Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082911.D
Acq On : 13 Nov 2015 21:54
Operator : UM/IZ
Sample : G4376-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1-0-2IN

Quant Time: Nov 14 05:46:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	246362	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	919025	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	409011	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	691594	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	557239	20.00	ng	-0.05
86) Perylene-d12	15.39	264	585936	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	945981	59.74	ng	-0.02
7) Phenol-d6	6.46	99	1296579	61.60	ng	-0.01
23) Nitrobenzene-d5	7.37	82	786815	37.25	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	272455	58.10	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1134539	39.76	ng	-0.05
78) Terphenyl-d14	12.92	244	720637	30.67	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	364938	10.89	ng	97
70) Phenanthrene	11.36	178	84603	2.11	ng	96
74) Fluoranthene	12.55	202	118886	2.76	ng	98
77) Pyrene	12.77	202	100357	2.62	ng	94

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

Quantitation Report (LSC Reviewed)

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Operator : UM/IZ
Sample : G4376-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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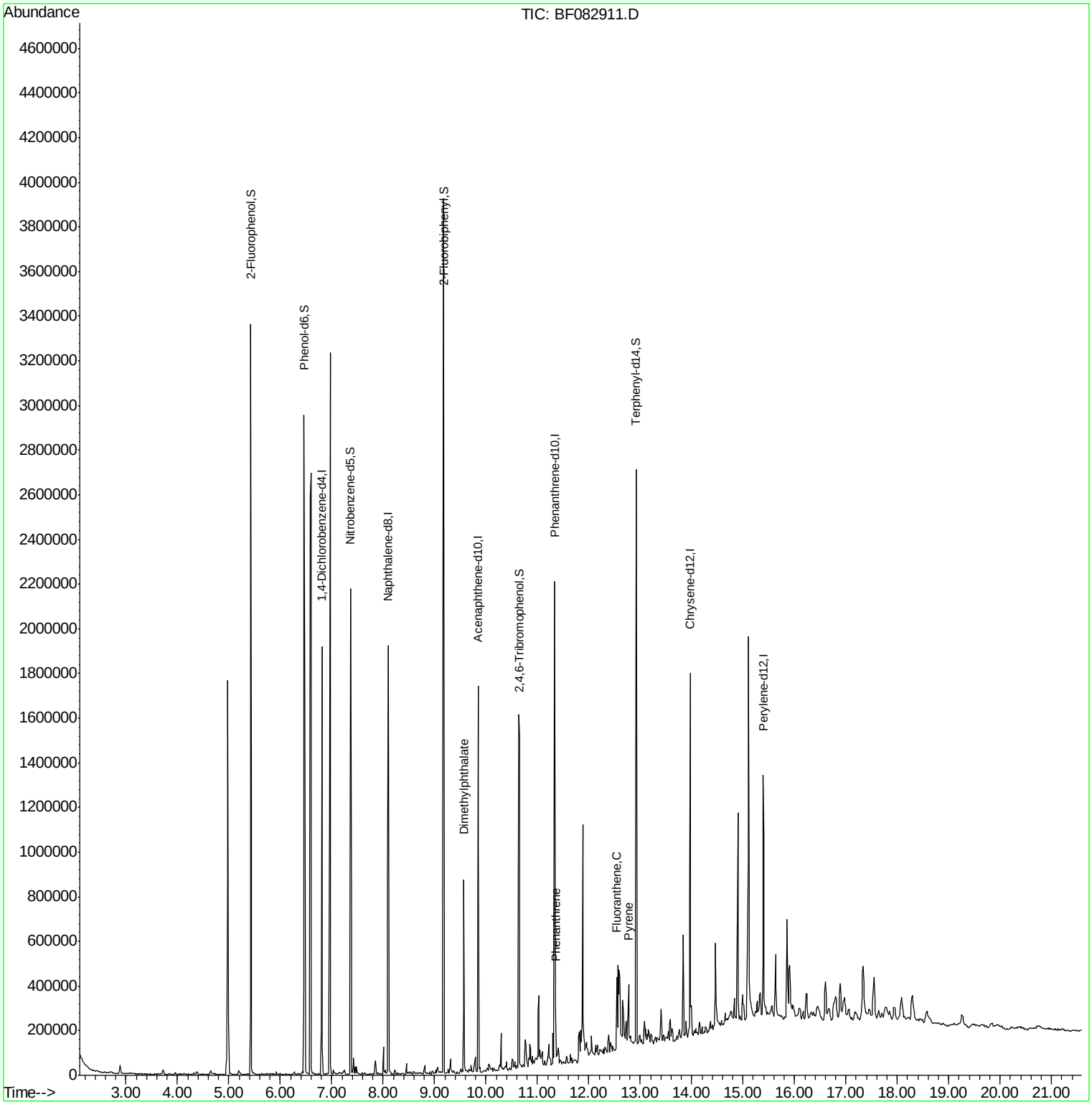
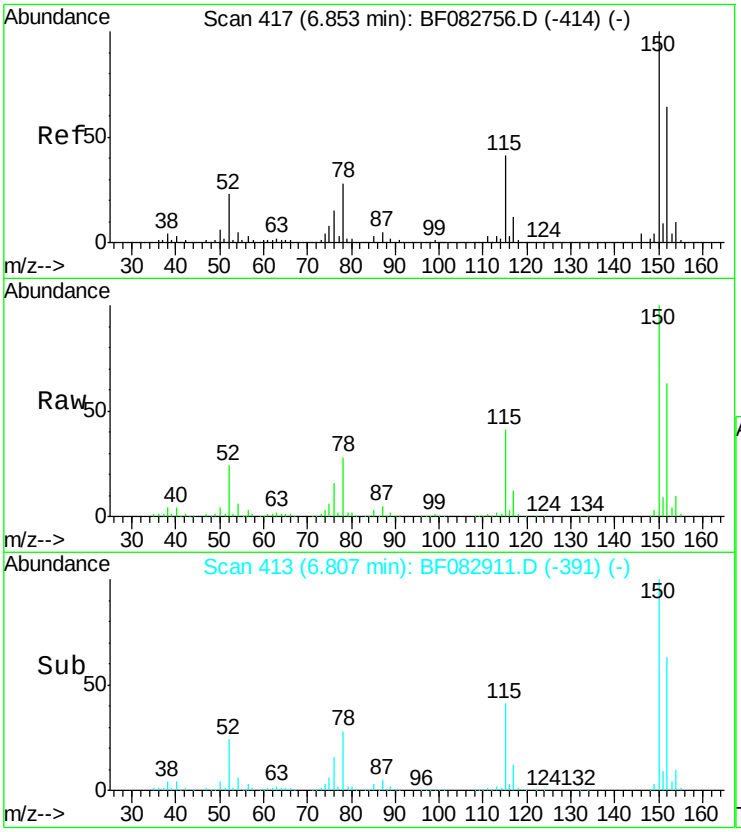


