Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093340.D
Acq On : 3 Mar 2017 00:12
Operator : SJ/MA
Sample : I2054-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Time: Mar 03 01:25:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 00:22:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	153298	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	625308	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	300622	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	569573	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	462736	20.00	ng	-0.01
86) Perylene-d12	15.39	264	321975	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	280958	31.44	ng	0.01
7) Phenol-d6	6.44	99	255048	22.18	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1014183	90.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	140786	64.75	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1639727	98.82	ng	0.00
78) Terphenyl-d14	12.92	244	1475419	74.92	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.45	94	40250	2.99	ng	83
49) Dimethylphthalate	9.57	163	76106	3.76	ng	99

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

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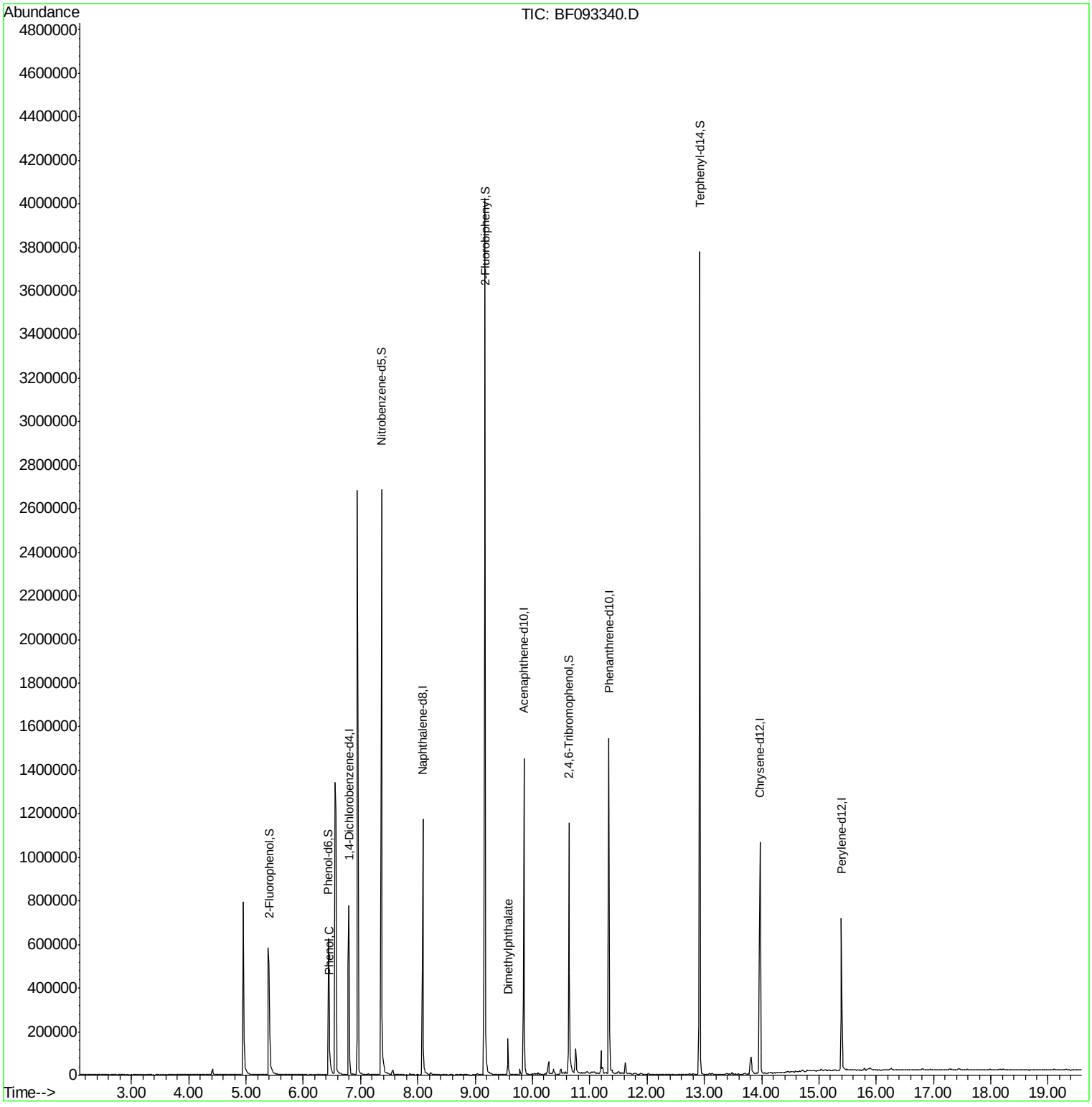
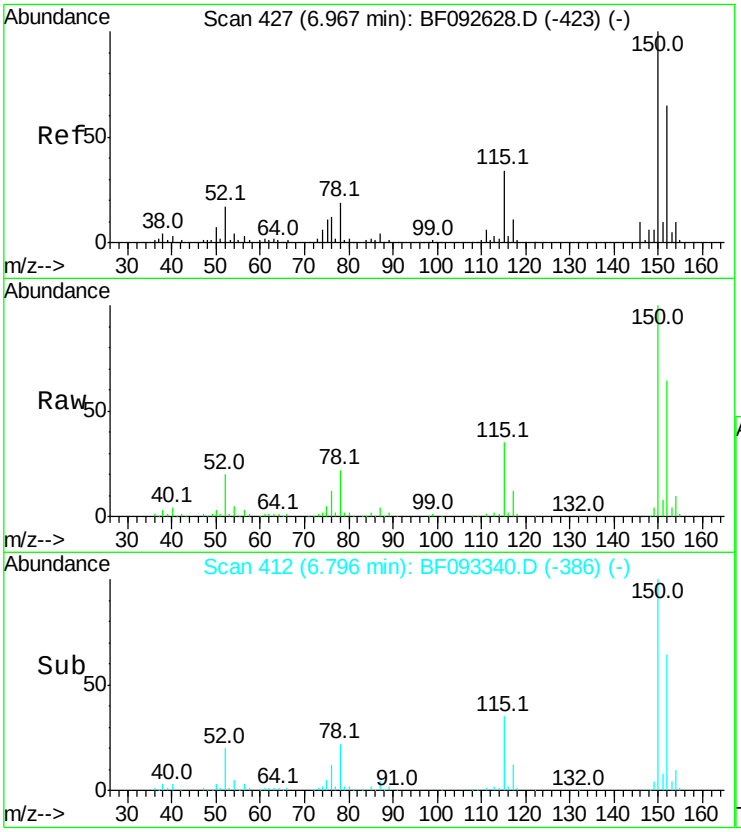


