Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
Data File : BF082532.D
Acq On : 27 Oct 2015 5:35
Operator : UM/IZ
Sample : G4116-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE-14-01(0-2)

Quant Time: Oct 27 07:24:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	103922	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	386646	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	192929	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	311374	20.00	ng		0.00
75) Chrysene-d12	13.91	240	233395	20.00	ng		0.00
86) Perylene-d12	15.35	264	205309	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	843664	160.26	ng		0.01
7) Phenol-d6	6.40	99	1136118	165.59	ng		0.02
23) Nitrobenzene-d5	7.30	82	624665	104.23	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	216776	150.05	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1133292	93.41	ng		0.00
78) Terphenyl-d14	12.85	244	816424	100.78	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.50	163	302186	22.51	ng		99
70) Phenanthrene	11.28	178	66374	4.14	ng		97
74) Fluoranthene	12.47	202	99416	6.04	ng		95
77) Pyrene	12.70	202	82258	5.73	ng		99
79) Butylbenzylphthalate	13.32	149	66092	10.95	ng		98
80) Benzo(a)anthracene	13.90	228	43790m	3.50	ng		
82) Chrysene	13.93	228	39803m	3.37	ng		
87) Benzo(b)fluoranthene	14.95	252	47771m	3.92	ng		
88) Benzo(k)fluoranthene	14.96	252	22197m	2.23	ng		
89) Benzo(a)pyrene	15.29	252	33483	3.17	ng	#	88
91) Benzo(g,h,i)perylene	17.14	276	18795	2.15	ng	#	87

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
Data File : BF082532.D
Acq On : 27 Oct 2015 5:35
Operator : UM/IZ
Sample : G4116-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Quant Time: Oct 27 07:24:43 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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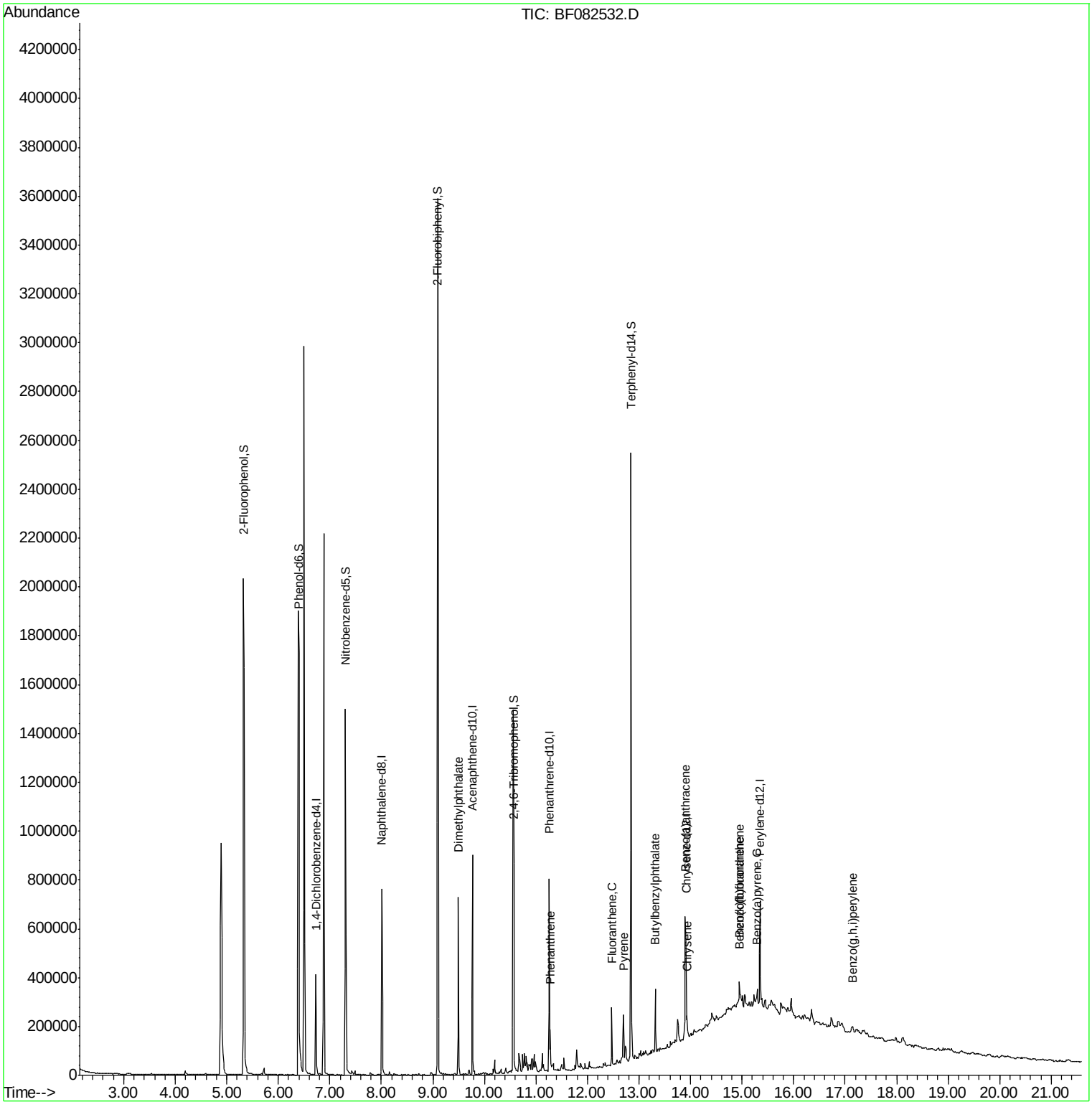
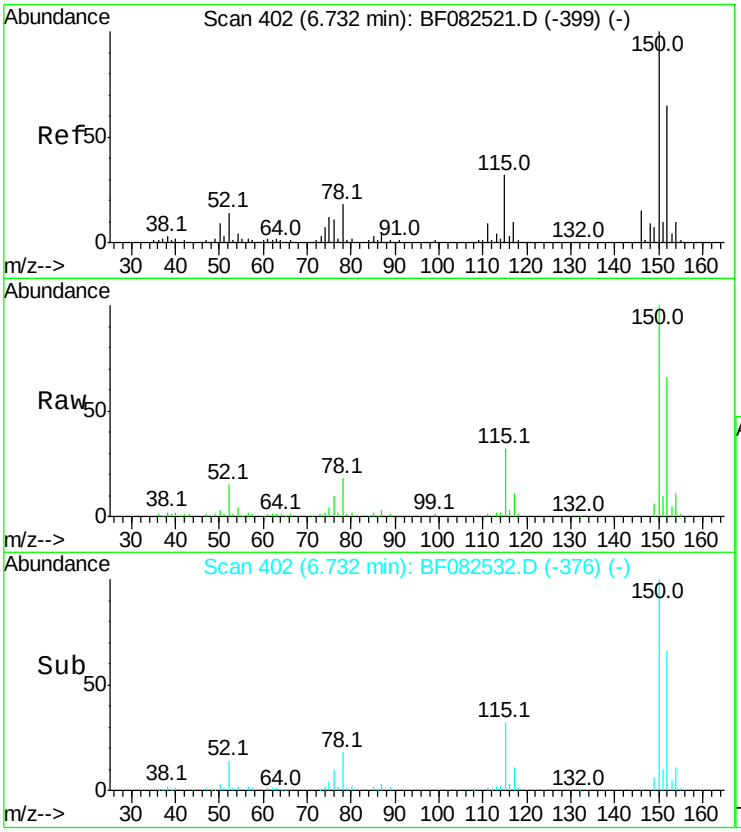