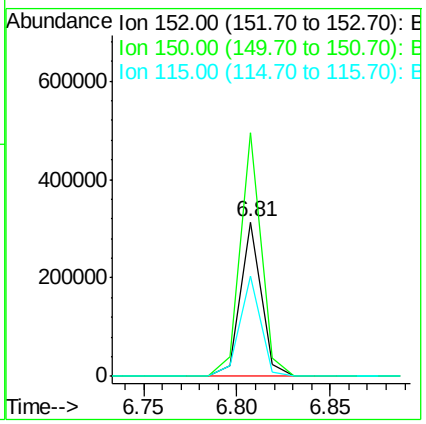


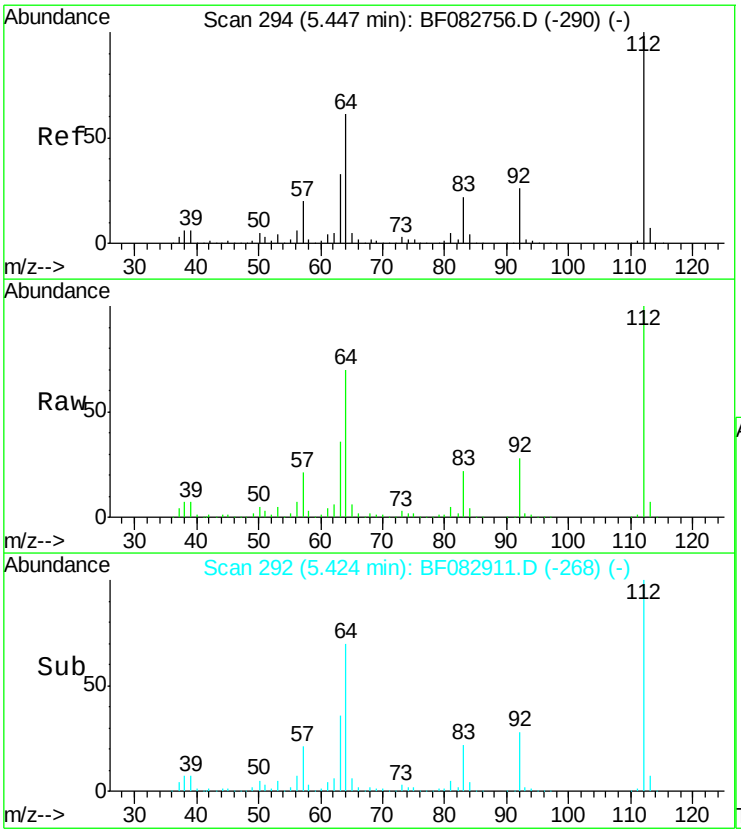
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SS-1-0-2IN

Tgt Ion:152 Resp: 246362

Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.0	190.4
115	64.9	47.0	70.6

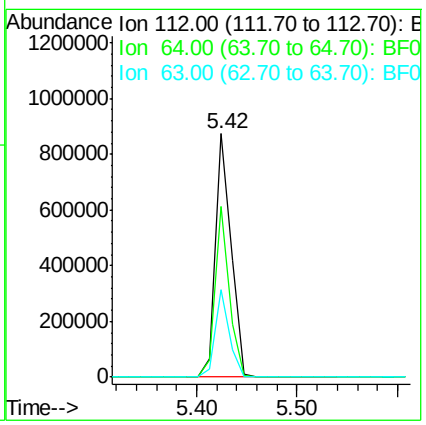


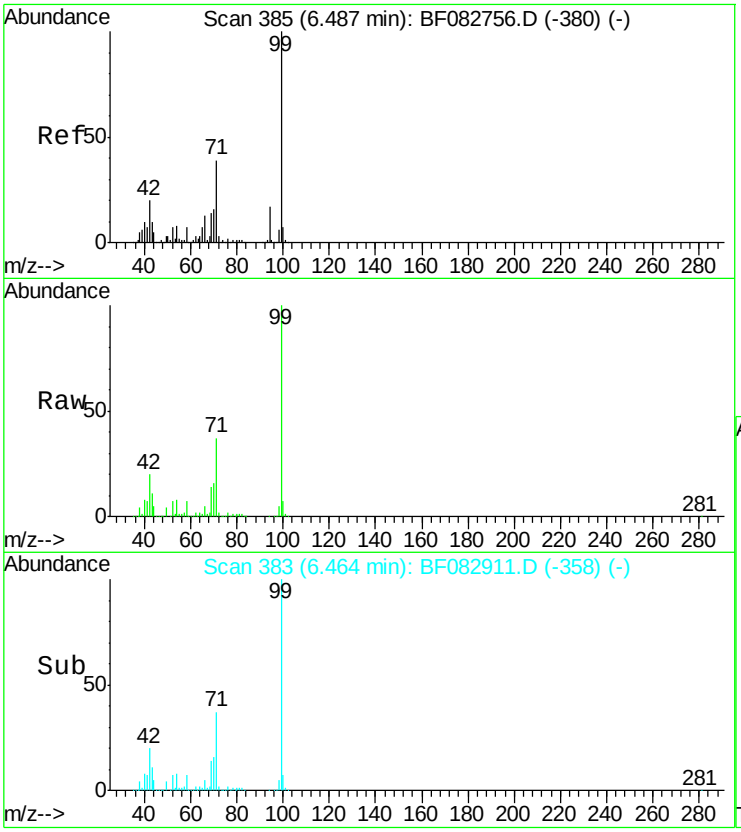


#5
2-Fluorophenol
Concen: 59.74 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Tgt Ion:112 Resp: 945981

