Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097304.D
Acq On : 3 Aug 2017 7:21
Operator : SJ/JU
Sample : I4537-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-2-A

Quant Time: Aug 03 12:10:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 12:06:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	86470	20.00	ng		0.00
21) Naphthalene-d8	7.73	136	380193	20.00	ng		0.00
38) Acenaphthene-d10	9.47	164	185048	20.00	ng		0.00
63) Phenanthrene-d10	10.95	188	267952	20.00	ng		0.00
75) Chrysene-d12	13.57	240	168882	20.00	ng		-0.01
86) Perylene-d12	14.91	264	153403	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	479728	83.63	ng		0.00
7) Phenol-d6	6.12	99	642650	98.14	ng		-0.01
23) Nitrobenzene-d5	7.02	82	364180	56.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.26	330	112221	76.76	ng		-0.01
44) 2-Fluorobiphenyl	8.81	172	710652	65.17	ng		0.00
78) Terphenyl-d14	12.53	244	502265	60.64	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.21	163	38681	2.753	ng		98
79) Butylbenzylphthalate	13.01	149	36661	5.213	ng	#	84

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

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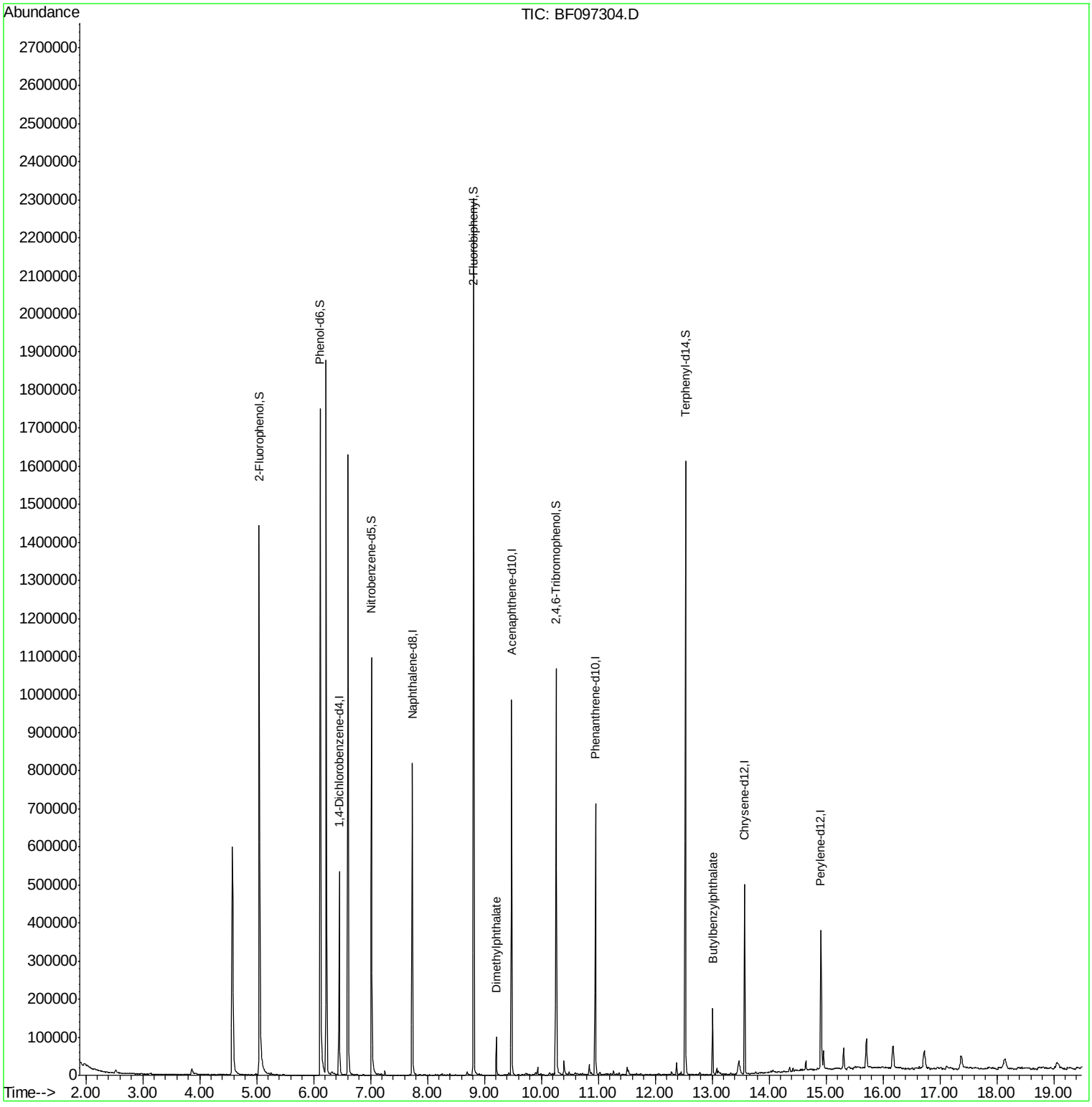
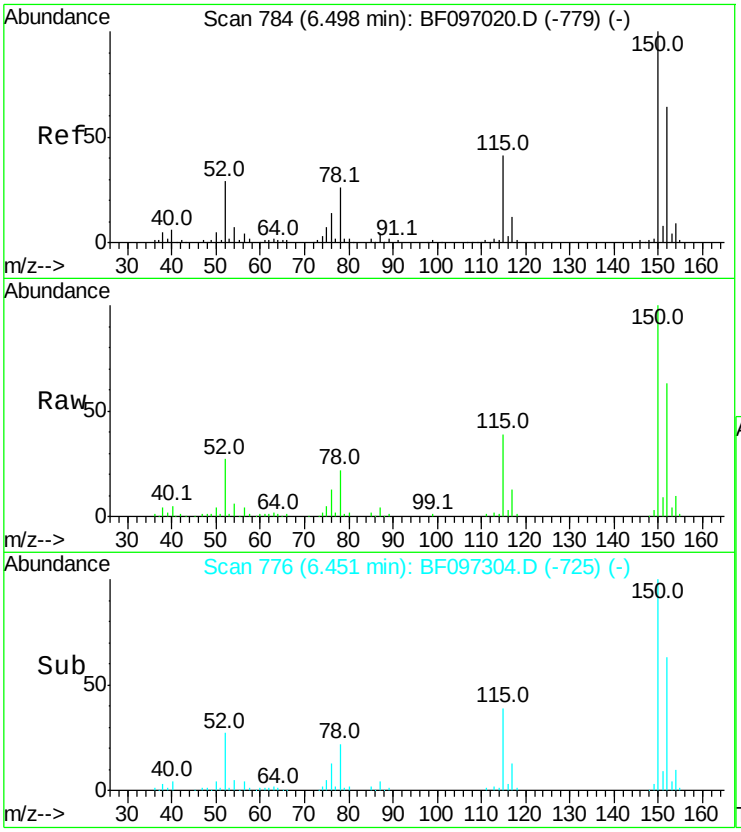