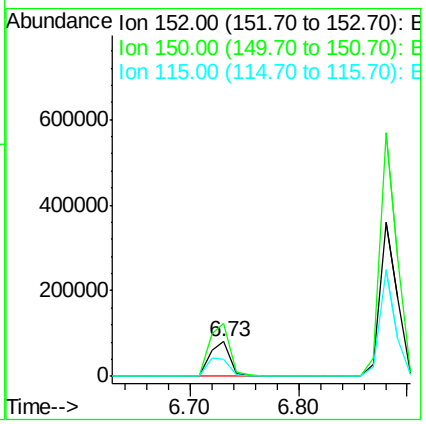


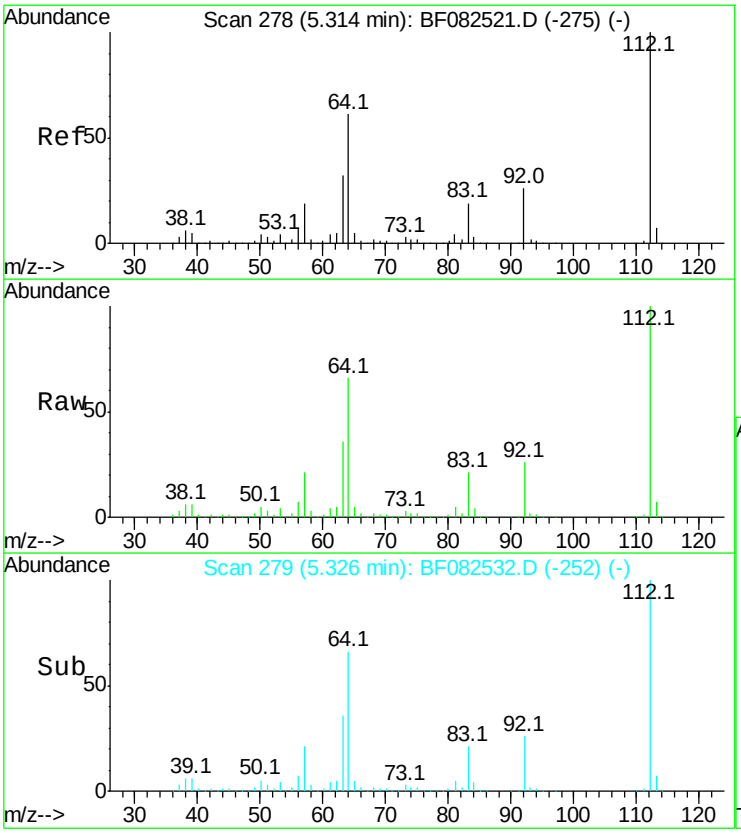
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion:152 Resp: 103922

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.4	185.0
115	49.2	39.0	58.4

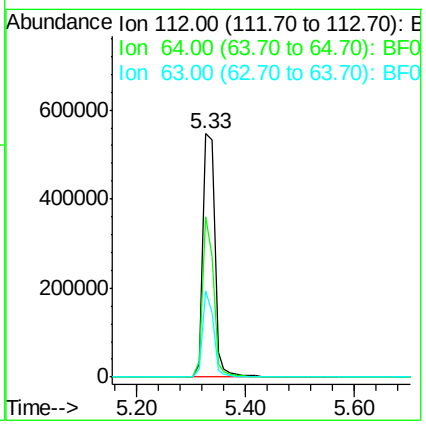


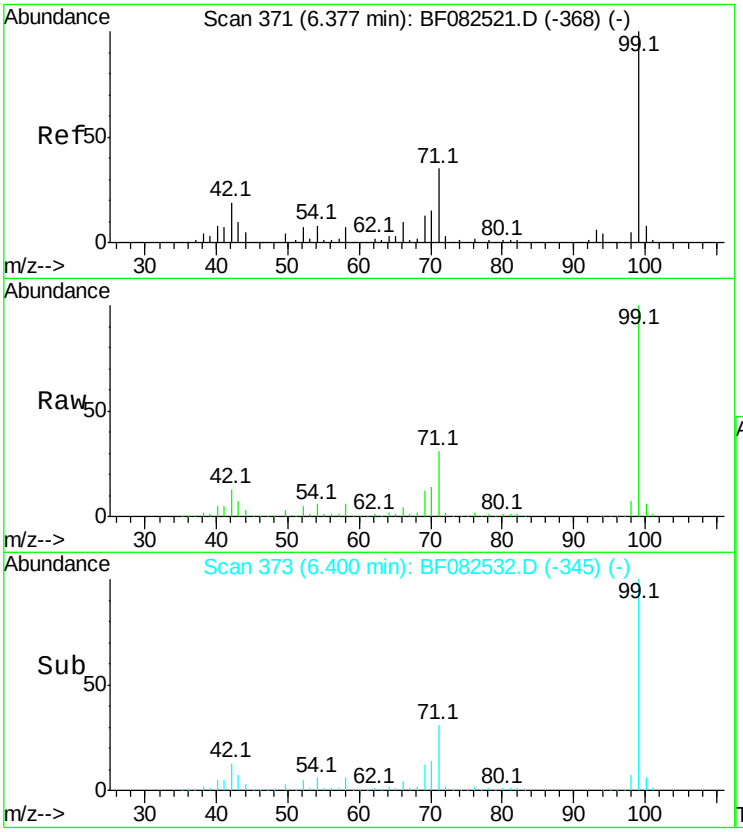


#5
2-Fluorophenol
Concen: 160.26 ng
RT: 5.33 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion:112 Resp: 843664

Ion	Ratio	Lower	Upper
112	100		
64	66.0	49.0	73.4
63	35.6	25.8	38.6



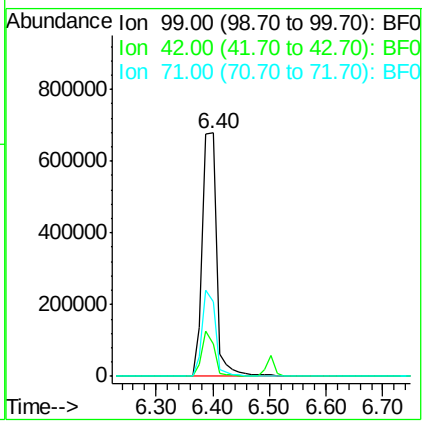


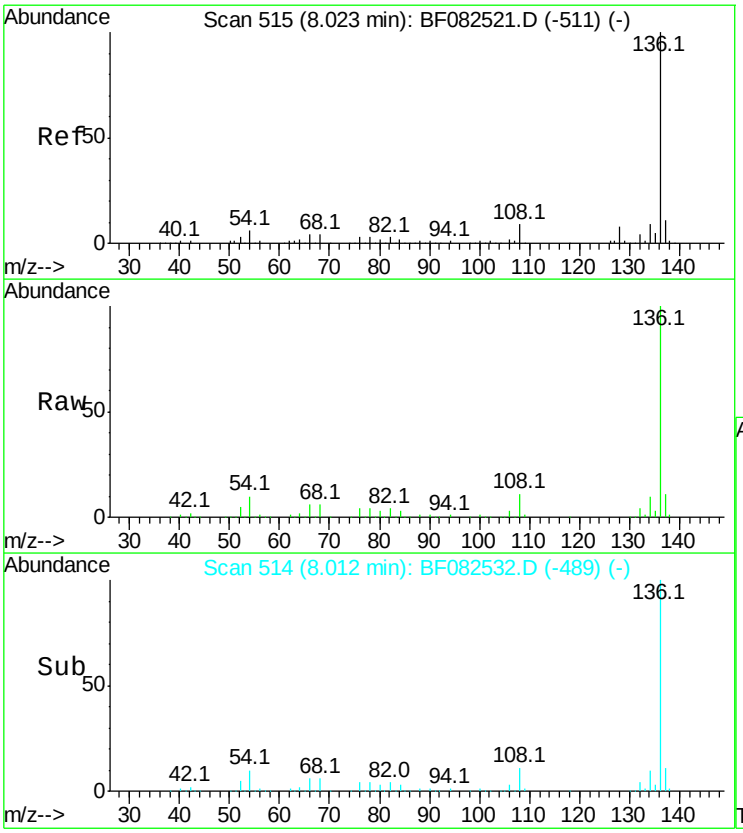
#7
Phenol-d6
Concen: 165.59 ng
RT: 6.40 min Scan# 373
Delta R.T. 0.02 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion: 99 Resp: 1136118