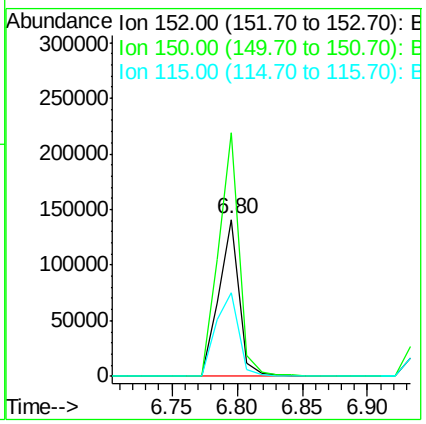


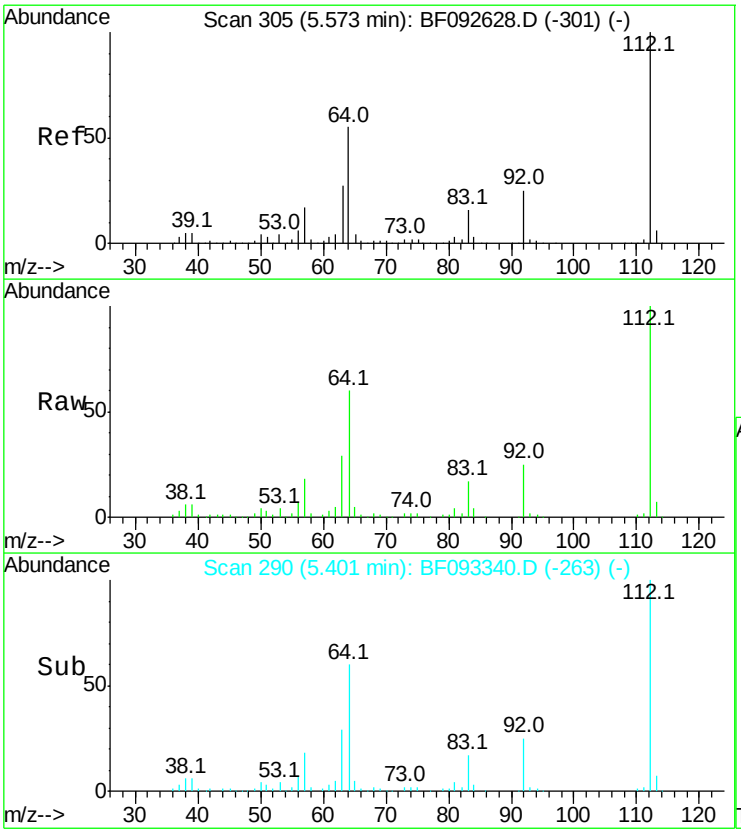
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 153298