Ion	Ratio	Lower	Upper
112	100		
64	70.0	48.9	73.3
63	36.1	28.1	42.1



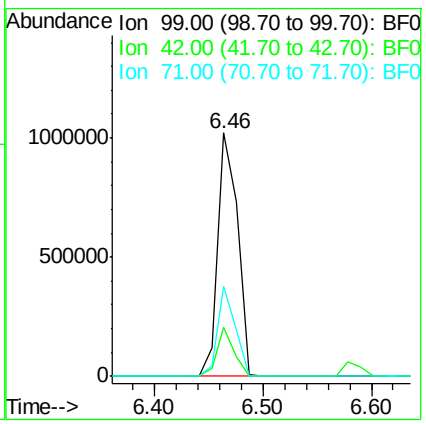


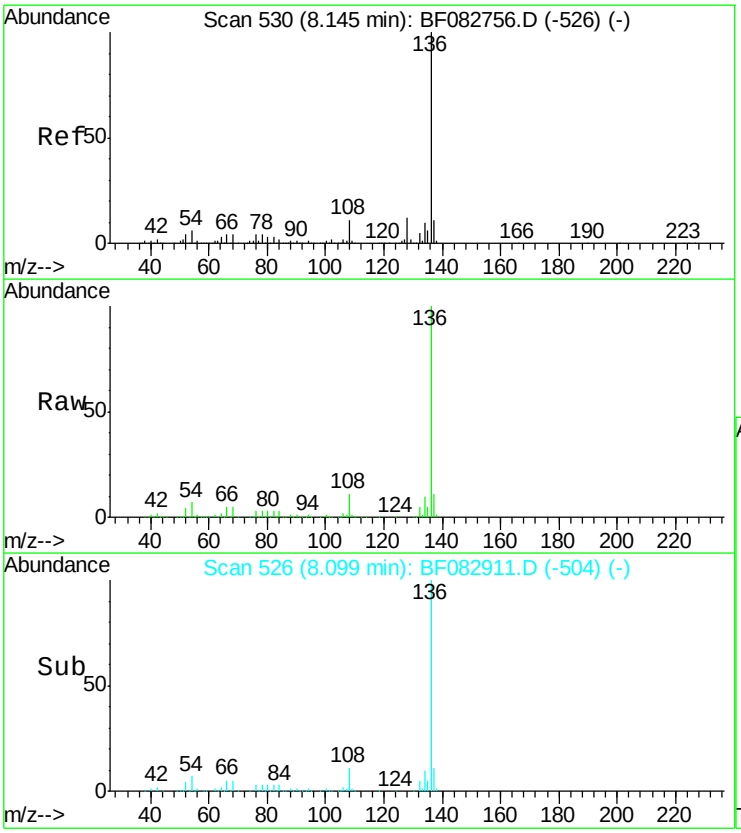
#7
Phenol-d6
Concen: 61.60 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SS-1-0-2IN