Ion	Ratio	Lower	Upper
99	100		
42	13.4	15.1	22.7#
71	30.6	28.2	42.2

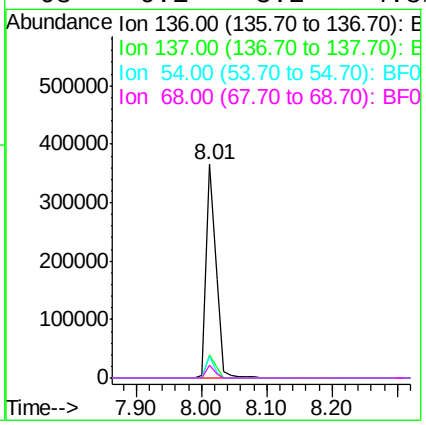


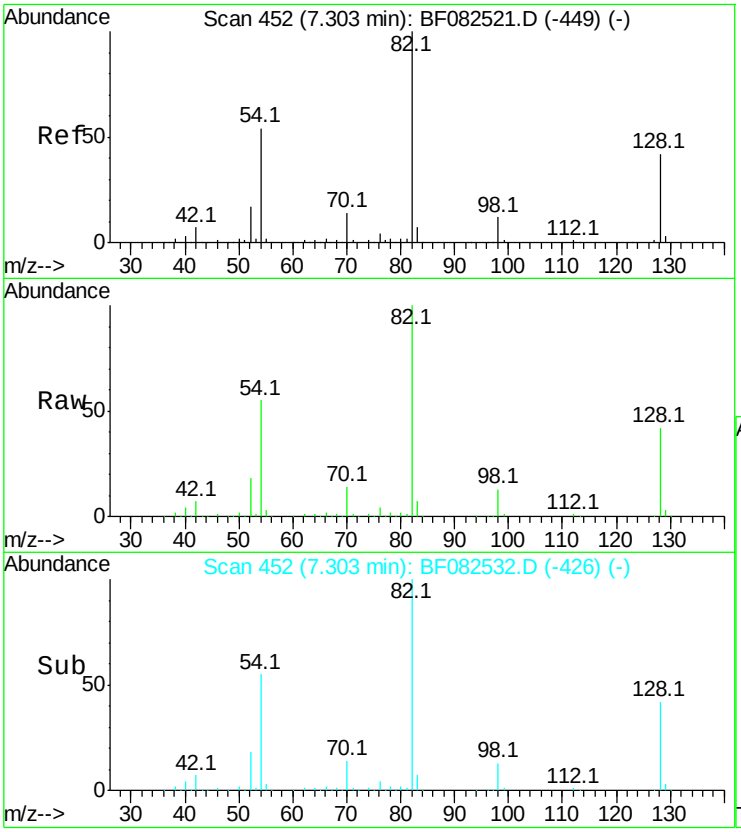


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion:136 Resp: 386646

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	4.6	7.0#
68	6.1	3.2	4.8#



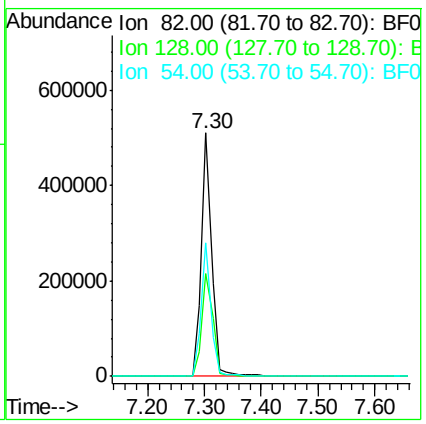


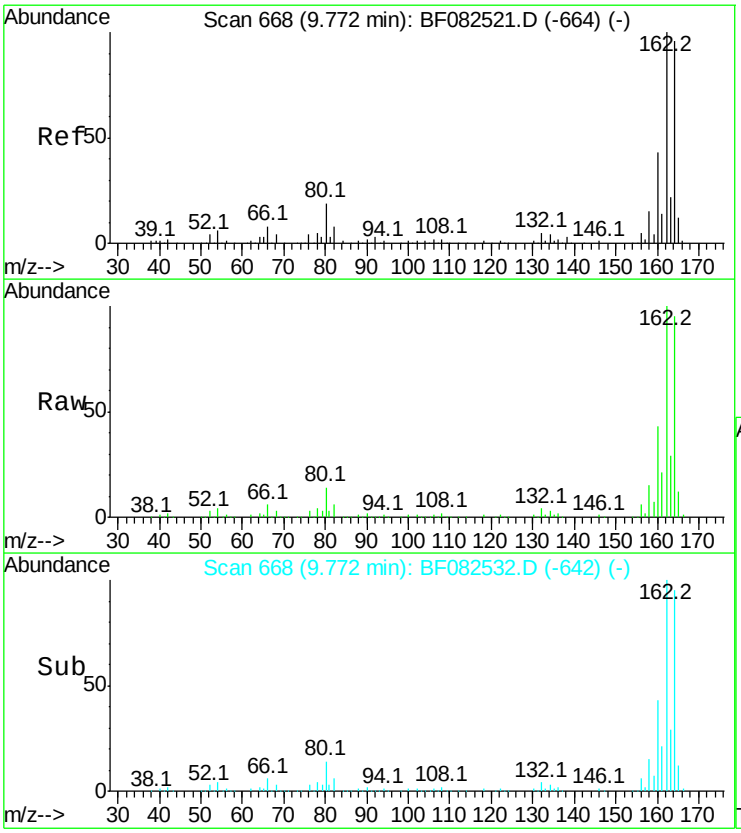
#23
Nitrobenzene-d5
Concen: 104.23 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion: 82 Resp: 624665

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.4	50.0
54	54.7	43.5	65.3

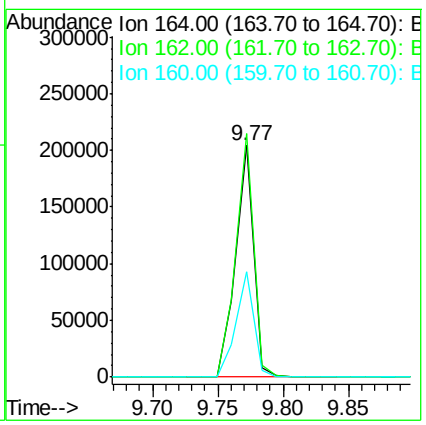


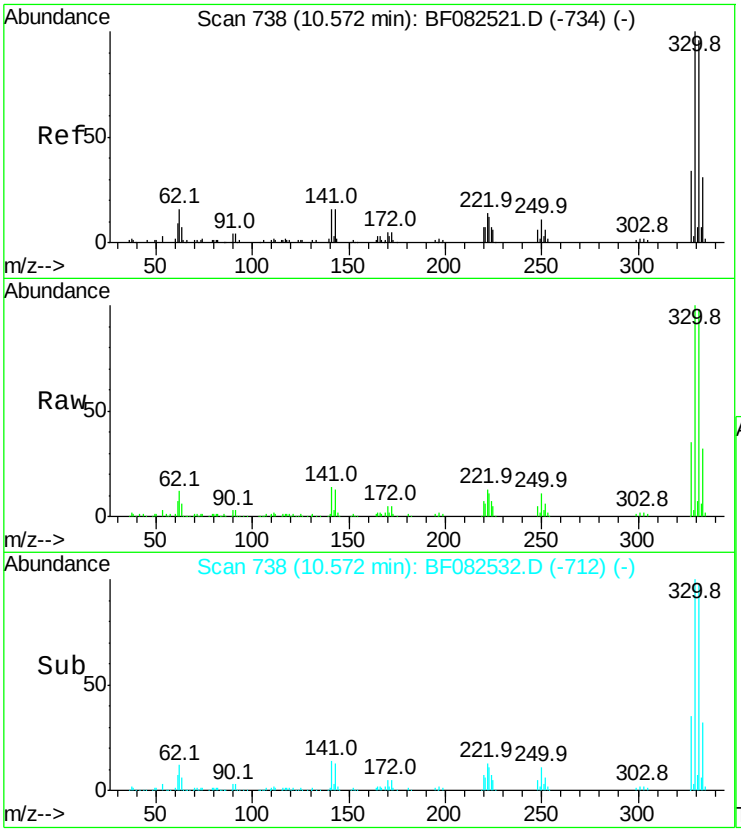


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion:164 Resp: 192929

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.6	125.4
160	45.6	36.0	54.0



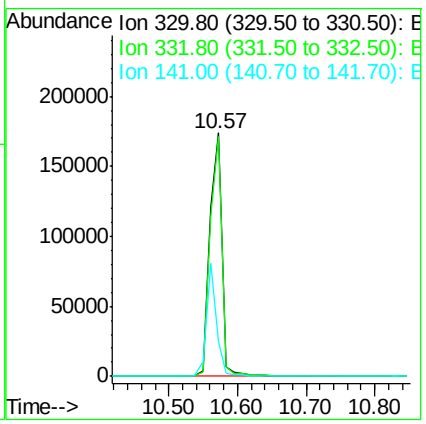


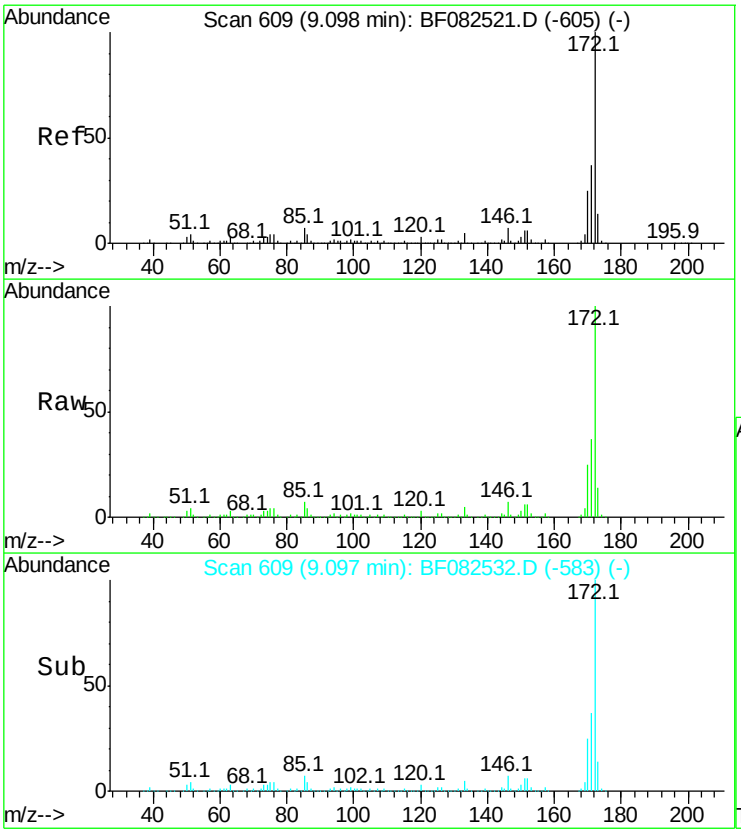
#41
2,4,6-Tribromophenol
Concen: 150.05 ng
RT: 10.57 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion:330 Resp: 216776