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.9	187.3
115	53.7	46.0	69.0

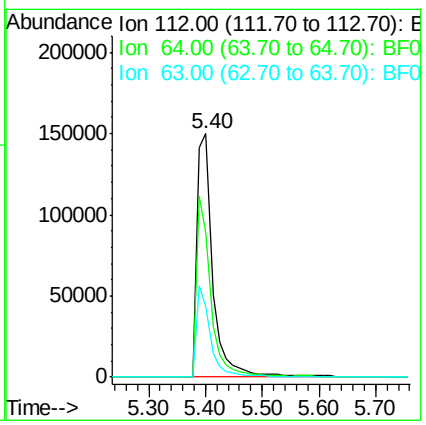


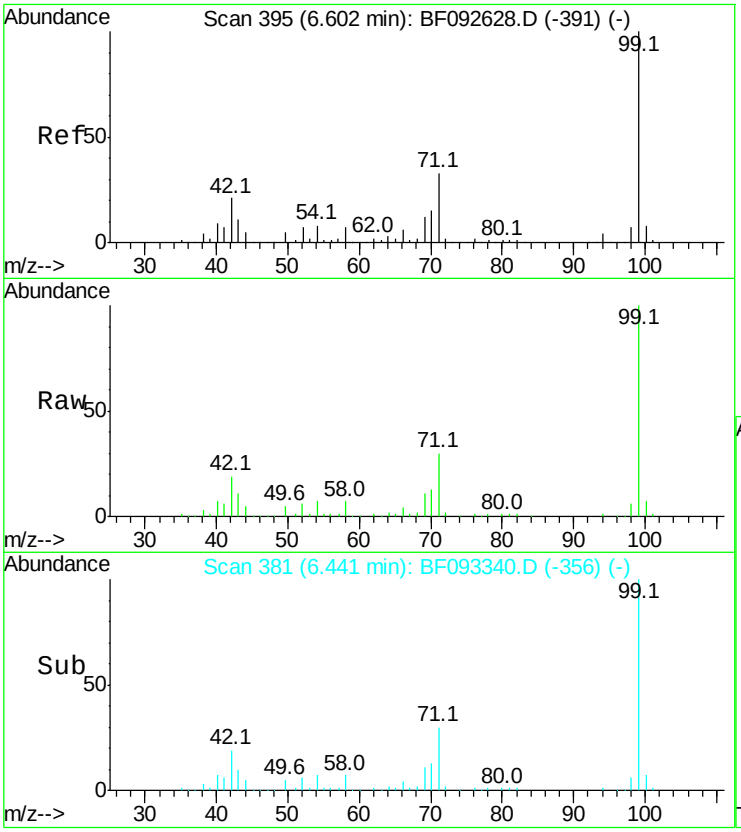


#5
2-Fluorophenol
Concen: 31.44 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Tgt Ion:112 Resp: 280958

Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.1	69.1
63	29.0	23.8	35.6



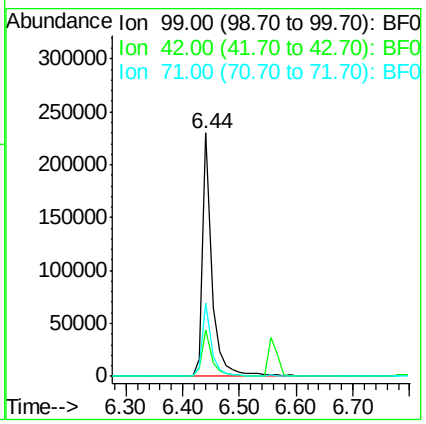


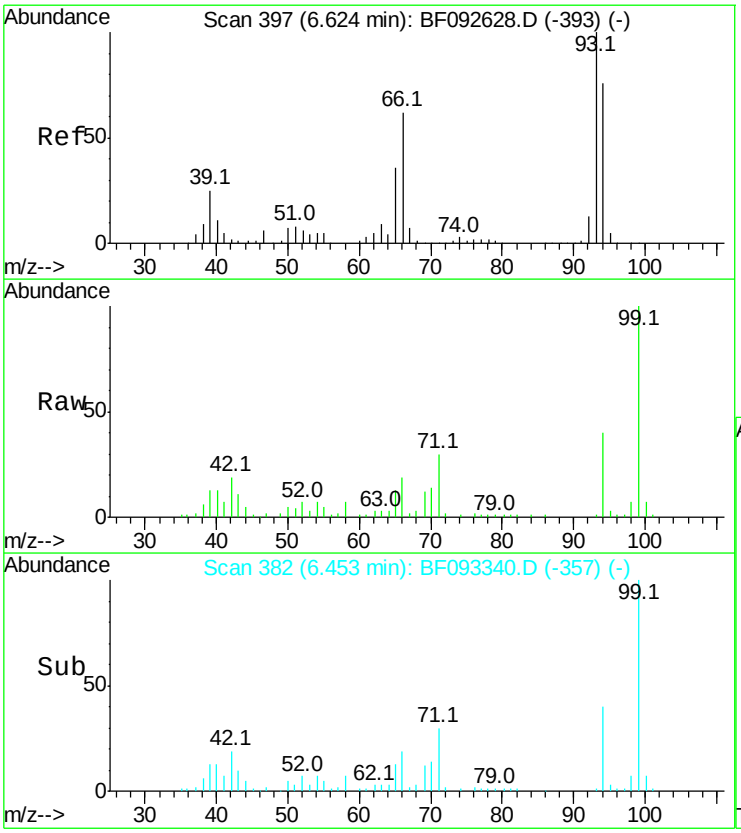
#7
Phenol-d6
Concen: 22.18 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 99 Resp: 255048

