Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090728.D
Acq On : 21 Oct 2016 23:37
Operator : UM/SJ
Sample : H5308-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101S

Quant Time: Oct 22 00:27:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	259348	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1114643	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	570528	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	929491	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	717847	20.00	ng	0.00
86) Perylene-d12	15.45	264	459473	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	849014	52.80	ng	0.00
7) Phenol-d6	6.49	99	700482	32.16	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1841536	90.61	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	770831	170.70	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2659074	72.35	ng	-0.01
78) Terphenyl-d14	12.97	244	2814782	89.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	26597	2.86	ng	# 80
49) Dimethylphthalate	9.61	163	102418	2.86	ng	# 97

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

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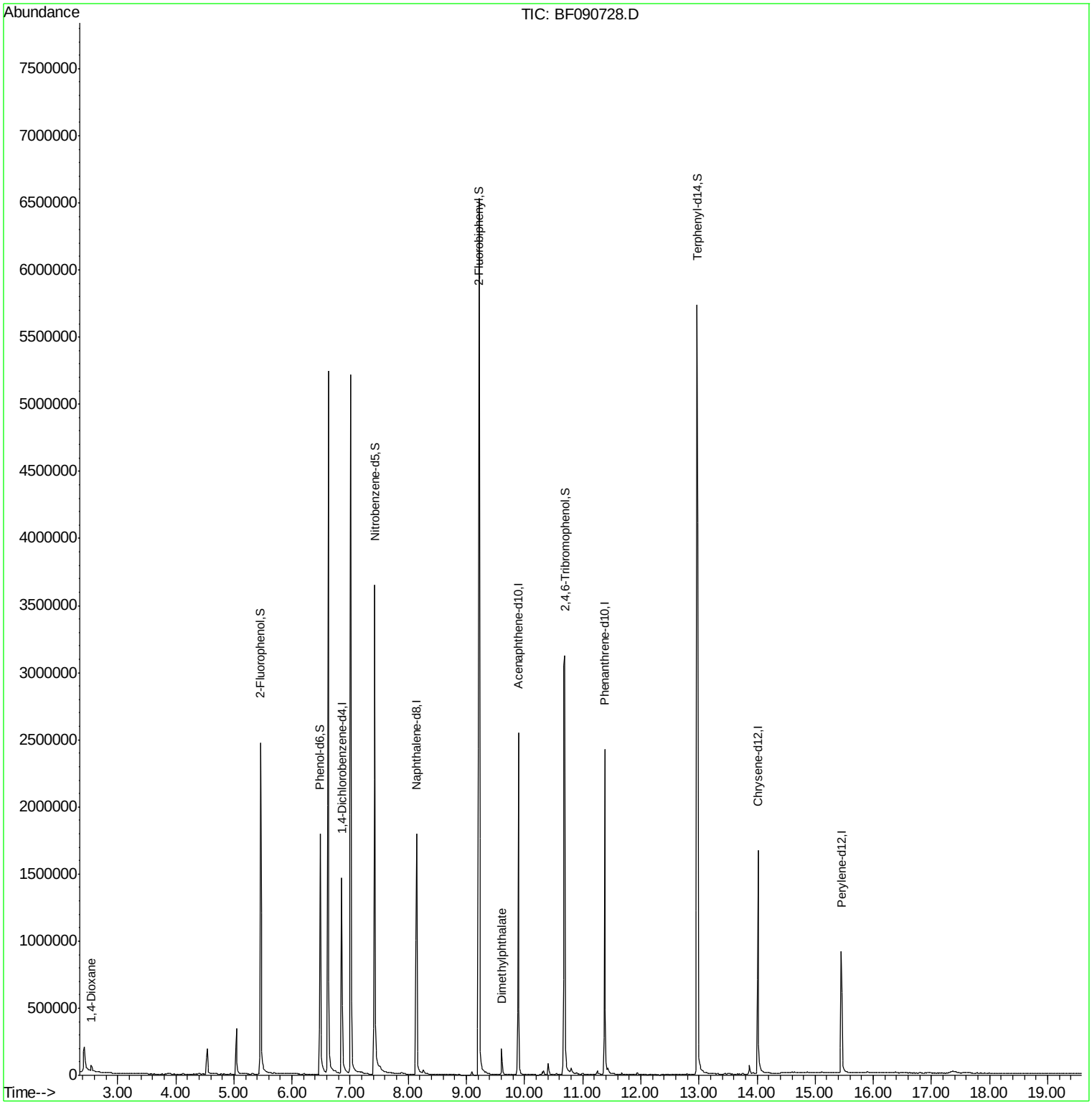
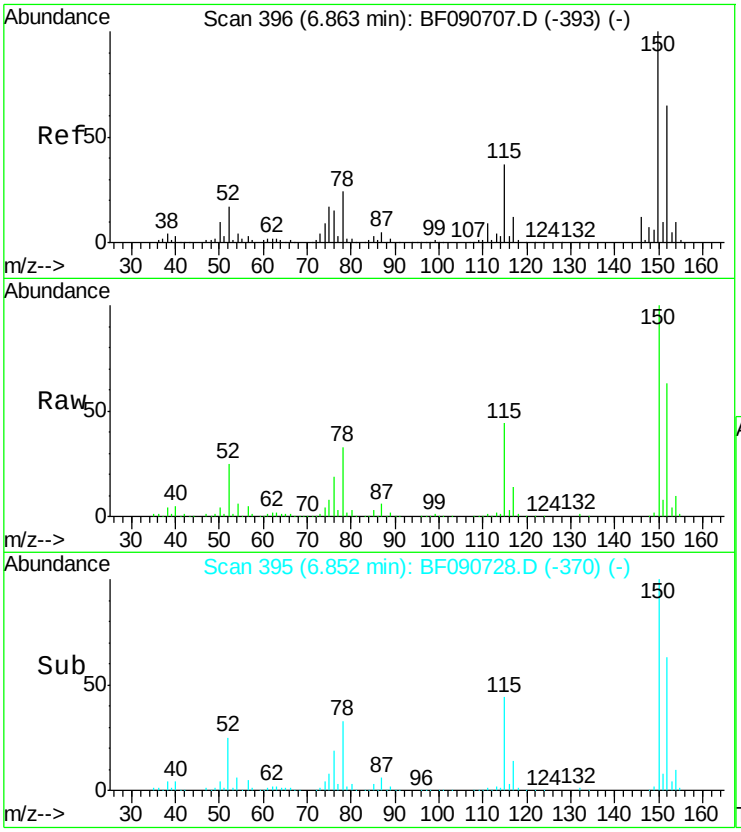


