Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094964.D
Acq On : 8 May 2017 2:31
Operator : SJ/MA
Sample : I2947-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-0-2.0

Quant Time: May 08 08:32:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	84949	20.00	ng		0.00
21) Naphthalene-d8	9.74	136	352293	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	178395	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	308735	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	245525	20.00	ng		-0.02
86) Perylene-d12	20.31	264	175565	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	770593	151.24	ng		0.00
7) Phenol-d6	7.27	99	939333	153.65	ng		-0.01
23) Nitrobenzene-d5	8.62	82	560540	100.33	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	228556	156.44	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1116840	90.11	ng		-0.02
78) Terphenyl-d14	17.30	244	944585	84.74	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.28	94	20455	3.18	ng		80
49) Dimethylphthalate	12.21	163	182489	12.46	ng		99
83) Bis(2-ethylhexyl)phthalate	18.69	149	30438	2.50	ng	#	98

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

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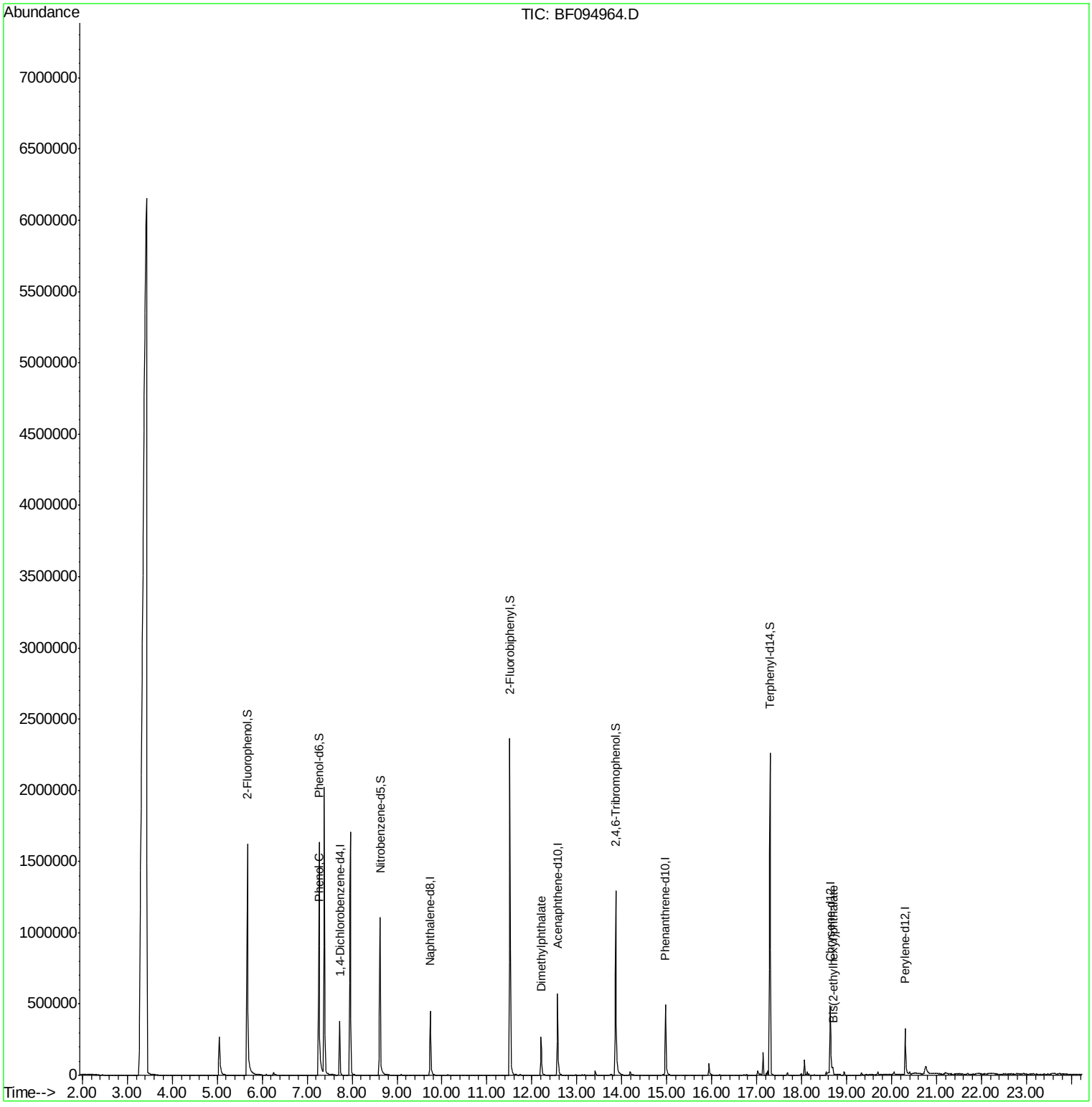
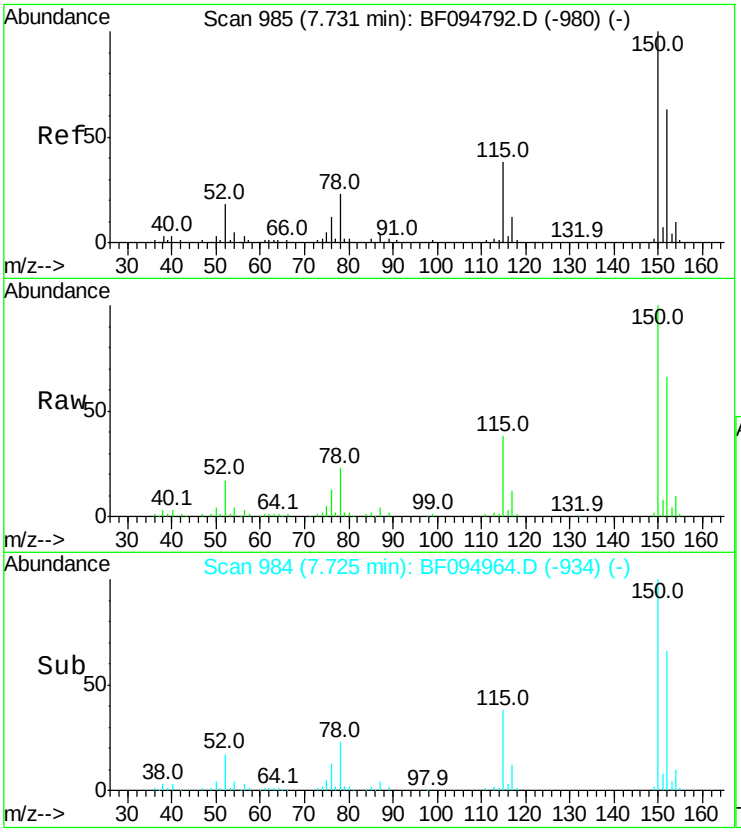


