Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097815.D
Acq On : 18 Aug 2017 5:31
Operator : SJ/JU
Sample : I4752-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW-8-GW

Quant Time: Aug 18 07:28:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	130396	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	425546	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	161840	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	272180	20.00	ng	0.00
75) Chrysene-d12	13.93	240	290131	20.00	ng	-0.01
86) Perylene-d12	15.36	264	201746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	139830	16.31	ng	0.02
7) Phenol-d6	6.42	99	600679	51.57	ng	0.01
23) Nitrobenzene-d5	7.35	82	721230	92.07	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	169539	120.73	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	918973	83.43	ng	0.00
78) Terphenyl-d14	12.89	244	801037	57.58	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.19	107	110187	11.323	ng	# 50
27) 2,4-Dimethylphenol	7.75	122	542651	79.882	ng	# 93
31) Naphthalene	8.10	128	4205025	190.340	ng	98
37) 2-Methylnaphthalene	8.78	142	631045	46.590	ng	98

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

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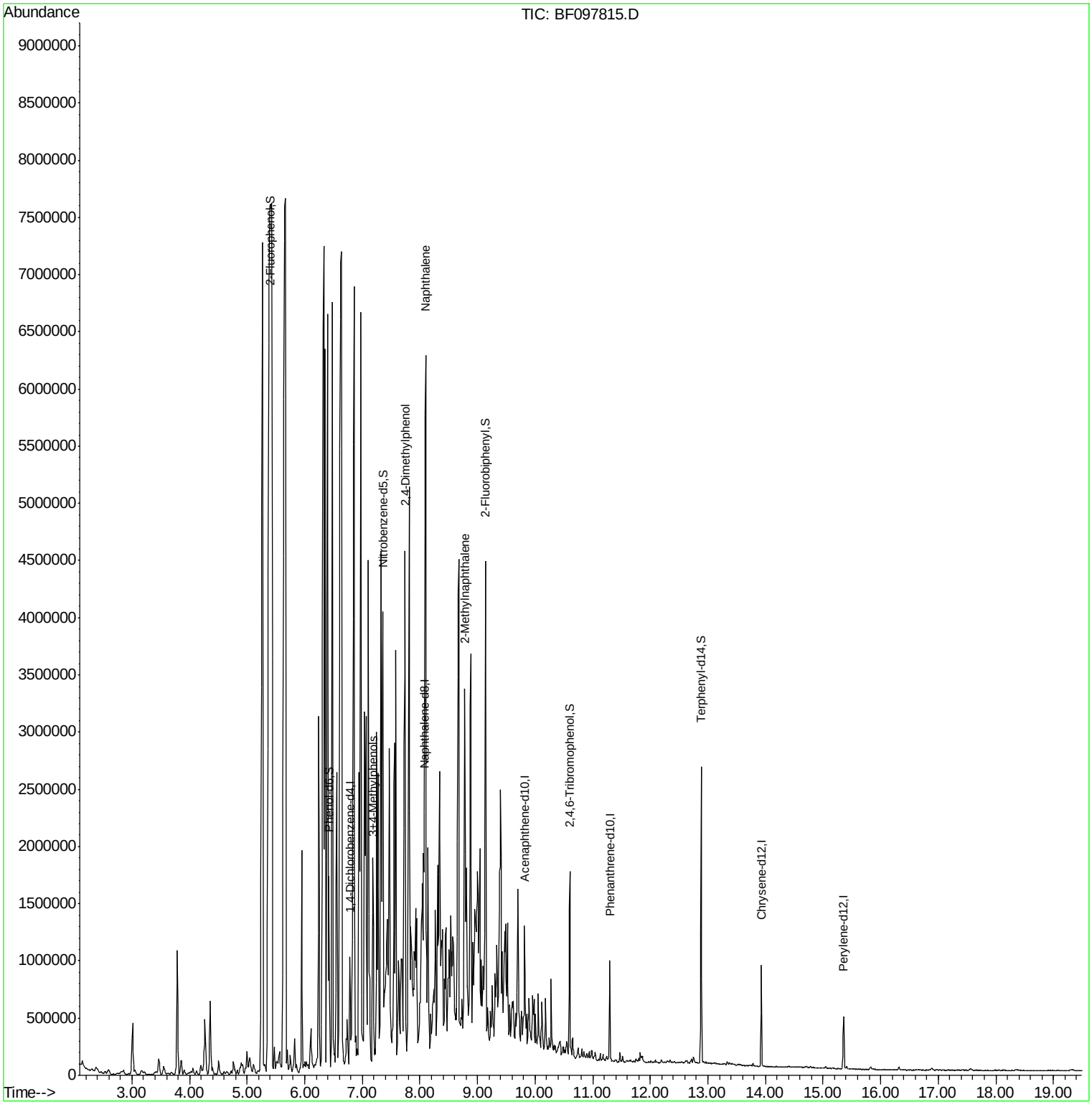
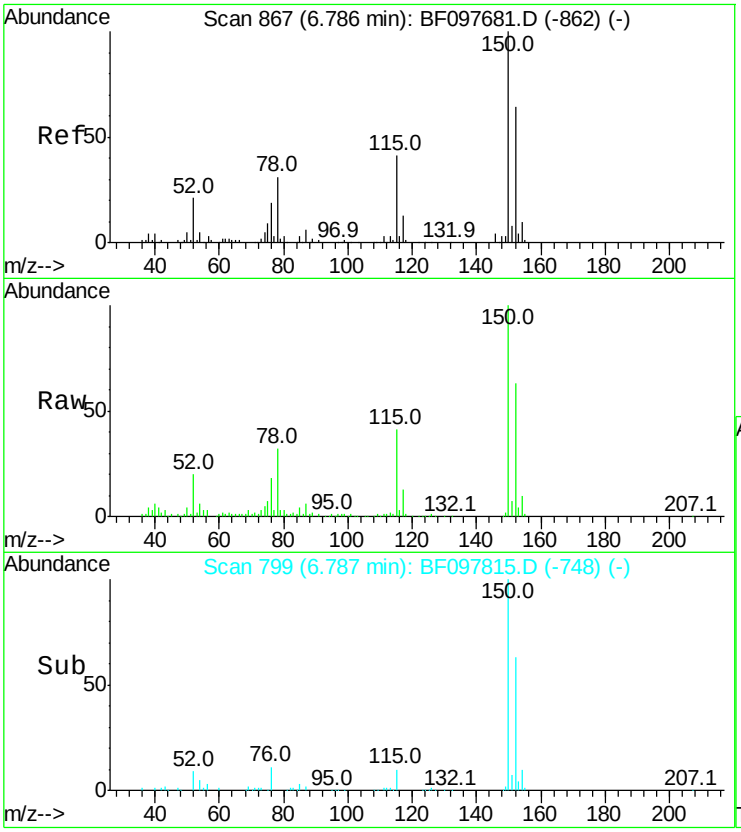