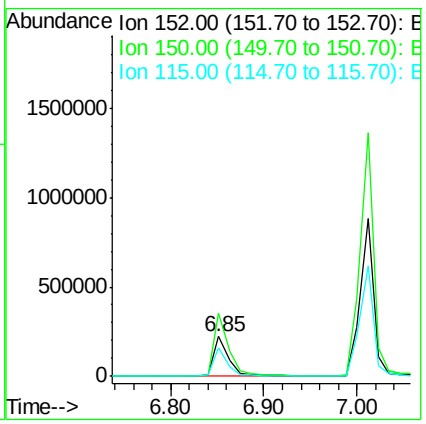


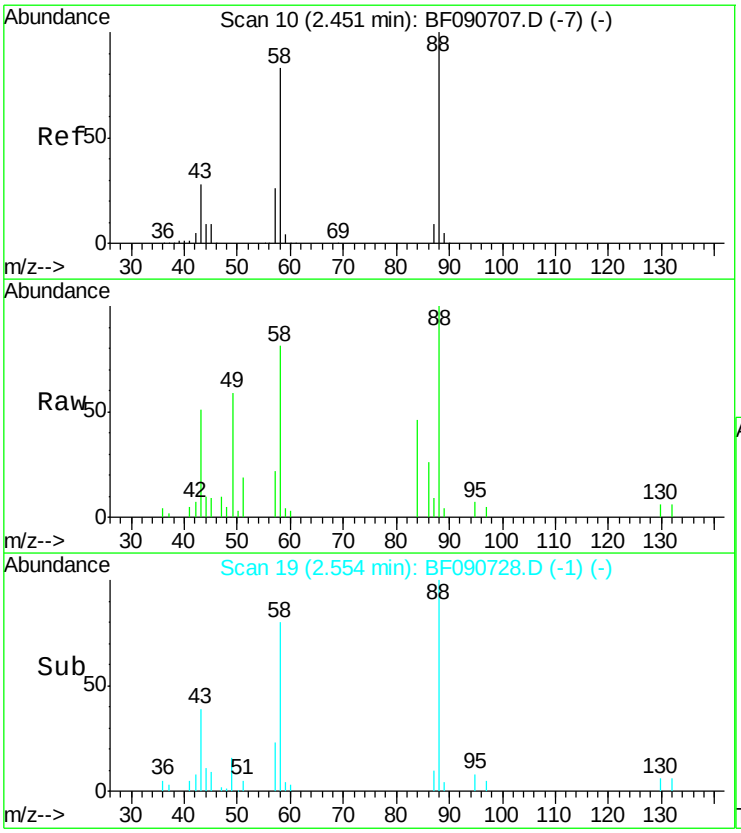
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:152 Resp: 259348

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.7	187.1
115	70.0	39.0	58.4#

