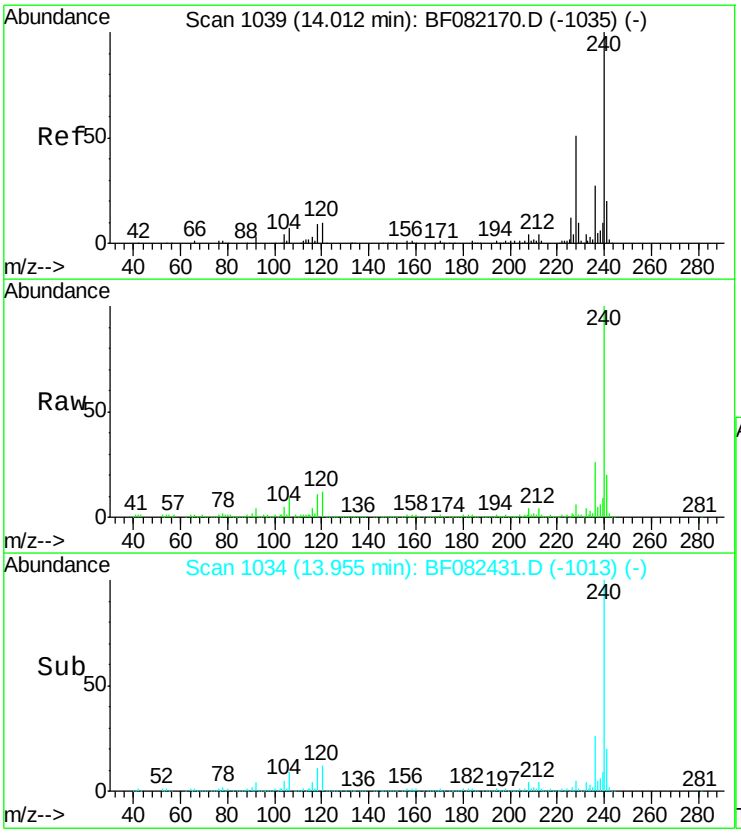
#74
Fluoranthene
Concen: 3.72 ng
RT: 12.52 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tgt Ion:202 Resp: 55638

