Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082425.D
Acq On : 22 Oct 2015 2:12
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB3-01(0-2)

Quant Time: Oct 22 12:08:30 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	100685	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	384781	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	175865	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	318533	20.00	ng		0.00
75) Chrysene-d12	13.96	240	223124	20.00	ng		-0.06
86) Perylene-d12	15.44	264	203377	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	663418	132.98	ng		0.01
7) Phenol-d6	6.41	99	860675	132.57	ng		-0.01
23) Nitrobenzene-d5	7.34	82	506326	88.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	178825	108.43	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	1094214	103.18	ng		0.00
78) Terphenyl-d14	12.89	244	858825	102.00	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.53	163	224348	18.12	ng		100
51) Acenaphthene	9.84	154	22444	2.27	ng		99
70) Phenanthrene	11.33	178	162149	10.39	ng		97
71) Anthracene	11.37	178	44961	2.79	ng		98
74) Fluoranthene	12.51	202	213483	12.73	ng		96
77) Pyrene	12.74	202	174825	13.20	ng		98
80) Benzo(a)anthracene	13.94	228	76469	6.59	ng		99
82) Chrysene	13.99	228	67047	5.48	ng		98
85) Indeno(1,2,3-cd)pyrene	16.82	276	45408	4.67	ng	#	90
87) Benzo(b)fluoranthene	15.03	252	80273m	6.49	ng		
88) Benzo(k)fluoranthene	15.04	252	37752m	3.63	ng		
89) Benzo(a)pyrene	15.37	252	57745	5.43	ng	#	94
91) Benzo(g,h,i)perylene	17.25	276	44051	5.20	ng	#	92

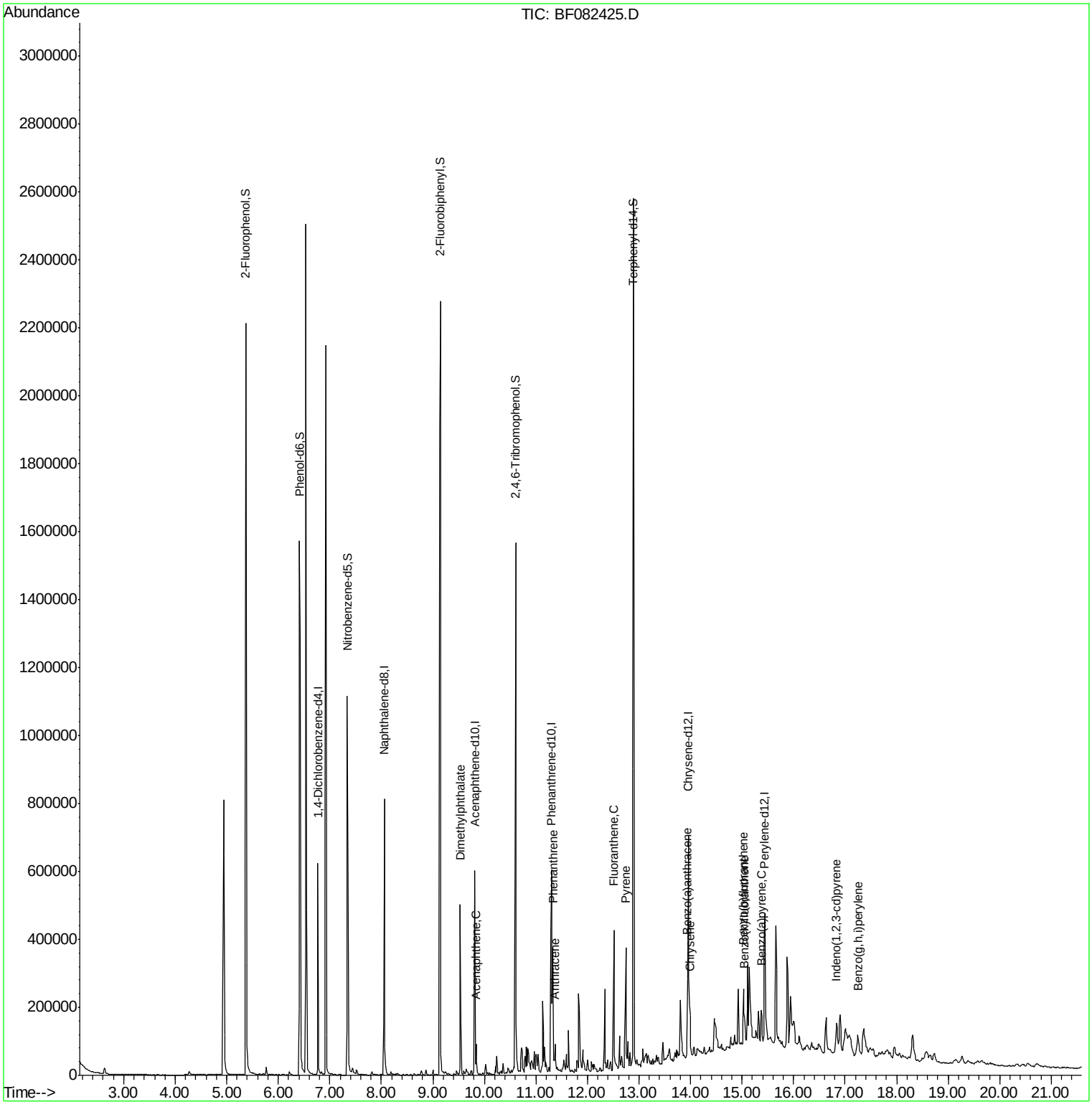
(#) = qualifier out of range (m) = manual integration (+) = signals summed

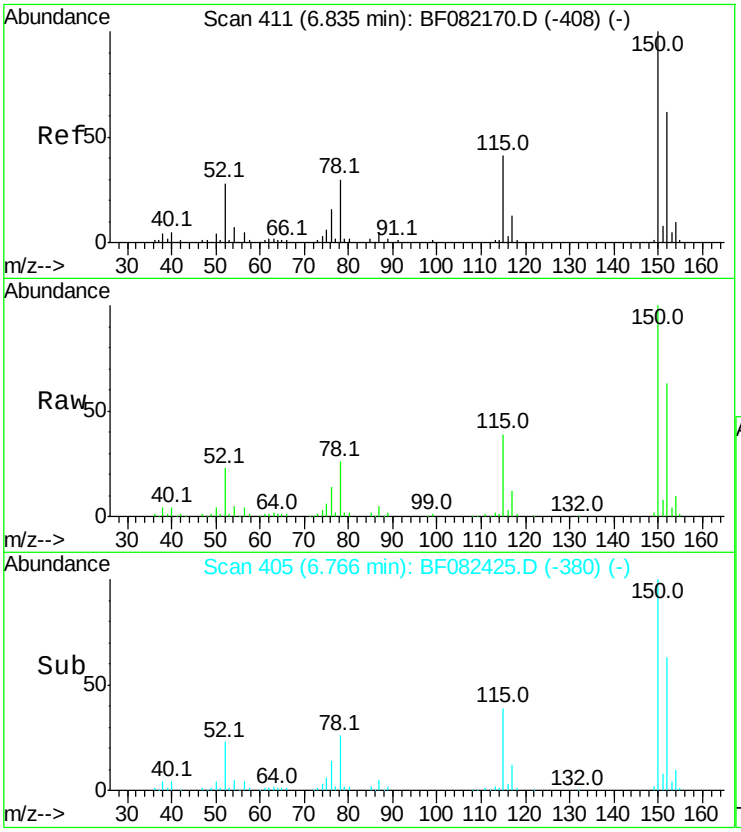
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082425.D
Acq On : 22 Oct 2015 2:12
Operator : UM/IZ
Sample : G4116-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Quant Time: Oct 22 12:08:30 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



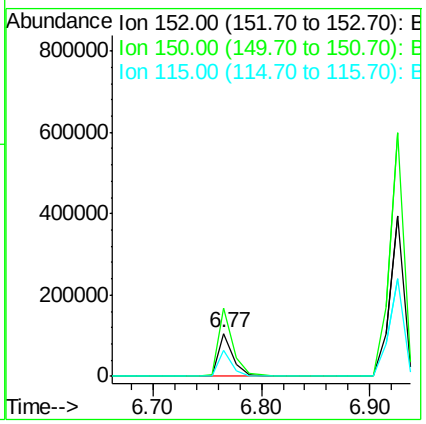


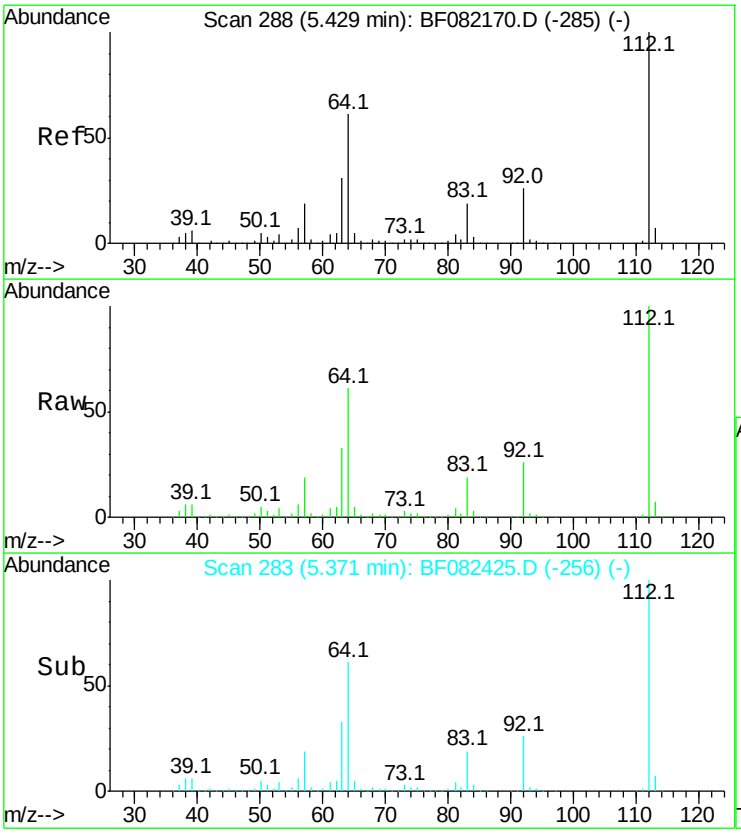
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:152 Resp: 100685