Tgt Ion: 99 Resp: 1296579

Ion	Ratio	Lower	Upper
99	100		
42	20.2	19.2	28.8
71	36.8	35.0	52.4

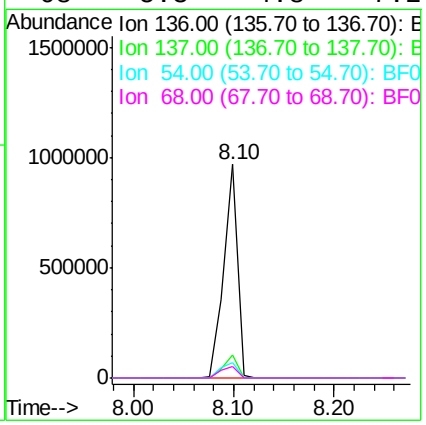


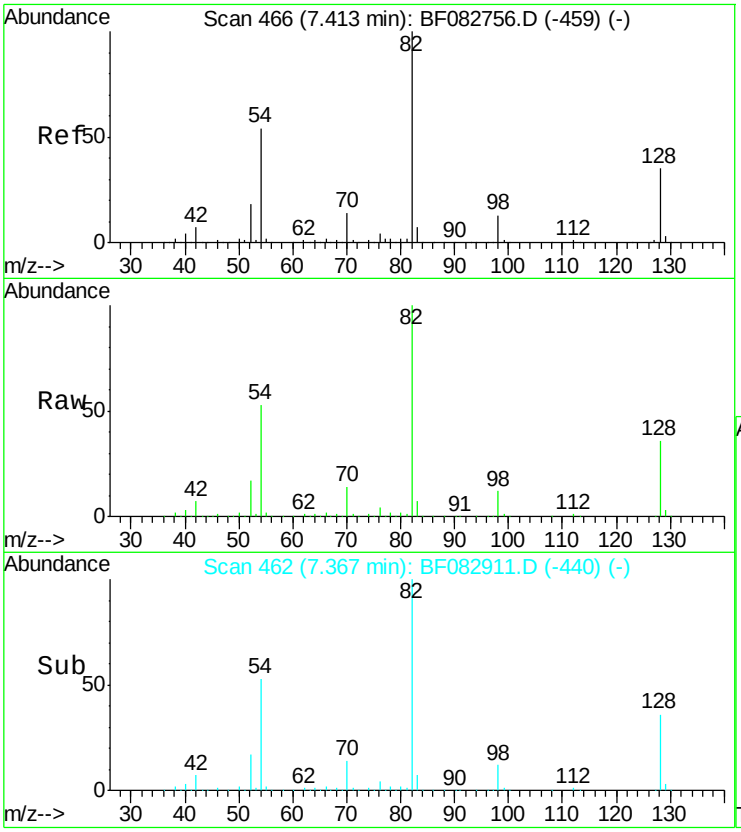


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Tgt Ion:136 Resp: 919025

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.2	9.1	13.7#
68	5.3	4.8	7.2



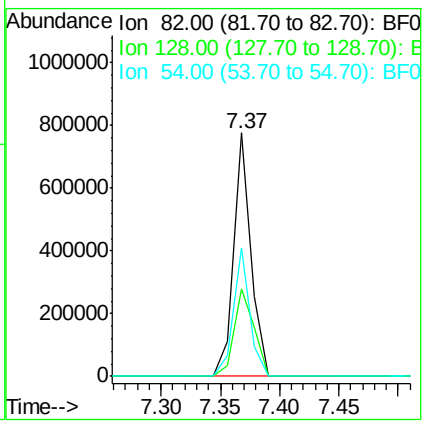


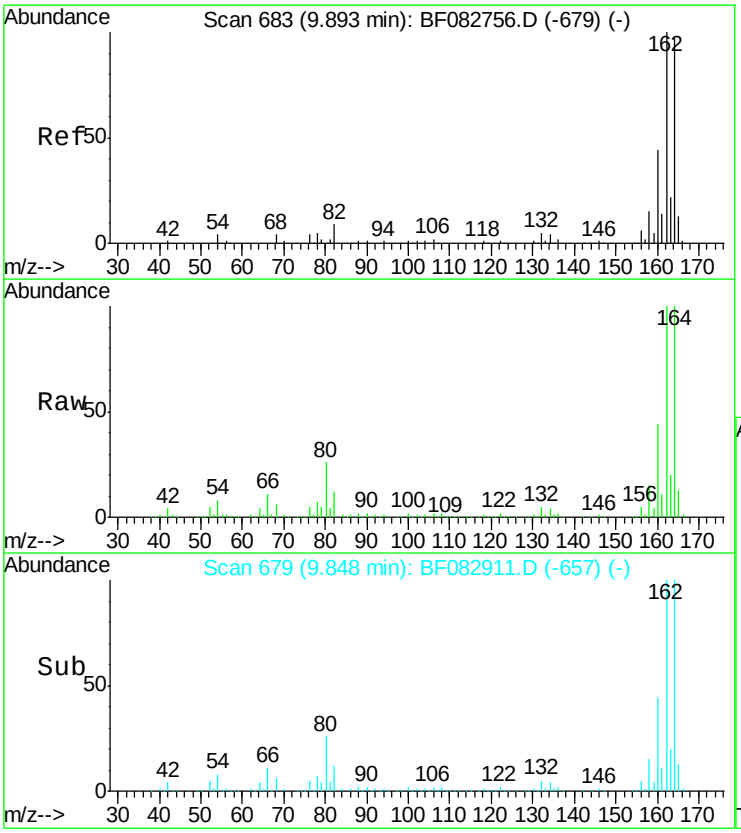
#23
Nitrobenzene-d5
Concen: 37.25 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SS-1-0-2IN