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	29.3
203	17.0	0.0	37.8

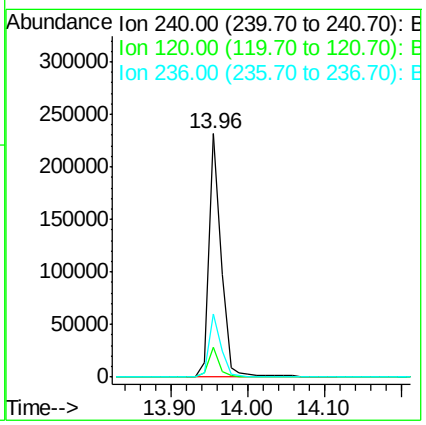


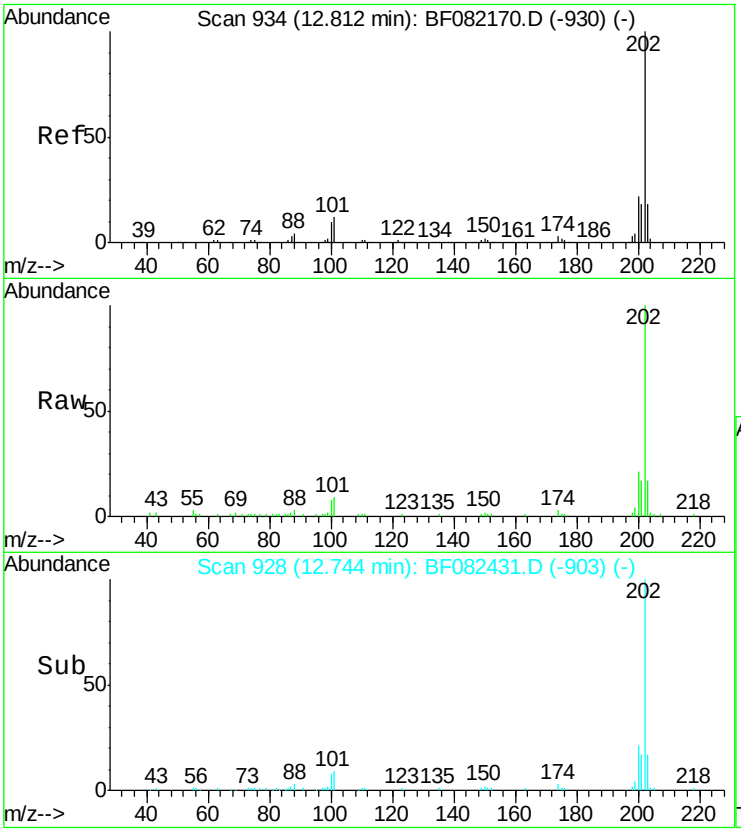


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion:240 Resp: 254963

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.1	12.1#
236	25.9	21.3	31.9



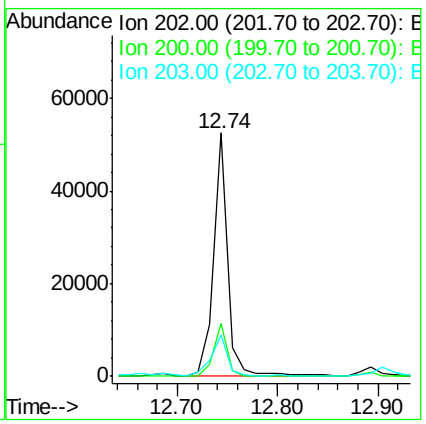


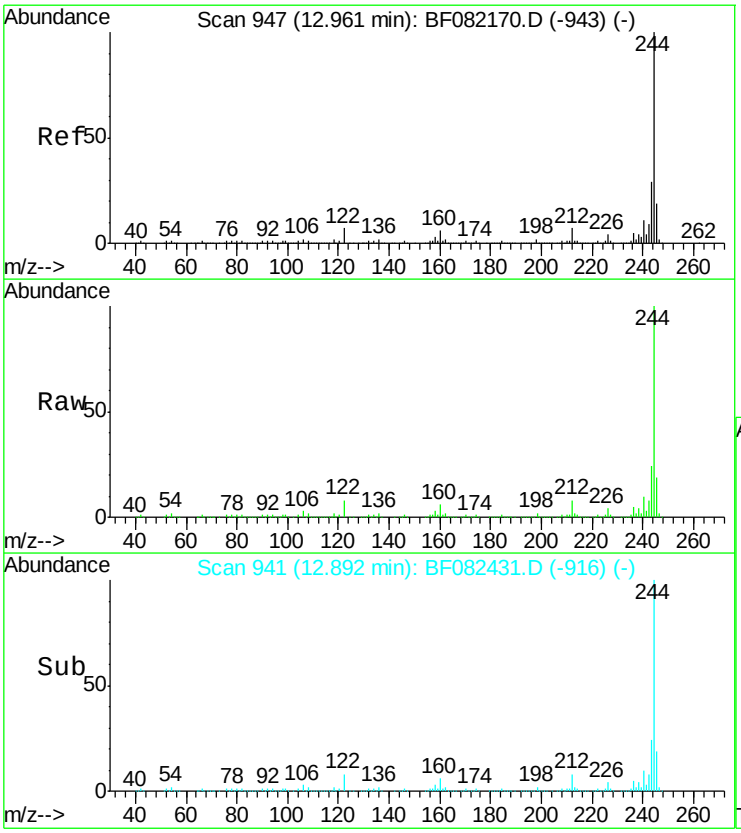
#77
Pyrene
Concen: 3.41 ng
RT: 12.74 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tgt Ion:202 Resp: 51660