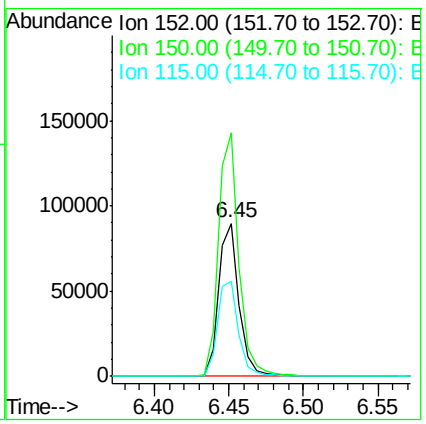


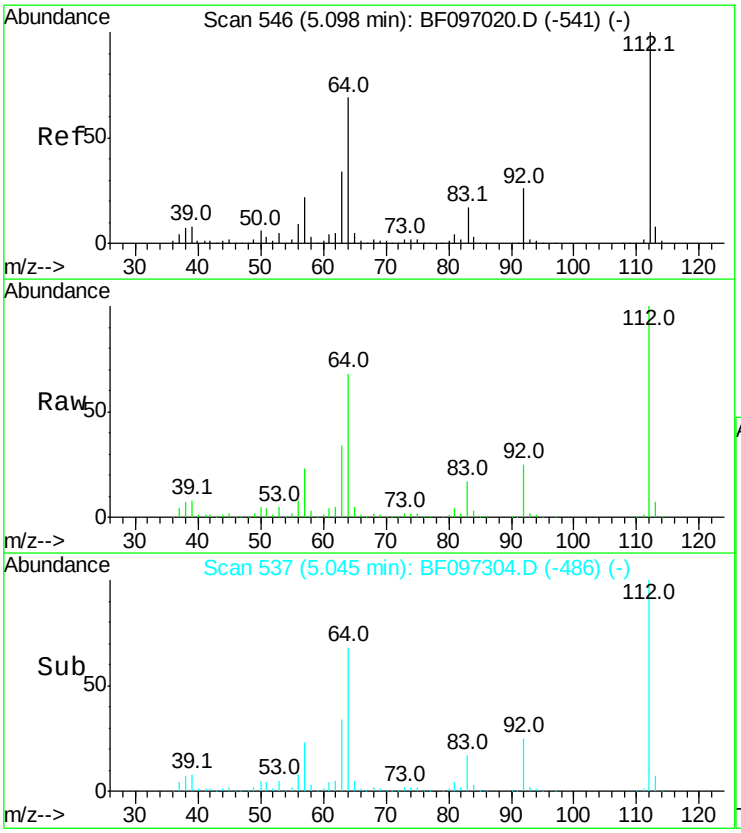
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Instrument :
BNA_F
ClientSampleId :
GRID-2-A