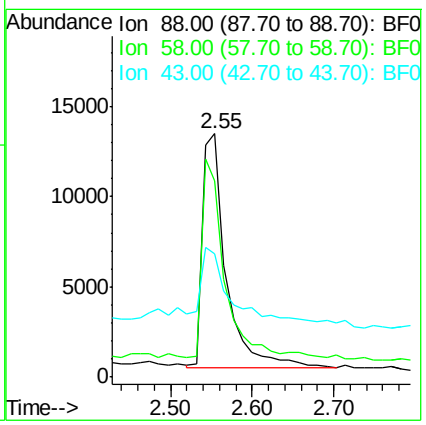


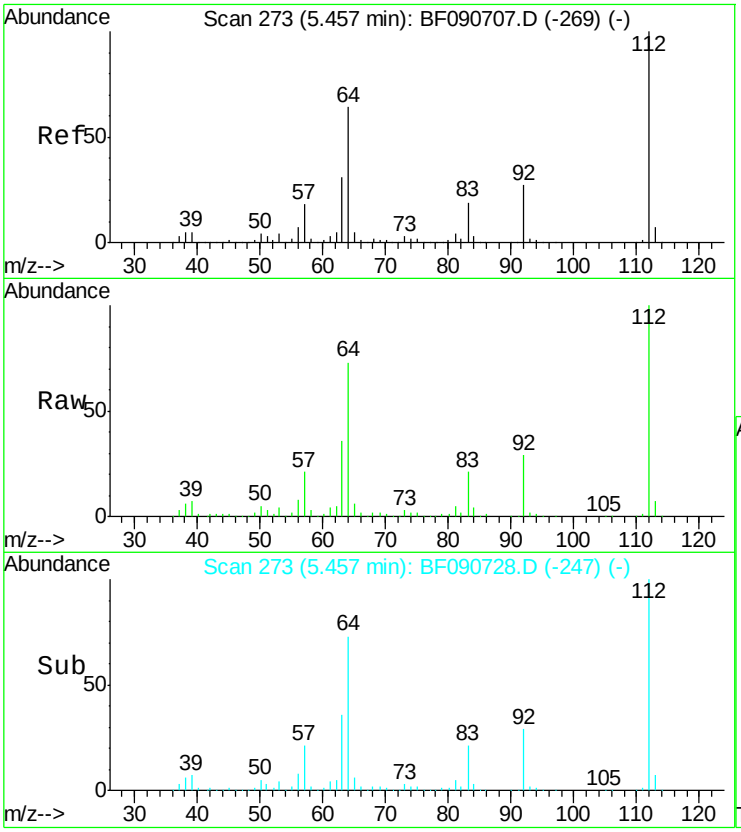


#2
1,4-Dioxane
Concen: 2.86 ng
RT: 2.55 min Scan# 19
Delta R.T. 0.07 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Tgt Ion: 88 Resp: 26597

Ion	Ratio	Lower	Upper
88	100		
58	88.9	77.7	116.5
43	64.7	26.6	40.0#



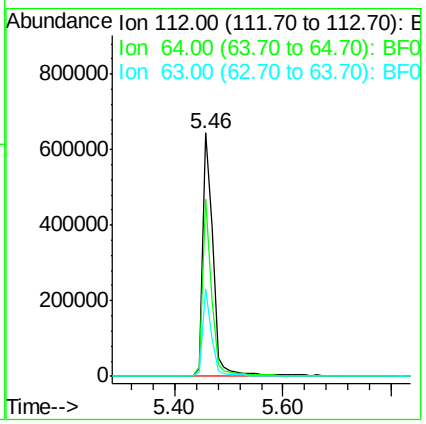


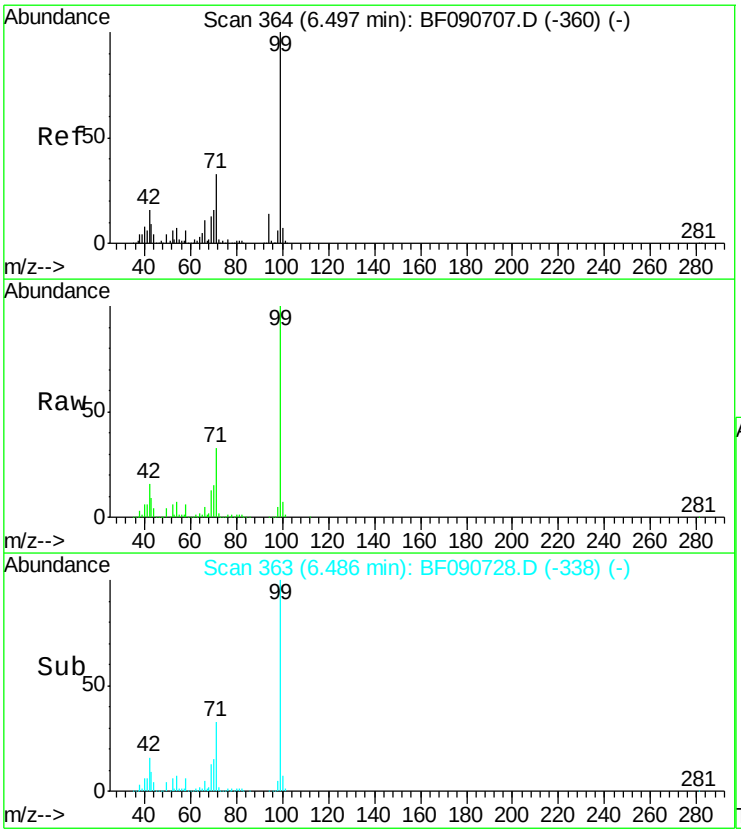
#5
2-Fluorophenol
Concen: 52.80 ng
RT: 5.46 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:112 Resp: 849014