Ion	Ratio	Lower	Upper
152	100		
150	159.4	129.0	193.4
115	61.4	52.1	78.1

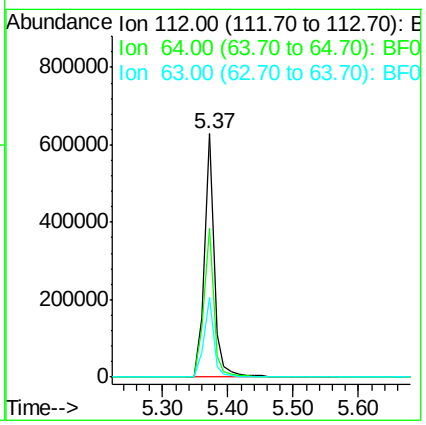


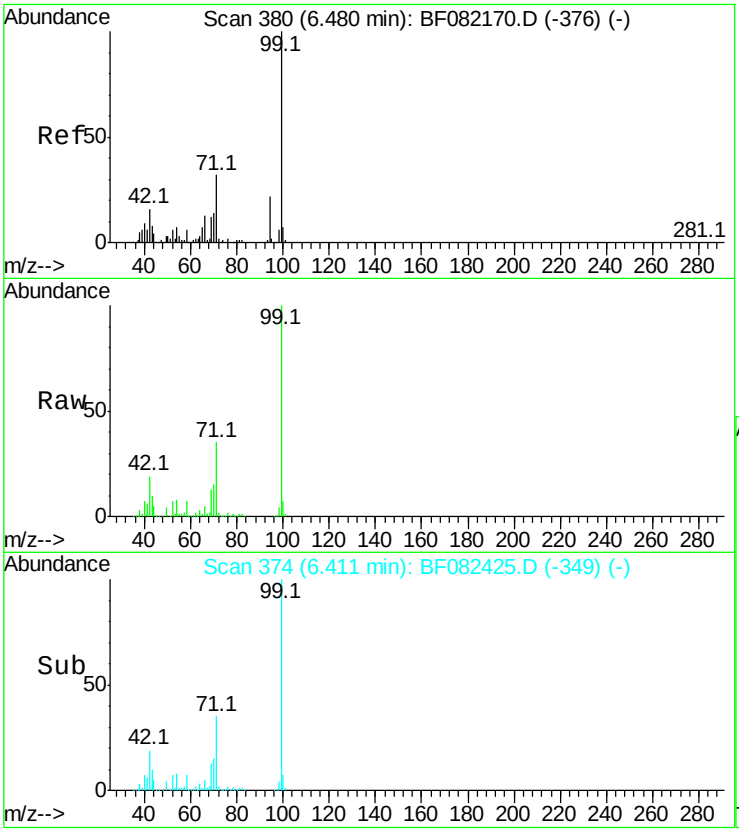


#5
2-Fluorophenol
Concen: 132.98 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Tgt Ion:112 Resp: 663418

Ion	Ratio	Lower	Upper
112	100		
64	61.4	48.6	73.0
63	32.7	25.1	37.7



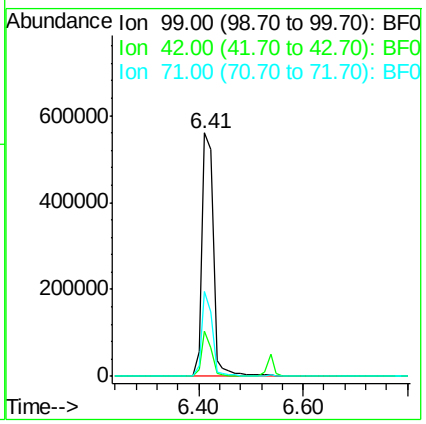


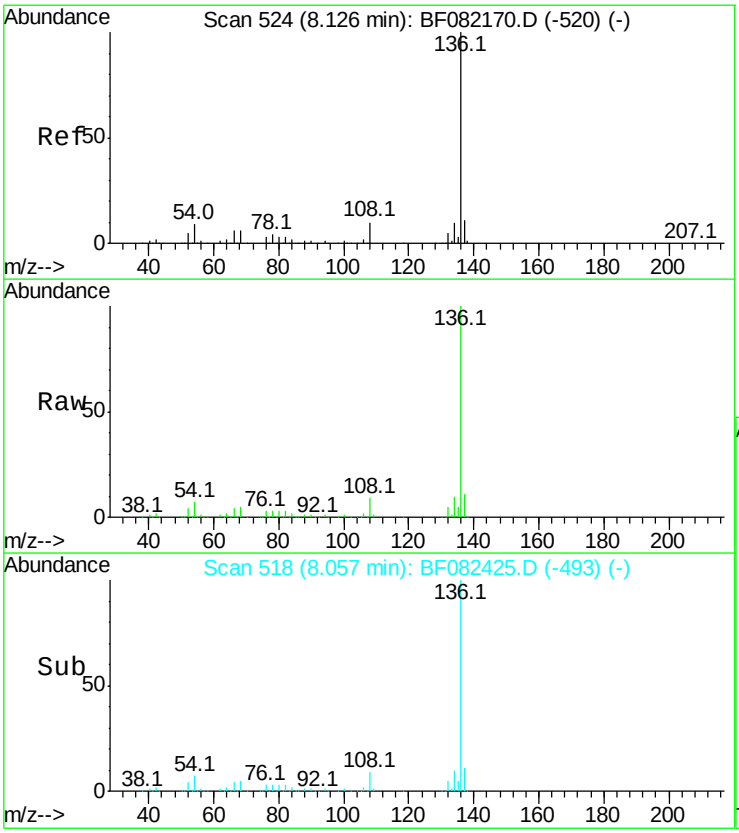
#7
Phenol-d6
Concen: 132.57 ng
RT: 6.41 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion: 99 Resp: 860675

Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.2	19.8
71	34.9	25.6	38.4

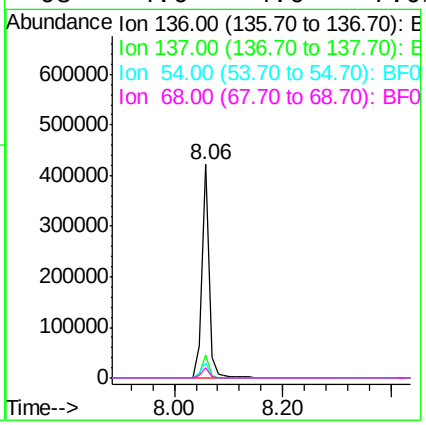


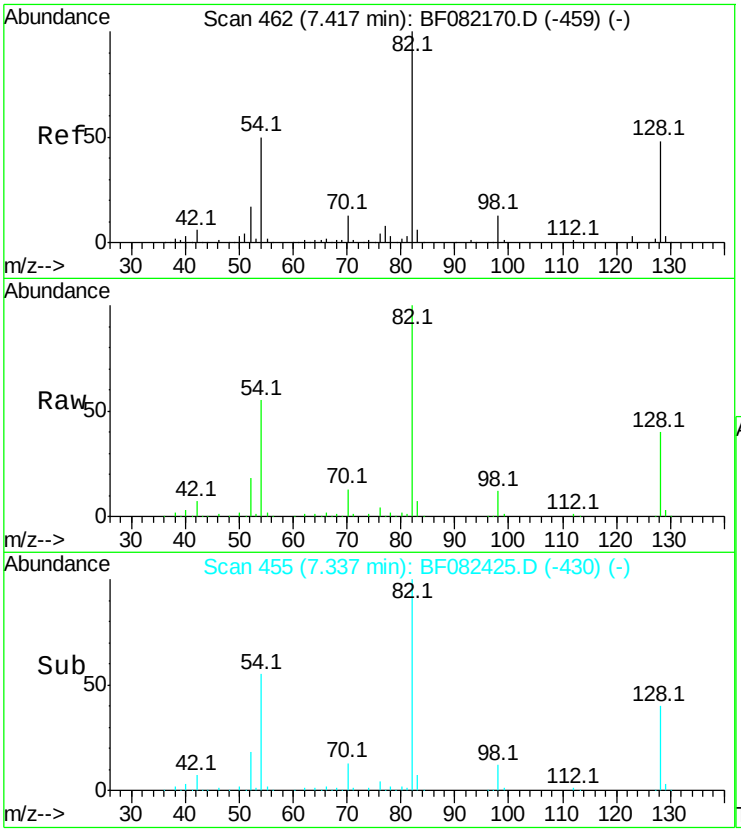


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Tgt Ion:136 Resp: 384781

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.2	7.5	11.3#
68	4.6	4.6	7.0#