Tgt Ion:152 Resp: 86470

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	62.0	52.2	78.2

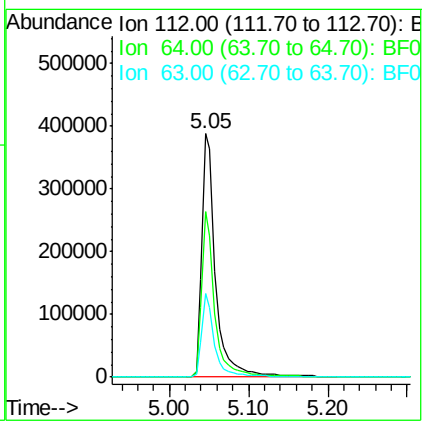


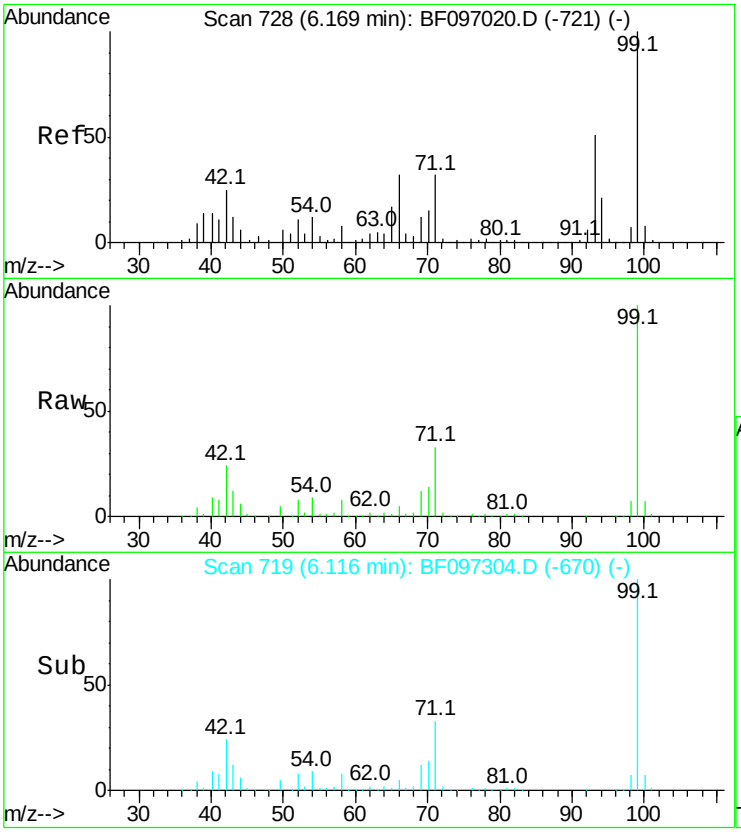


#5
2-Fluorophenol
Concen: 83.634 ng
RT: 5.05 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Tgt Ion:112 Resp: 479728

Ion	Ratio	Lower	Upper
112	100		
64	68.0	46.0	69.0
63	34.5	23.4	35.0



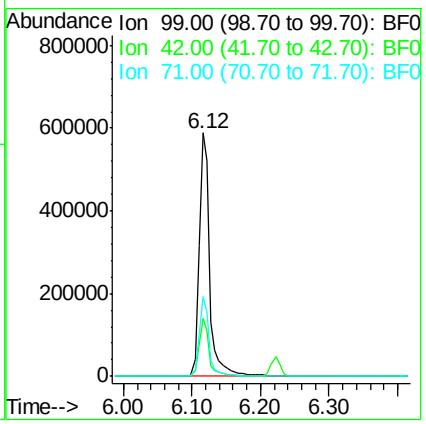


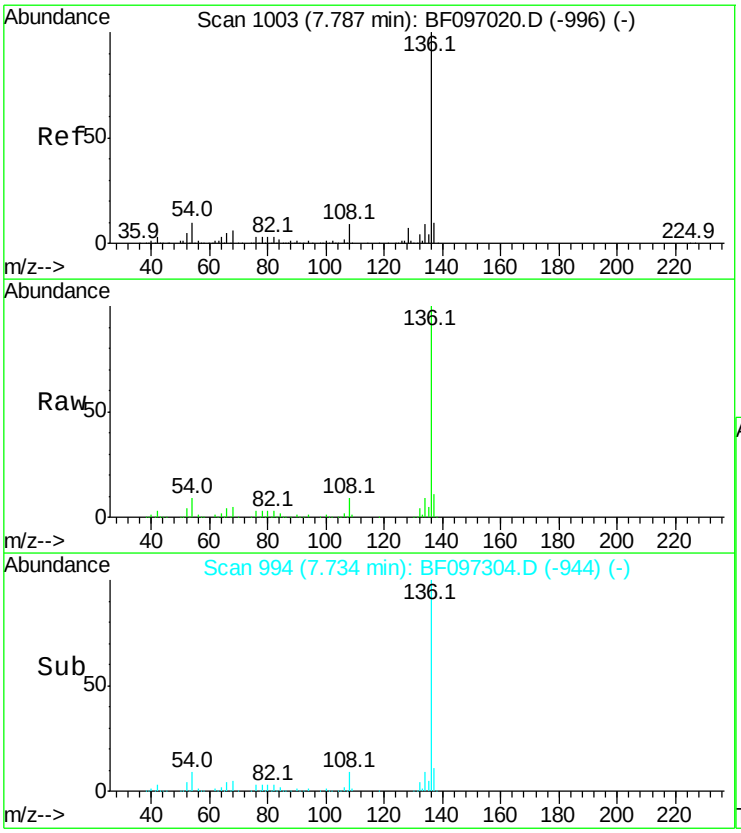
#7
Phenol-d6
Concen: 98.139 ng
RT: 6.12 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Instrument :
BNA_F
ClientSampleId :
GRID-2-A