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.6	23.4
71	30.3	27.5	41.3

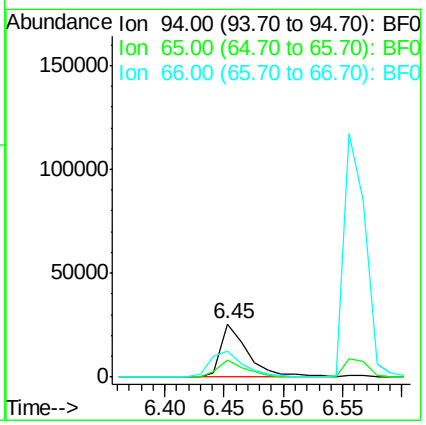


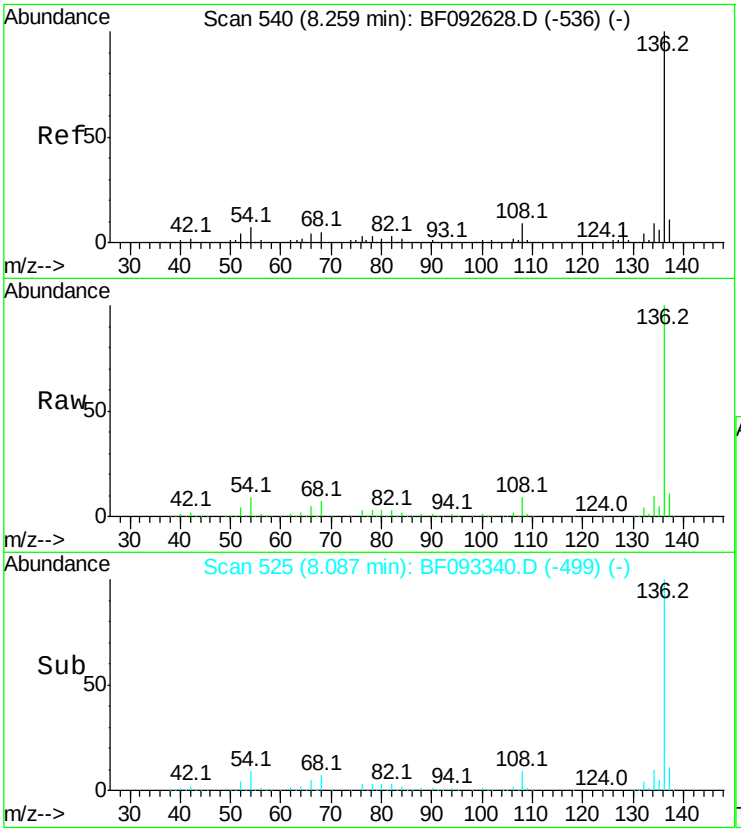


#10
Phenol
Concen: 2.99 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Tgt Ion: 94 Resp: 40250

Ion	Ratio	Lower	Upper
94	100		
65	32.8	21.4	61.4
66	48.6	44.0	84.0



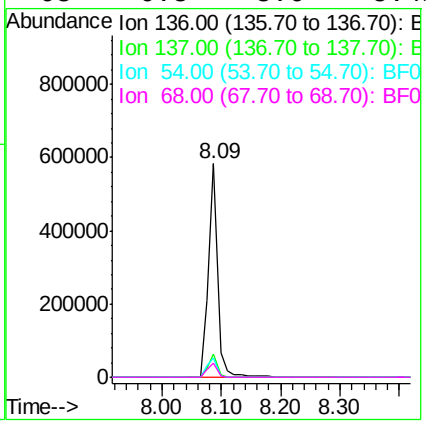


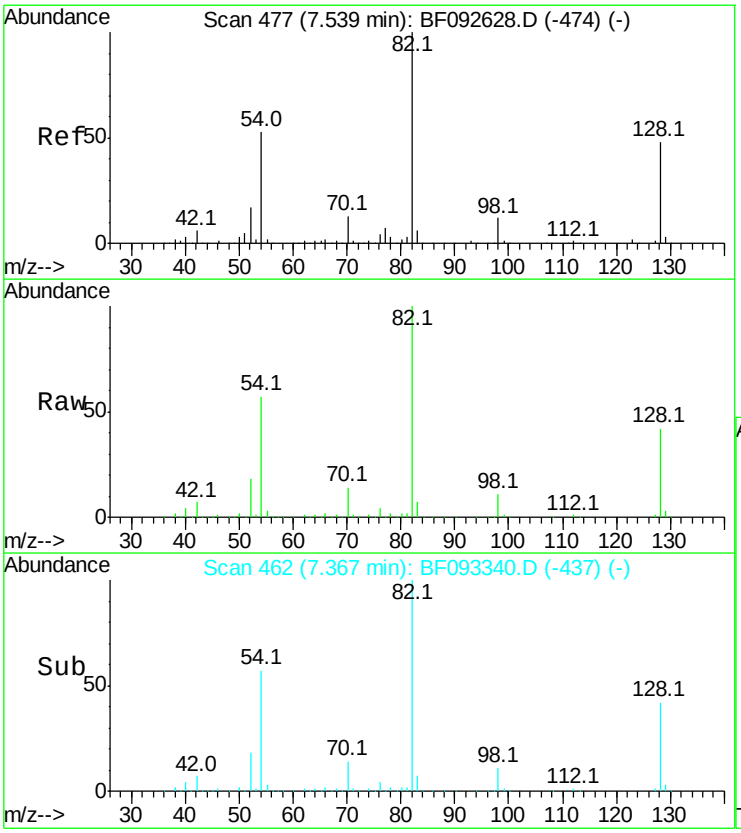
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:136 Resp: 625308