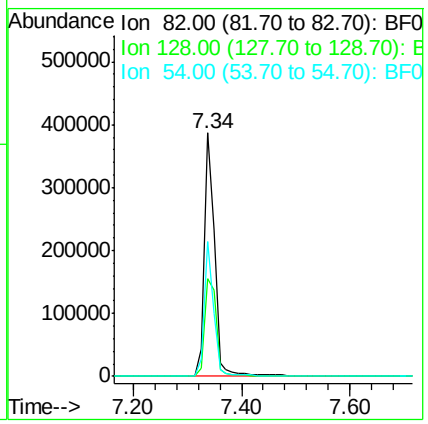


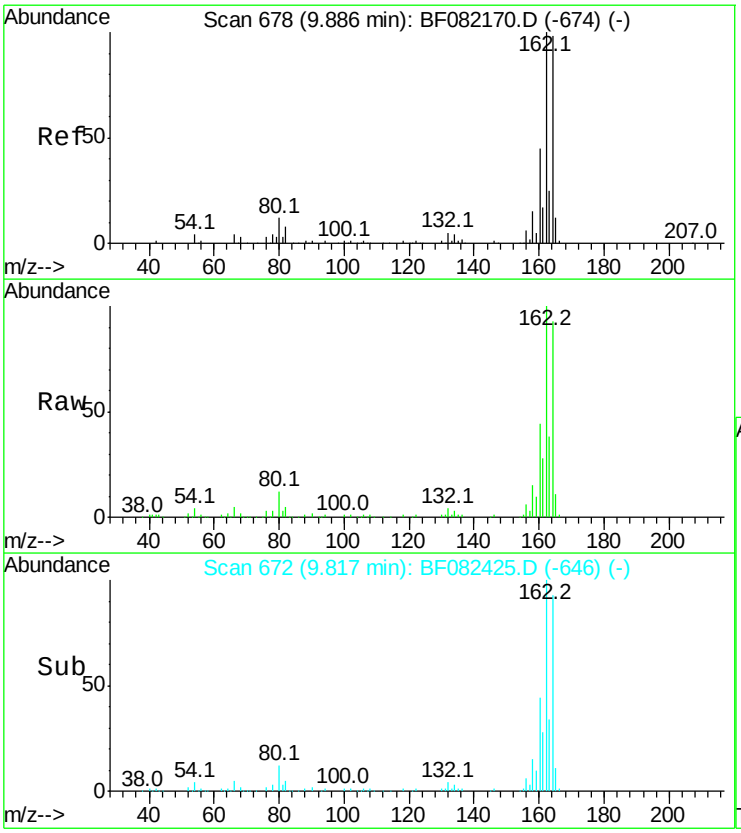
#23
Nitrobenzene-d5
Concen: 88.37 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion: 82 Resp: 506326

Ion	Ratio	Lower	Upper
82	100		
128	40.2	38.7	58.1
54	55.4	40.1	60.1

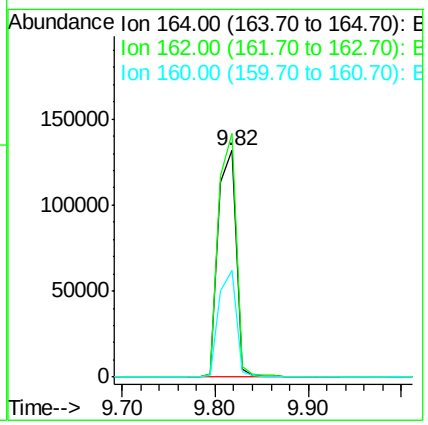


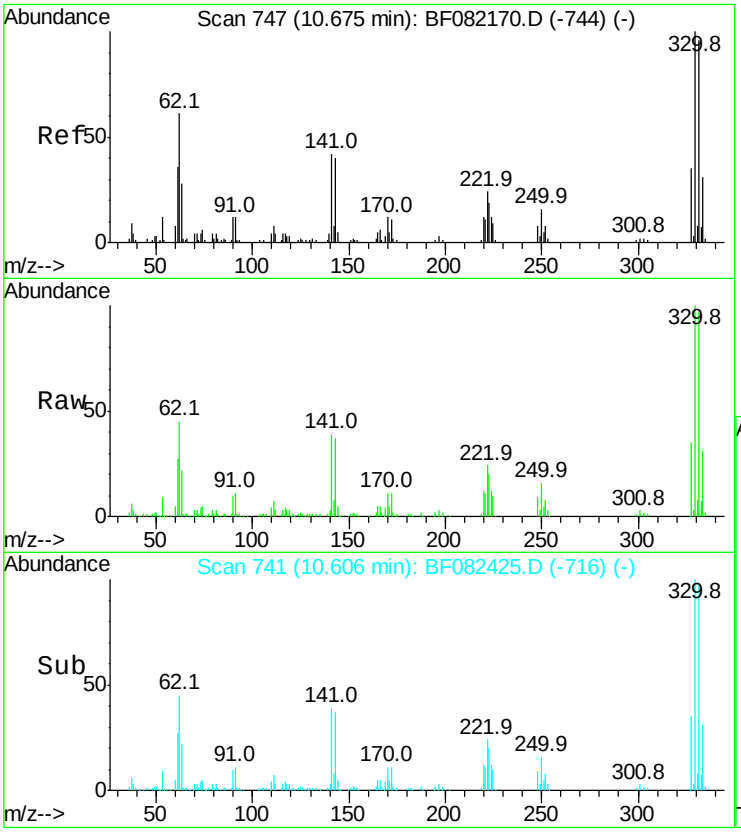


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Tgt Ion:164 Resp: 175865

Ion	Ratio	Lower	Upper
164	100		
162	107.4	81.6	122.4
160	47.2	36.4	54.6



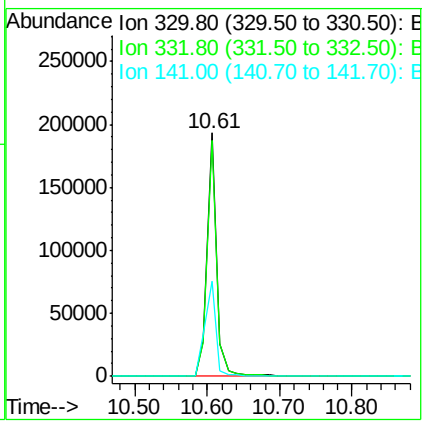


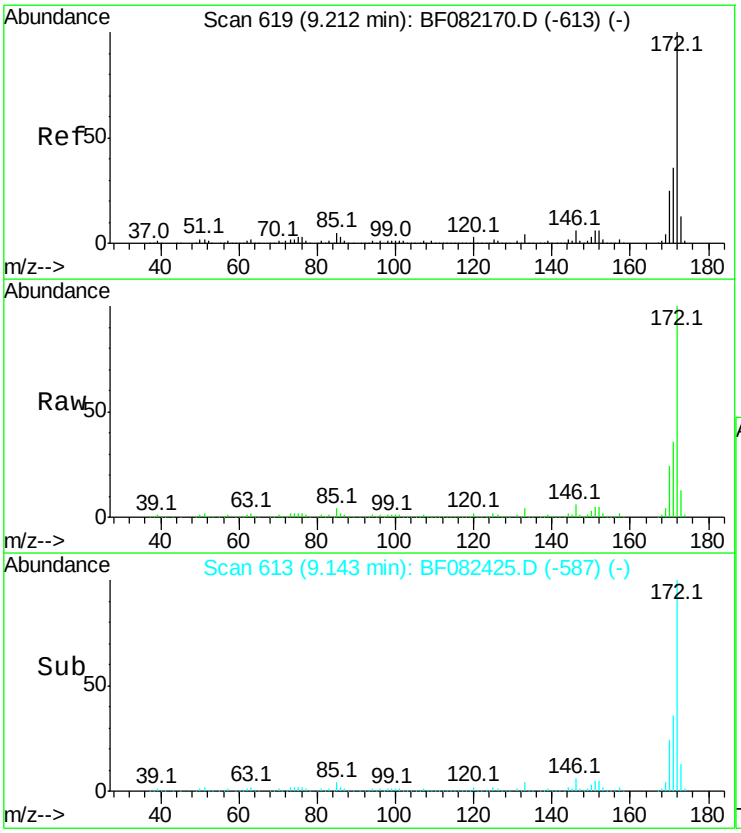
#41
2,4,6-Tribromophenol
Concen: 108.43 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:330 Resp: 178825

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.1	115.7
141	45.2	29.8	44.8#