Ion	Ratio	Lower	Upper
112	100		
64	72.8	39.7	59.5#
63	36.0	17.4	26.0#

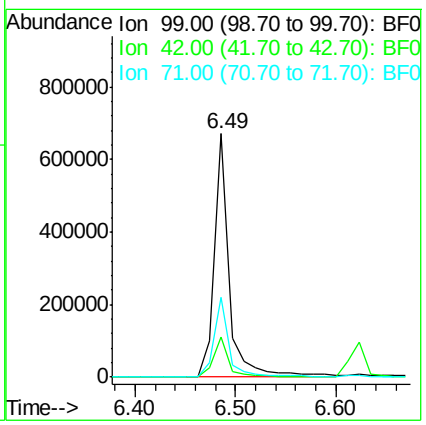


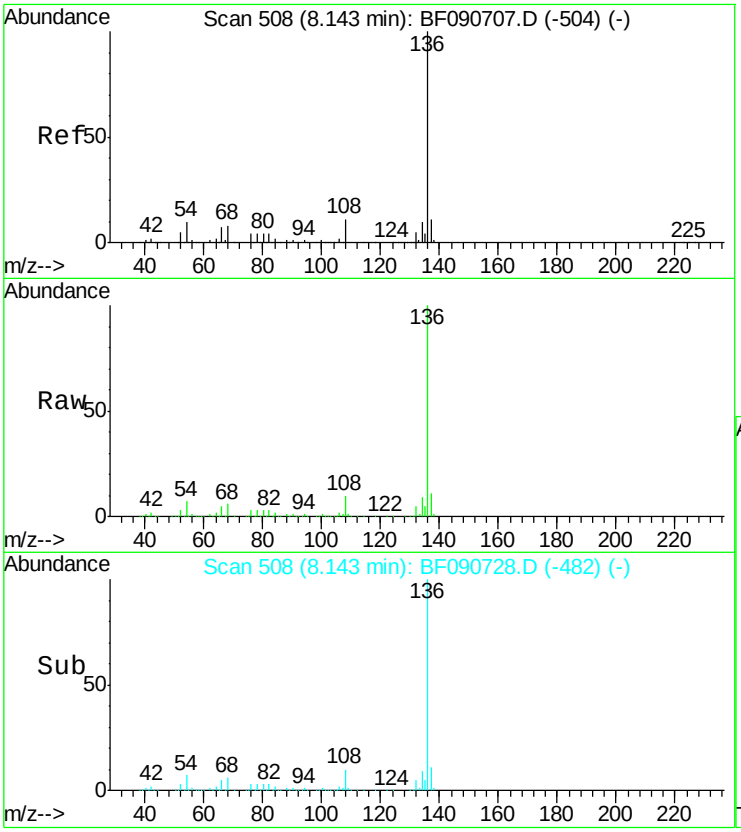


#7
Phenol-d6
Concen: 32.16 ng
RT: 6.49 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Tgt Ion: 99 Resp: 700482

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.7	20.5
71	33.0	14.2	21.2#



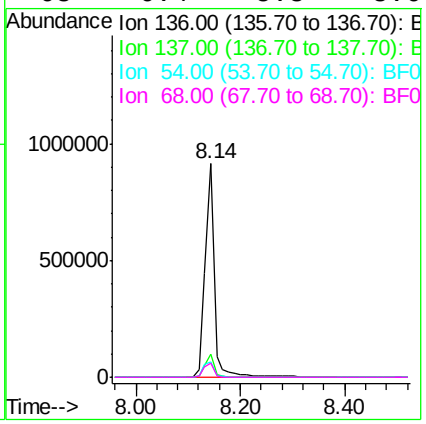


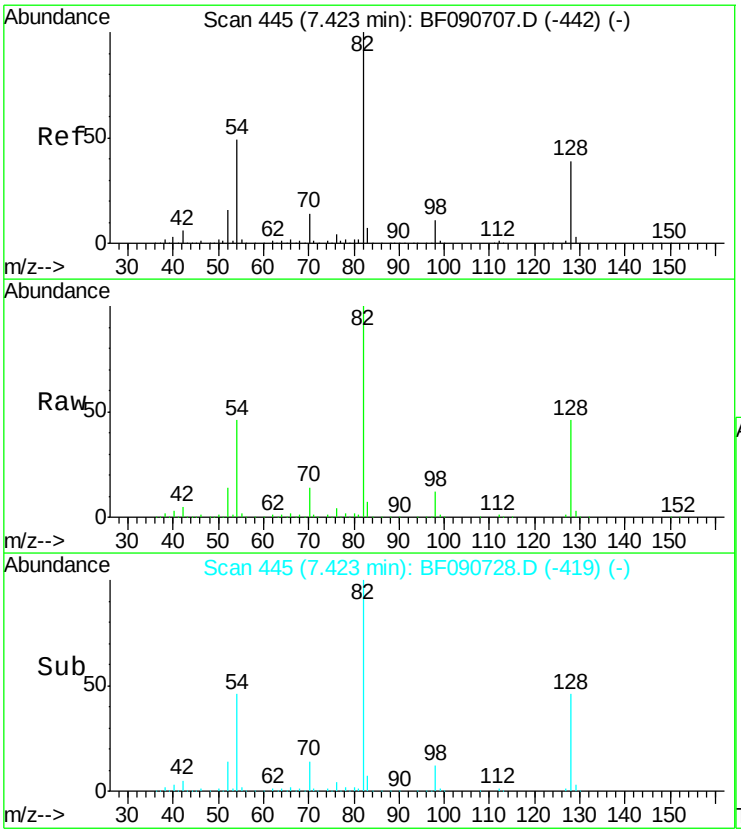
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:136 Resp: 1114643