Tgt Ion: 82 Resp: 786815

Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.8	40.2
54	52.6	45.7	68.5

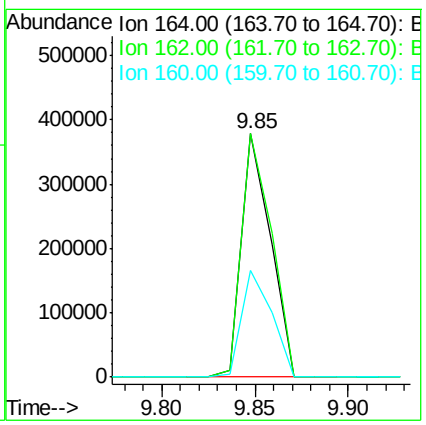


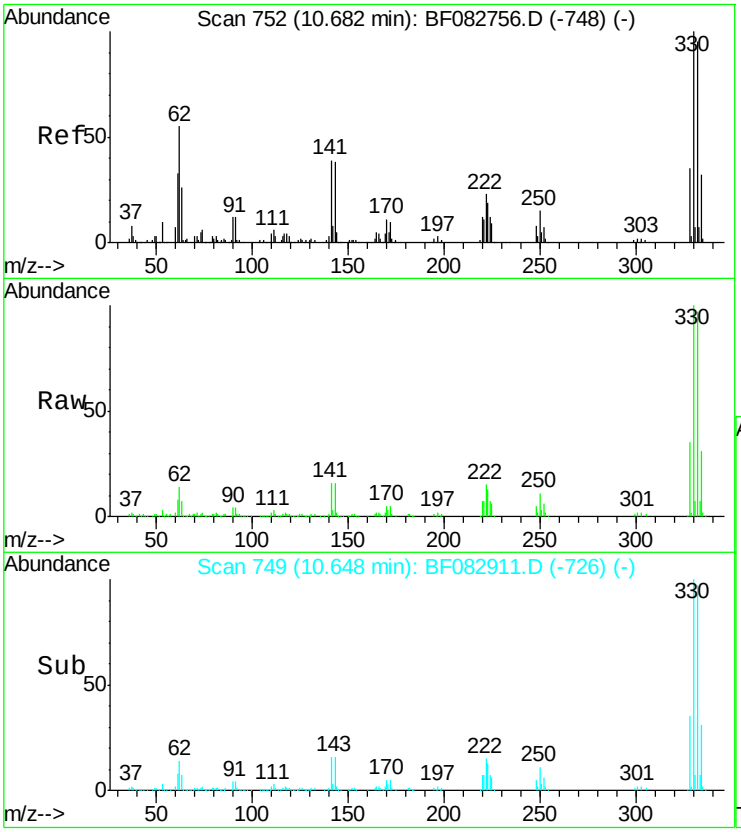


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Tgt Ion:164 Resp: 409011

Ion	Ratio	Lower	Upper
164	100		
162	99.9	84.9	127.3
160	43.7	37.5	56.3



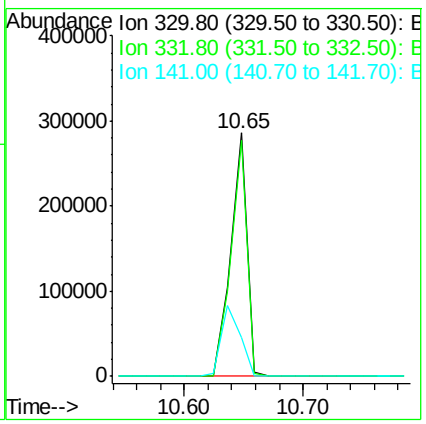


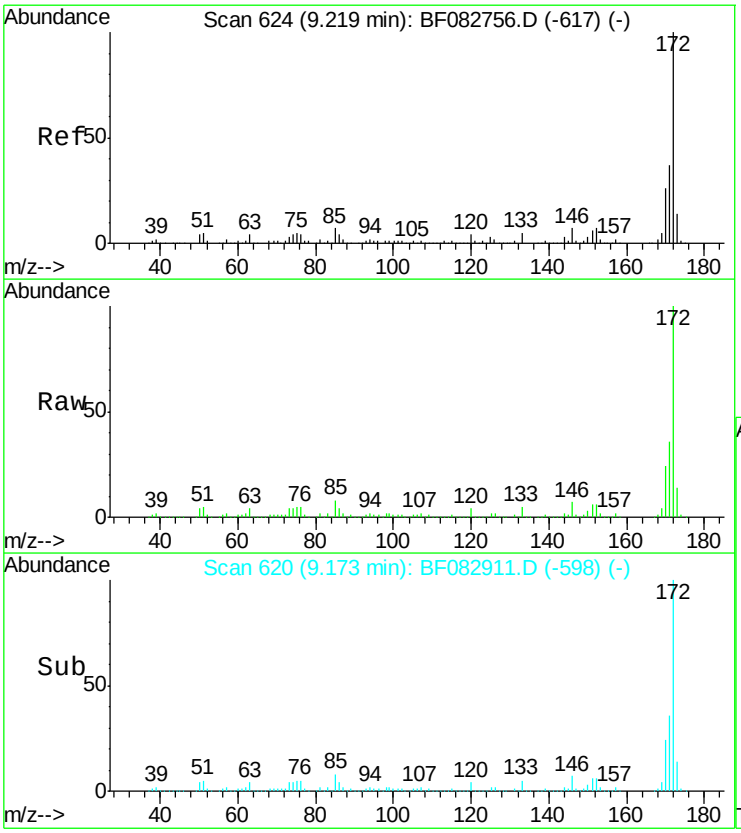
#41
2,4,6-Tribromophenol
Concen: 58.10 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SS-1-0-2IN

Tgt Ion:330 Resp: 272455

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	33.4	41.2	61.8#

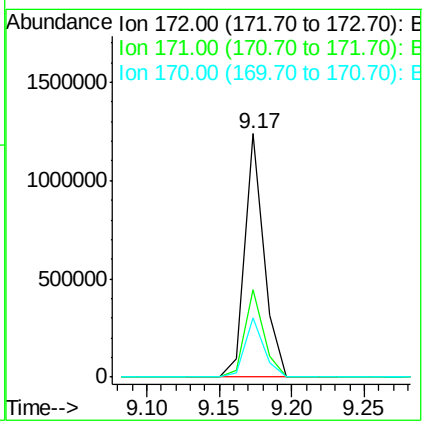


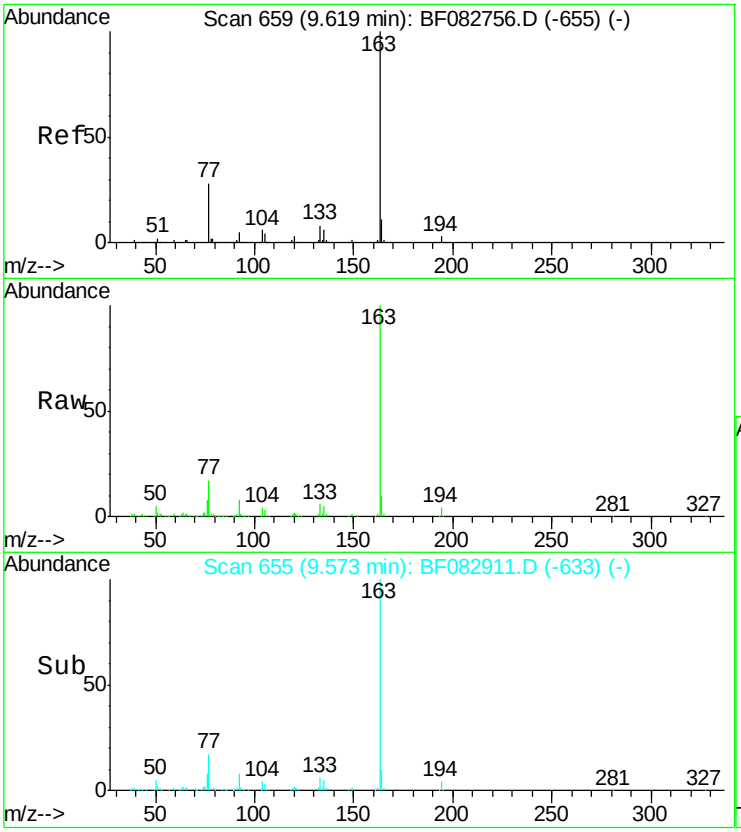


#44
2-Fluorobiphenyl
Concen: 39.76 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Tgt Ion:172 Resp: 1134539