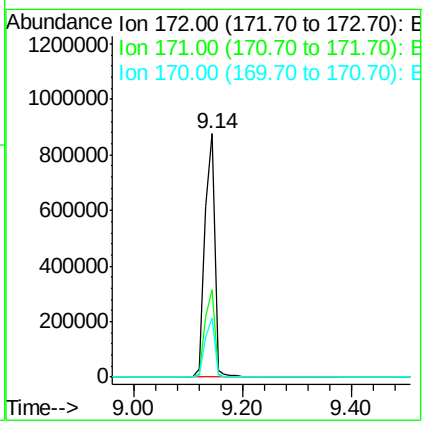


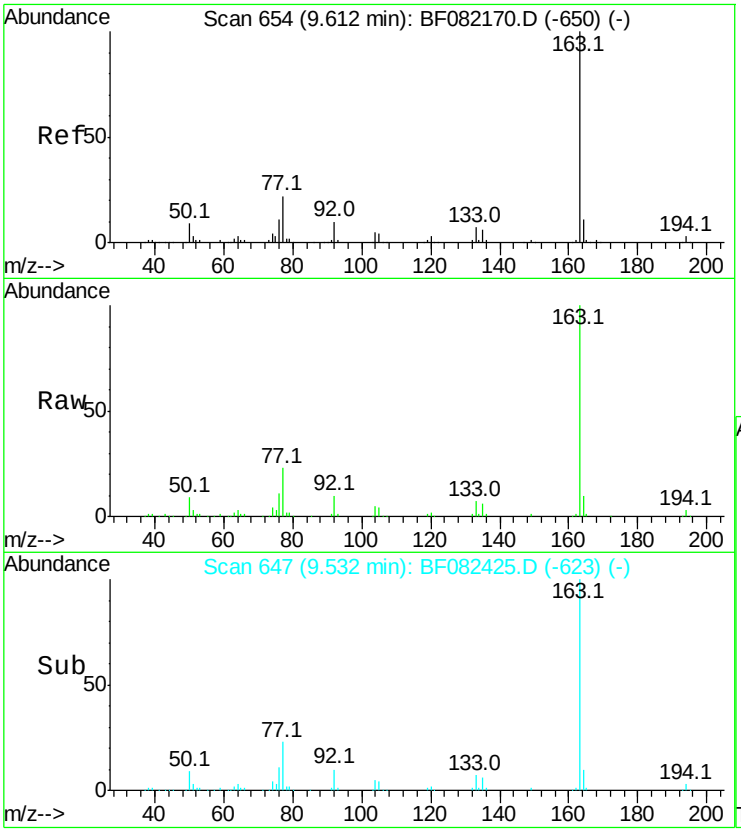


#44
2-Fluorobiphenyl
Concen: 103.18 ng
RT: 9.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Tgt Ion:172 Resp: 1094214

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	24.4	19.7	29.5



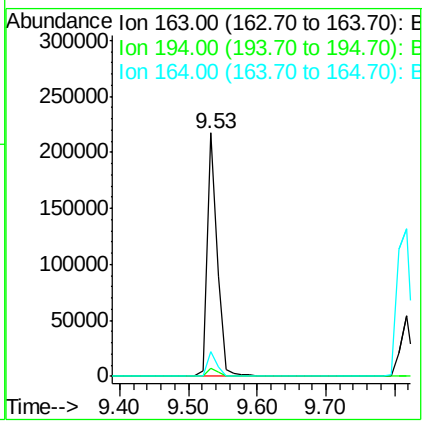


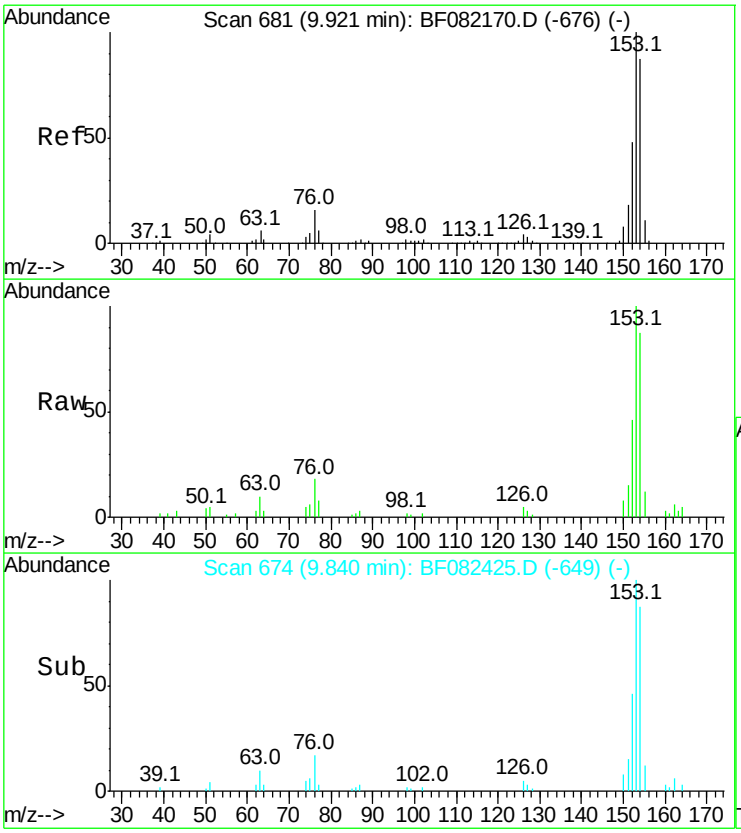
#49
Dimethylphthalate
Concen: 18.12 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:163 Resp: 224348

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.4	8.5	12.7

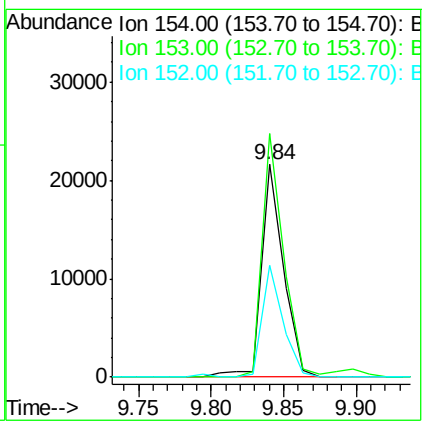


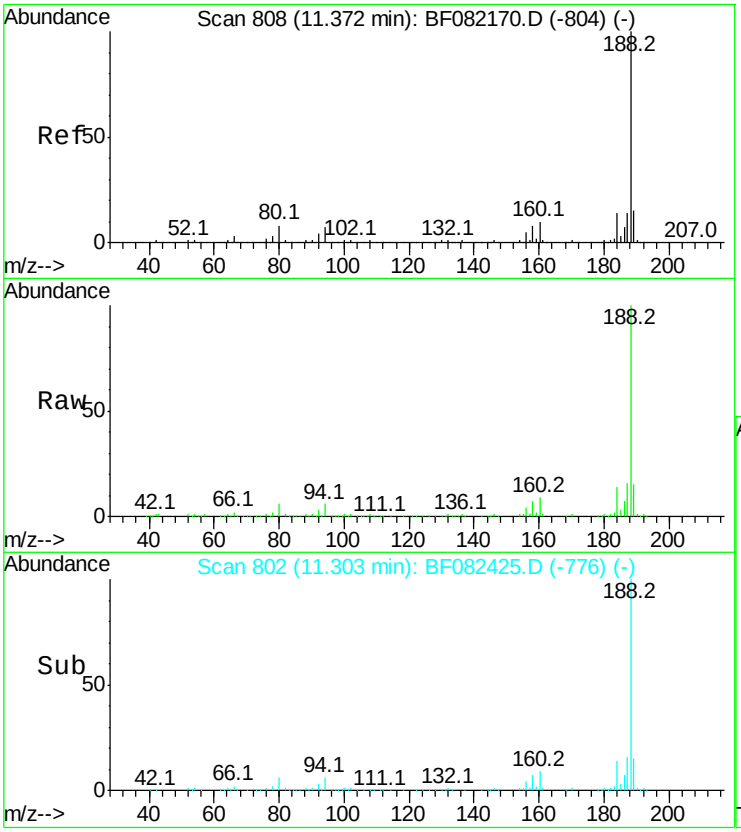


#51
Acenaphthene
Concen: 2.27 ng
RT: 9.84 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Tgt Ion:154 Resp: 22444

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.4	137.2
152	52.7	44.3	66.5



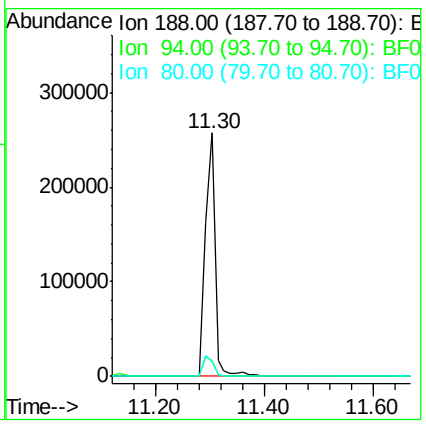


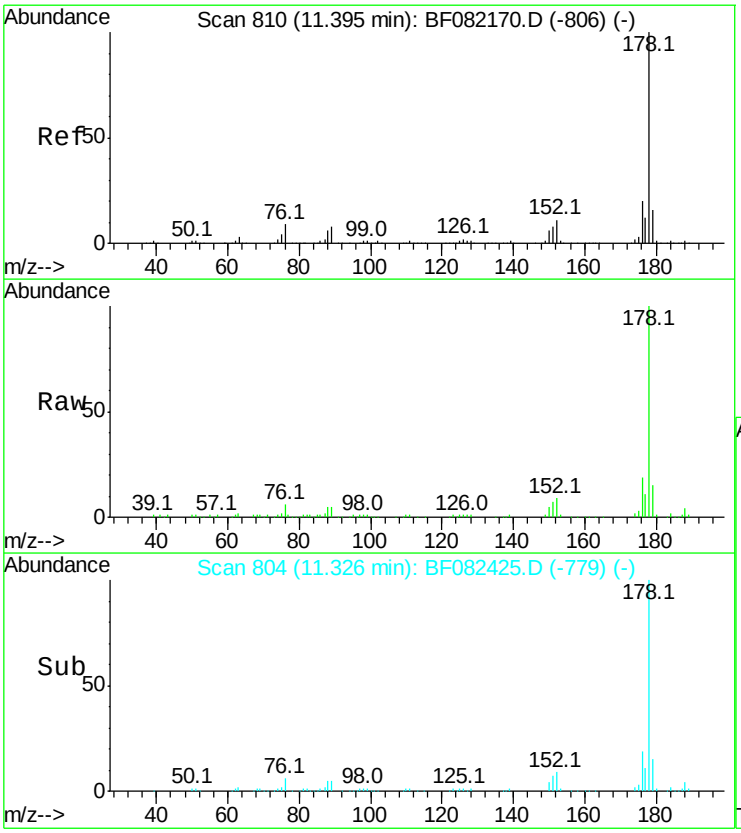
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:188 Resp: 318533