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.1	8.2	12.2#
68	6.4	5.8	8.6

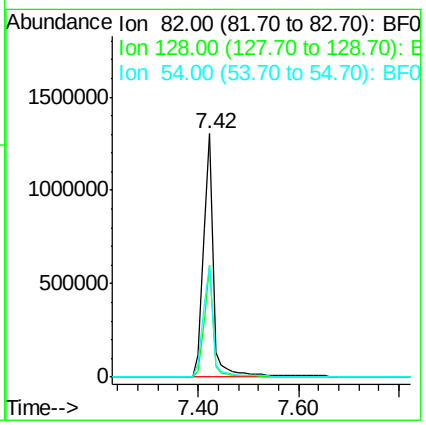


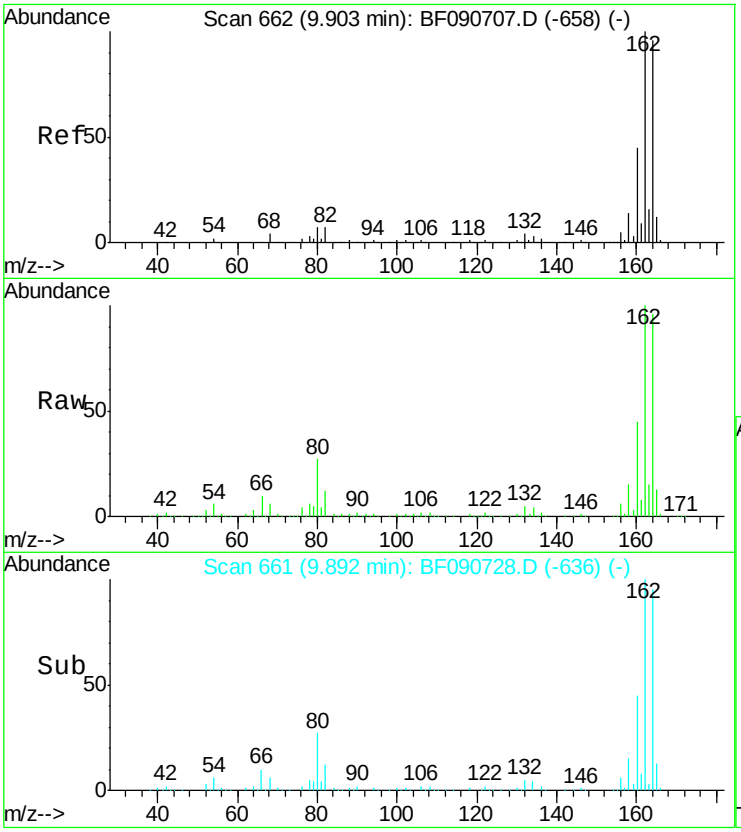


#23
Nitrobenzene-d5
Concen: 90.61 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Tgt Ion: 82 Resp: 1841536

Ion	Ratio	Lower	Upper
82	100		
128	45.9	51.0	76.6#
54	45.9	47.5	71.3#



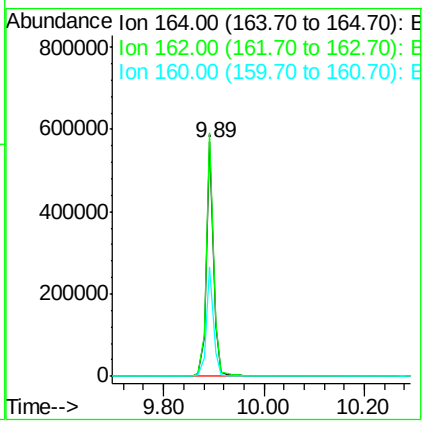


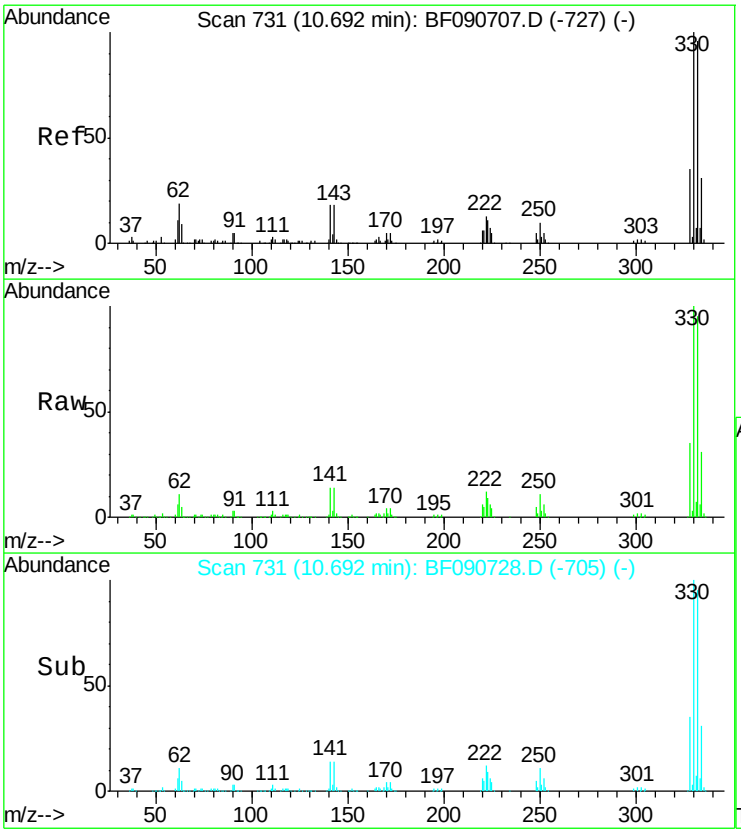
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:164 Resp: 570528