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	38.7	32.5	48.7

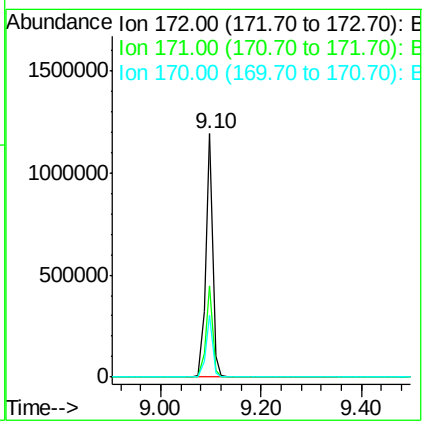


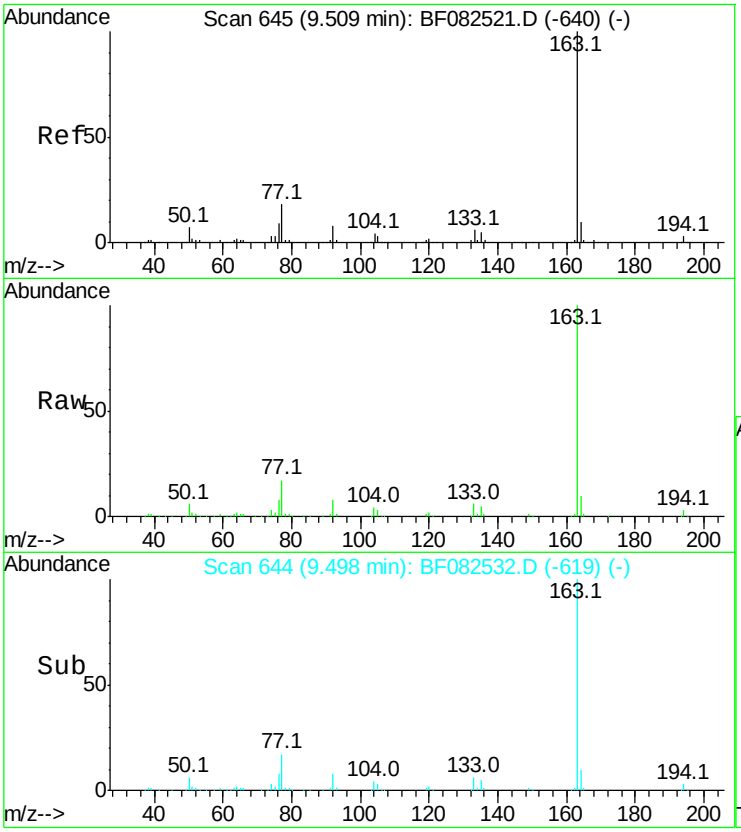


#44
2-Fluorobiphenyl
Concen: 93.41 ng
RT: 9.10 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion:172 Resp: 1133292

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.3	43.9
170	25.3	19.8	29.6



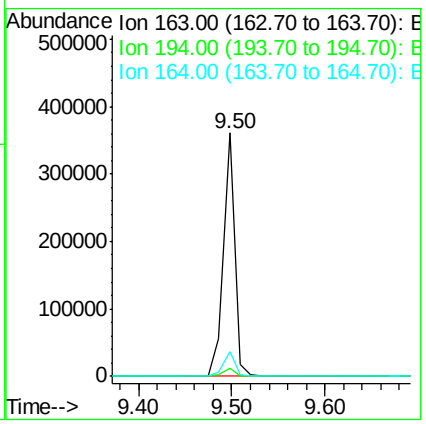


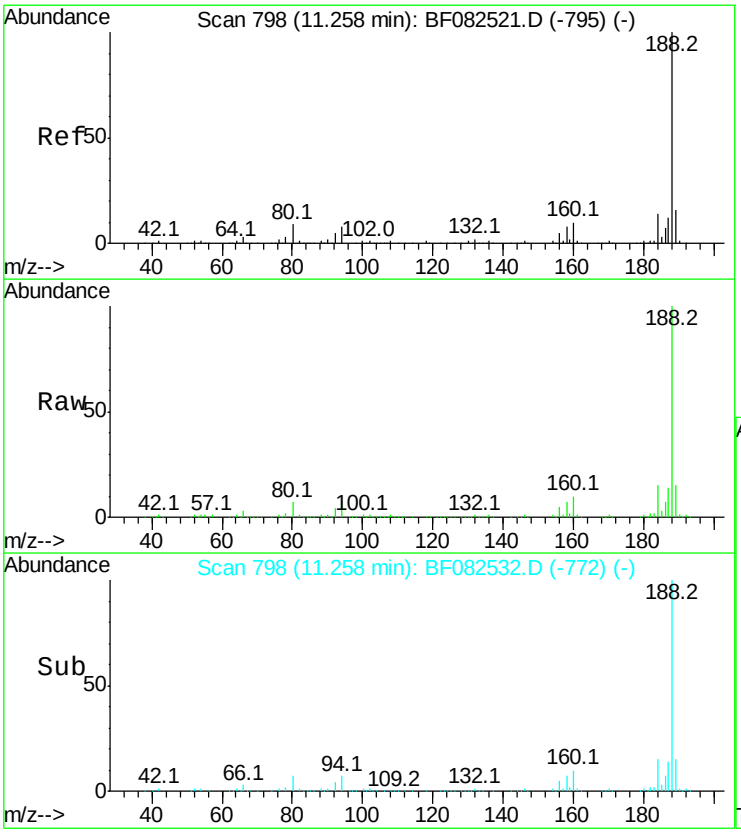
#49
Dimethylphthalate
Concen: 22.51 ng
RT: 9.50 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion:163 Resp: 302186