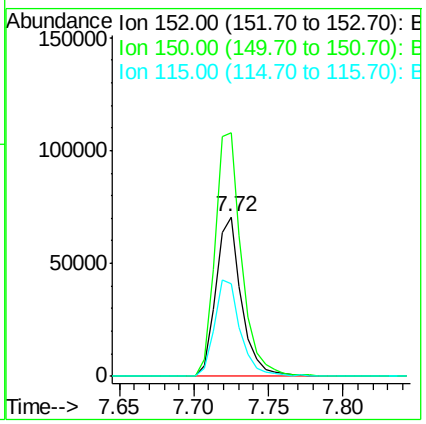


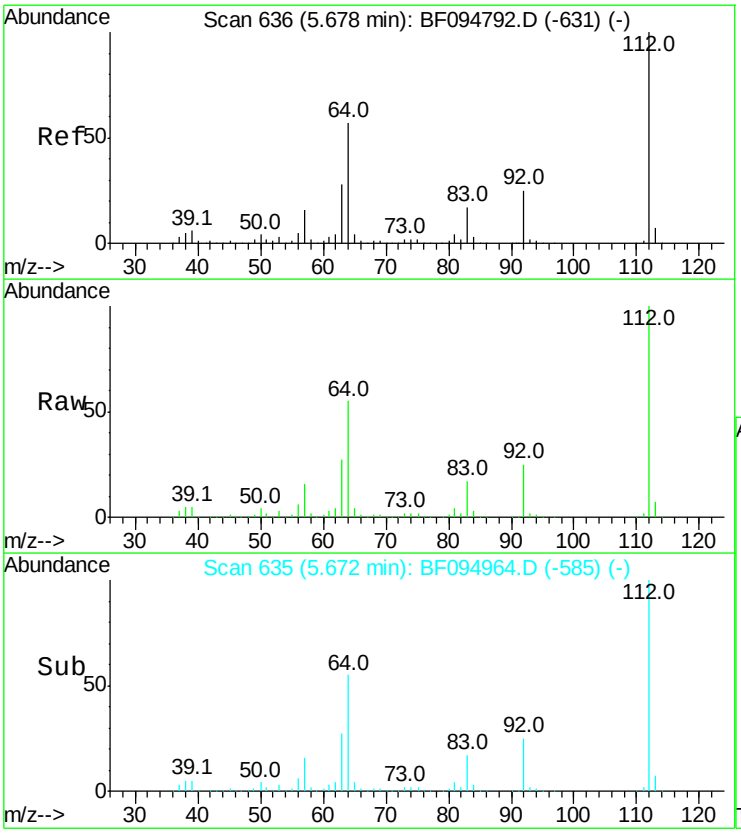
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Instrument :
BNA_F
ClientSampleId :
SB-01-0-2.0

Tgt Ion:152 Resp: 84949

Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.2	189.2
115	57.7	52.2	78.2

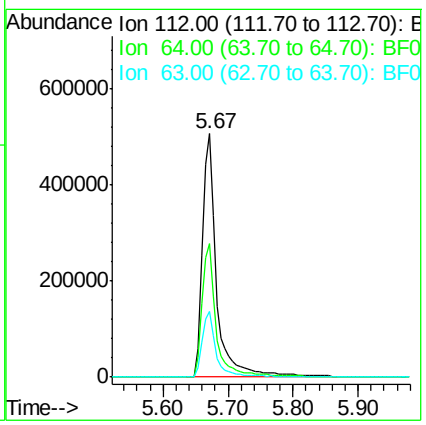


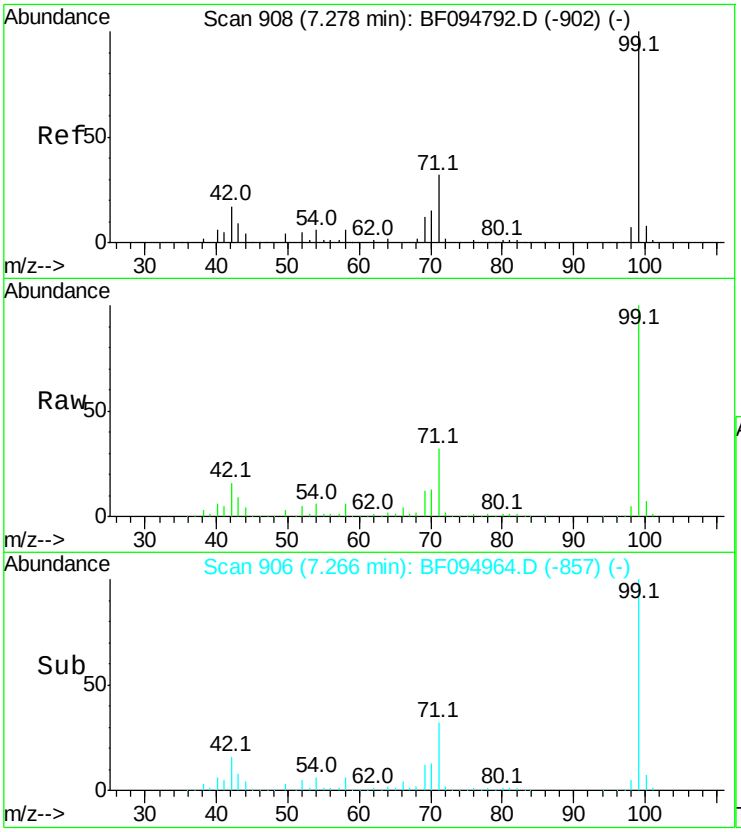


#5
2-Fluorophenol
Concen: 151.24 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Tgt Ion:112 Resp: 770593