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.0	4.5	6.7#
68	6.8	3.6	5.4#

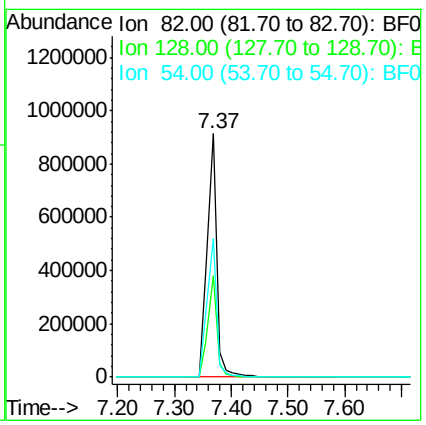


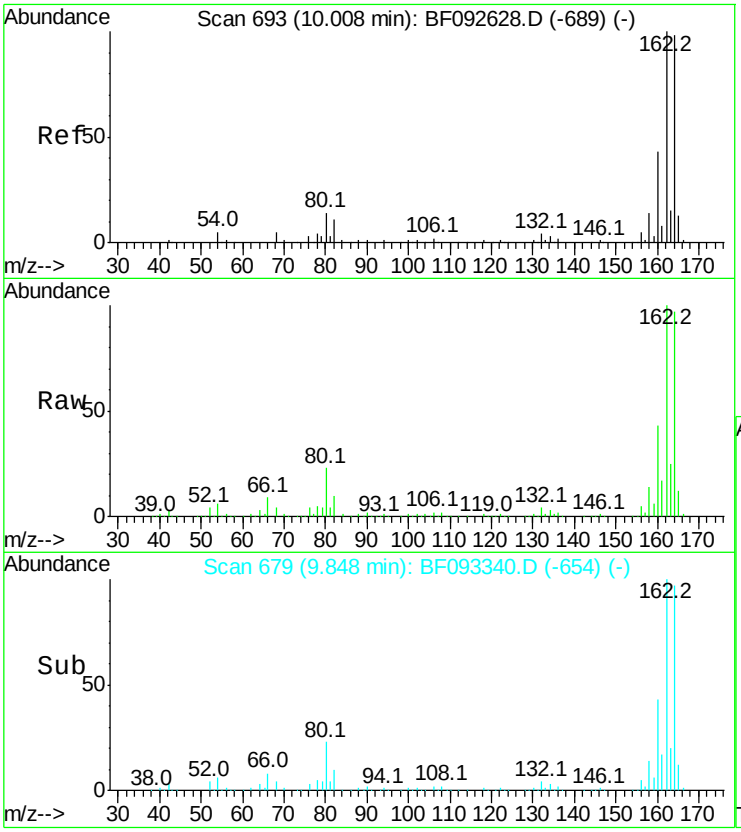


#23
Nitrobenzene-d5
Concen: 90.32 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Tgt Ion: 82 Resp: 1014183

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	57.1	39.5	59.3



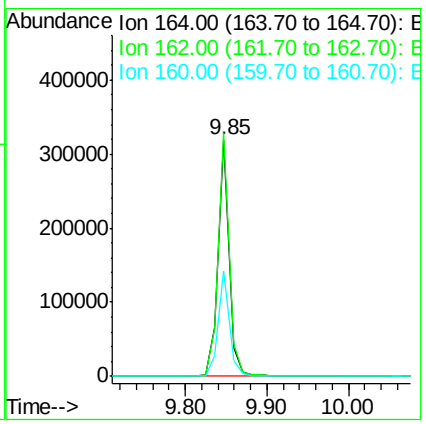


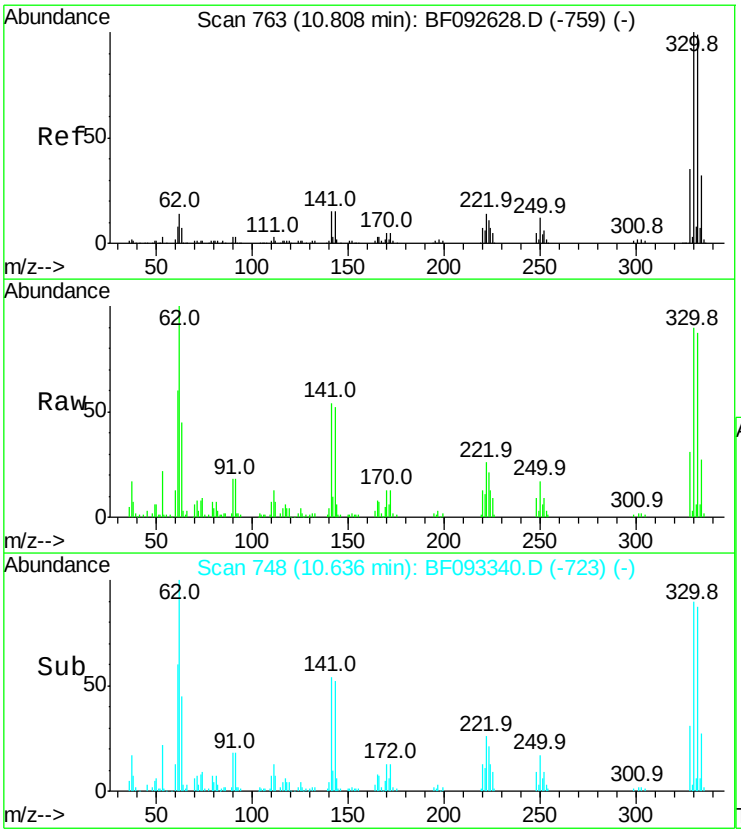
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:164 Resp: 300622