Tgt Ion: 99 Resp: 642650

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	32.6	24.5	36.7

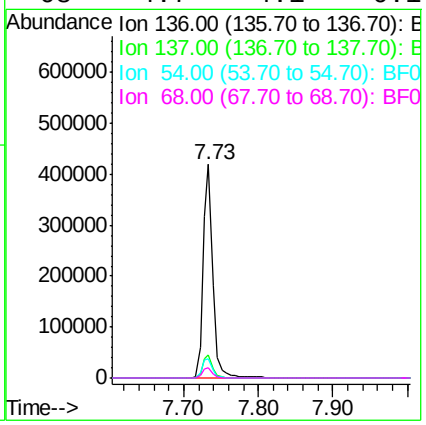


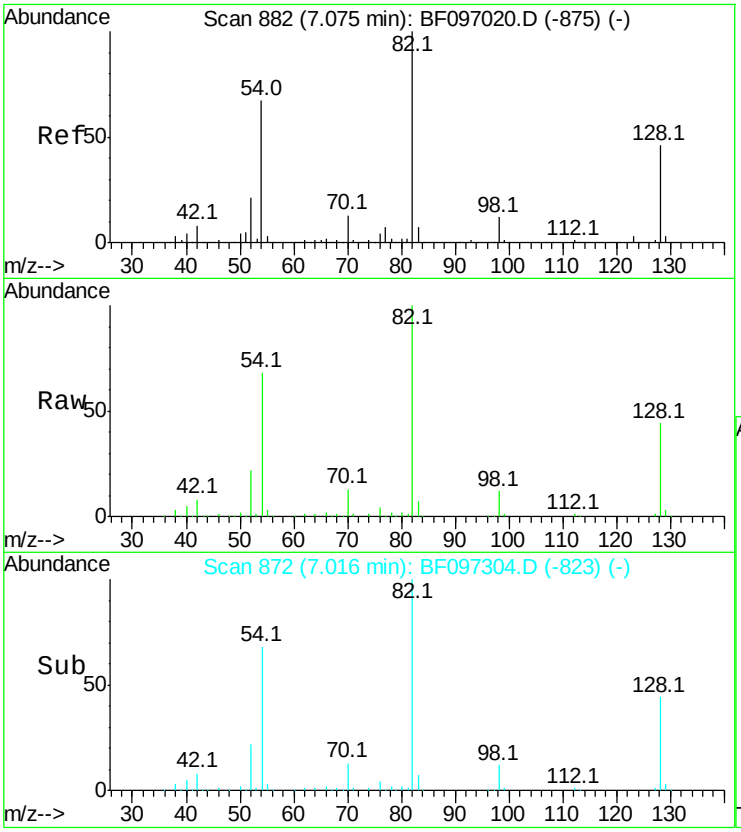


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Tgt Ion:136 Resp: 380193

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.3	4.9	7.3#
68	4.7	4.1	6.1



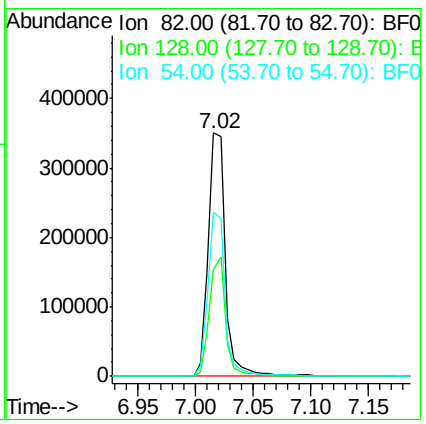


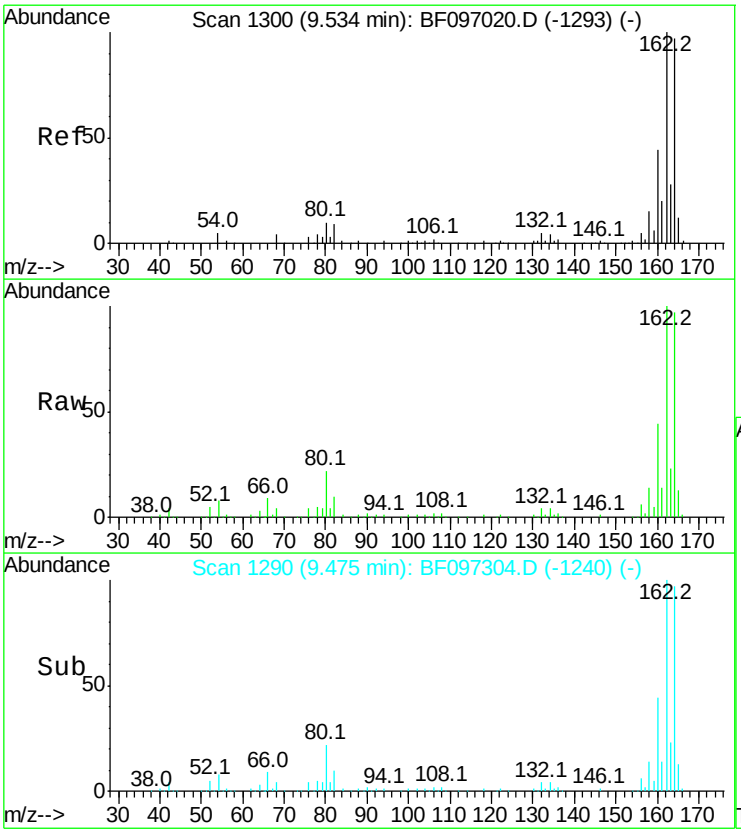
#23
Nitrobenzene-d5
Concen: 56.193 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Instrument :
BNA_F
ClientSampleId :
GRID-2-A