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	27.1	23.4	35.0



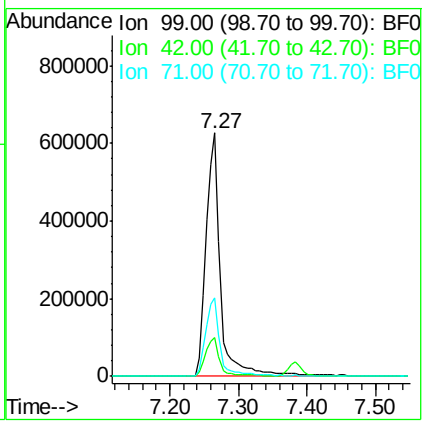


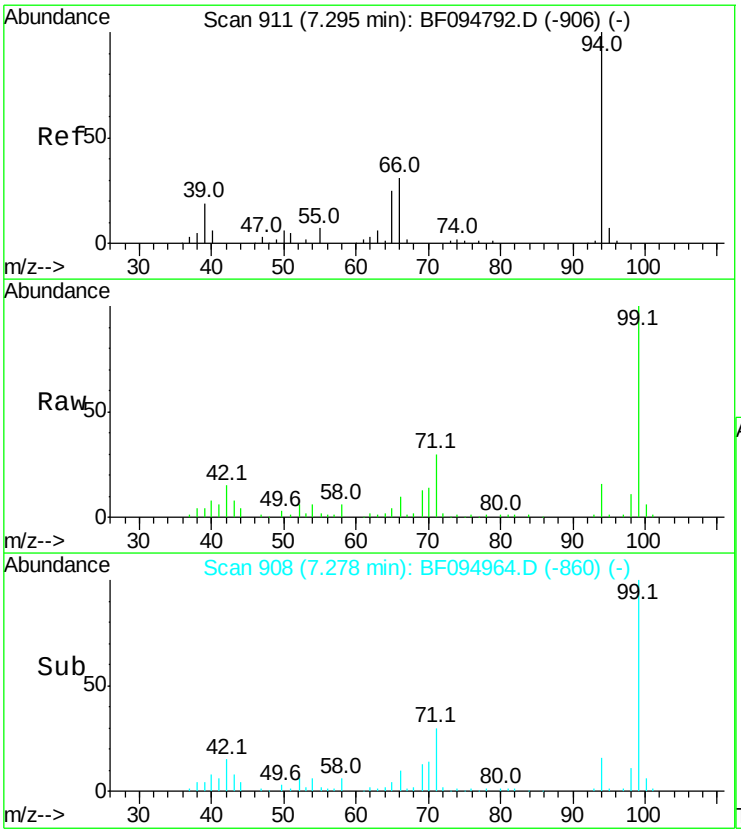
#7
Phenol-d6
Concen: 153.65 ng
RT: 7.27 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Instrument :
BNA_F
ClientSampleId :
SB-01-0-2.0

Tgt Ion: 99 Resp: 939333

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.4	24.5	36.7

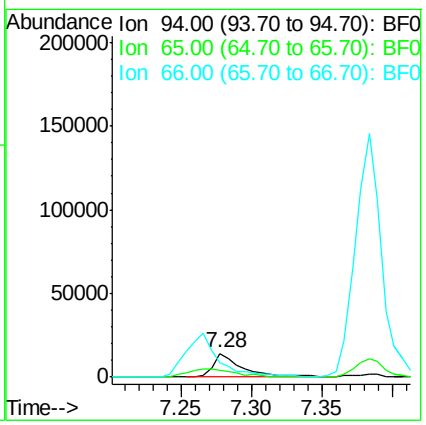


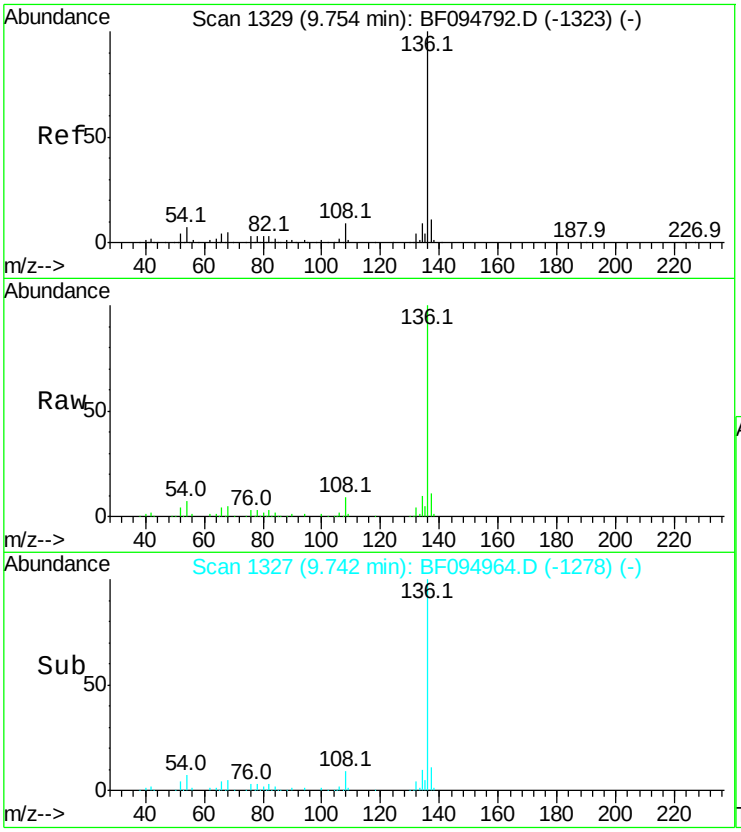


#10
Phenol
Concen: 3.18 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Tgt Ion: 94 Resp: 20455