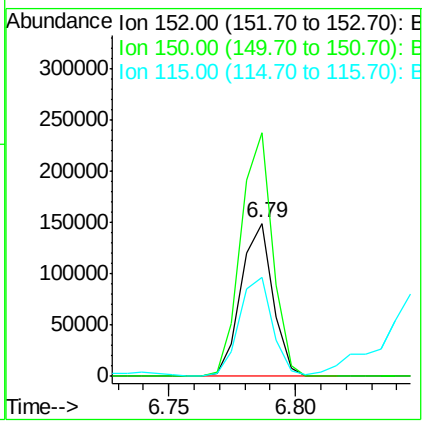


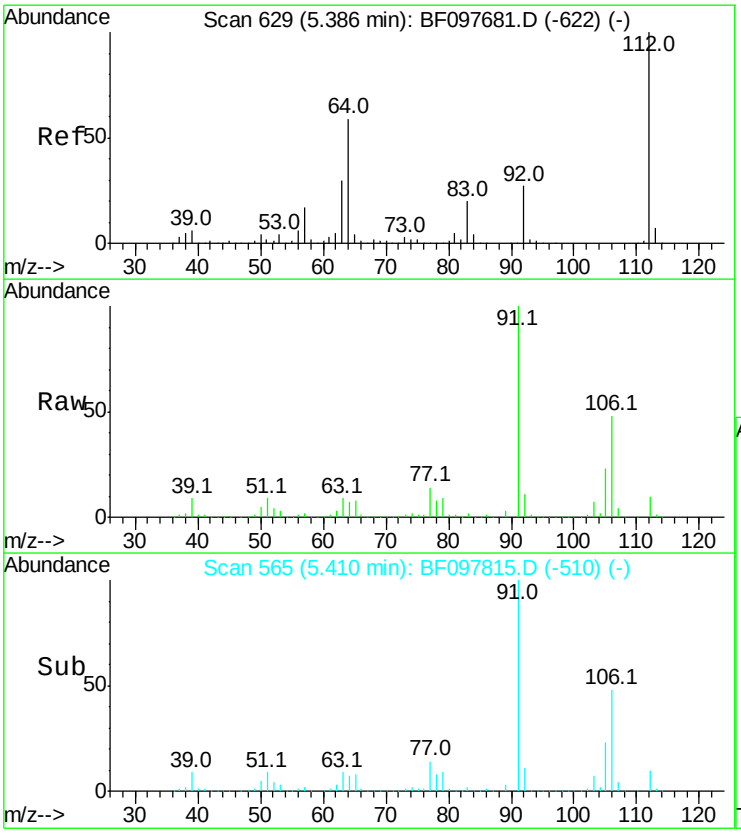
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-8-GW

Tgt Ion:152 Resp: 130396

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	64.7	52.2	78.2

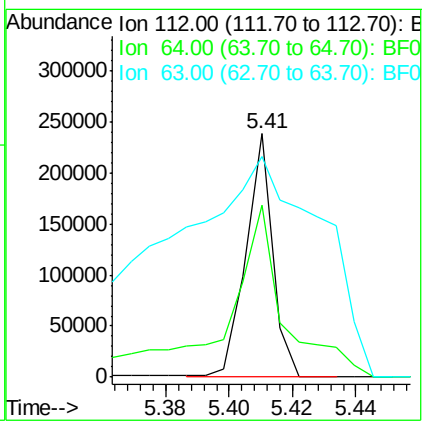


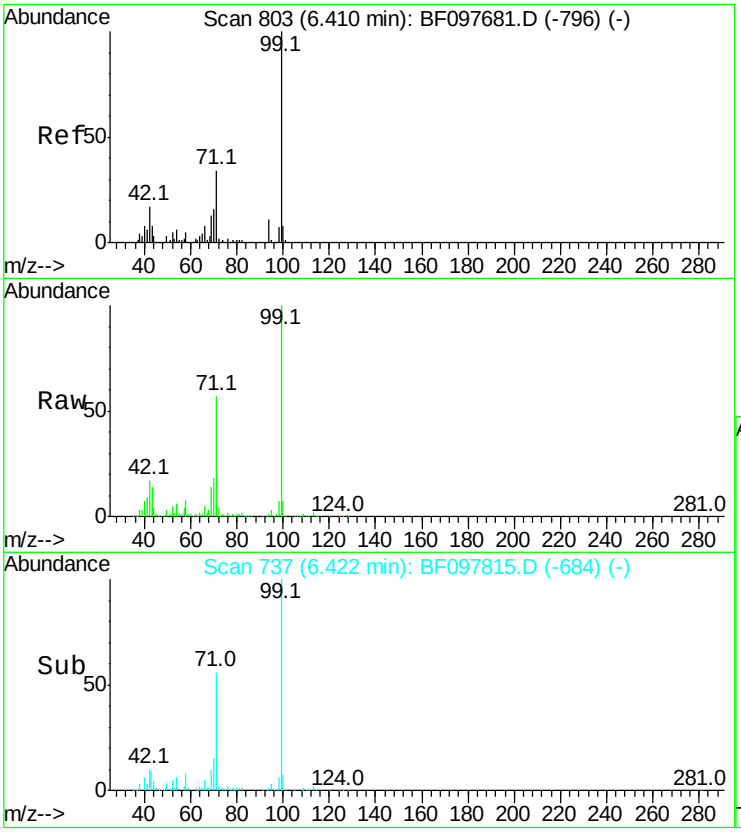


#5
2-Fluorophenol
Concen: 16.311 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Tgt Ion:112 Resp: 139830