Tgt Ion: 82 Resp: 364180

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	67.7	42.2	63.2#

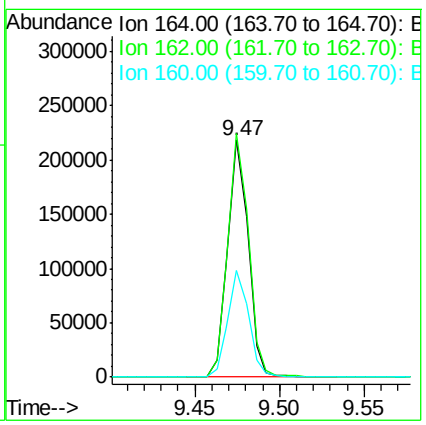


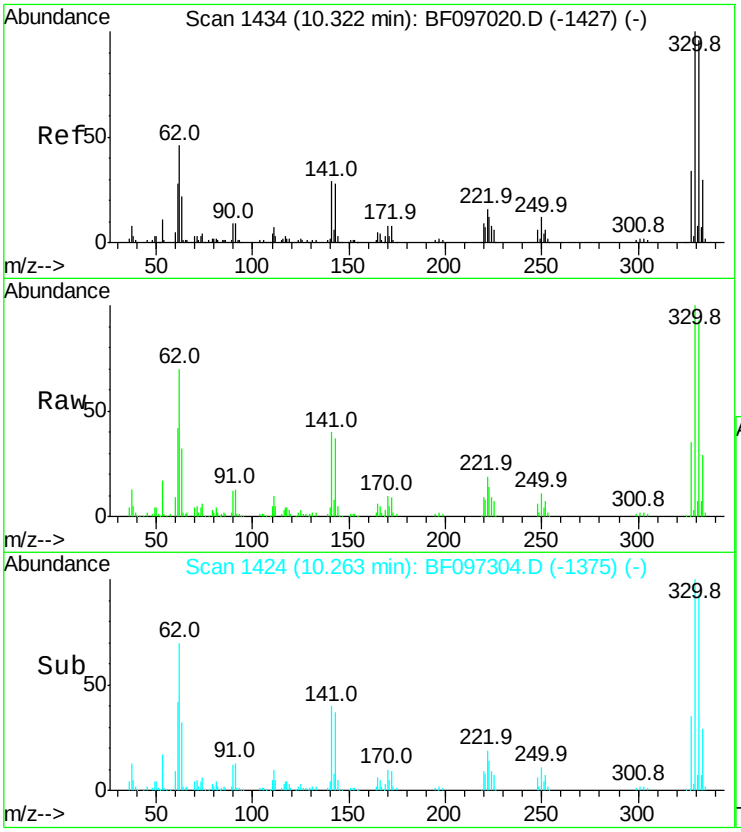


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Tgt Ion:164 Resp: 185048

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.1	36.2	54.2



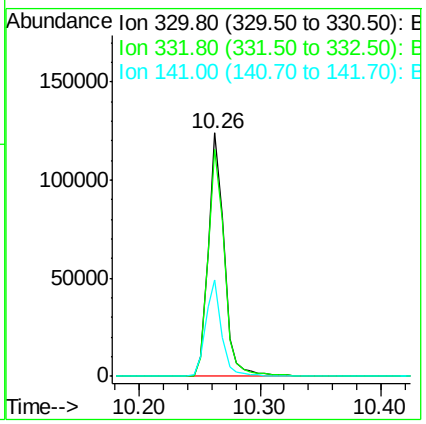


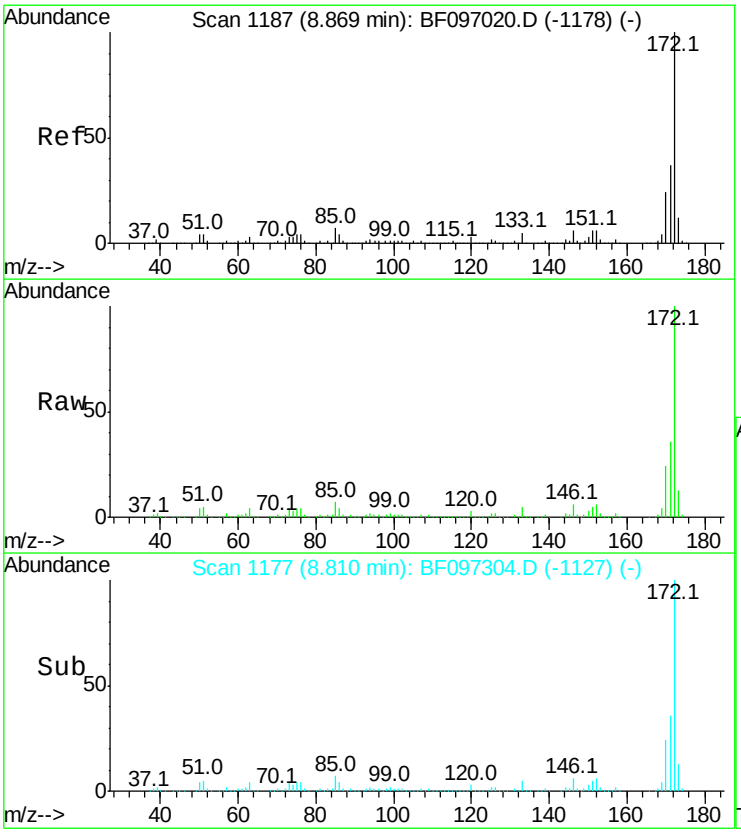
#41
2,4,6-Tribromophenol
Concen: 76.756 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Instrument :
BNA_F
ClientSampleId :
GRID-2-A