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.1	8.2	12.4

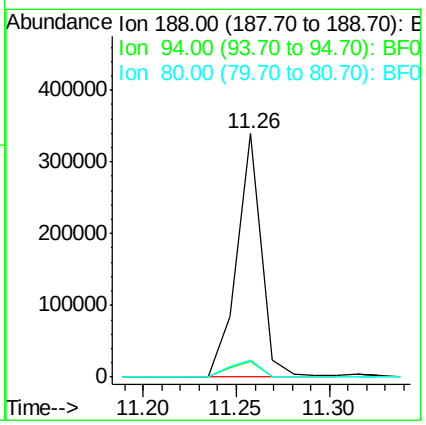


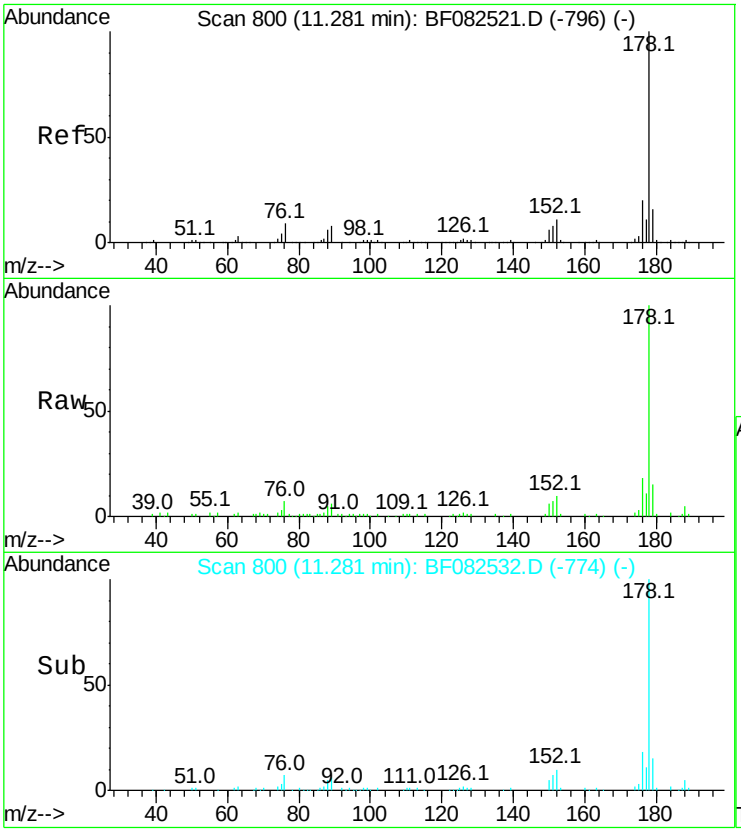


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion:188 Resp: 311374

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.4	9.6
80	7.0	7.0	10.6#



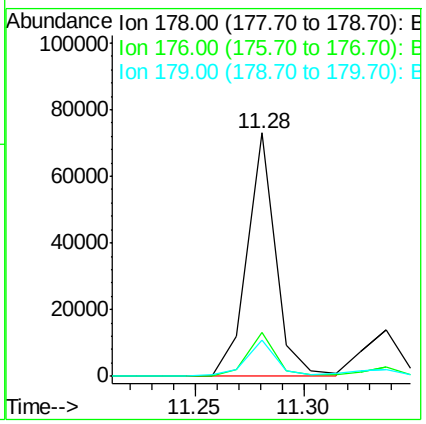


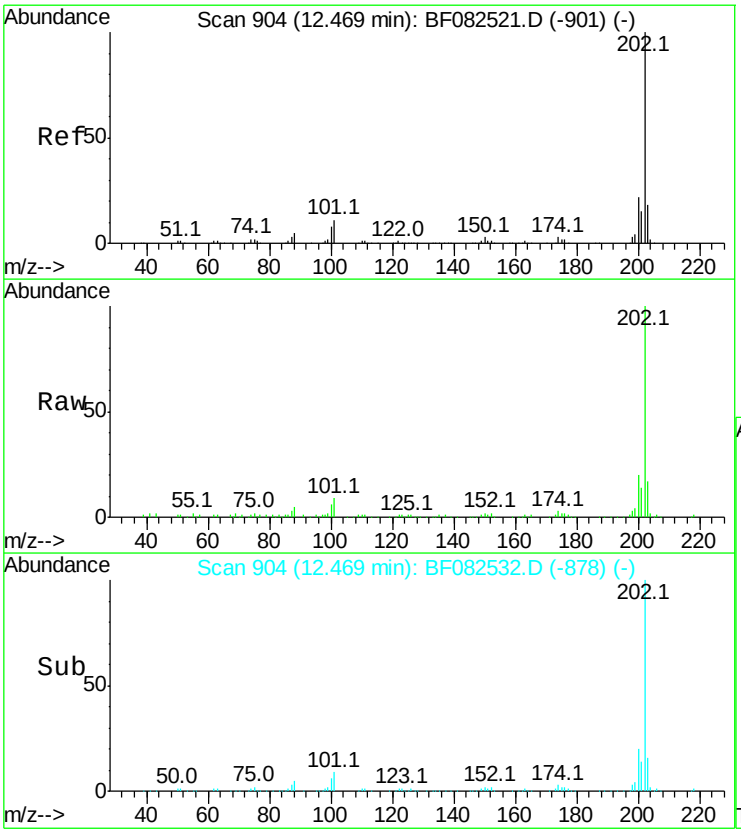
#70
Phenanthrene
Concen: 4.14 ng
RT: 11.28 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion:178 Resp: 66374

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.9	23.9
179	15.1	12.8	19.2

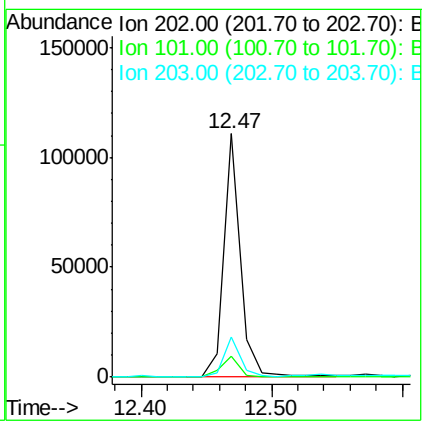


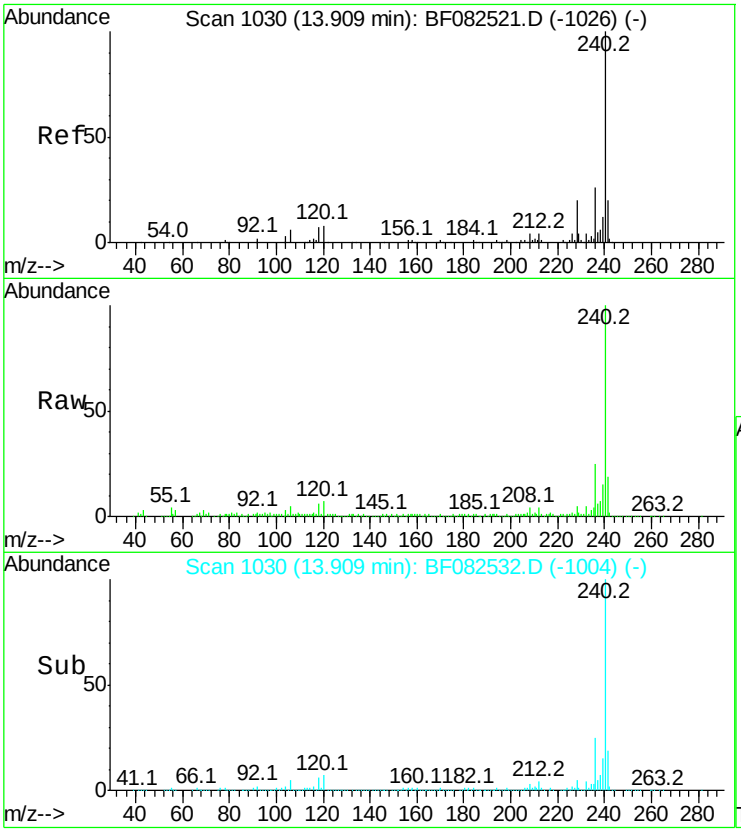


#74
Fluoranthene
Concen: 6.04 ng
RT: 12.47 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion:202 Resp: 99416

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	31.2
203	16.6	0.0	38.1



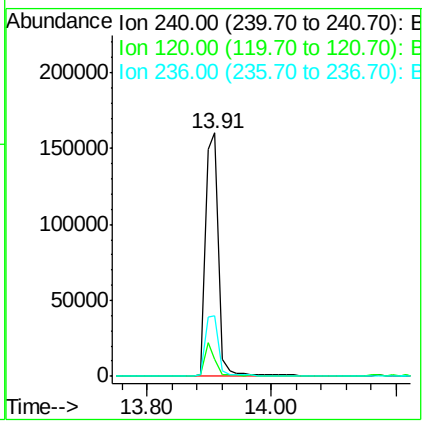


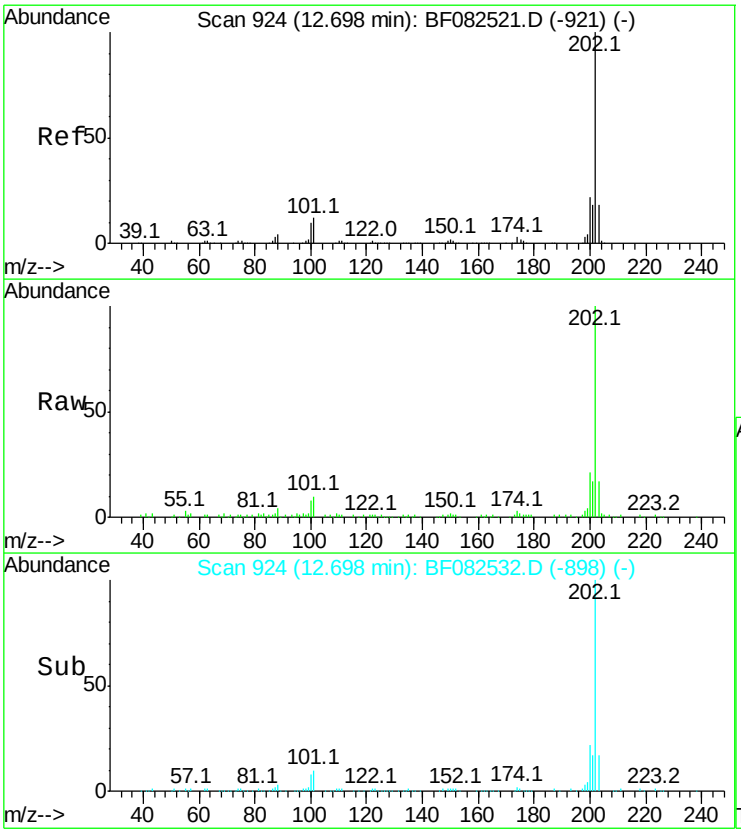
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion:240 Resp: 233395