Ion	Ratio	Lower	Upper
112	100		
64	70.5	46.0	69.0#
63	90.5	23.4	35.0#



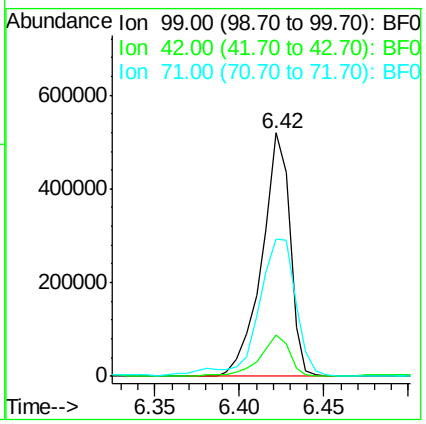


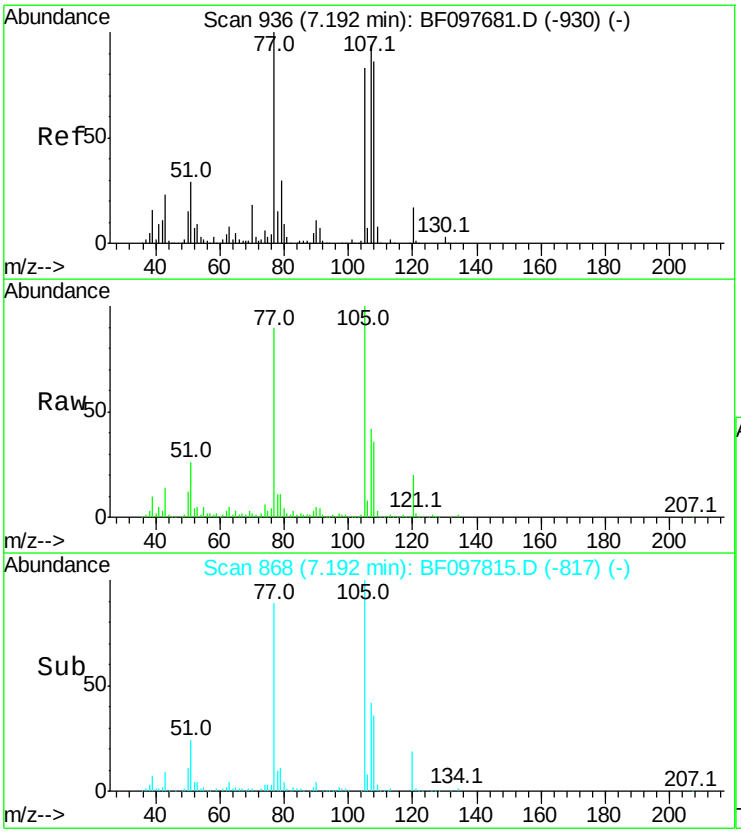
#7
Phenol-d6
Concen: 51.570 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-8-GW

Tgt Ion: 99 Resp: 600679

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	56.7	24.5	36.7#

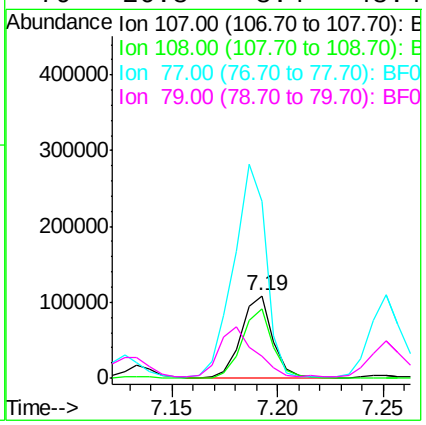


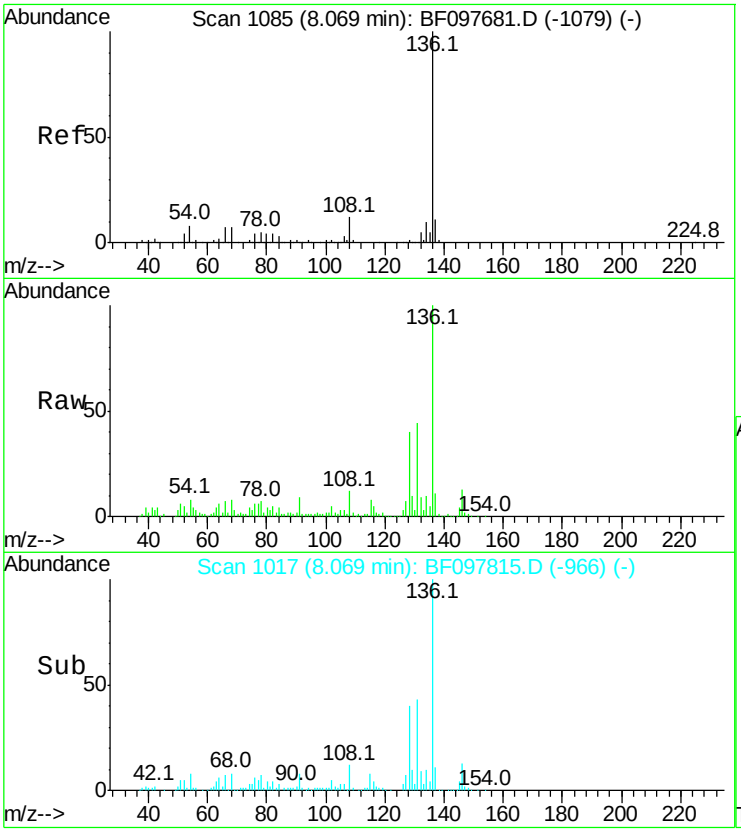


#20
3+4-Methylphenols
Concen: 11.323 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Tgt Ion:107 Resp: 110187

Ion	Ratio	Lower	Upper
107	100		
108	84.6	71.0	111.0
77	214.5	90.5	130.5#
79	26.8	8.4	48.4