Tgt Ion:330 Resp: 112221

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	40.0	31.4	47.2

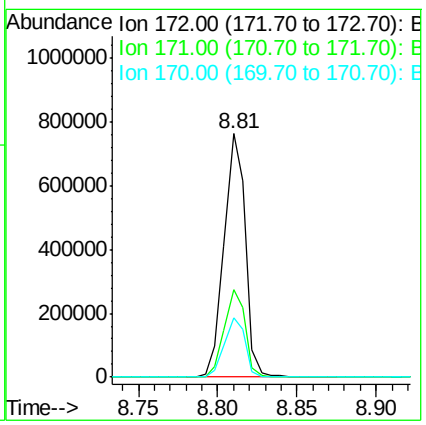


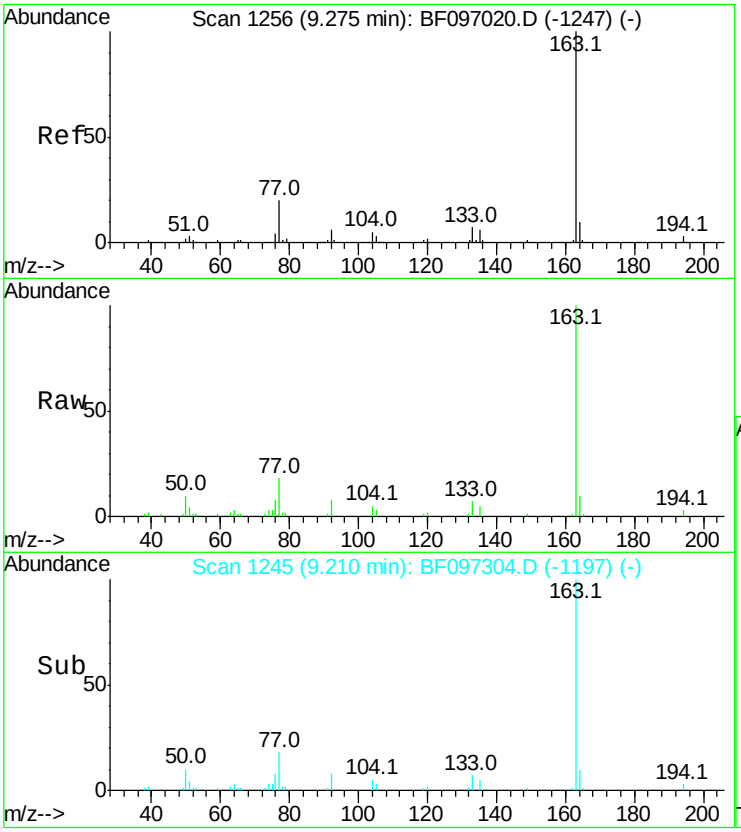


#44
2-Fluorobiphenyl
Concen: 65.175 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Tgt Ion:172 Resp: 710652

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.1	19.8	29.8



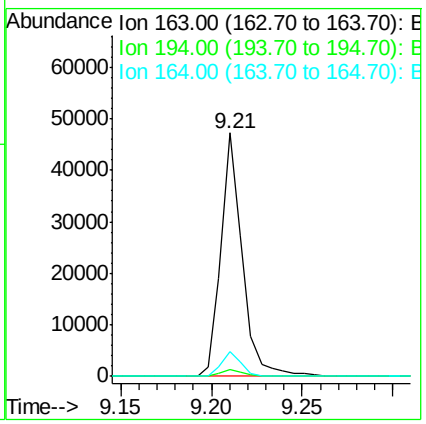


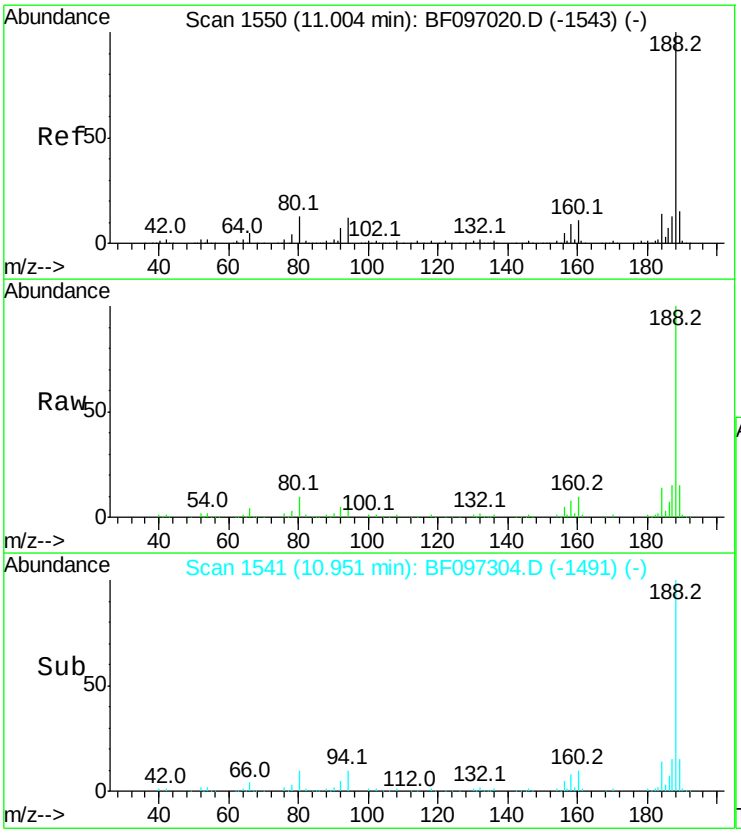
#49
Dimethylphthalate
Concen: 2.753 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Instrument :
BNA_F
ClientSampleId :
GRID-2-A