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.8	8.6
80	6.2	6.4	9.6#

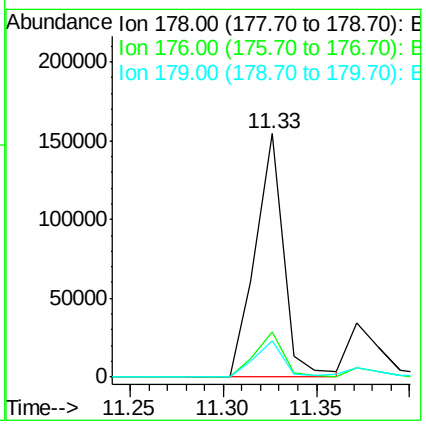


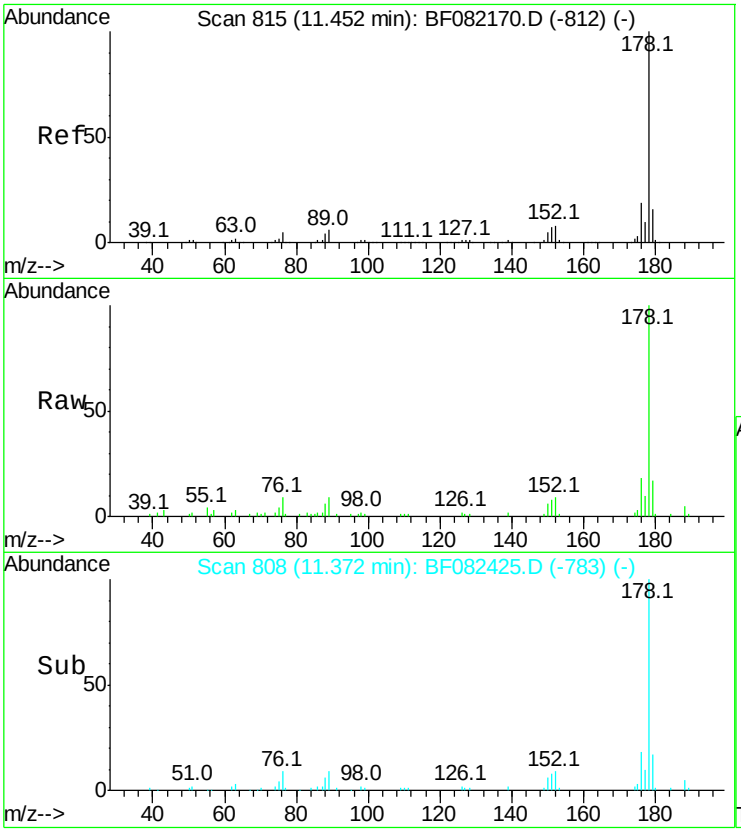


#70
Phenanthrene
Concen: 10.39 ng
RT: 11.33 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Tgt Ion:178 Resp: 162149

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.0	24.0
179	14.9	12.6	19.0

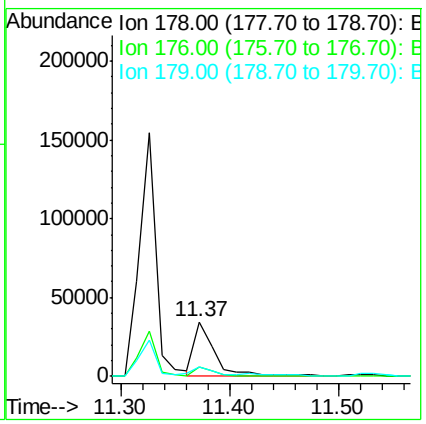




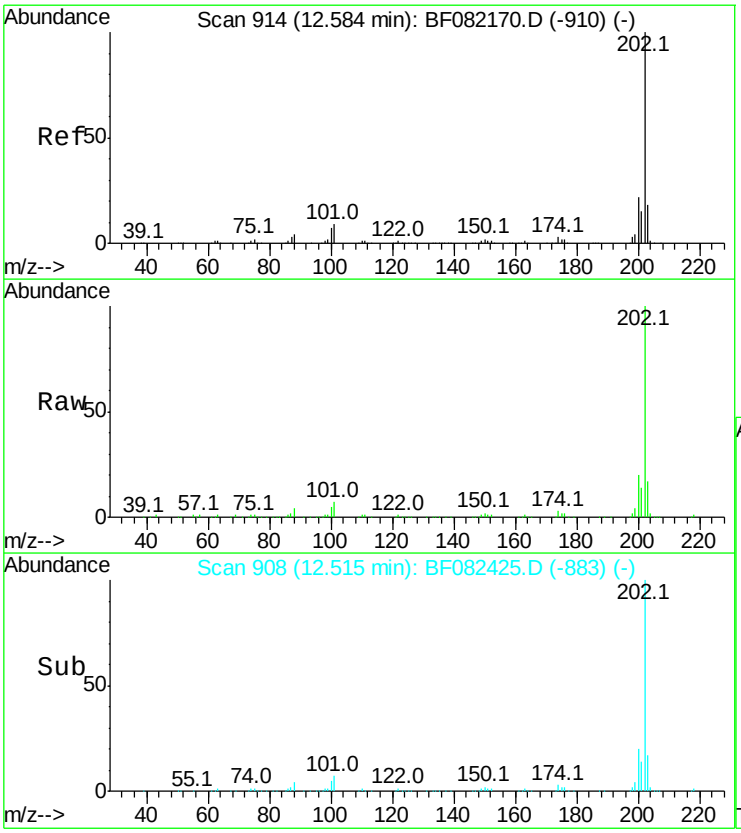
#71
Anthracene
Concen: 2.79 ng
RT: 11.37 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Tgt Ion:178 Resp: 44961

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	16.8	12.5	18.7



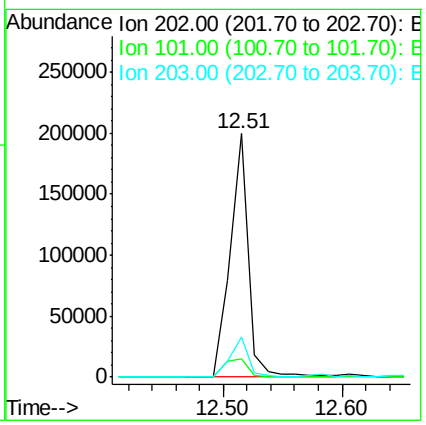
Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

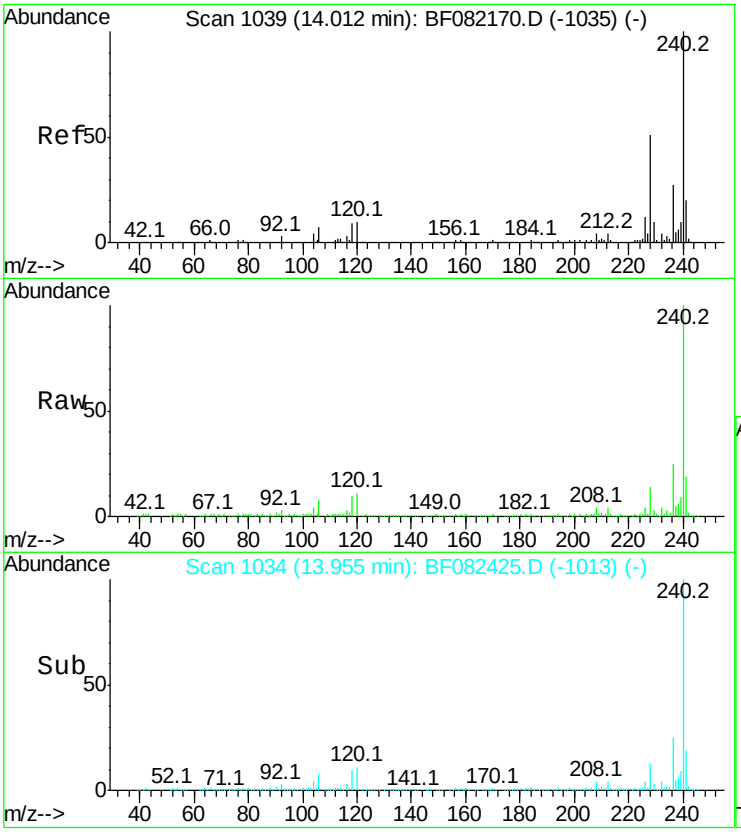


#74
Fluoranthene
Concen: 12.73 ng
RT: 12.51 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Tgt Ion:202 Resp: 213483