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.5	9.7
236	24.8	20.5	30.7

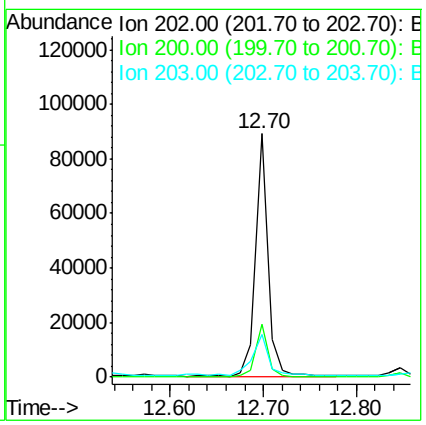


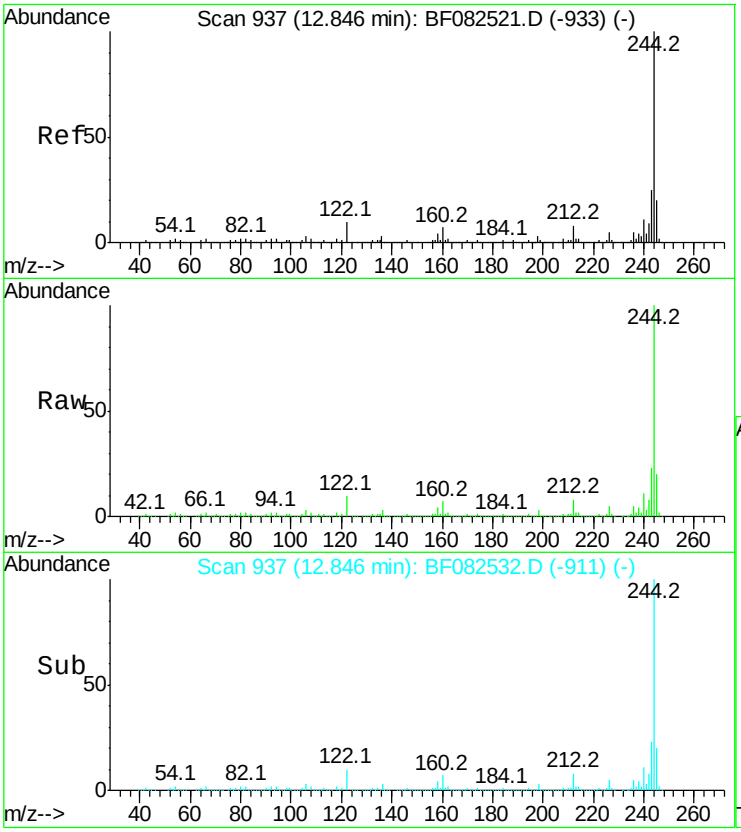


#77
Pyrene
Concen: 5.73 ng
RT: 12.70 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion:202 Resp: 82258

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.4	14.6	22.0



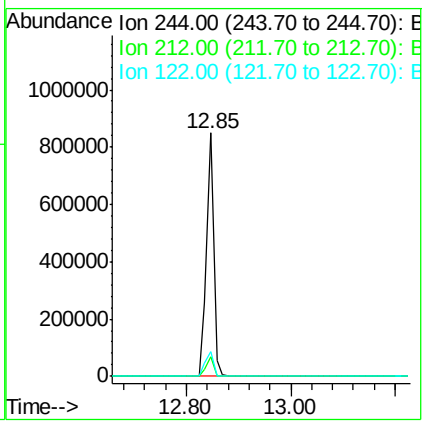


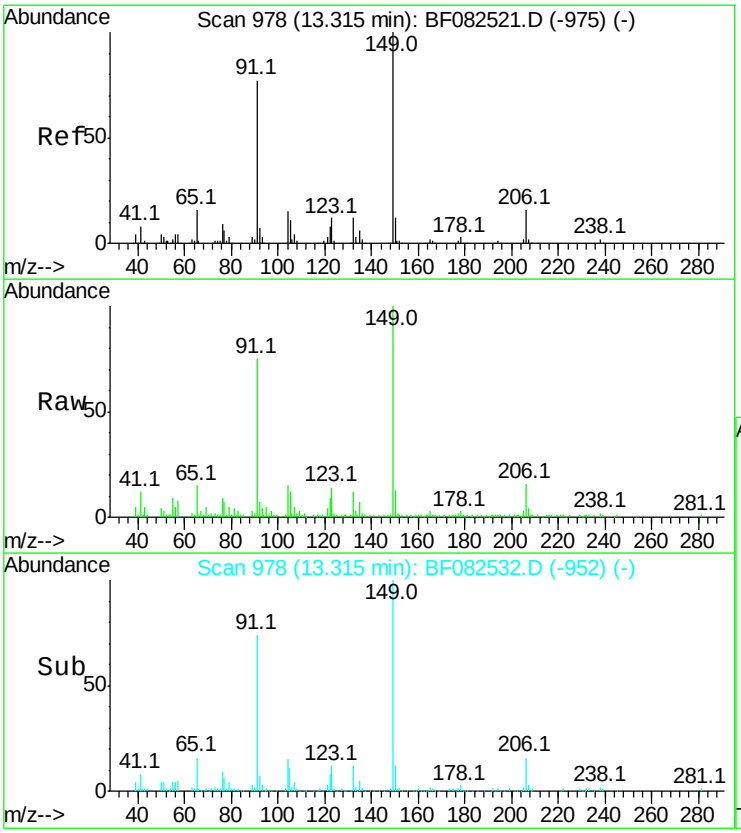
#78
Terphenyl-d14
Concen: 100.78 ng
RT: 12.85 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion:244 Resp: 816424

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	10.0	8.1	12.1

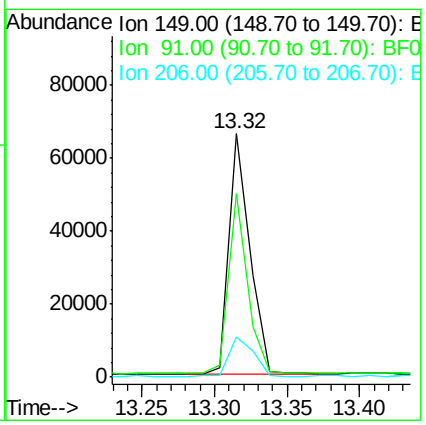


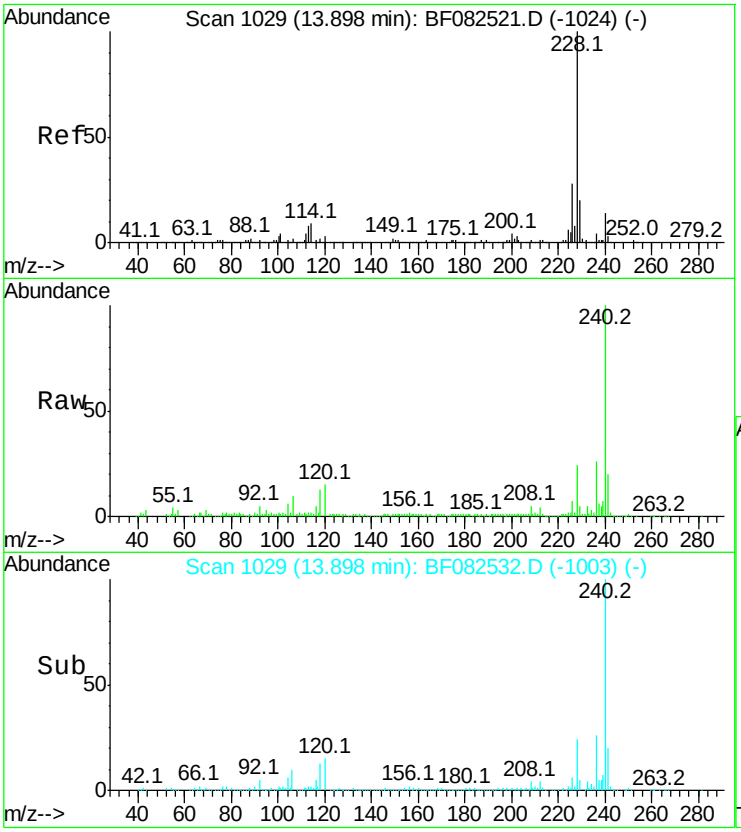


#79
Butylbenzylphthalate
Concen: 10.95 ng
RT: 13.32 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion:149 Resp: 66092