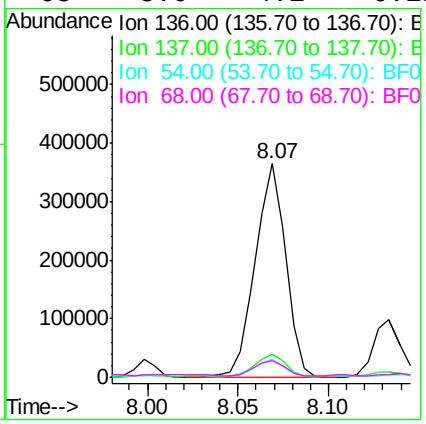


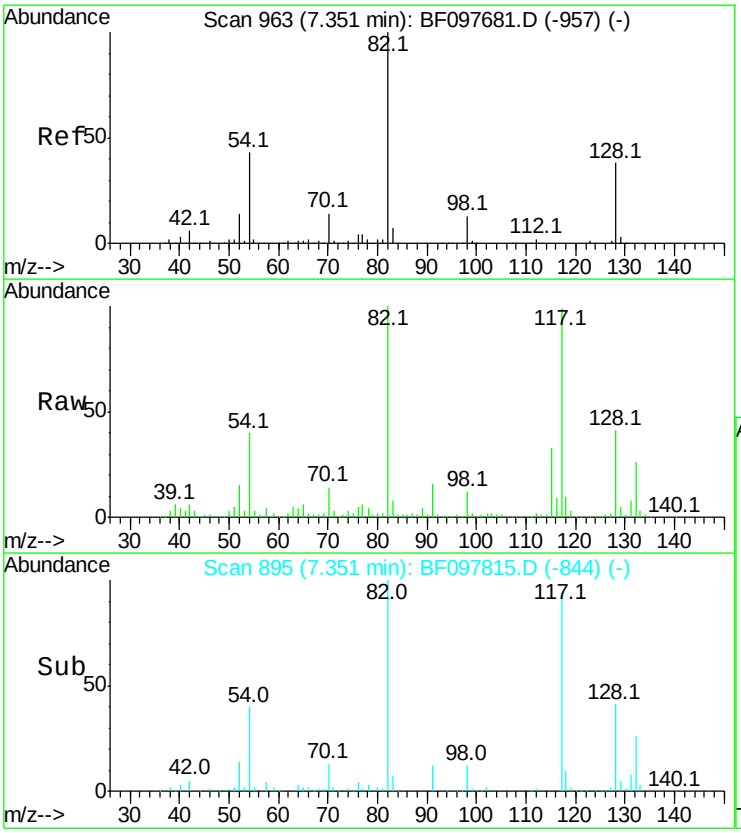
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-8-GW

Tgt Ion:136 Resp: 425546

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	8.2	4.9	7.3#
68	8.0	4.1	6.1#

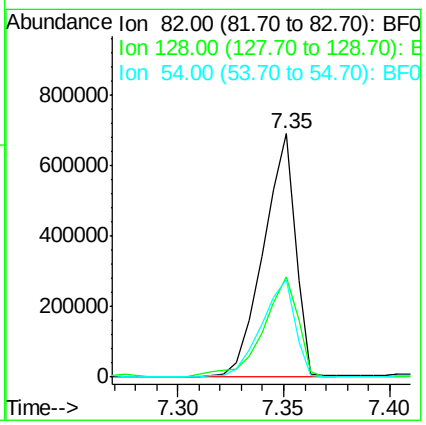


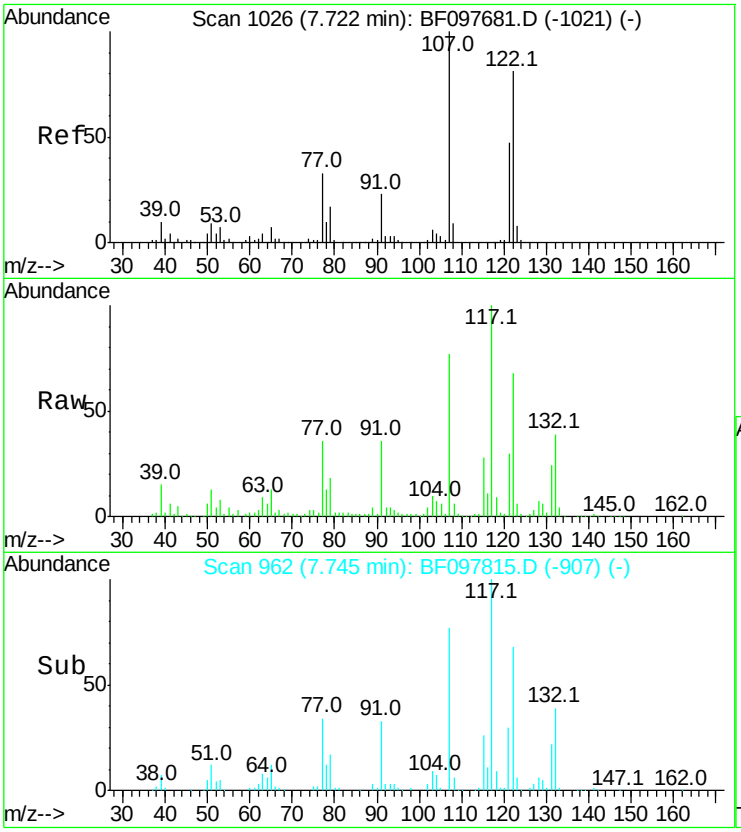


#23
Nitrobenzene-d5
Concen: 92.071 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Tgt Ion: 82 Resp: 721230