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	29.3
203	16.5	0.0	37.8



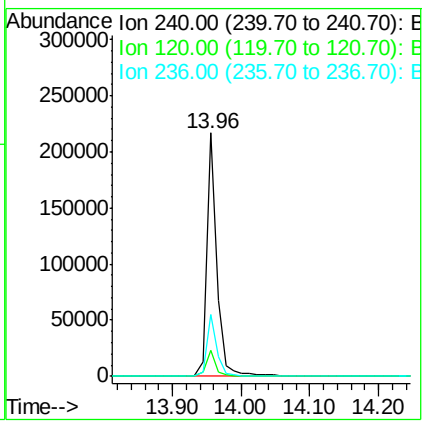


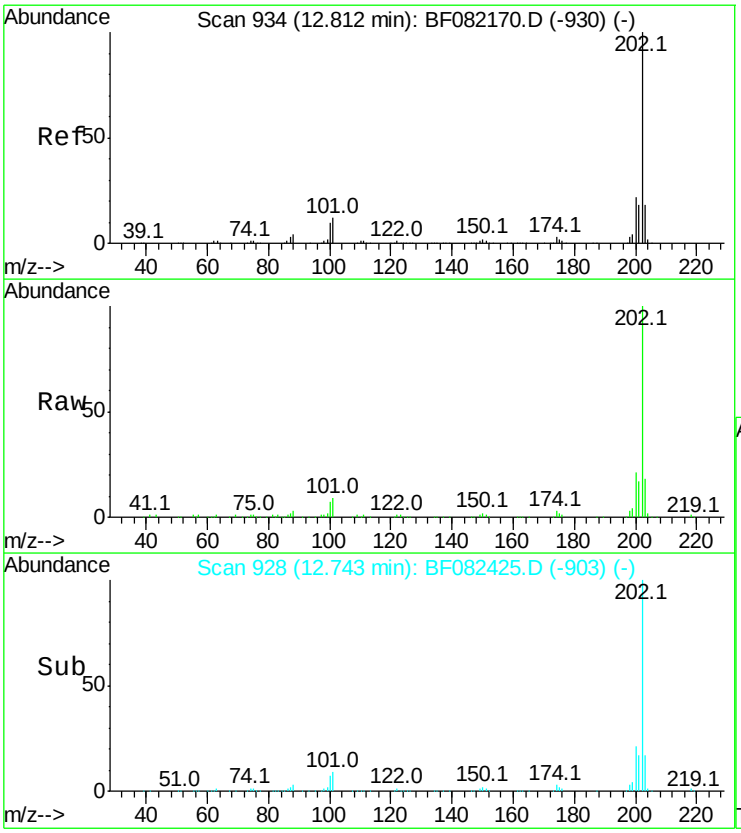
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:240 Resp: 223124

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	25.2	21.3	31.9

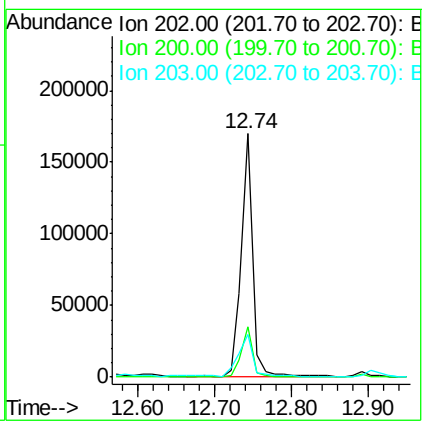


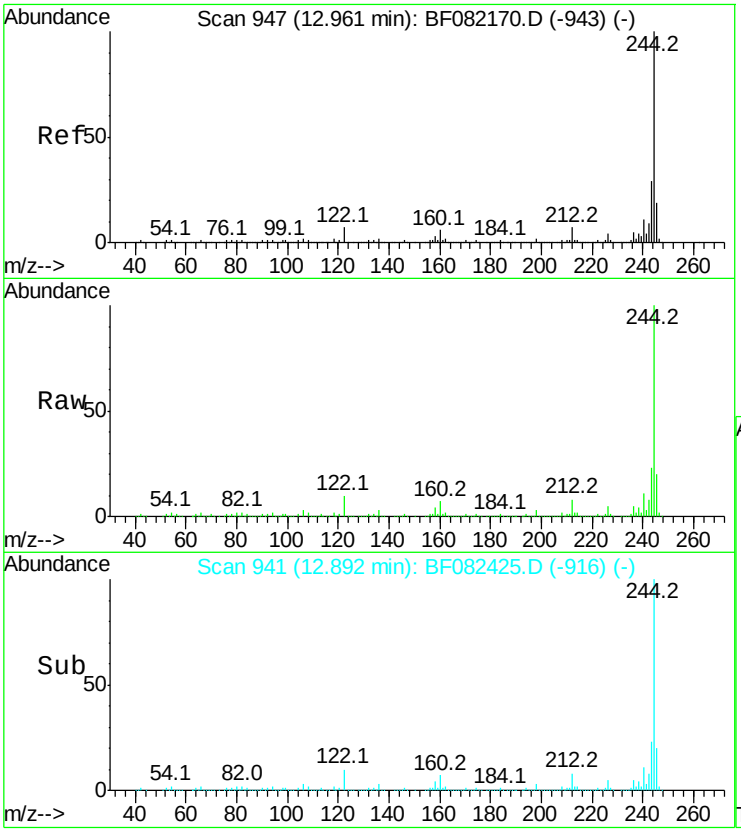


#77
Pyrene
Concen: 13.20 ng
RT: 12.74 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Tgt Ion:202 Resp: 174825

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.9	26.9
203	17.6	14.5	21.7



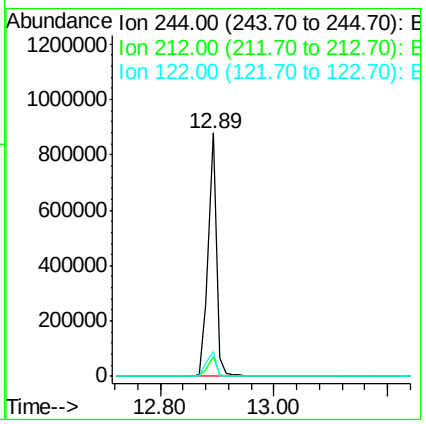


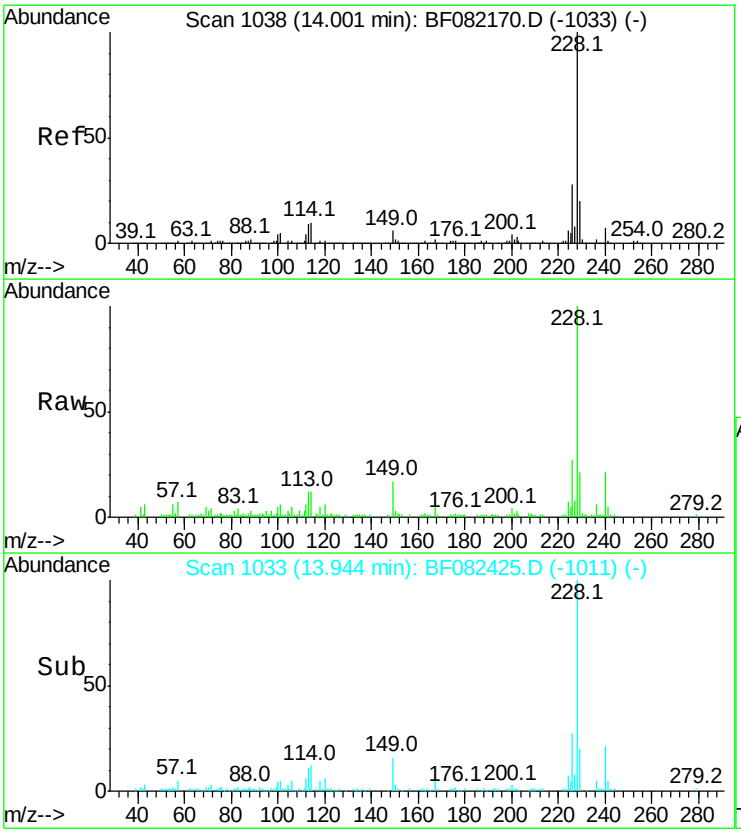
#78
Terphenyl-d14
Concen: 102.00 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:244 Resp: 858825