Ion	Ratio	Lower	Upper
164	100		
162	103.9	75.2	112.8
160	46.8	31.5	47.3

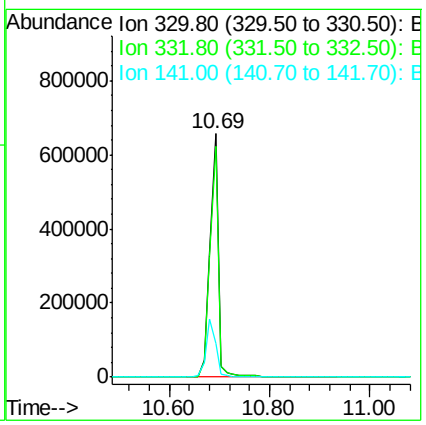


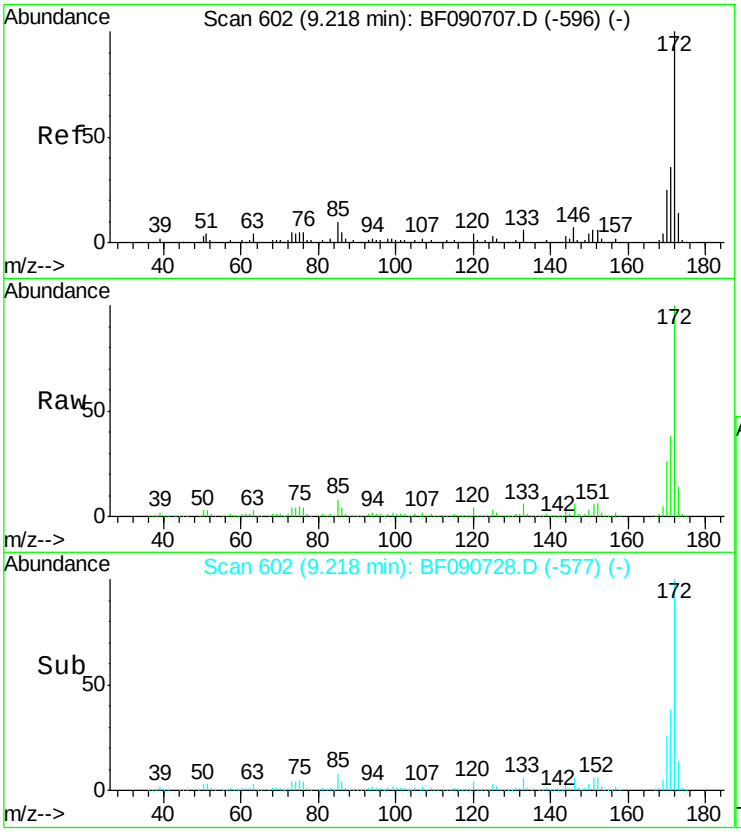


#41
2,4,6-Tribromophenol
Concen: 170.70 ng
RT: 10.69 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Tgt Ion:330 Resp: 770831

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	28.0	29.7	44.5#



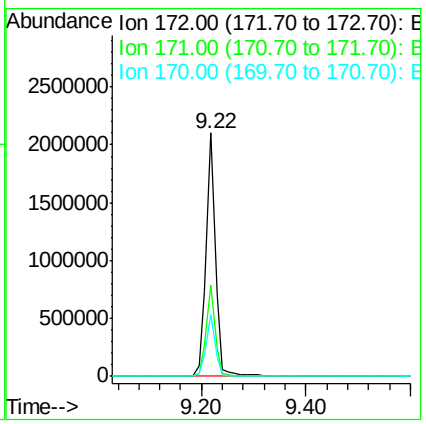


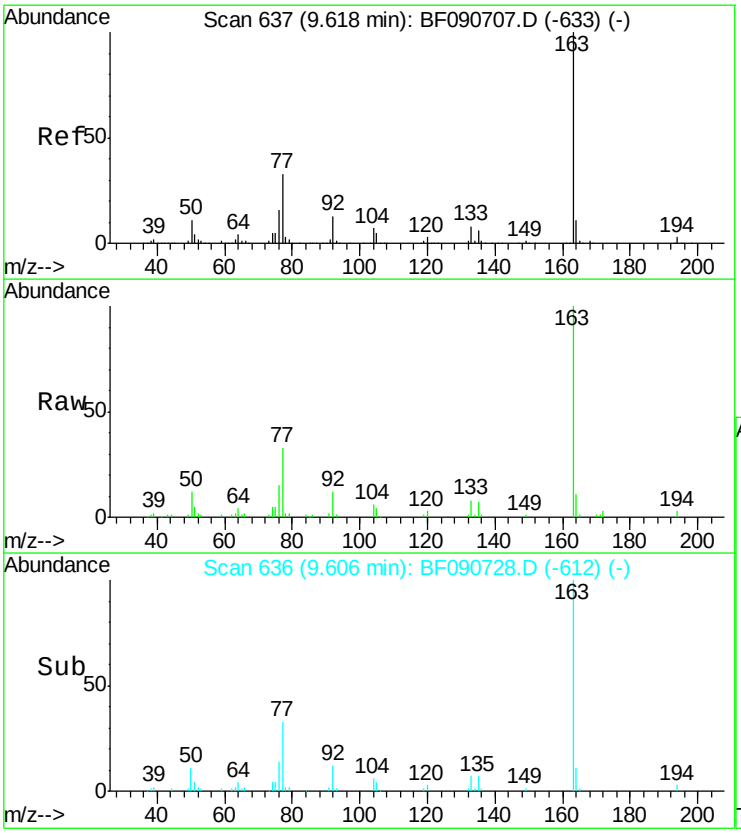
#44
2-Fluorobiphenyl
Concen: 72.35 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:172 Resp: 2659074