Ion	Ratio	Lower	Upper
94	100		
65	27.2	9.9	49.9
66	62.2	23.1	63.1



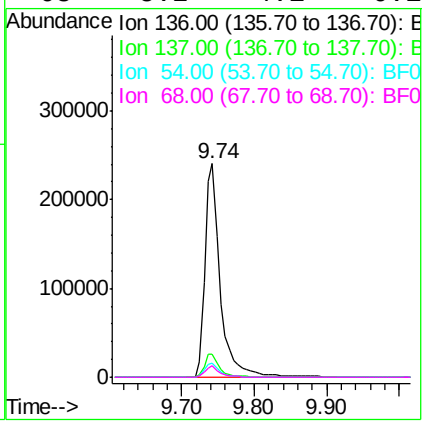


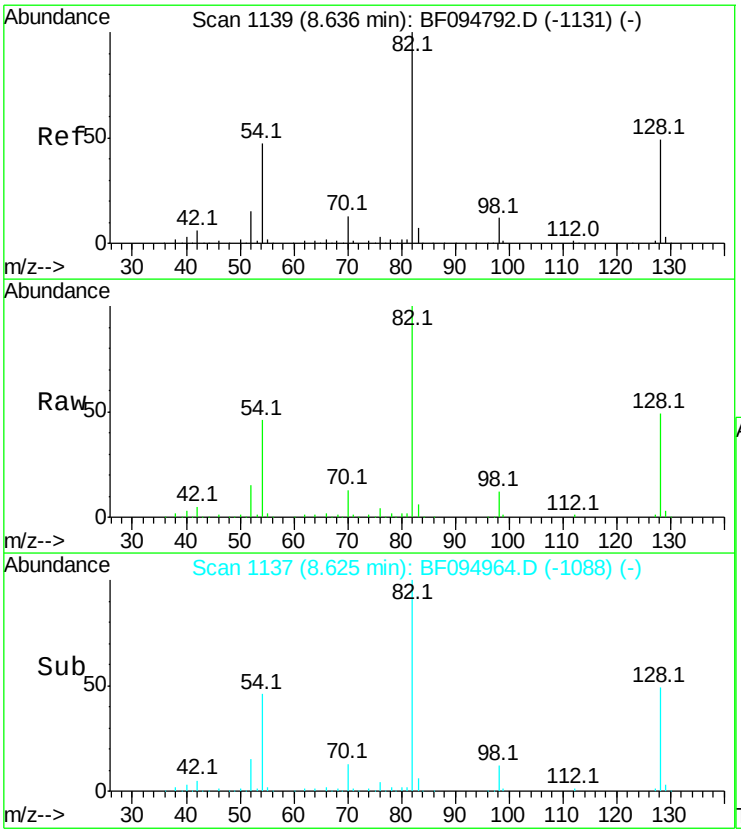
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Instrument :
BNA_F
ClientSampleId :
SB-01-0-2.0

Tgt Ion:136 Resp: 352293

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.5	4.9	7.3
68	5.2	4.1	6.1

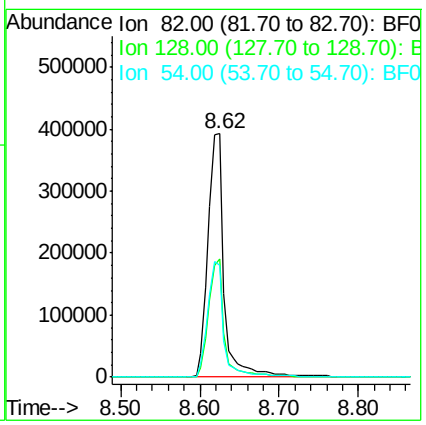


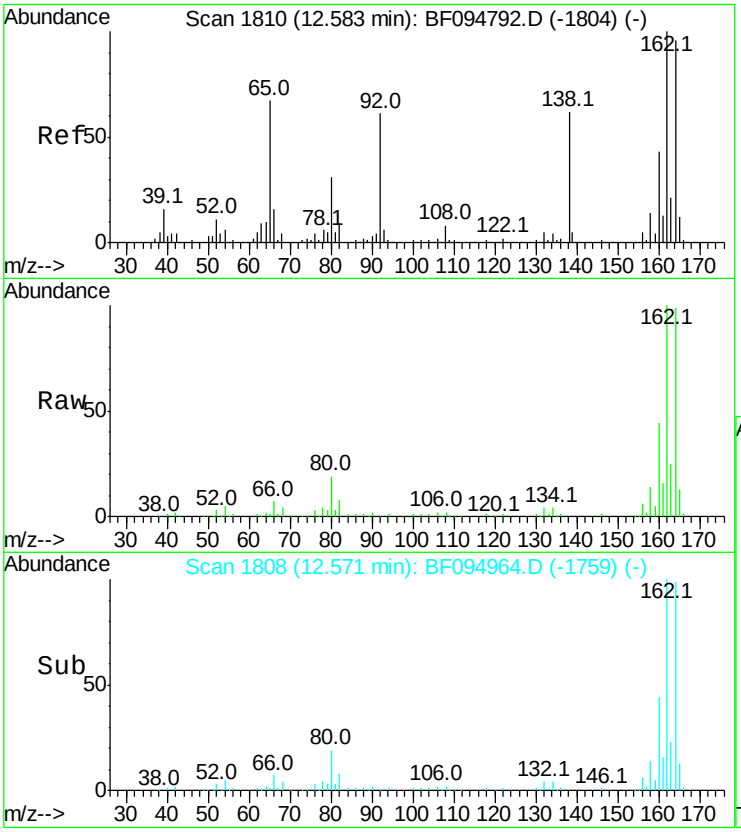


#23
Nitrobenzene-d5
Concen: 100.33 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Tgt Ion: 82 Resp: 560540

Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.0	51.0
54	45.7	42.2	63.2



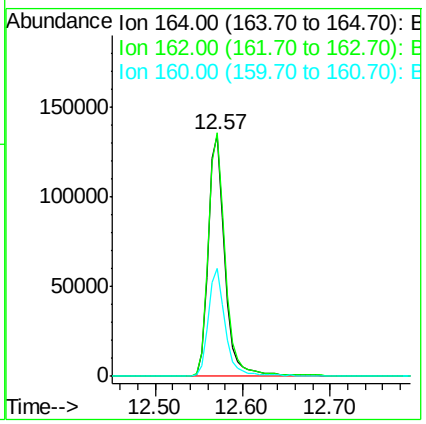


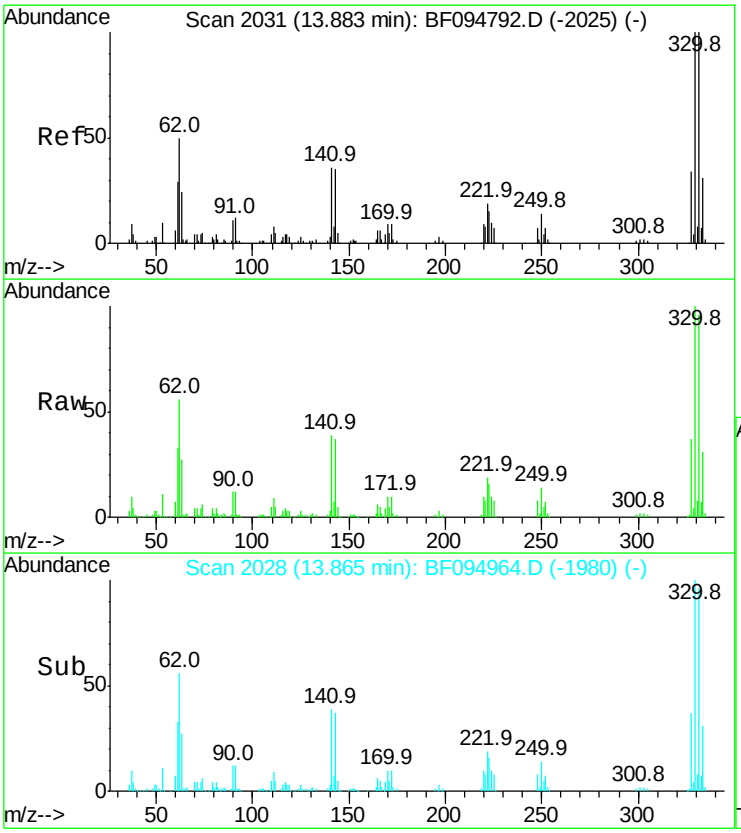
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Instrument :
BNA_F
ClientSampleId :
SB-01-0-2.0

Tgt Ion:164 Resp: 178395

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	44.7	36.2	54.2

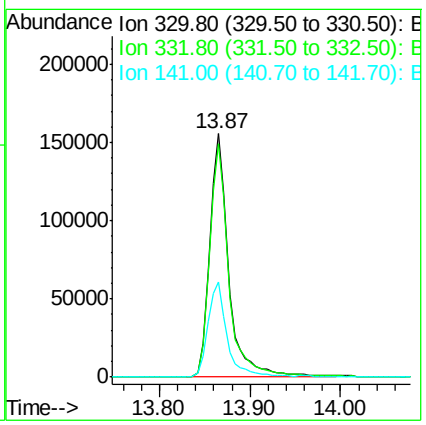


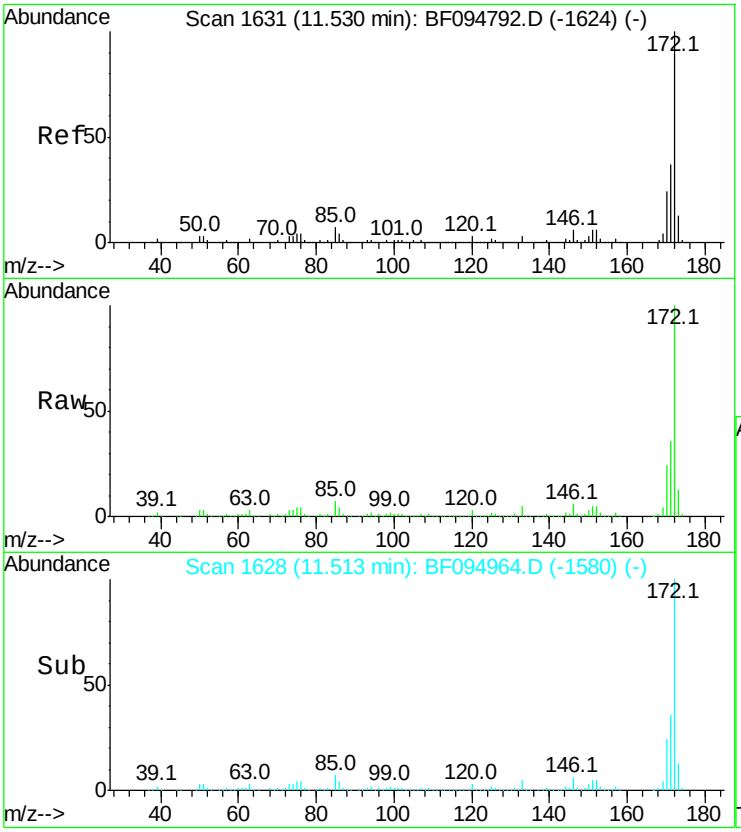


#41
2,4,6-Tribromophenol
Concen: 156.44 ng
RT: 13.87 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Tgt Ion:330 Resp: 228556