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.6
122	10.0	5.9	8.9#

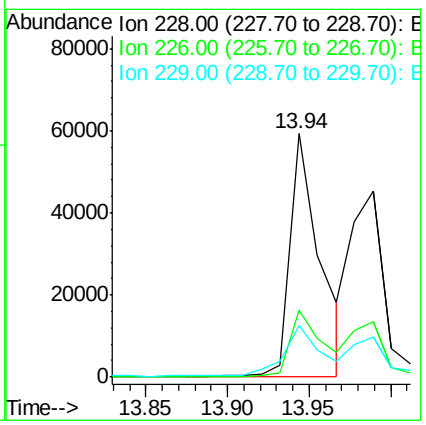


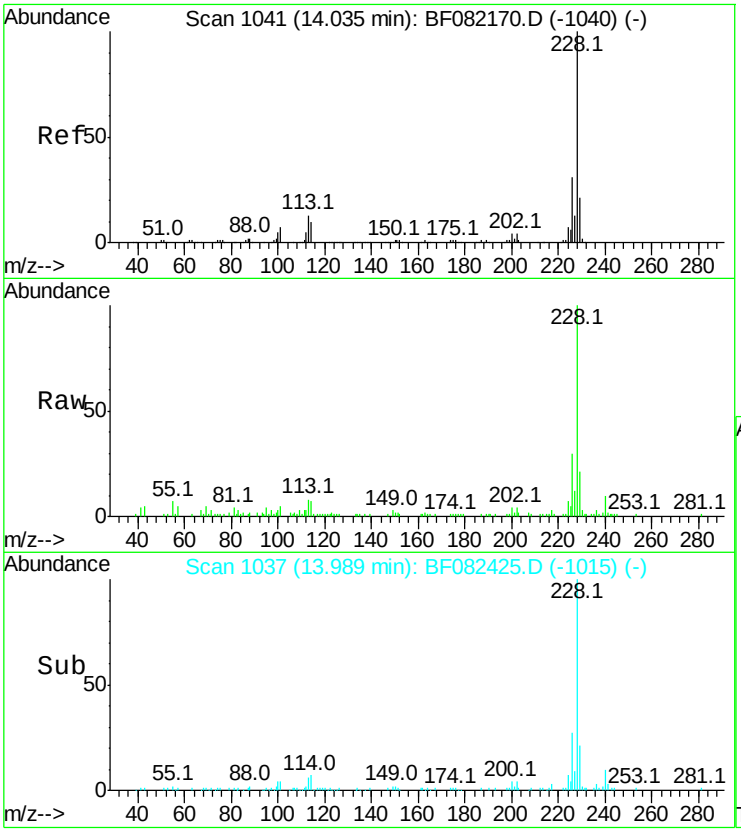


#80
Benzo(a)anthracene
Concen: 6.59 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Tgt Ion:228 Resp: 76469

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	21.0	16.2	24.2



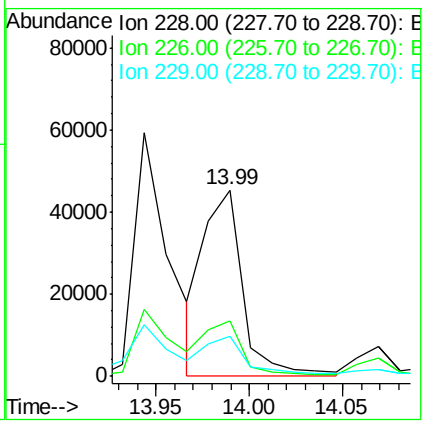


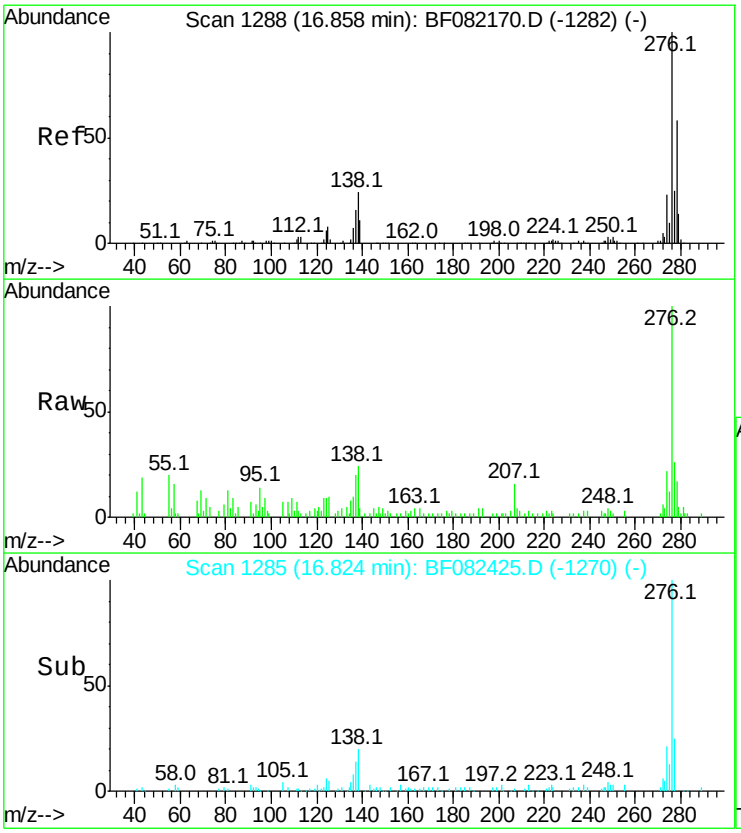
#82
Chrysene
Concen: 5.48 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:228 Resp: 67047

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	21.4	16.3	24.5

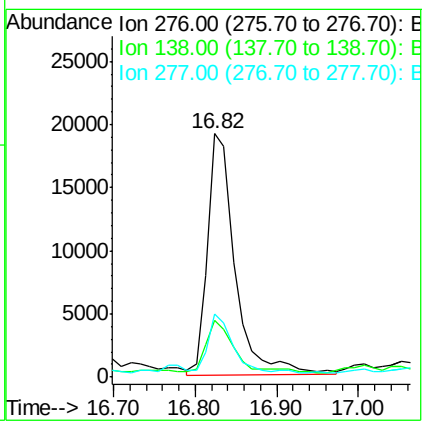


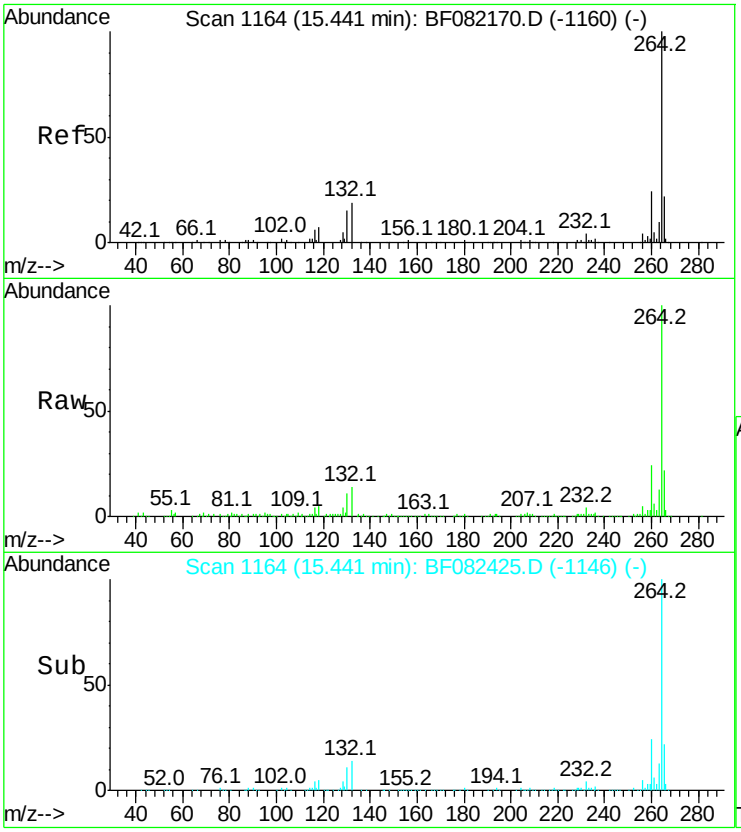


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.67 ng
RT: 16.82 min Scan# 1285
Delta R.T. -0.13 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Tgt Ion:276 Resp: 45408

Ion	Ratio	Lower	Upper
276	100		
138	19.6	19.7	29.5#
277	20.6	20.1	30.1



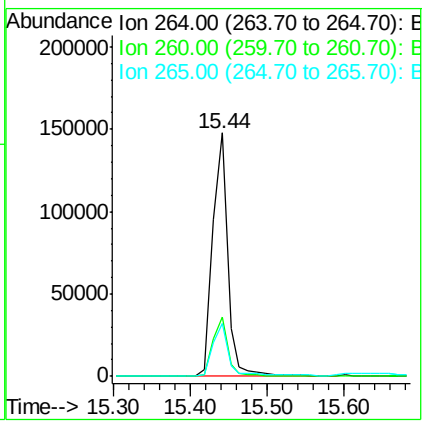


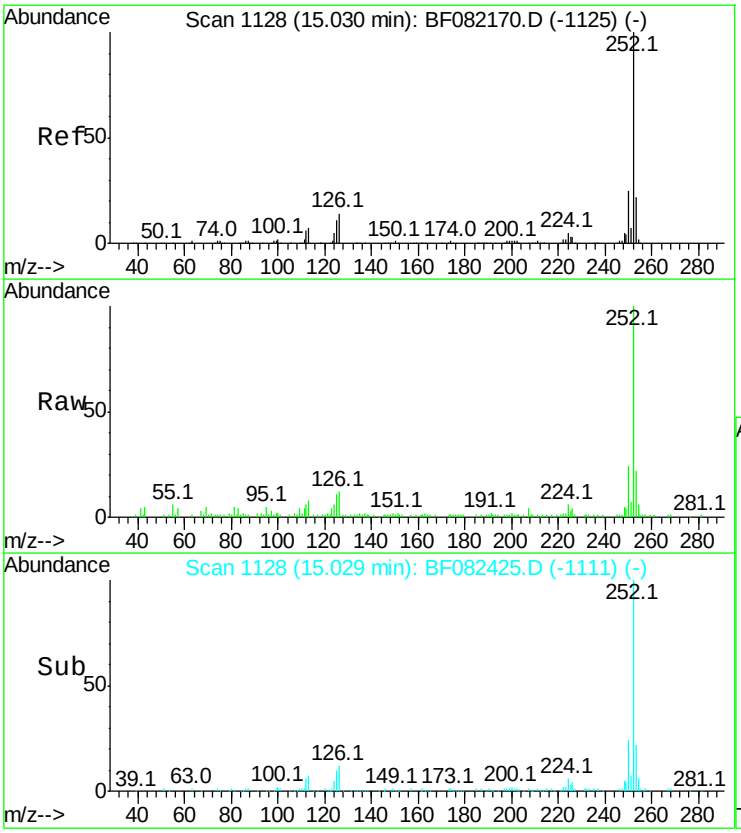
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.09 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:264 Resp: 203377