Ion	Ratio	Lower	Upper
172	100		
171	37.7	26.1	39.1
170	25.7	17.4	26.2

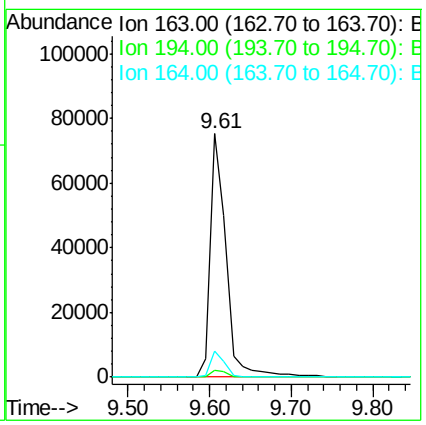


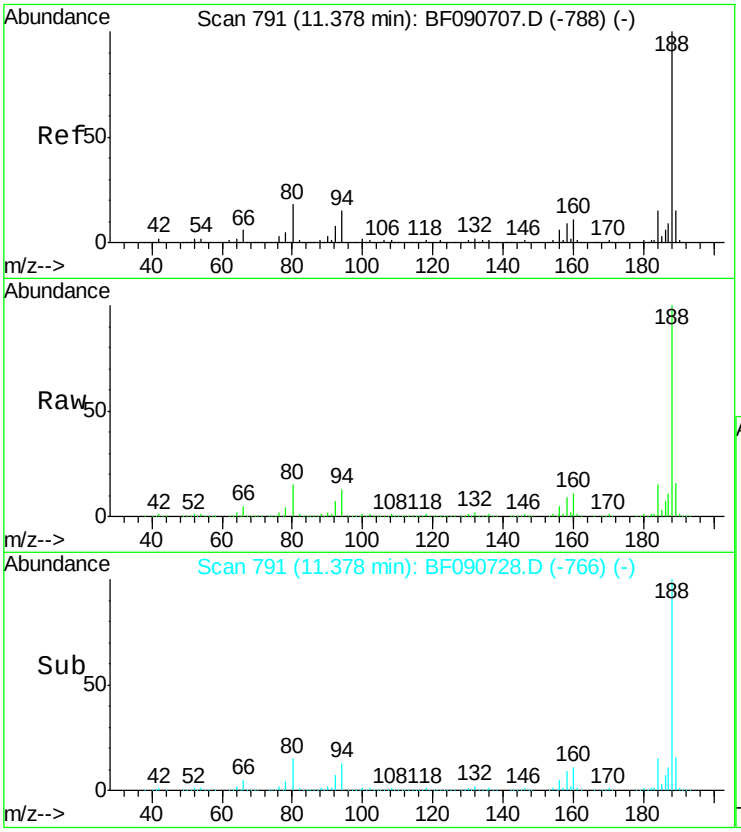


#49
Dimethylphthalate
Concen: 2.86 ng
RT: 9.61 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Tgt Ion:163 Resp: 102418

Ion	Ratio	Lower	Upper
163	100		
194	2.7	4.4	6.6#
164	10.6	8.3	12.5



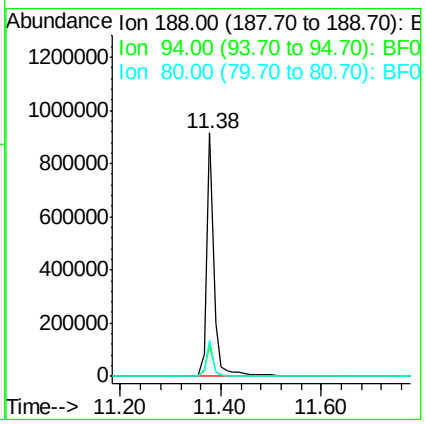


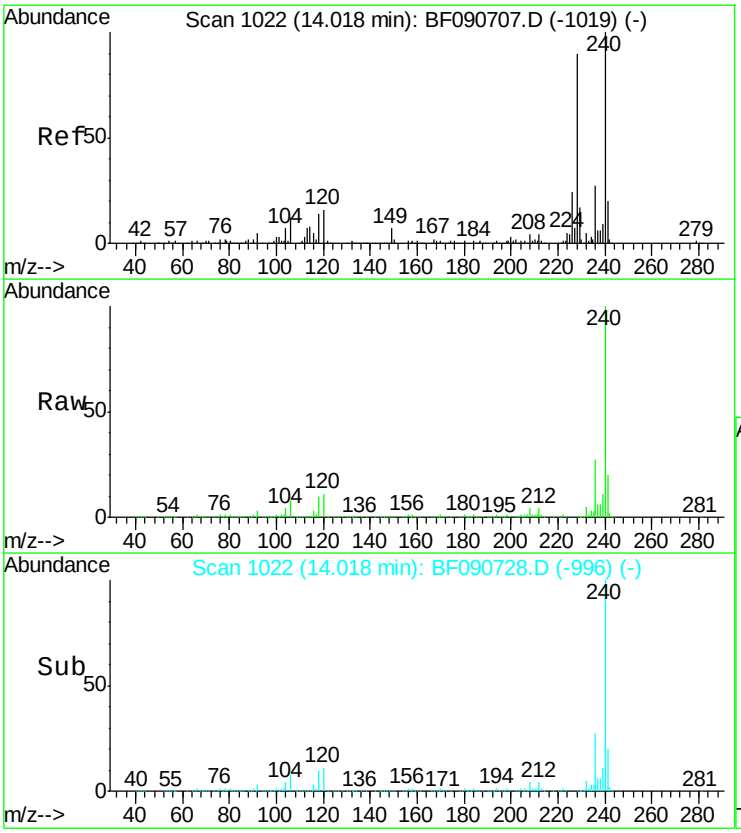
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:188 Resp: 929491