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	39.8	31.4	47.2



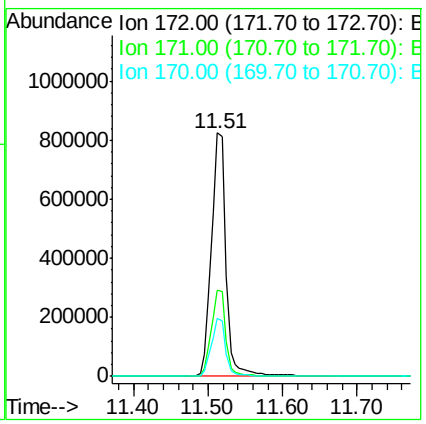


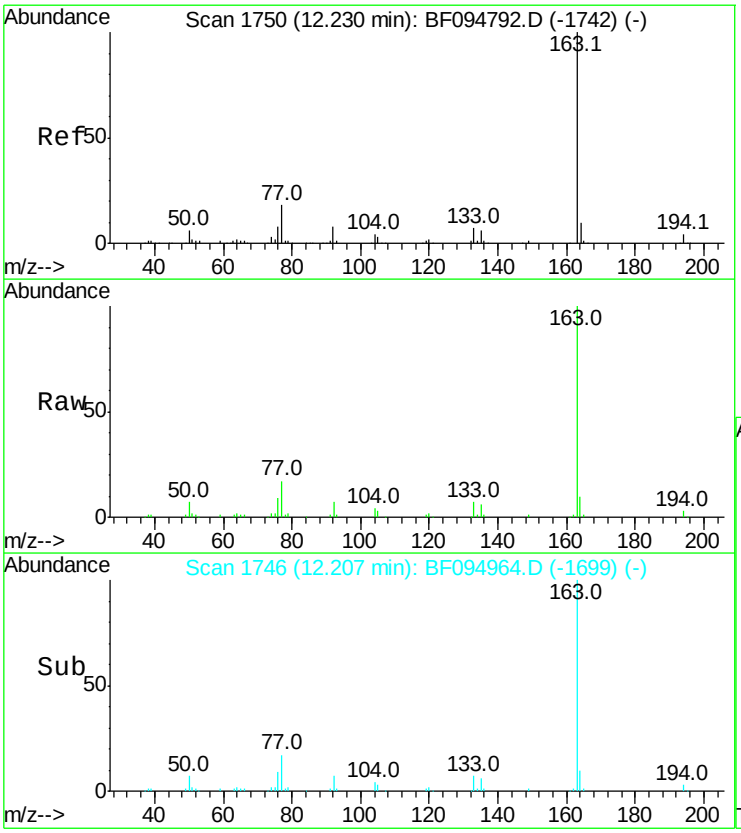
#44
2-Fluorobiphenyl
Concen: 90.11 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Instrument :
BNA_F
ClientSampleId :
SB-01-0-2.0

Tgt Ion:172 Resp: 1116840

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.9	19.8	29.8

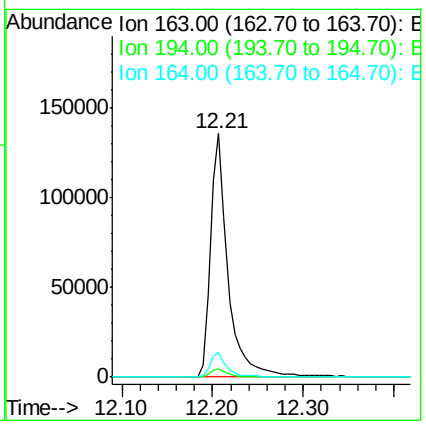


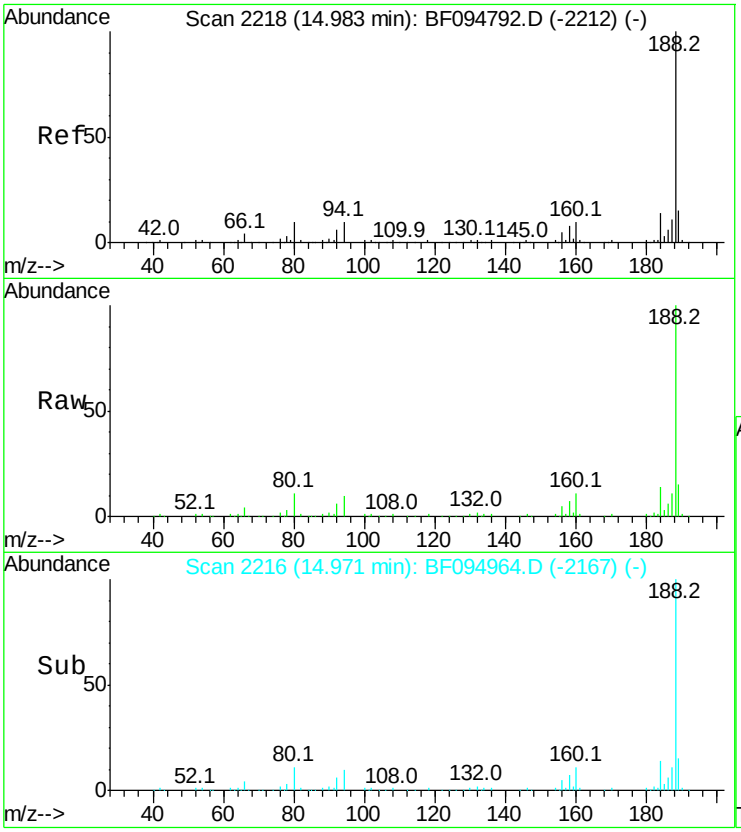


#49
Dimethylphthalate
Concen: 12.46 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Tgt Ion:163 Resp: 182489