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	22.0	17.3	25.9

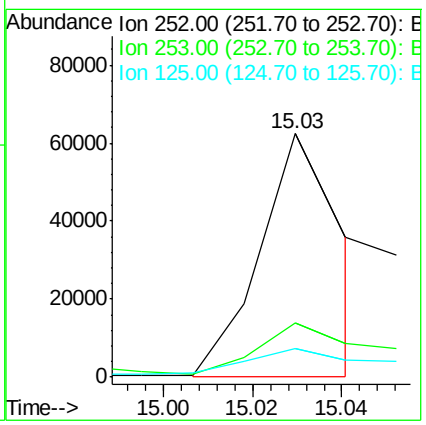


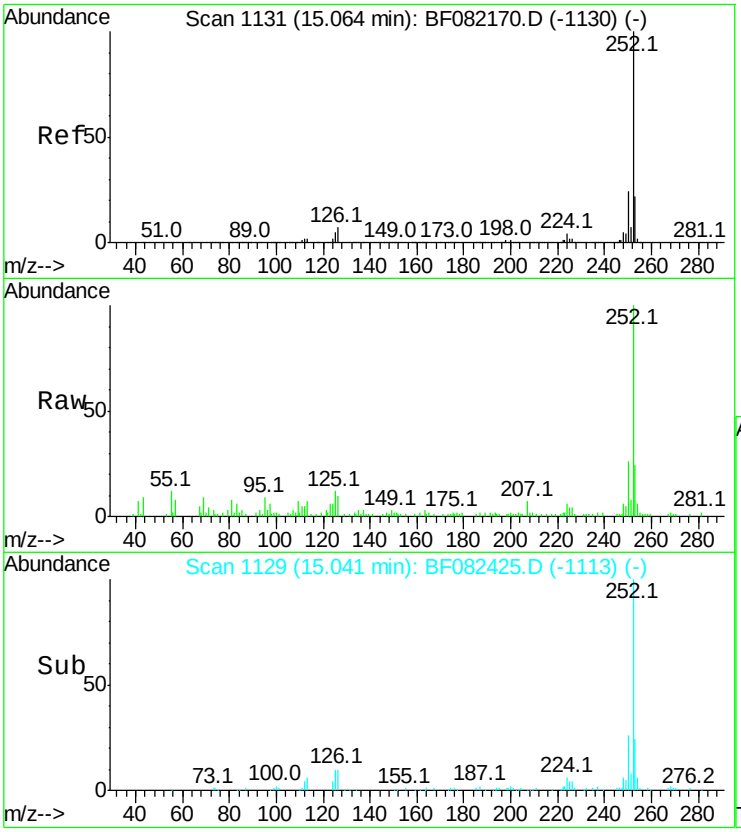


#87
Benzo(b)fluoranthene
Concen: 6.49 ng m
RT: 15.03 min Scan# 1128
Delta R.T. -0.10 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Tgt Ion:252 Resp: 80273

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.5	8.6	12.8



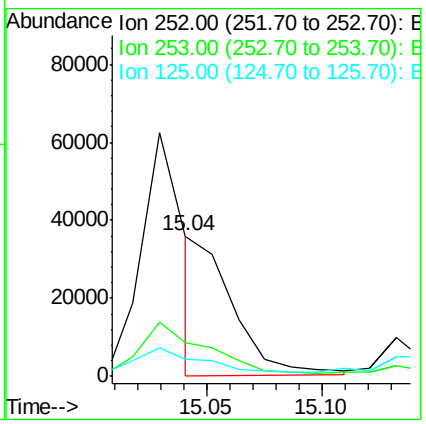


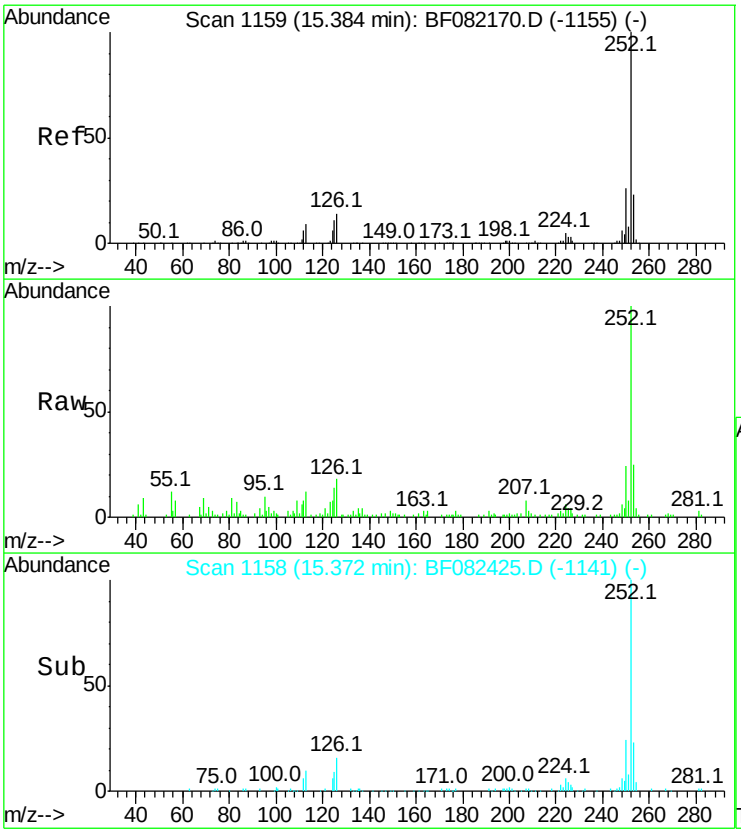
#88
Benzo(k)fluoranthene
Concen: 3.63 ng m
RT: 15.04 min Scan# 1129
Delta R.T. -0.11 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:252 Resp: 37752

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	11.9	6.7	10.1#

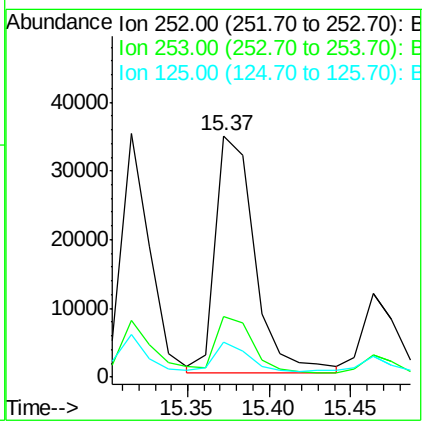


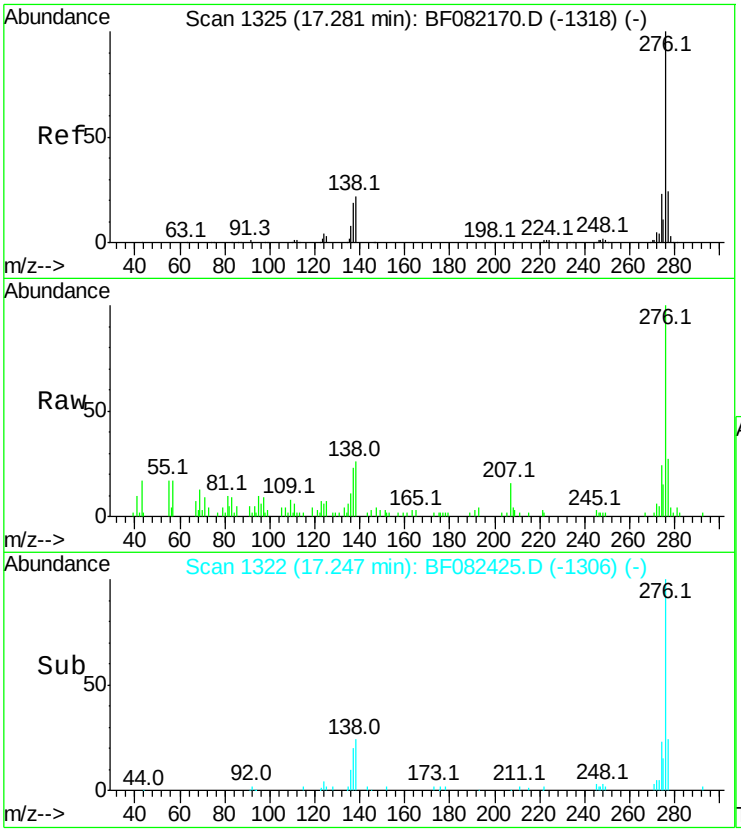


#89
Benzo(a)pyrene
Concen: 5.43 ng
RT: 15.37 min Scan# 1158
Delta R.T. -0.10 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Tgt Ion:252 Resp: 57745

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	14.4	8.9	13.3#





#91
Benzo(g,h,i)perylene
Concen: 5.20 ng
RT: 17.25 min Scan# 1322
Delta R.T. -0.11 min
Lab File: BF082425.D
Acq: 22 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :
NB3-01(0-2)

Tgt Ion:276 Resp: 44051

Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.8	28.2
138	26.3	17.4	26.2#