Ion	Ratio	Lower	Upper
188	100		
94	12.9	11.1	16.7
80	14.8	11.0	16.4

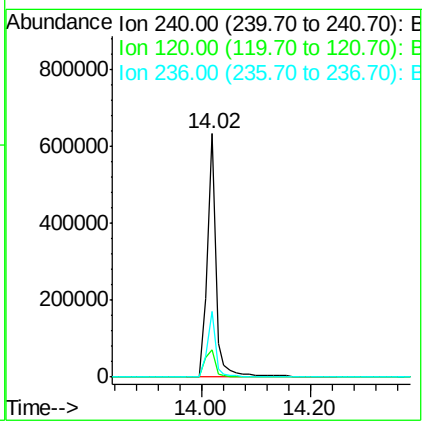


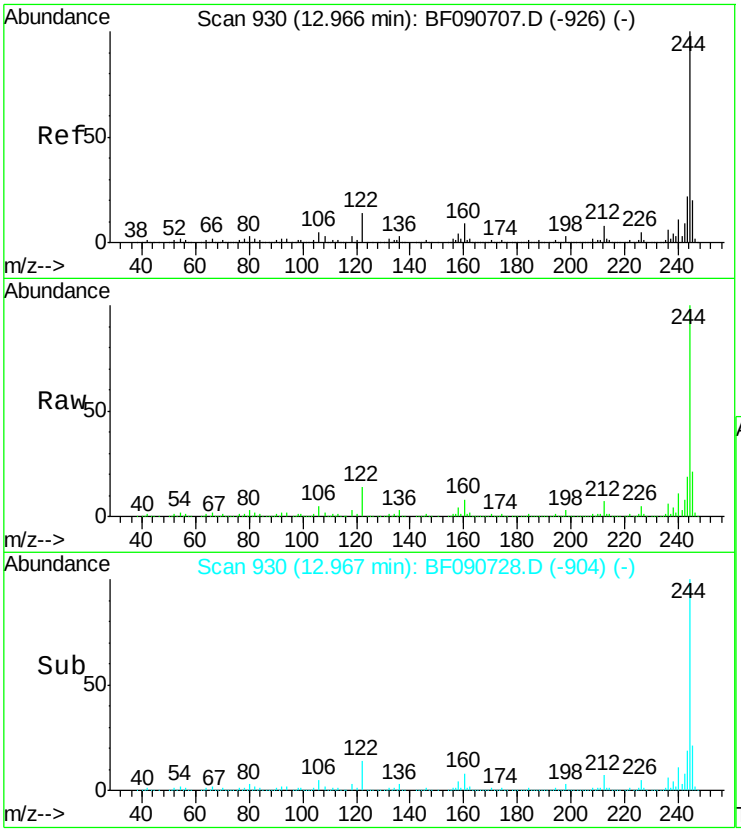


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Tgt Ion:240 Resp: 717847

Ion	Ratio	Lower	Upper
240	100		
120	11.3	16.2	24.2#
236	27.2	18.4	27.6



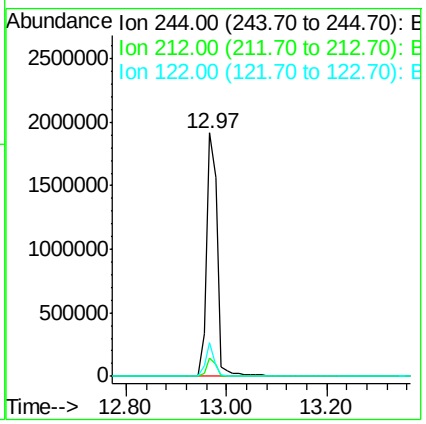


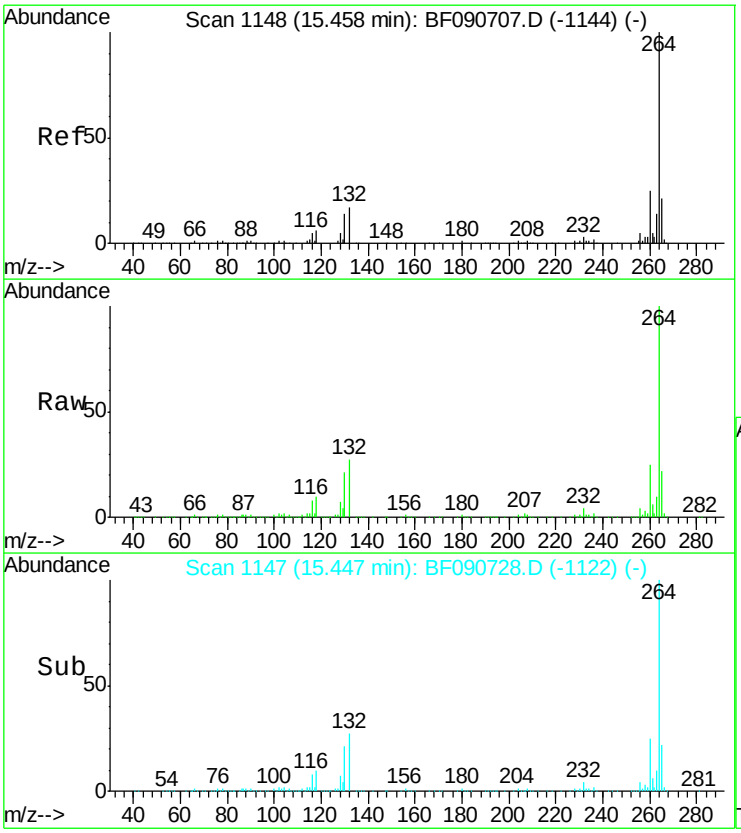
#78
Terphenyl-d14
Concen: 89.87 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Instrument :
BNA_F
ClientSampleId :
MW-101S

Tgt Ion:244 Resp: 2814782

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.3	6.5#
122	13.8	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090728.D
Acq: 21 Oct 2016 23:37

Tgt Ion:264 Resp: 459473

Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	22.3	17.2	25.8