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	44.5	36.9	55.3

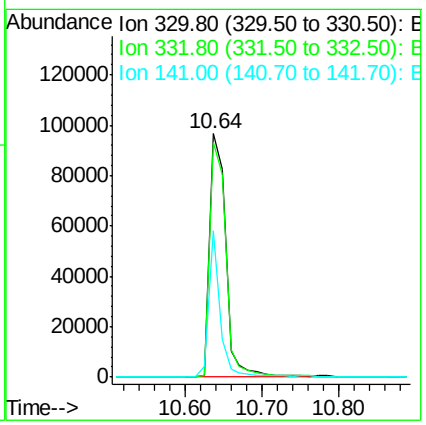


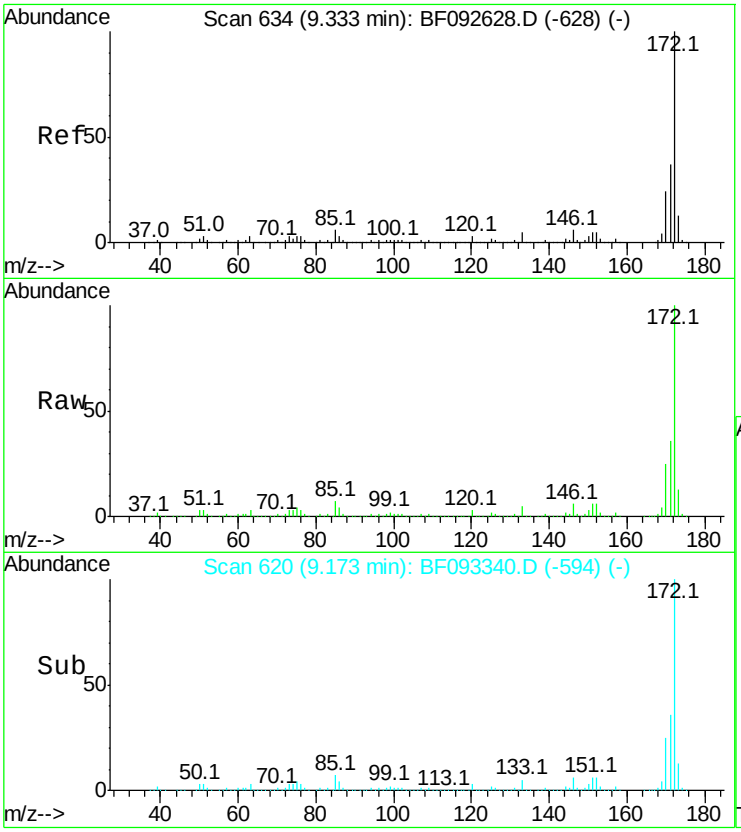


#41
2,4,6-Tribromophenol
Concen: 64.75 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Tgt Ion:330 Resp: 140786

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	42.0	34.1	51.1



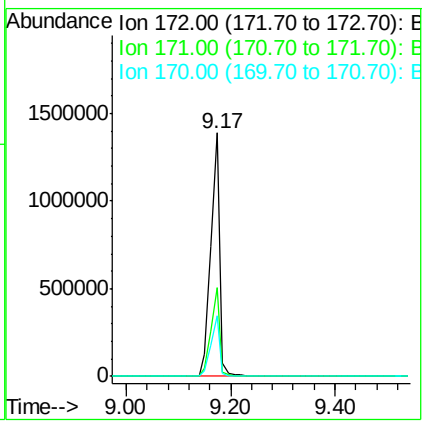


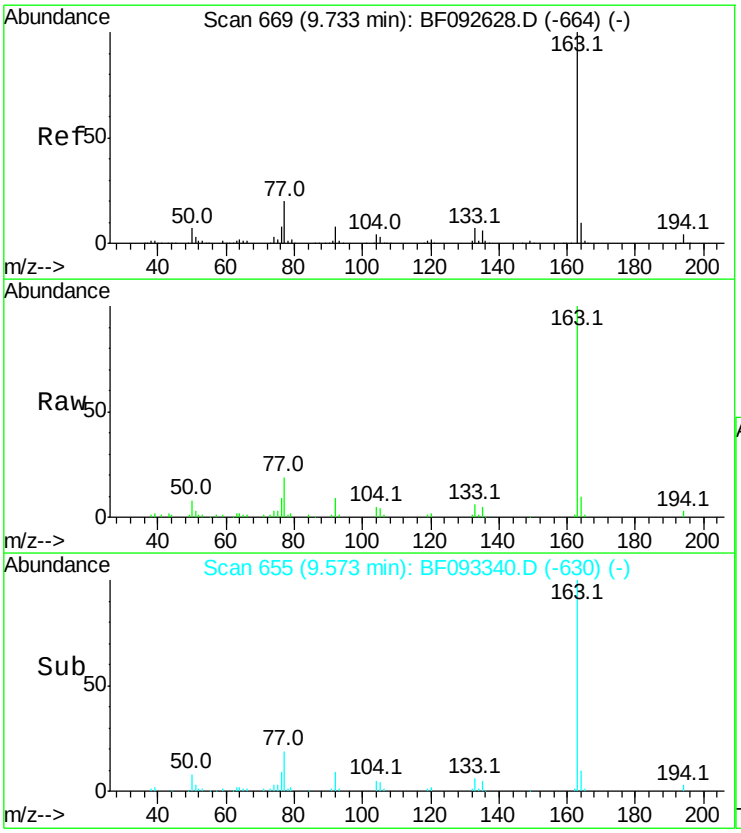
#44
2-Fluorobiphenyl
Concen: 98.82 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:172 Resp: 1639727