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.9	26.9
203	17.0	14.5	21.7

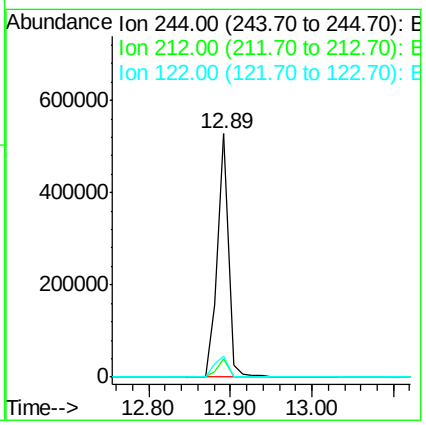


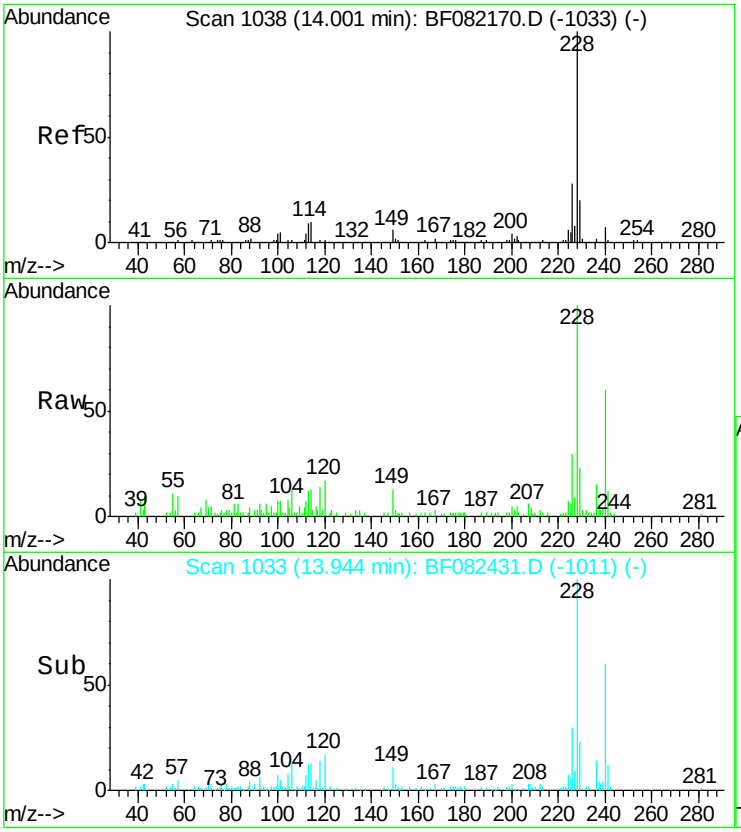


#78
Terphenyl-d14
Concen: 52.17 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion:244 Resp: 501968

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	8.3	5.9	8.9



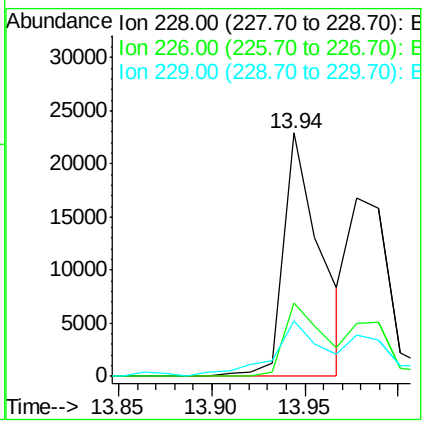


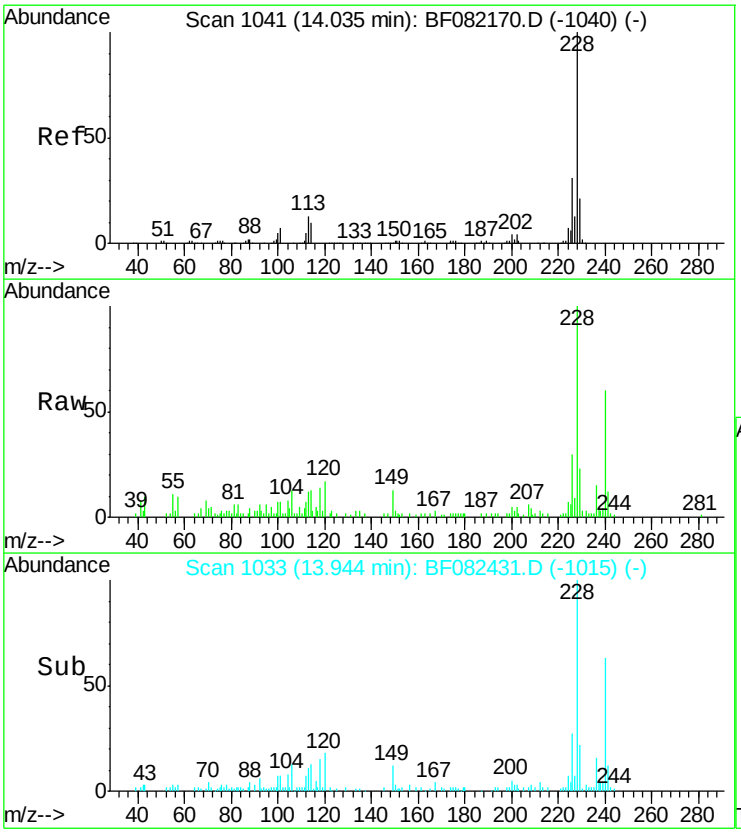
#80
Benzo(a)anthracene
Concen: 2.40 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tgt Ion:228 Resp: 31840