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.0	51.0
54	40.3	42.2	63.2#



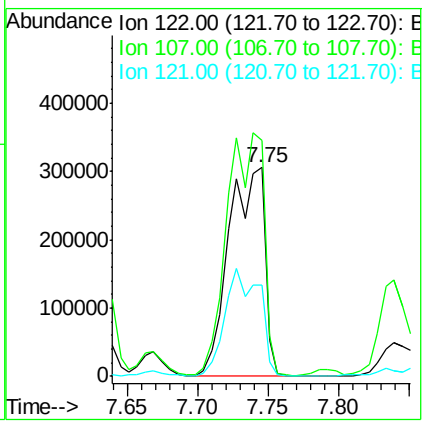


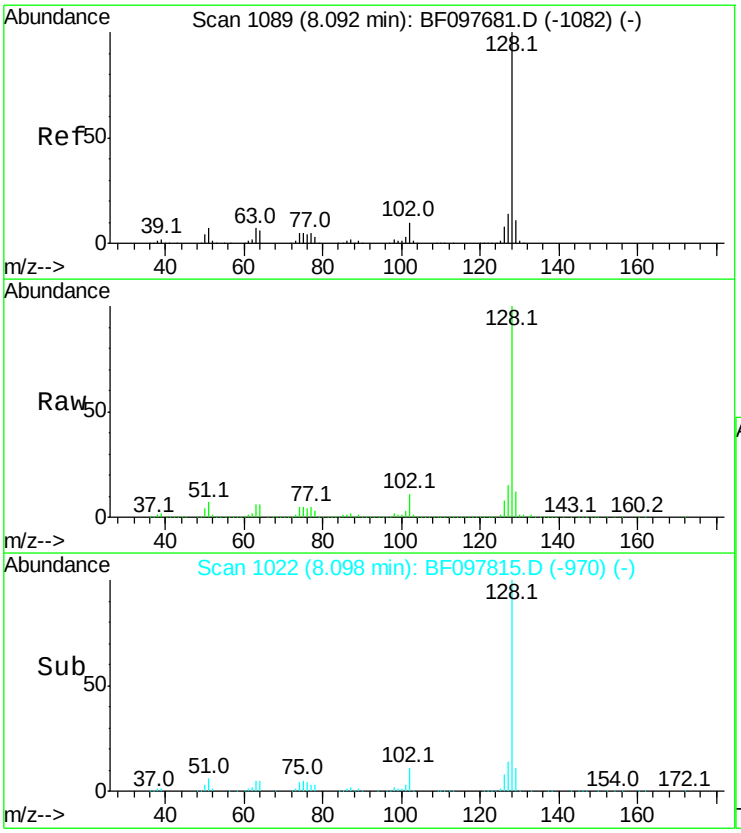
#27
2,4-Dimethylphenol
Concen: 79.882 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.02 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-8-GW

Tgt Ion:122 Resp: 542651

Ion	Ratio	Lower	Upper
122	100		
107	113.4	89.2	133.8
121	43.9	45.2	67.8#

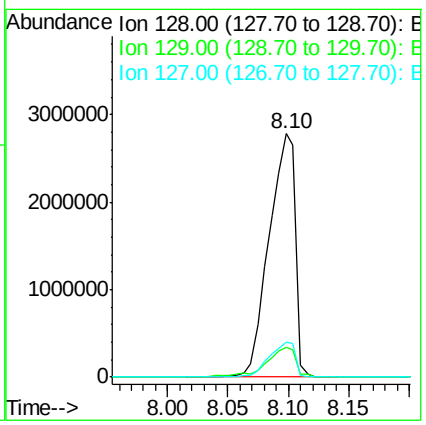


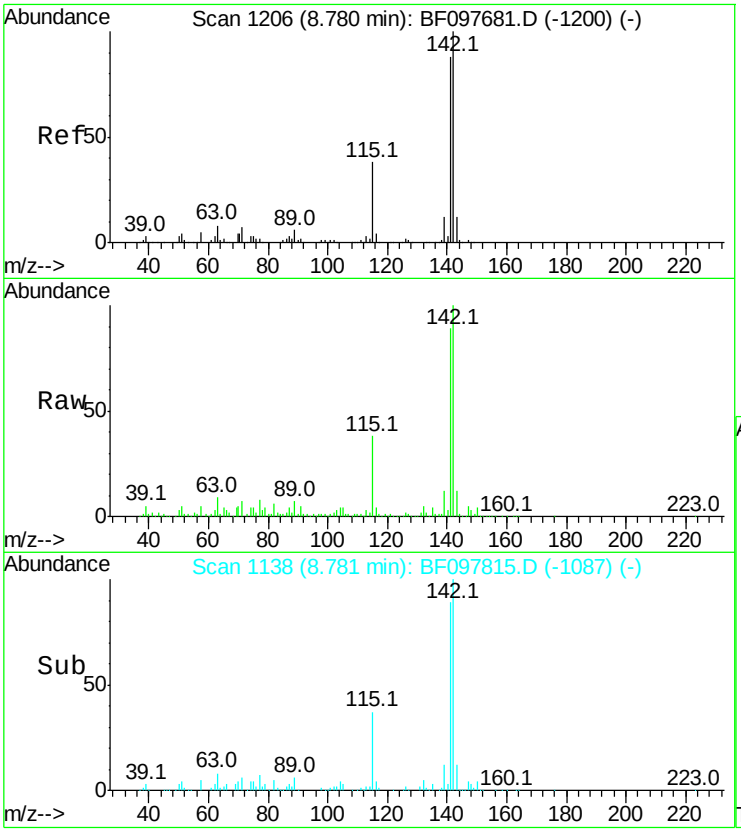


#31
Naphthalene
Concen: 190.340 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Tgt Ion:128 Resp: 4205025