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.8	46.2
170	24.4	21.2	31.8



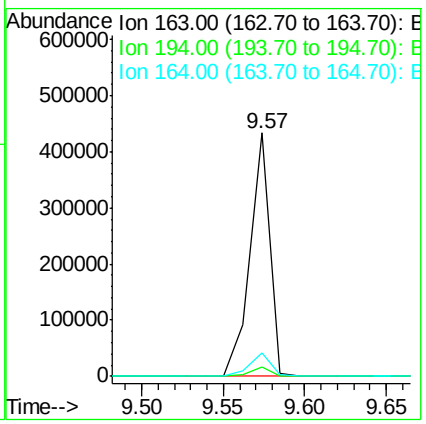


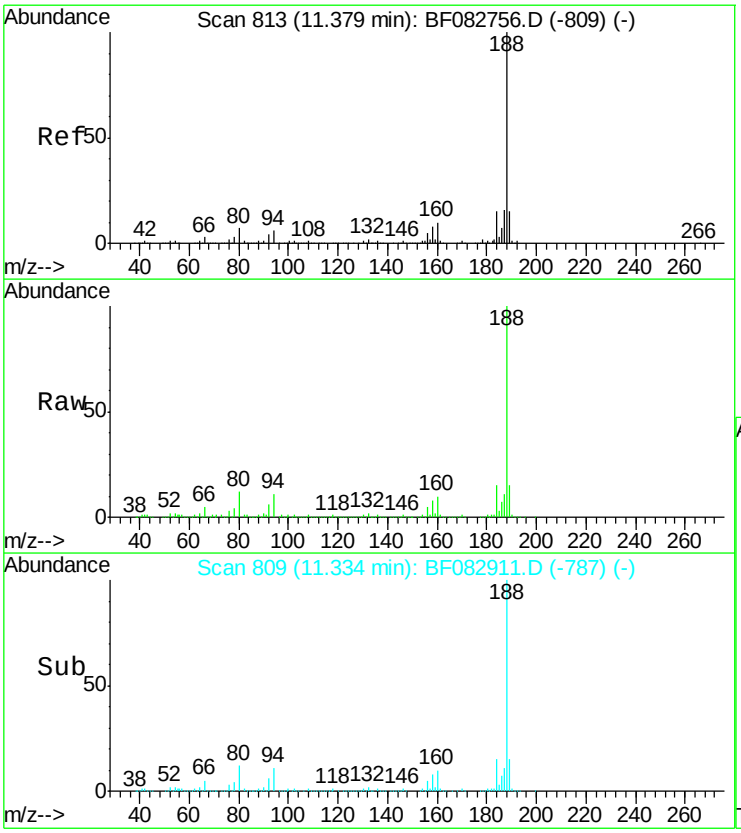
#49
Dimethylphthalate
Concen: 10.89 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SS-1-0-2IN

Tgt Ion:163 Resp: 364938

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	9.7	8.7	13.1

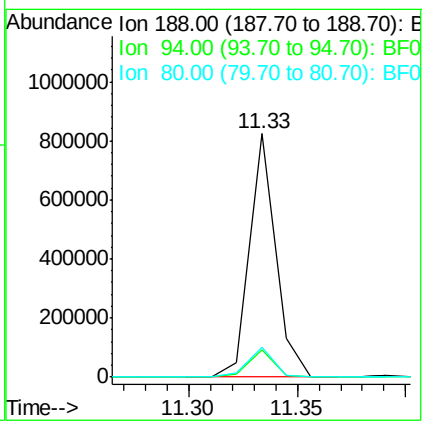


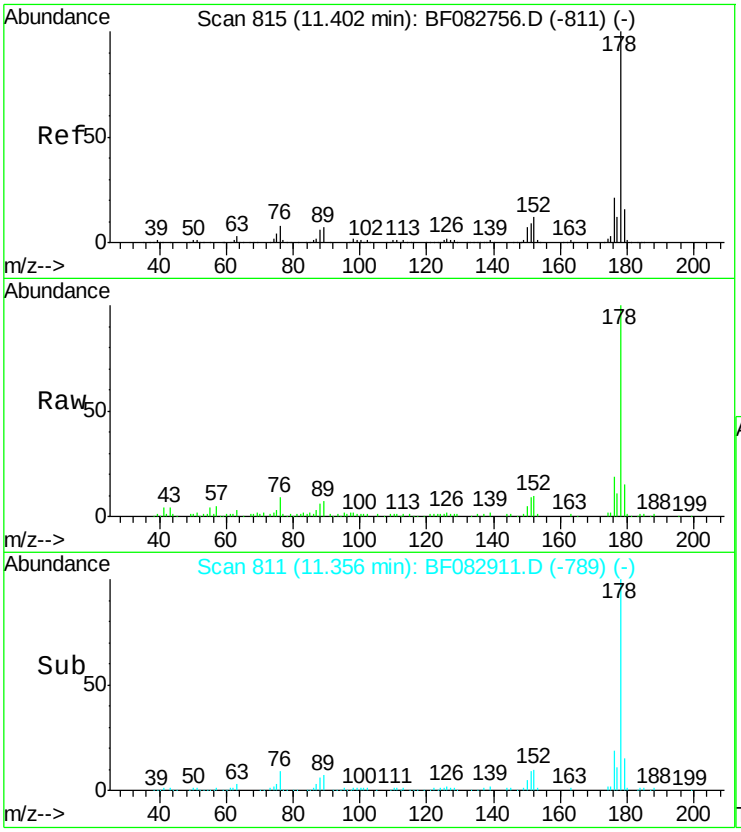


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Tgt Ion:188 Resp: 691594

Ion	Ratio	Lower	Upper
188	100		
94	11.1	6.1	9.1#
80	12.4	7.0	10.6#



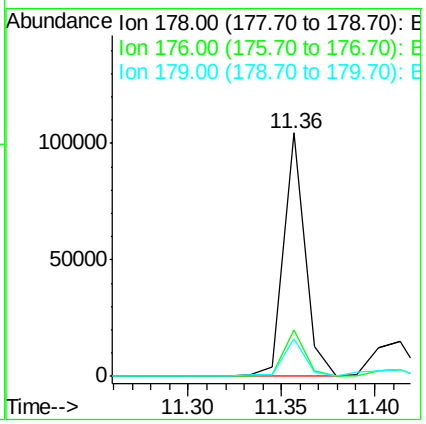


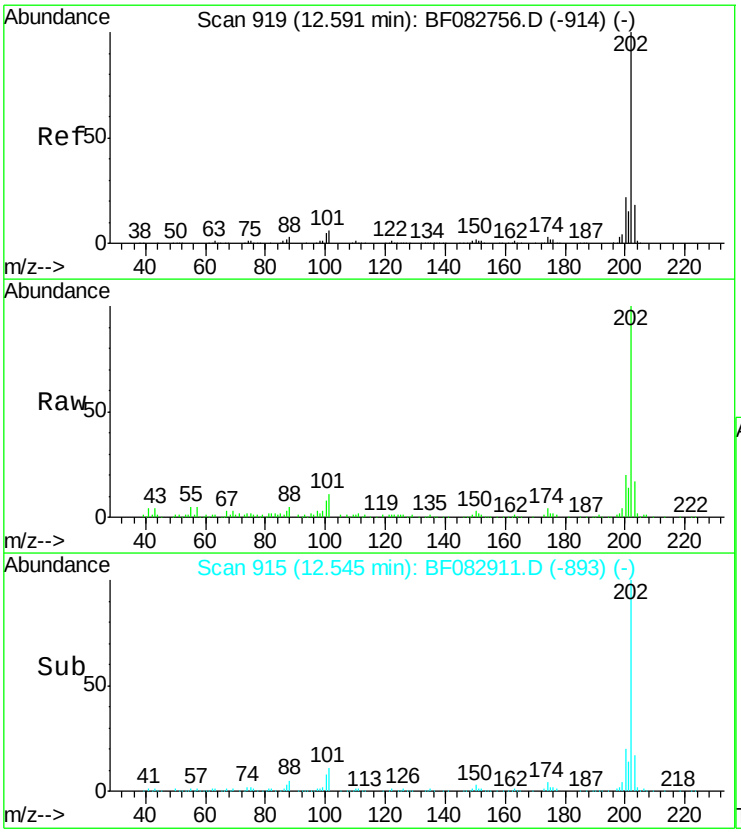
#70
Phenanthrene
Concen: 2.11 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SS-1-0-2IN