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.3	33.5
229	22.6	16.2	24.2

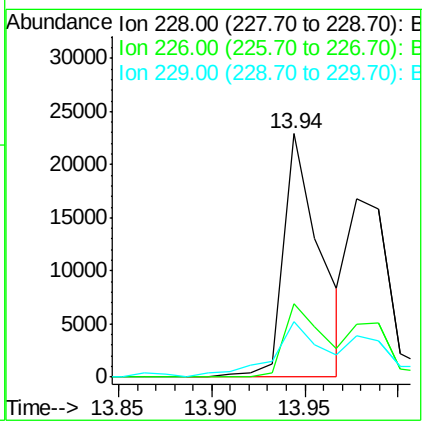


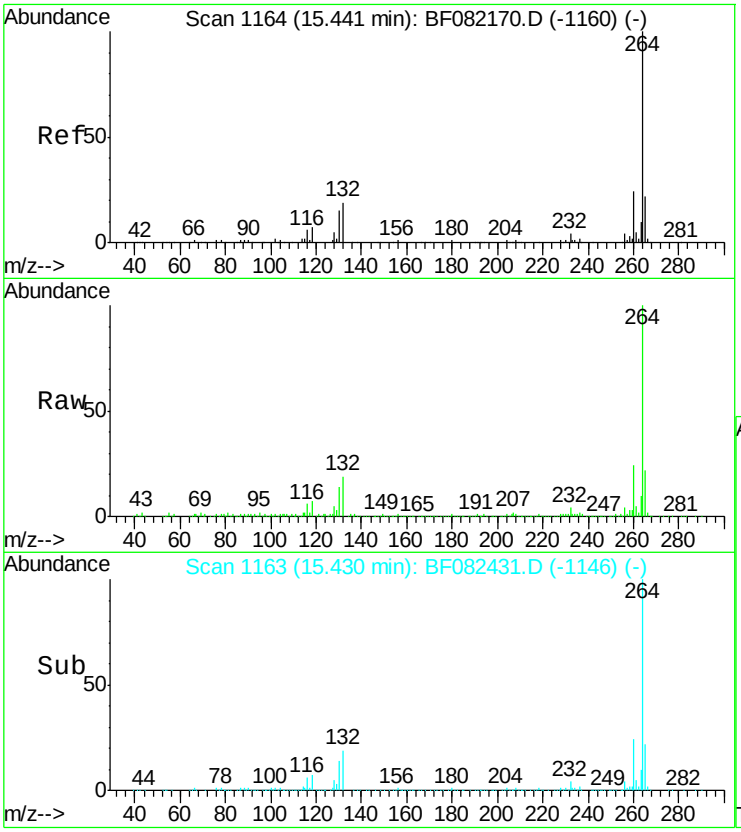


#82
Chrysene
Concen: 2.28 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.09 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion:228 Resp: 31840