Ion	Ratio	Lower	Upper
149	100		
91	75.2	62.0	93.0
206	16.3	13.0	19.4



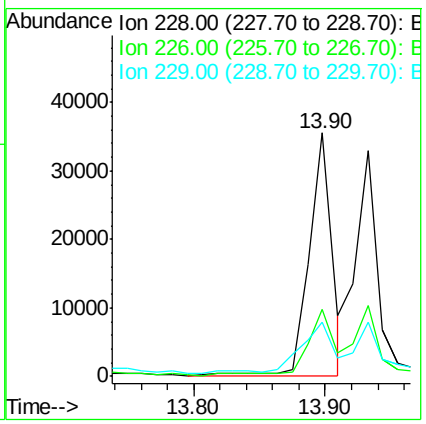


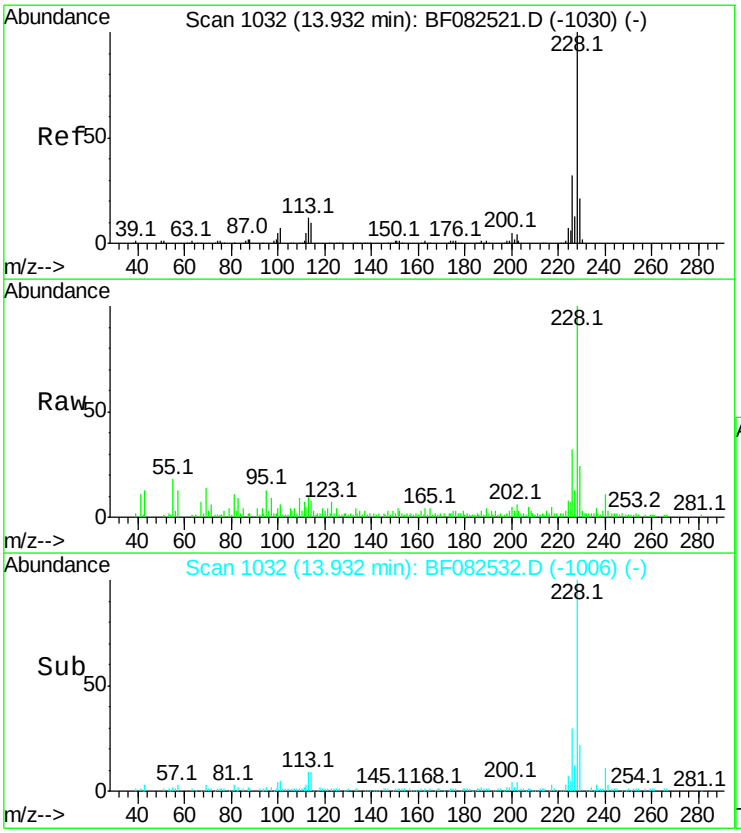
#80
Benzo(a)anthracene
Concen: 3.50 ng m
RT: 13.90 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion:228 Resp: 43790

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	22.0	16.1	24.1

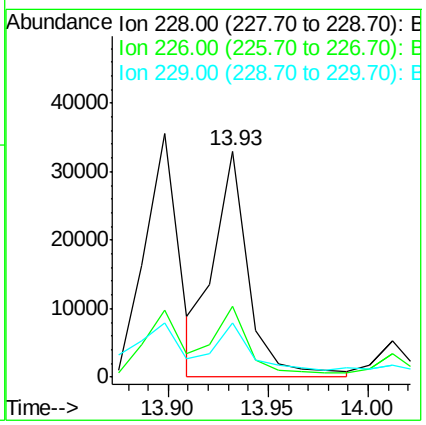


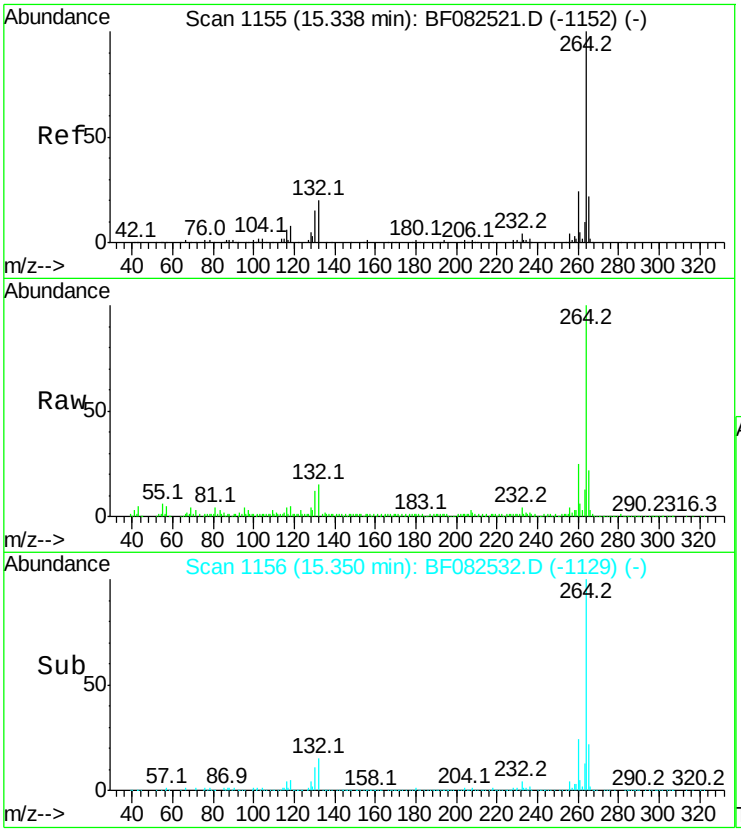


#82
Chrysene
Concen: 3.37 ng m
RT: 13.93 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion:228 Resp: 39803

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.2	37.8
229	24.1	16.3	24.5



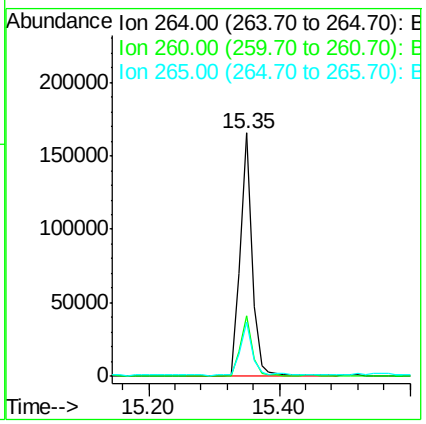


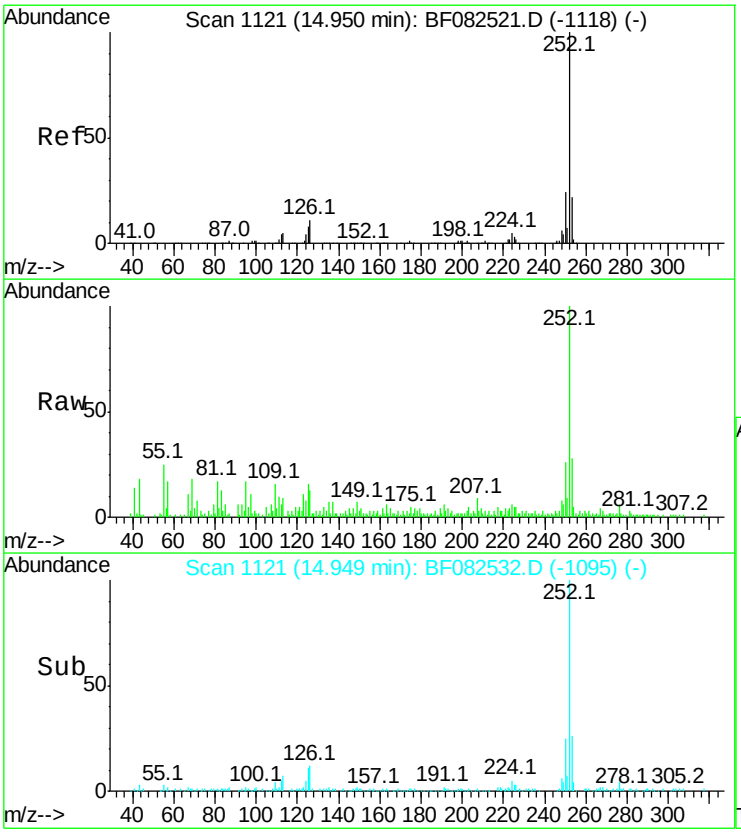
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion:264 Resp: 205309