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	14.5	10.8	16.2



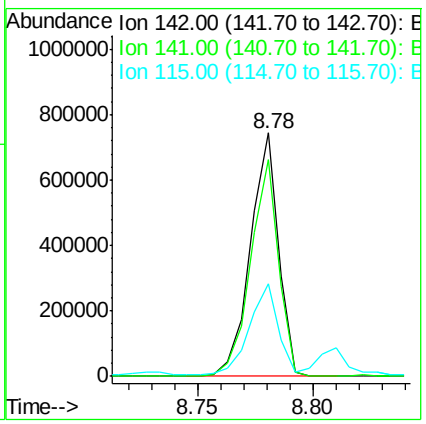


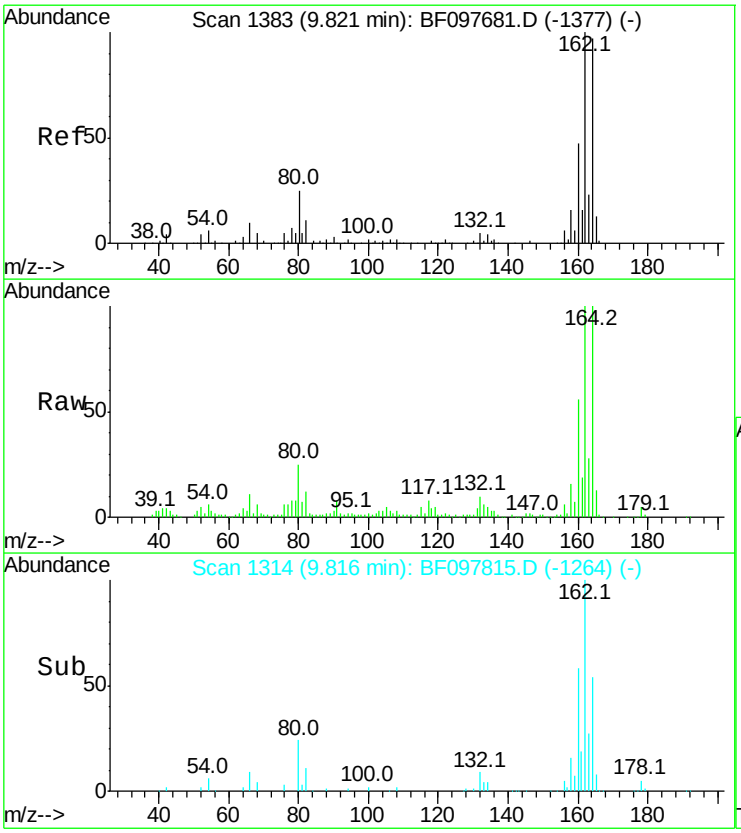
#37
2-Methylnaphthalene
Concen: 46.590 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-8-GW

Tgt Ion:142 Resp: 631045

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	37.8	27.1	40.7

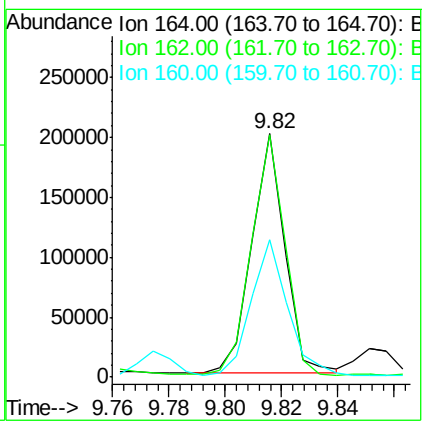


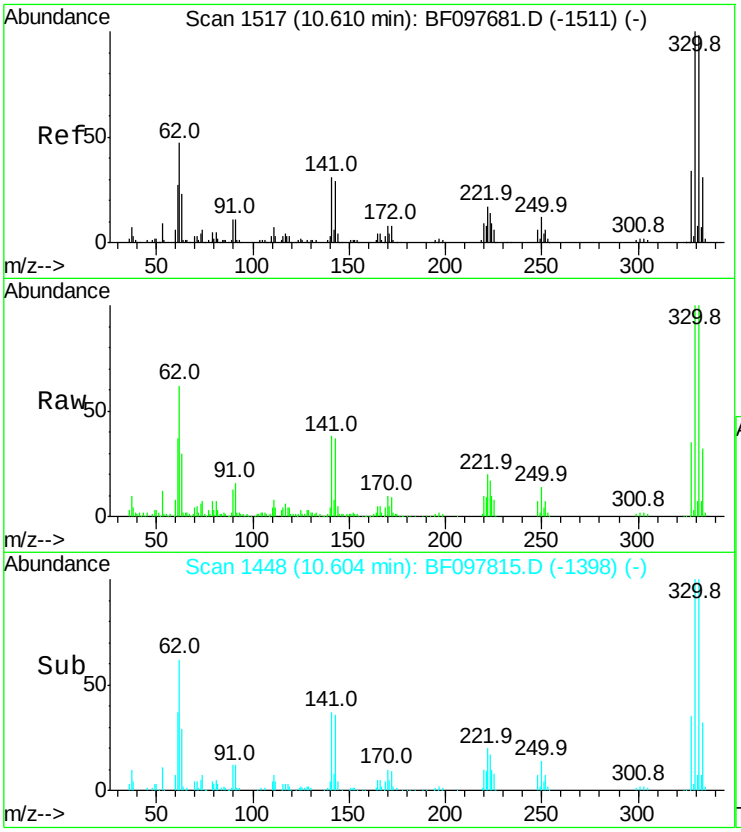


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Tgt Ion:164 Resp: 161840

Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.6	123.8
160	56.3	36.2	54.2#



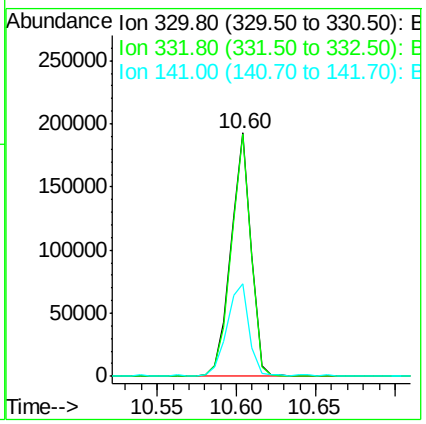


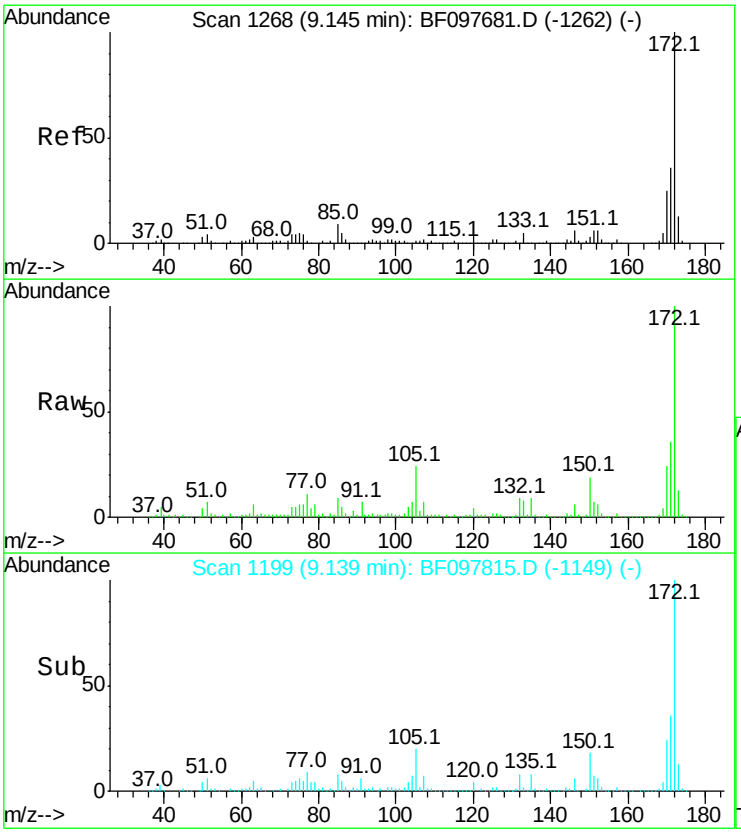
#41
2,4,6-Tribromophenol
Concen: 120.735 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-8-GW