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	22.6	16.3	24.5



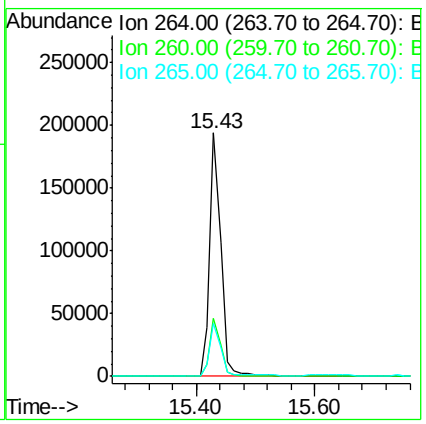


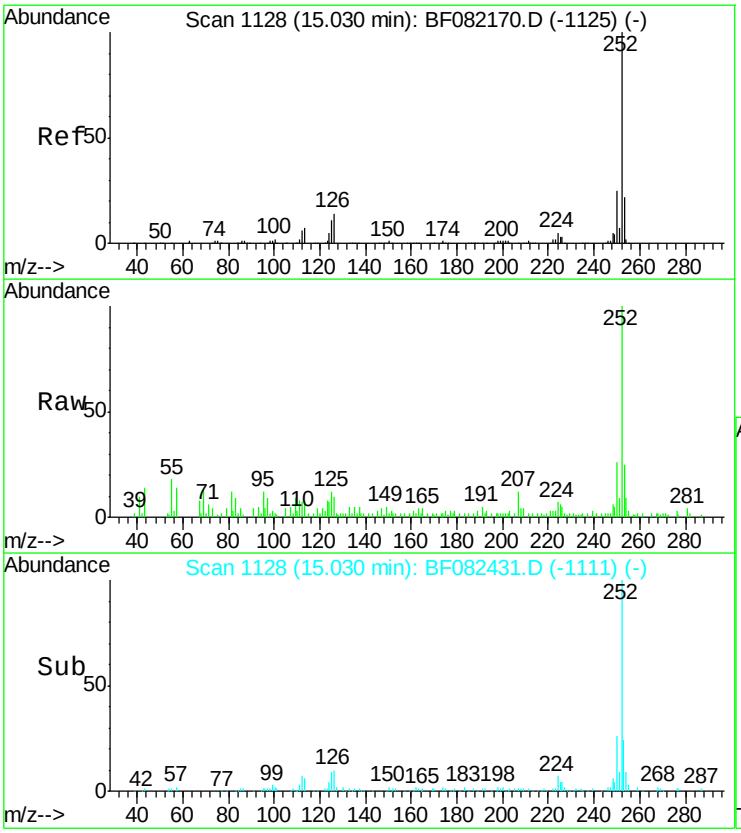
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1163
Delta R.T. -0.10 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tgt Ion:264 Resp: 253861

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.8	17.3	25.9

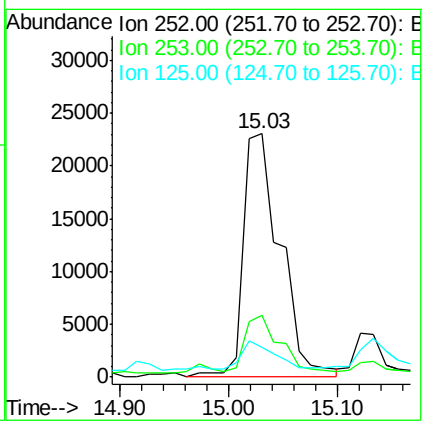


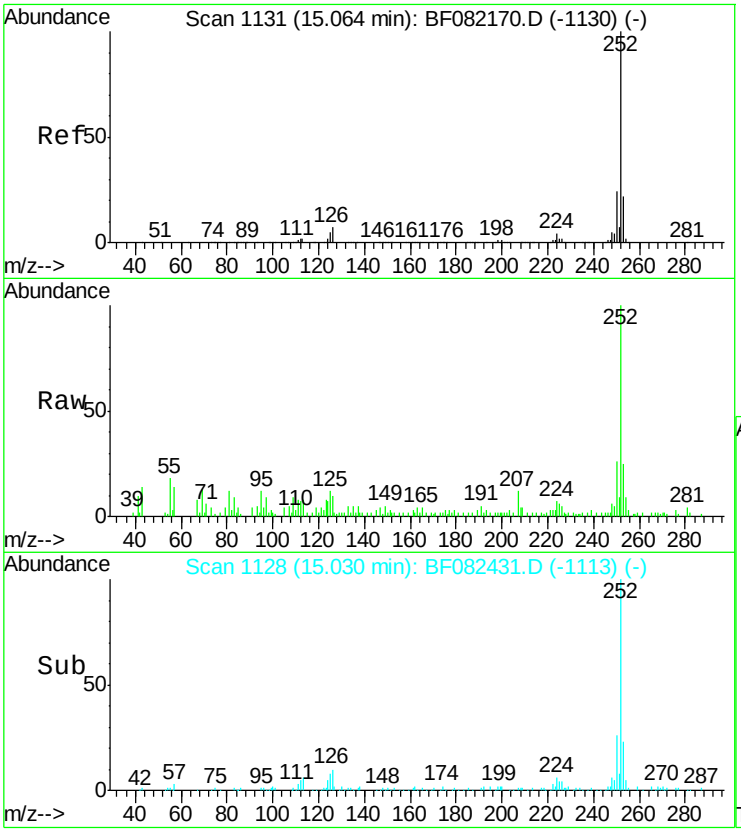


#87
Benzo(b)fluoranthene
Concen: 3.51 ng
RT: 15.03 min Scan# 1128
Delta R.T. -0.10 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Tgt Ion:252 Resp: 54188

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	12.3	8.6	12.8





#88
Benzo(k)fluoranthene
Concen: 4.17 ng
RT: 15.03 min Scan# 1128
Delta R.T. -0.13 min
Lab File: BF082431.D
Acq: 22 Oct 2015 5:06

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Tgt Ion:252 Resp: 54188

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.6
125	12.3	6.7	10.1#