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.0	8.4	12.6



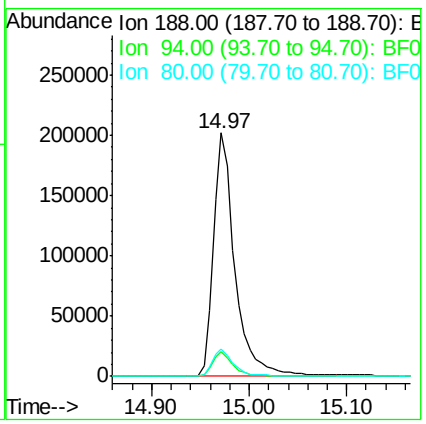


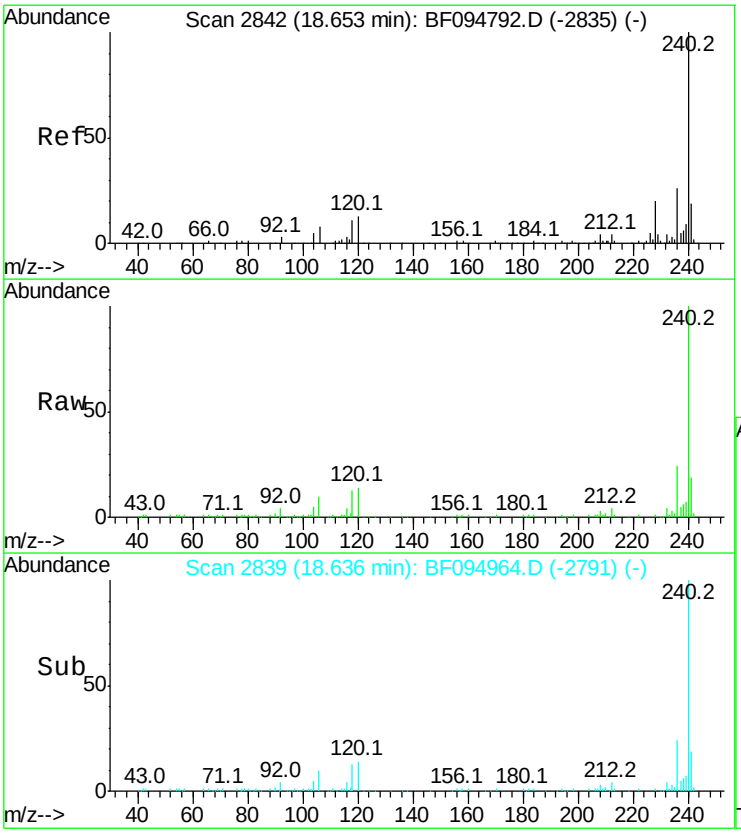
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Instrument :
BNA_F
ClientSampleId :
SB-01-0-2.0