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.6
265	22.1	17.8	26.6

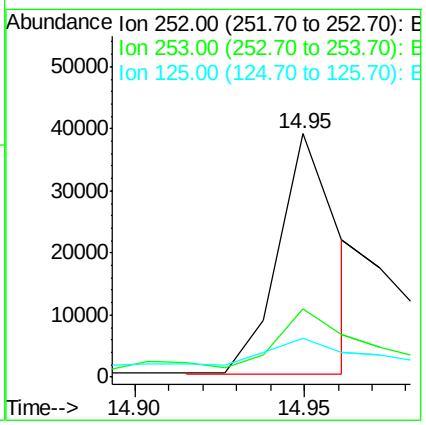


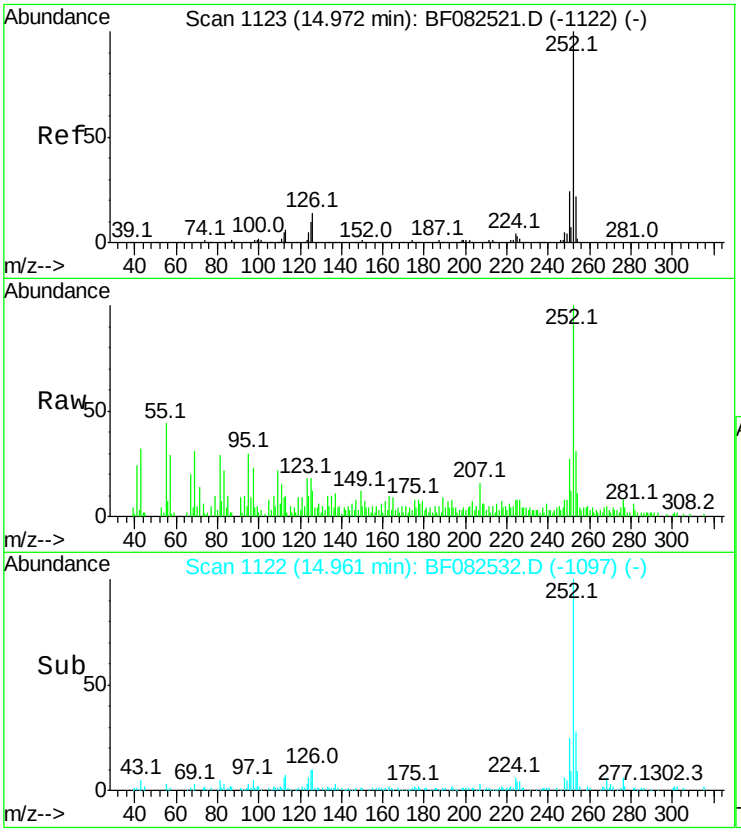


#87
Benzo(b)fluoranthene
Concen: 3.92 ng m
RT: 14.95 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion:252 Resp: 47771

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.8	26.8#
125	15.7	6.6	10.0#



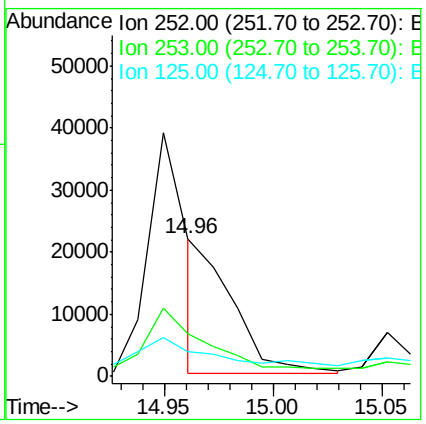


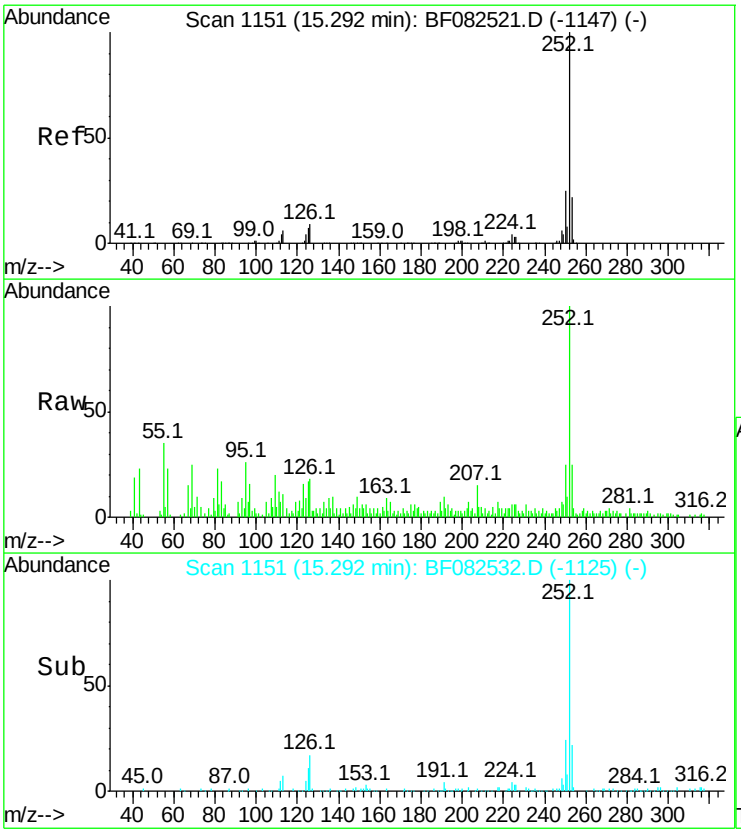
#88
Benzo(k)fluoranthene
Concen: 2.23 ng m
RT: 14.96 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion:252 Resp: 22197

Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.8	26.6#
125	18.0	8.7	13.1#

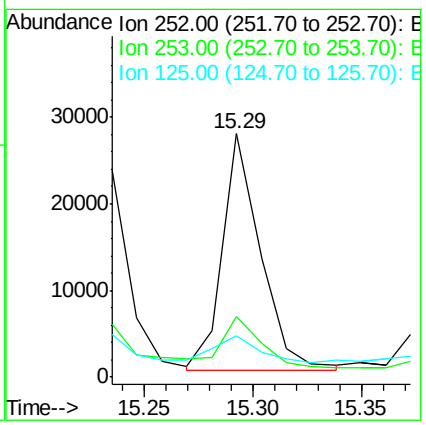


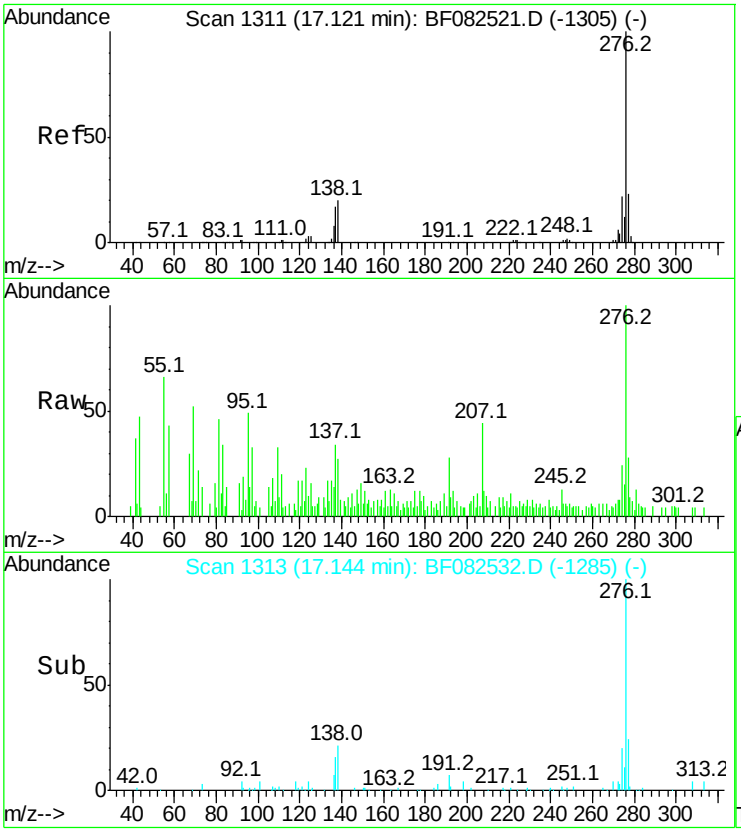


#89
Benzo(a)pyrene
Concen: 3.17 ng
RT: 15.29 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Tgt Ion:252 Resp: 33483

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.3	25.9
125	16.8	5.9	8.9#





#91
Benzo(g,h,i)perylene
Concen: 2.15 ng
RT: 17.14 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BF082532.D
Acq: 27 Oct 2015 5:35

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion:276 Resp: 18795

Ion	Ratio	Lower	Upper
276	100		
277	27.8	18.3	27.5#
138	27.3	16.0	24.0#