Tgt Ion:178 Resp: 84603

Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.0	25.4
179	15.3	13.4	20.0

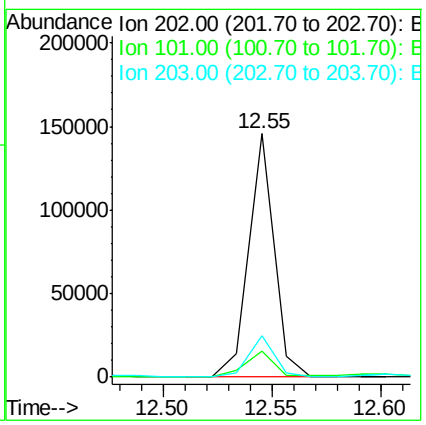


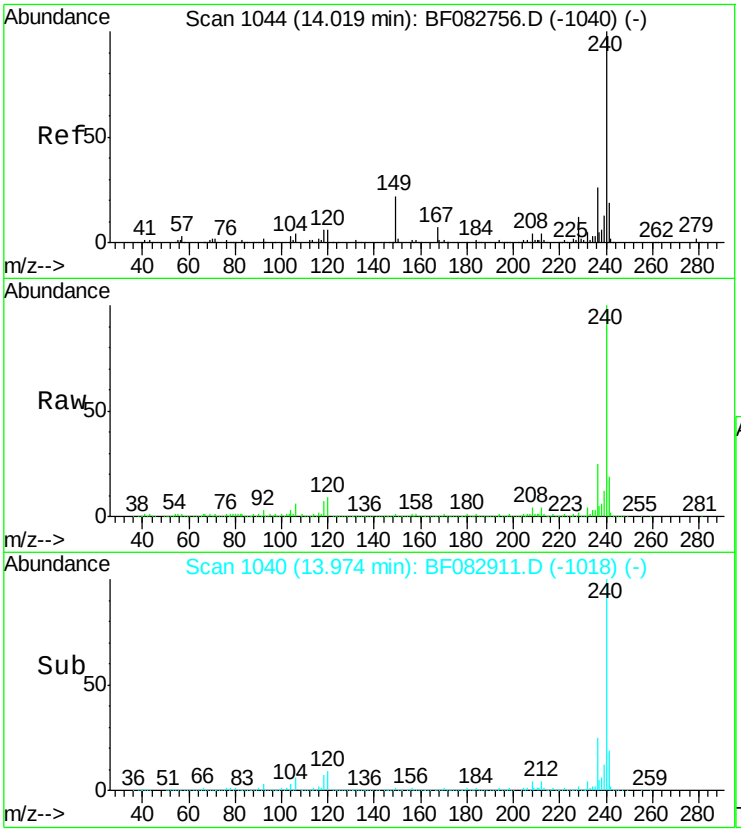


#74
Fluoranthene
Concen: 2.76 ng
RT: 12.55 min Scan# 915
Delta R.T. -0.05 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Tgt Ion:202 Resp: 118886

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.5
203	17.1	0.0	38.5



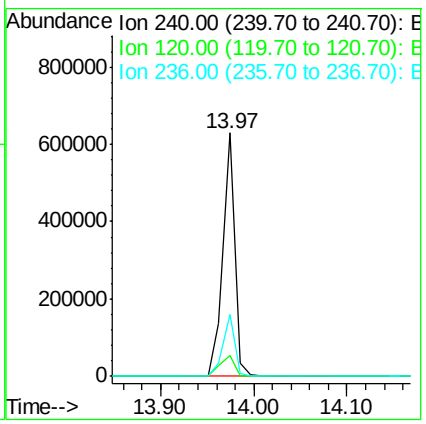


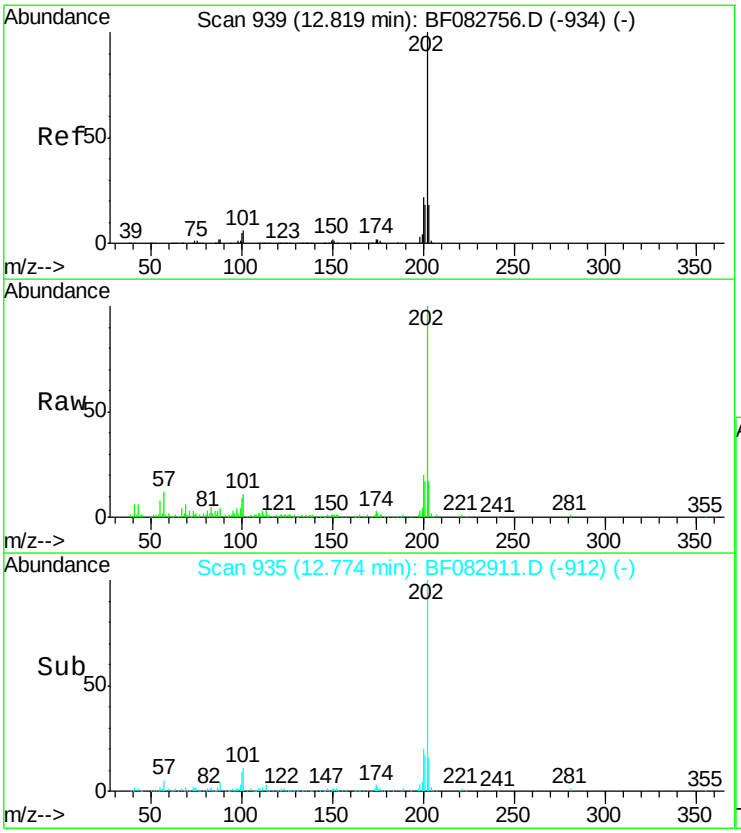
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SS-1-0-2IN