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.8	20.2	30.4

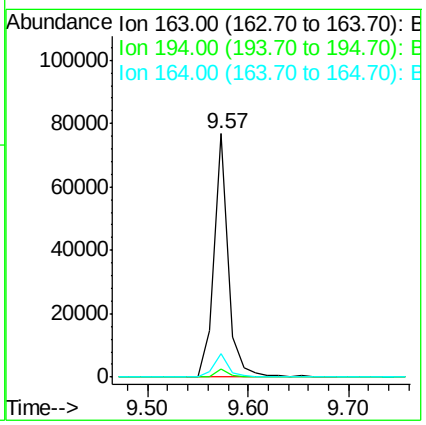


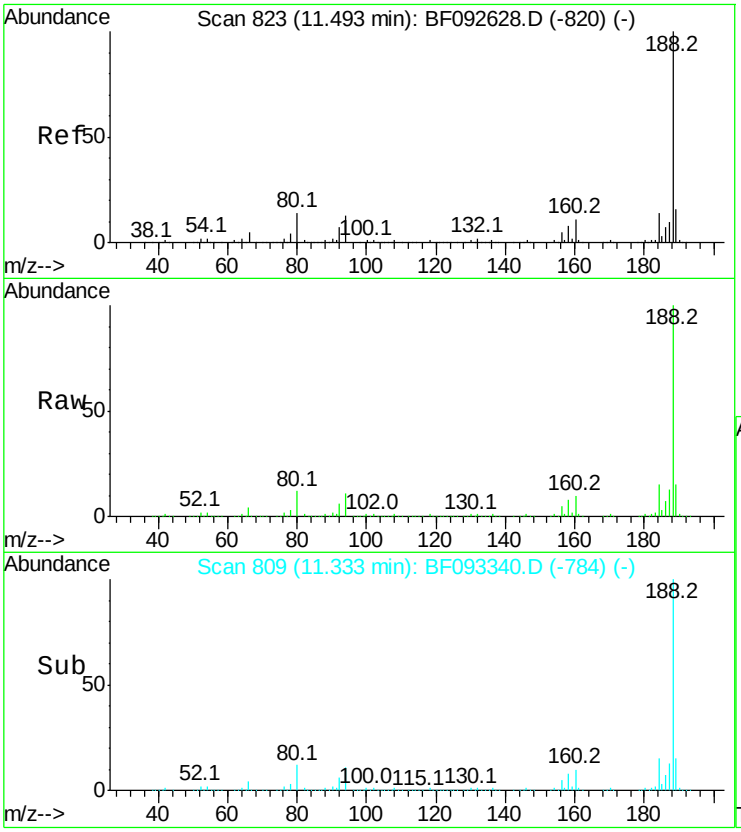


#49
Dimethylphthalate
Concen: 3.76 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Tgt Ion:163 Resp: 76106

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	9.6	8.0	12.0



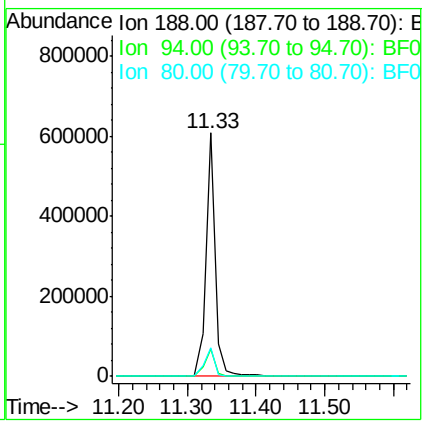


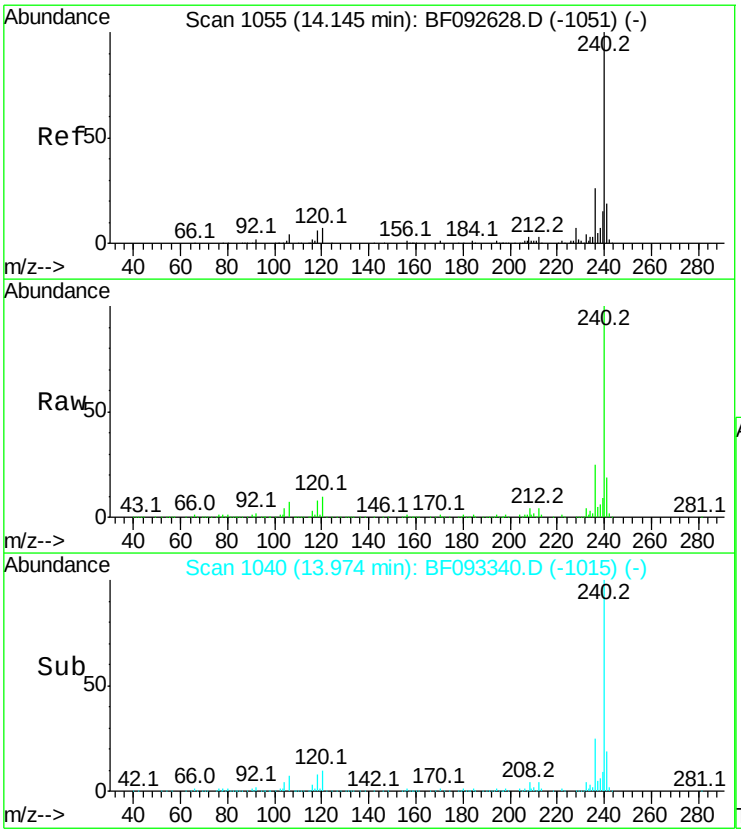
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:188 Resp: 569573

Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.0	15.0
80	11.9	11.2	16.8

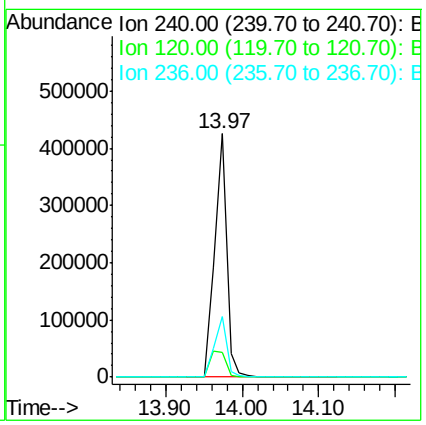


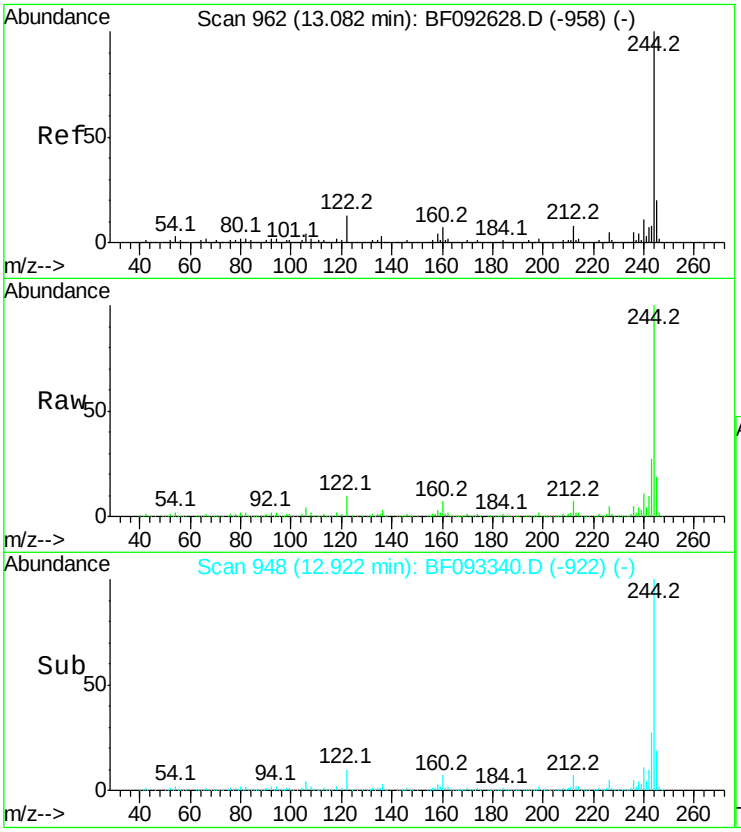


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Tgt Ion:240 Resp: 462736

Ion	Ratio	Lower	Upper
240	100		
120	10.1	12.9	19.3#
236	25.1	20.9	31.3



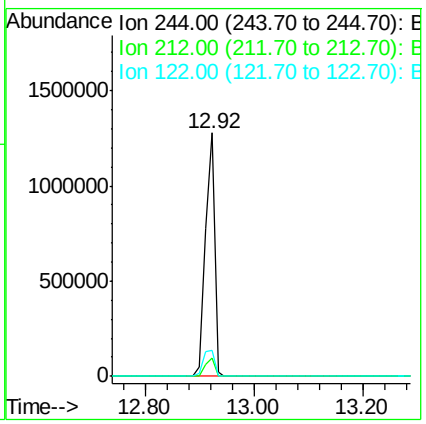


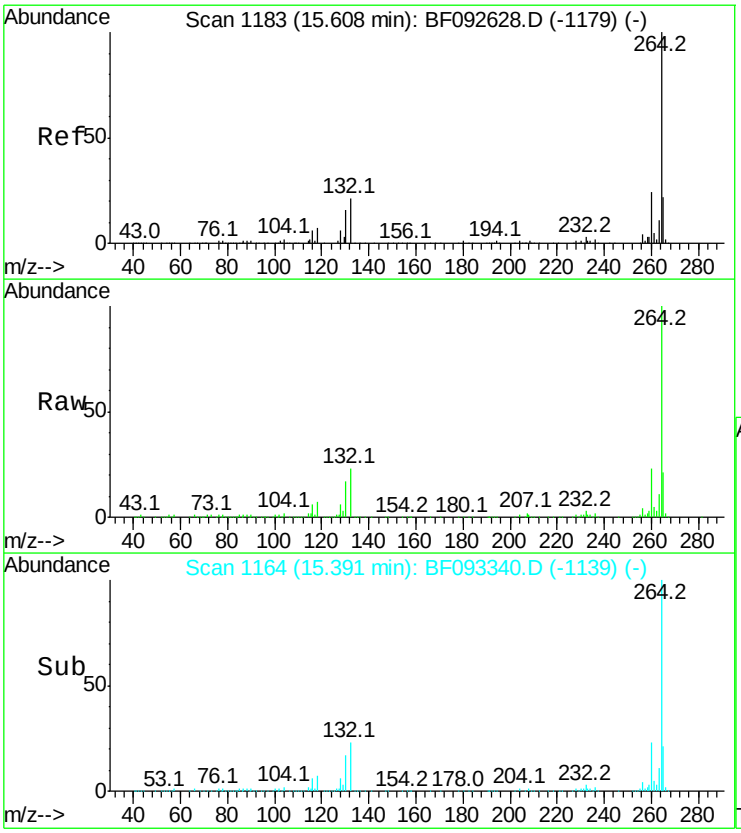
#78
Terphenyl-d14
Concen: 74.92 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:244 Resp: 1475419

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	10.5	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Tgt Ion:264 Resp: 321975

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	17.4	26.0