Tgt Ion:188 Resp: 308735

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.1	10.2	15.2

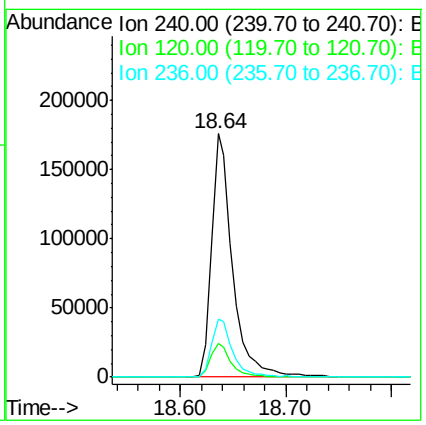


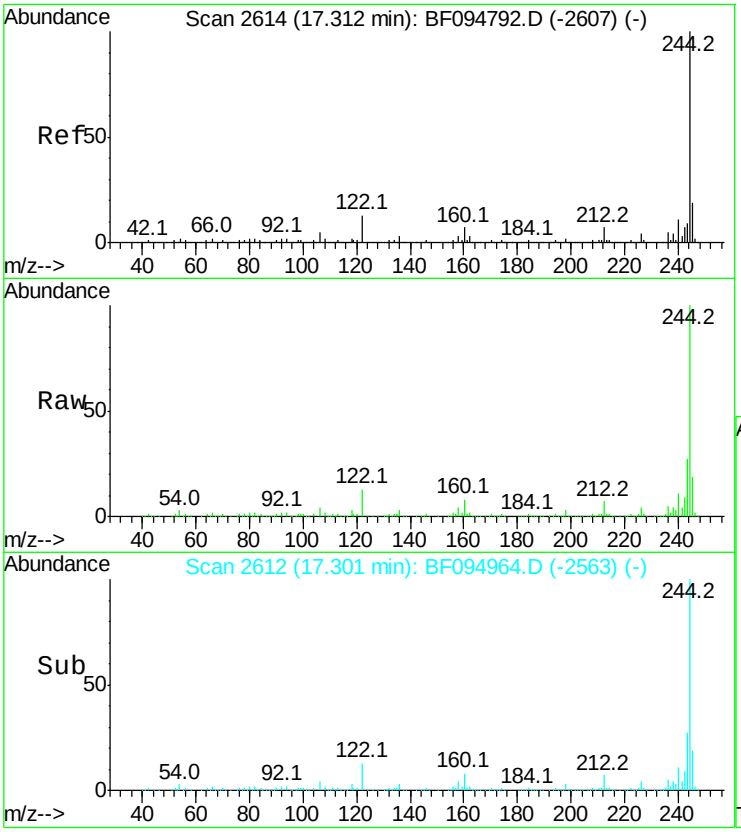


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Tgt Ion:240 Resp: 245525

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	24.0	20.5	30.7



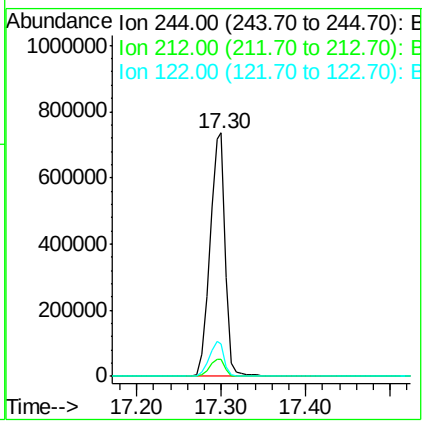


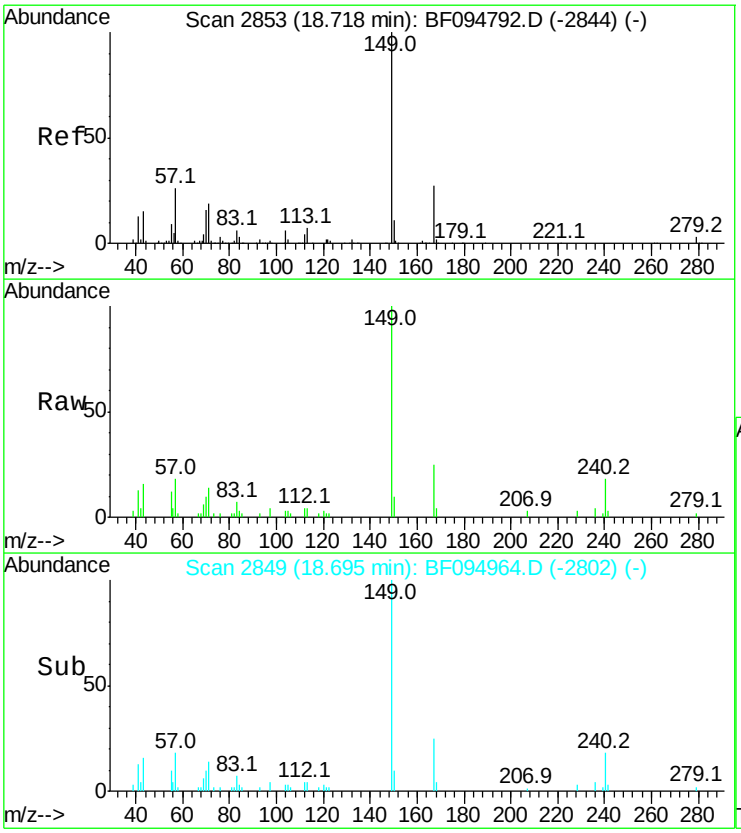
#78
Terphenyl-d14
Concen: 84.74 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Instrument : BNA_F
ClientSampleId : SB-01-0-2.0

Tgt Ion:244 Resp: 944585

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.1	10.3	15.5

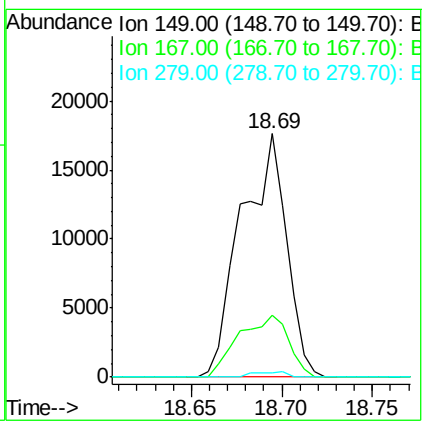


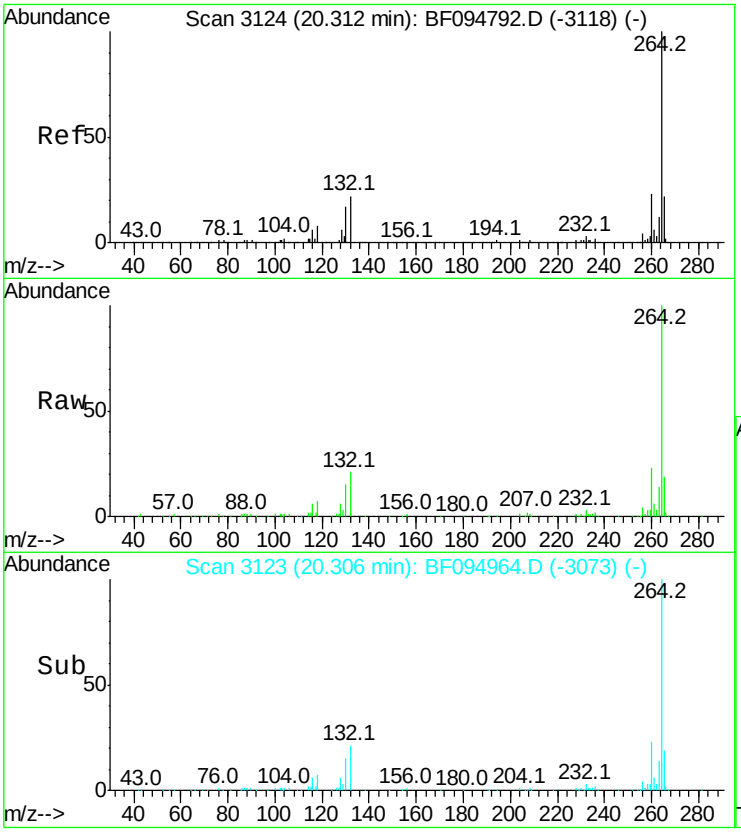


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.50 ng
RT: 18.69 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Tgt Ion:149 Resp: 30438

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.0	31.4
279	1.7	1.9	2.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Instrument :
BNA_F
ClientSampleId :
SB-01-0-2.0

Tgt Ion:264 Resp: 175565

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	19.4	17.2	25.8