Tgt Ion:330 Resp: 169539

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	115.0
141	40.6	31.4	47.2

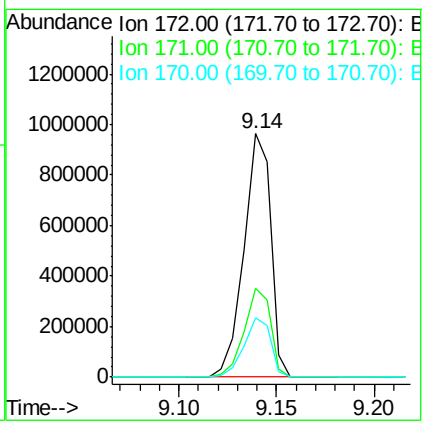


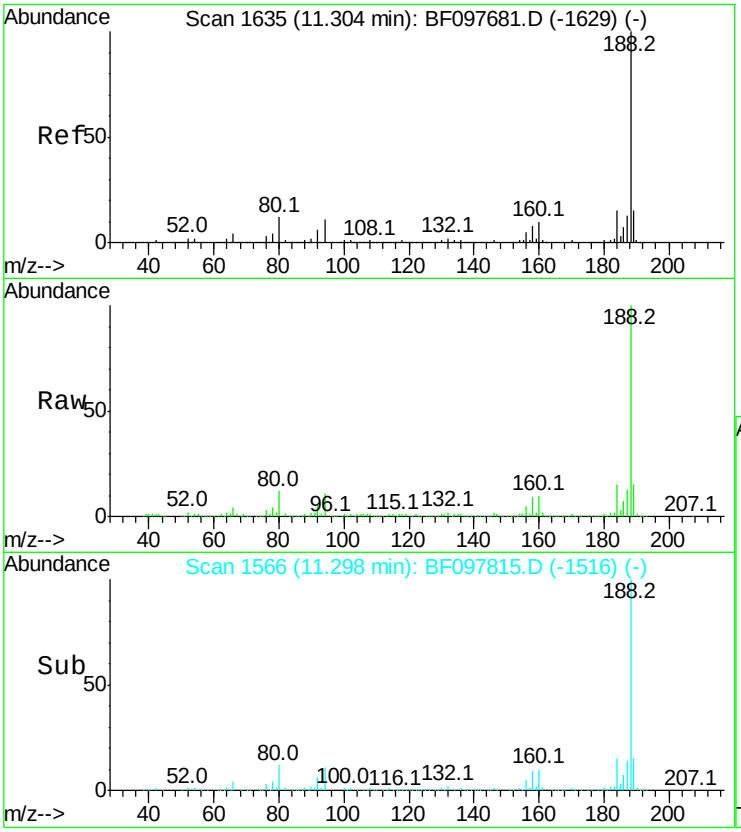


#44
2-Fluorobiphenyl
Concen: 83.426 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Tgt Ion:172 Resp: 918973

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.2	19.8	29.8



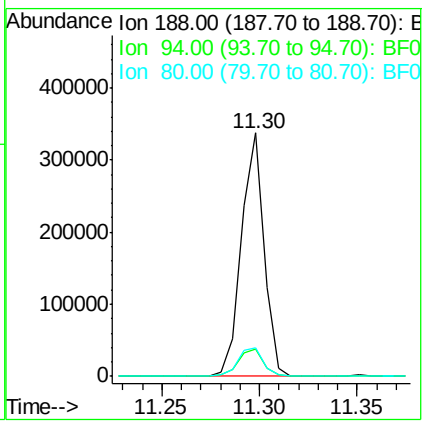


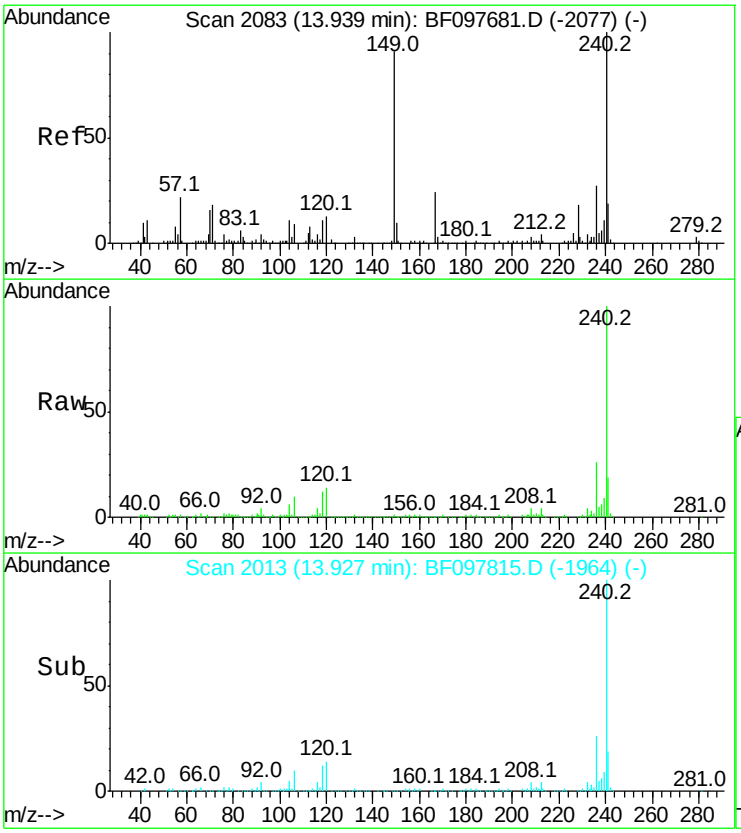
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-8-GW