Tgt Ion:163 Resp: 38681

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.6	4.0
164	9.9	8.4	12.6

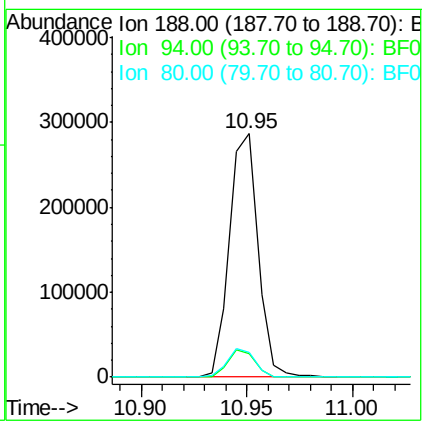


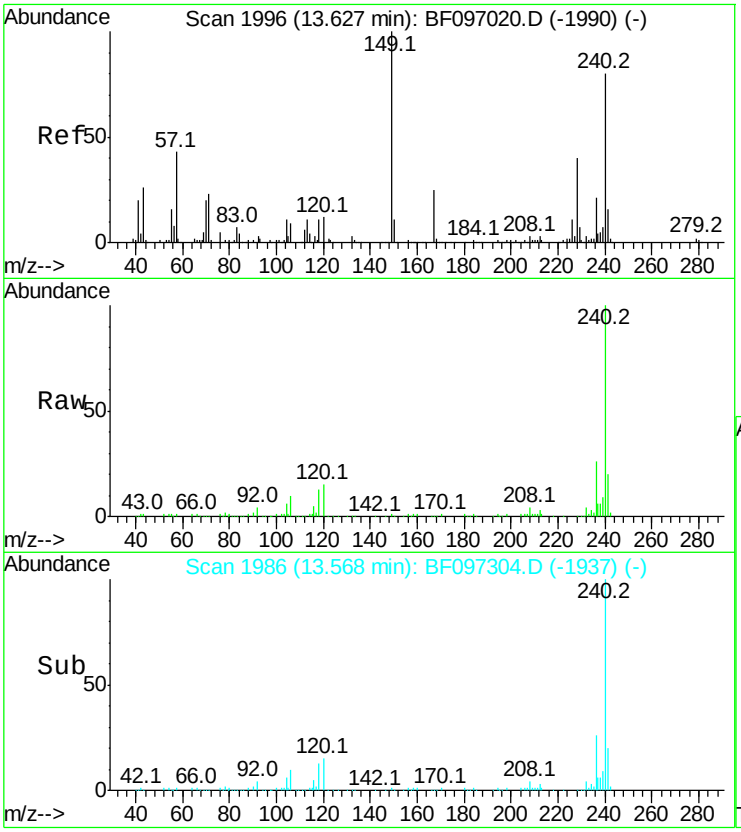


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Tgt Ion:188 Resp: 267952

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.0	10.2	15.2#



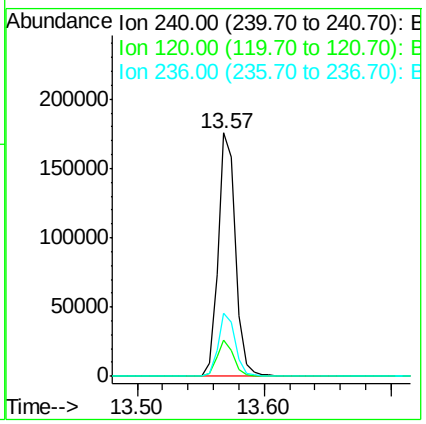


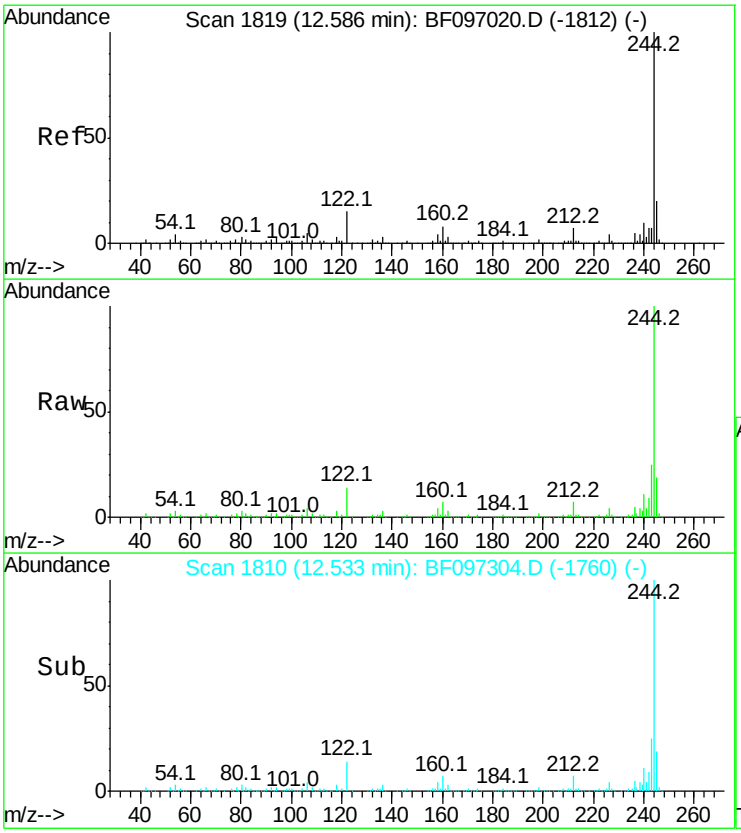
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Instrument :
BNA_F
ClientSampleId :
GRID-2-A