Tgt Ion:240 Resp: 557239

Ion	Ratio	Lower	Upper
240	100		
120	8.6	10.9	16.3#
236	25.4	21.6	32.4

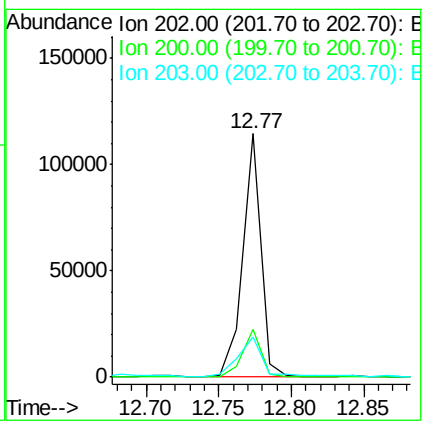


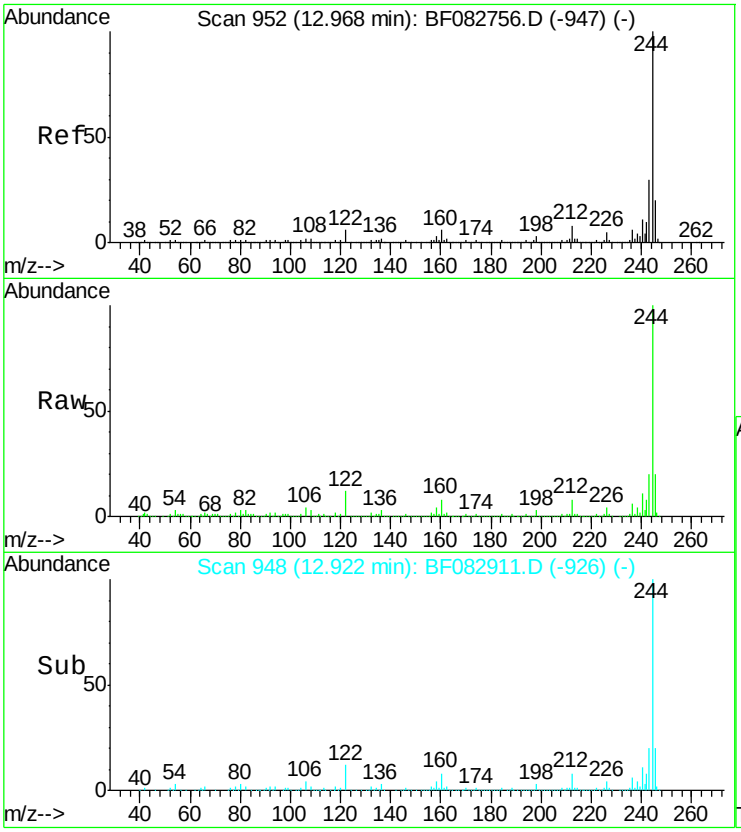


#77
Pyrene
Concen: 2.62 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Tgt Ion:202 Resp: 100357

Ion	Ratio	Lower	Upper
202	100		
200	19.8	18.7	28.1
203	16.5	14.8	22.2



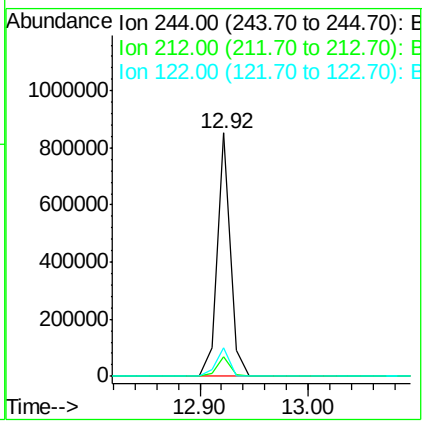


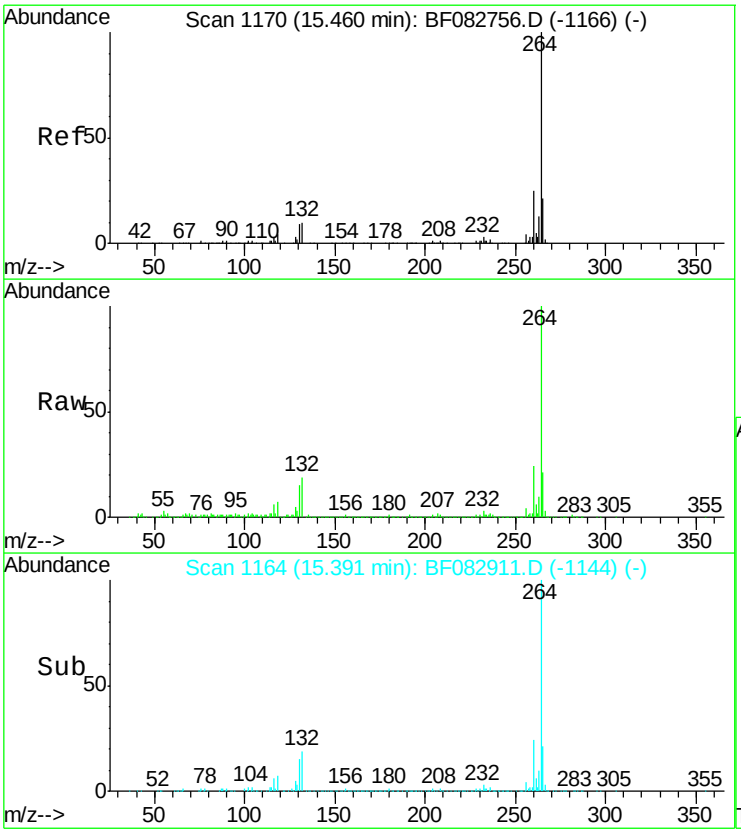
#78
Terphenyl-d14
Concen: 30.67 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.04 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SS-1-0-2IN

Tgt Ion:244 Resp: 720637

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.6	11.4
122	12.0	11.3	16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.07 min
Lab File: BF082911.D
Acq: 13 Nov 2015 21:54

Tgt Ion:264 Resp: 585936

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	21.3	17.4	26.0