Tgt Ion:188 Resp: 272180

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.9	10.2	15.2

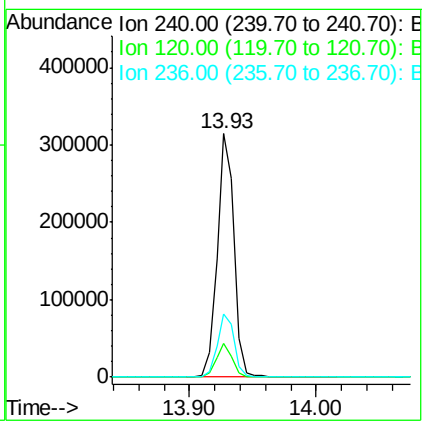


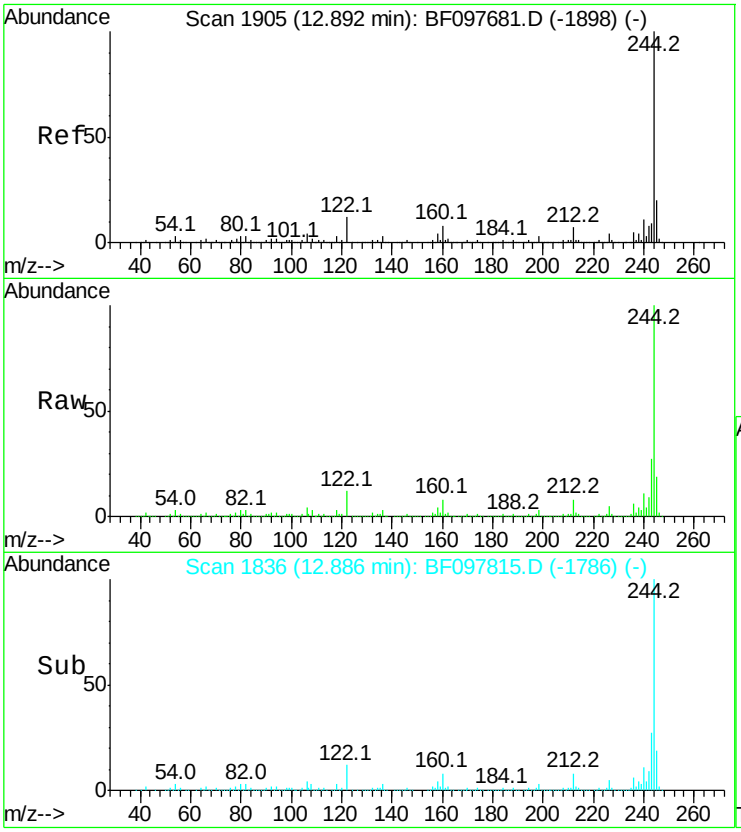


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Tgt Ion:240 Resp: 290131

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	25.7	20.5	30.7



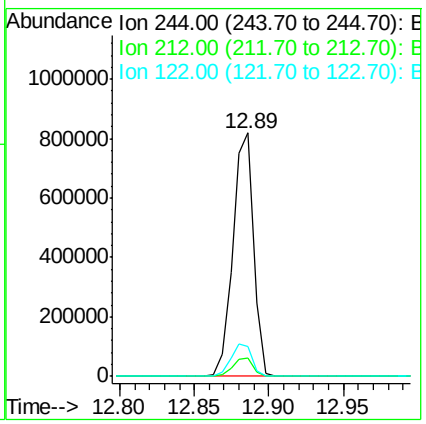


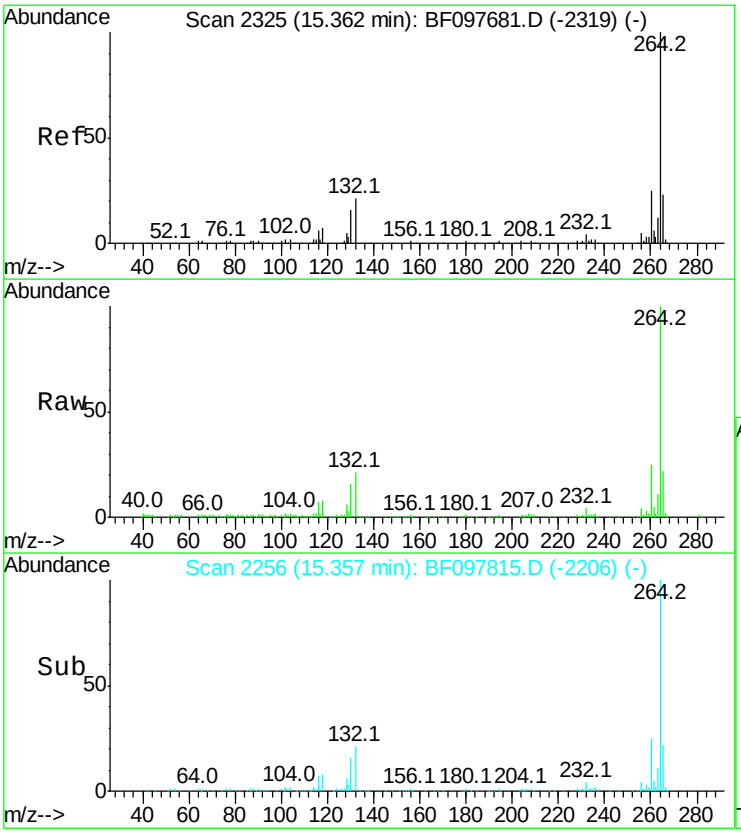
#78
Terphenyl-d14
Concen: 57.575 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-8-GW

Tgt Ion:244 Resp: 801037

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	12.5	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097815.D
Acq: 18 Aug 2017 5:31

Tgt Ion:264 Resp: 201746

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.7	17.2	25.8