Tgt Ion:240 Resp: 168882

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	26.0	20.5	30.7

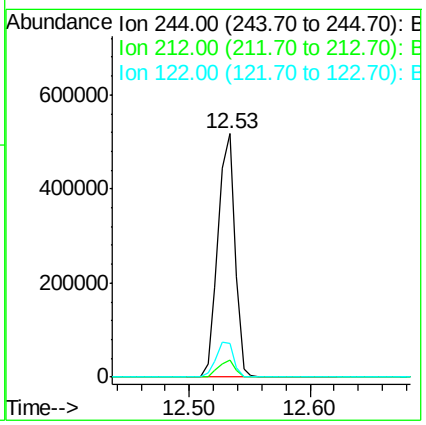


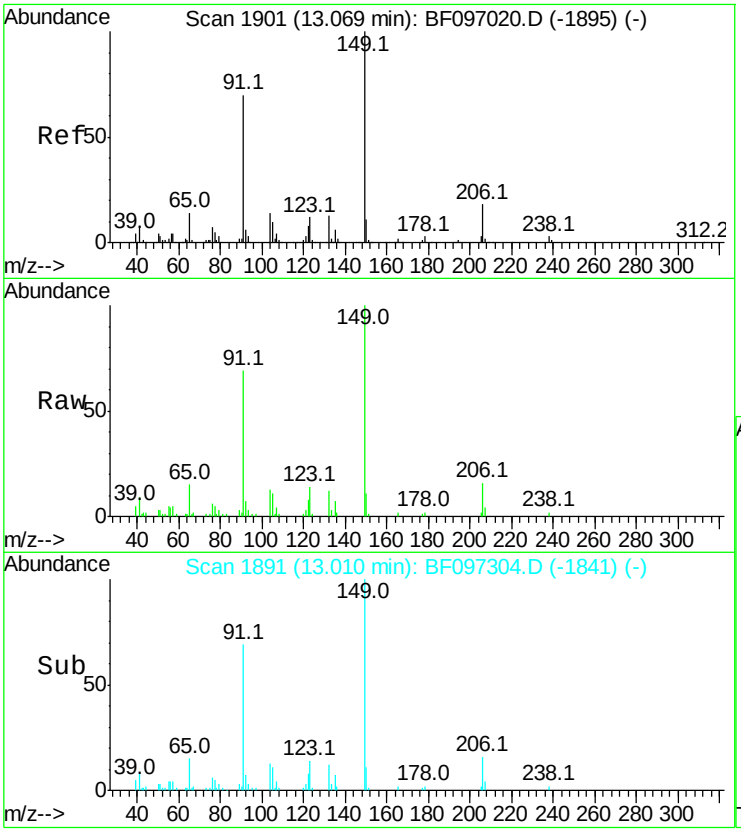


#78
Terphenyl-d14
Concen: 60.637 ng
RT: 12.53 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Tgt Ion:244 Resp: 502265

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.1	10.3	15.5



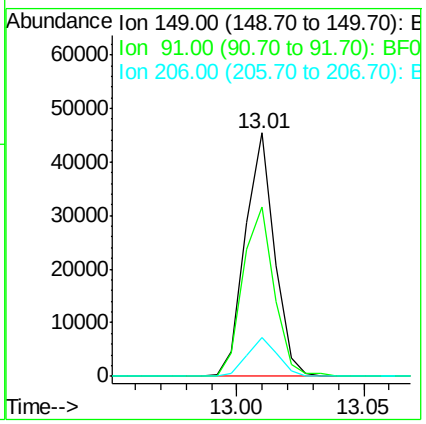


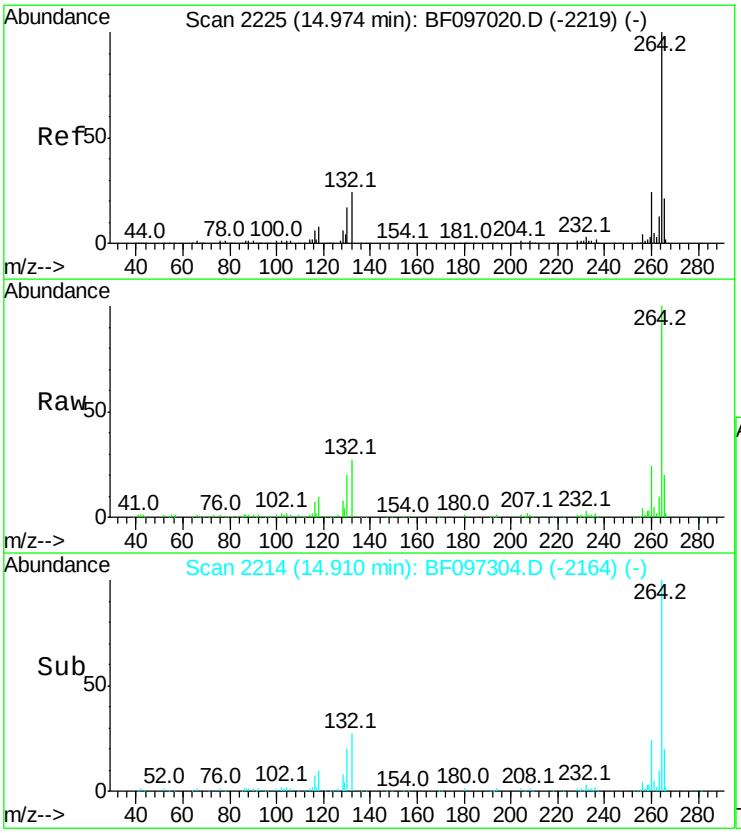
#79
Butylbenzylphthalate
Concen: 5.213 ng
RT: 13.01 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Instrument :
BNA_F
ClientSampleId :
GRID-2-A

Tgt Ion:149 Resp: 36661

Ion	Ratio	Lower	Upper
149	100		
91	69.4	45.0	67.4#
206	16.0	17.0	25.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097304.D
Acq: 3 Aug 2017 7:21

Tgt Ion:264 Resp: 153403

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.1	17.2	25.8