Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
Data File : BF092929.D
Acq On : 13 Feb 2017 20:18
Operator : SJ/MA
Sample : I1799-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

Quant Time: Feb 14 01:22:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	129503	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	547169	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	303292	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	508812	20.00	ng	0.00
75) Chrysene-d12	14.03	240	440633	20.00	ng	-0.02
86) Perylene-d12	15.47	264	388125	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	876924	116.17	ng	0.00
7) Phenol-d6	6.52	99	1227266	126.36	ng	-0.01
23) Nitrobenzene-d5	7.45	82	723463	73.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	224298	102.25	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1263633	75.48	ng	0.00
78) Terphenyl-d14	12.99	244	1168814	62.33	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.53	94	24926	2.19	ng	# 67
49) Dimethylphthalate	9.63	163	168254	8.24	ng	99

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

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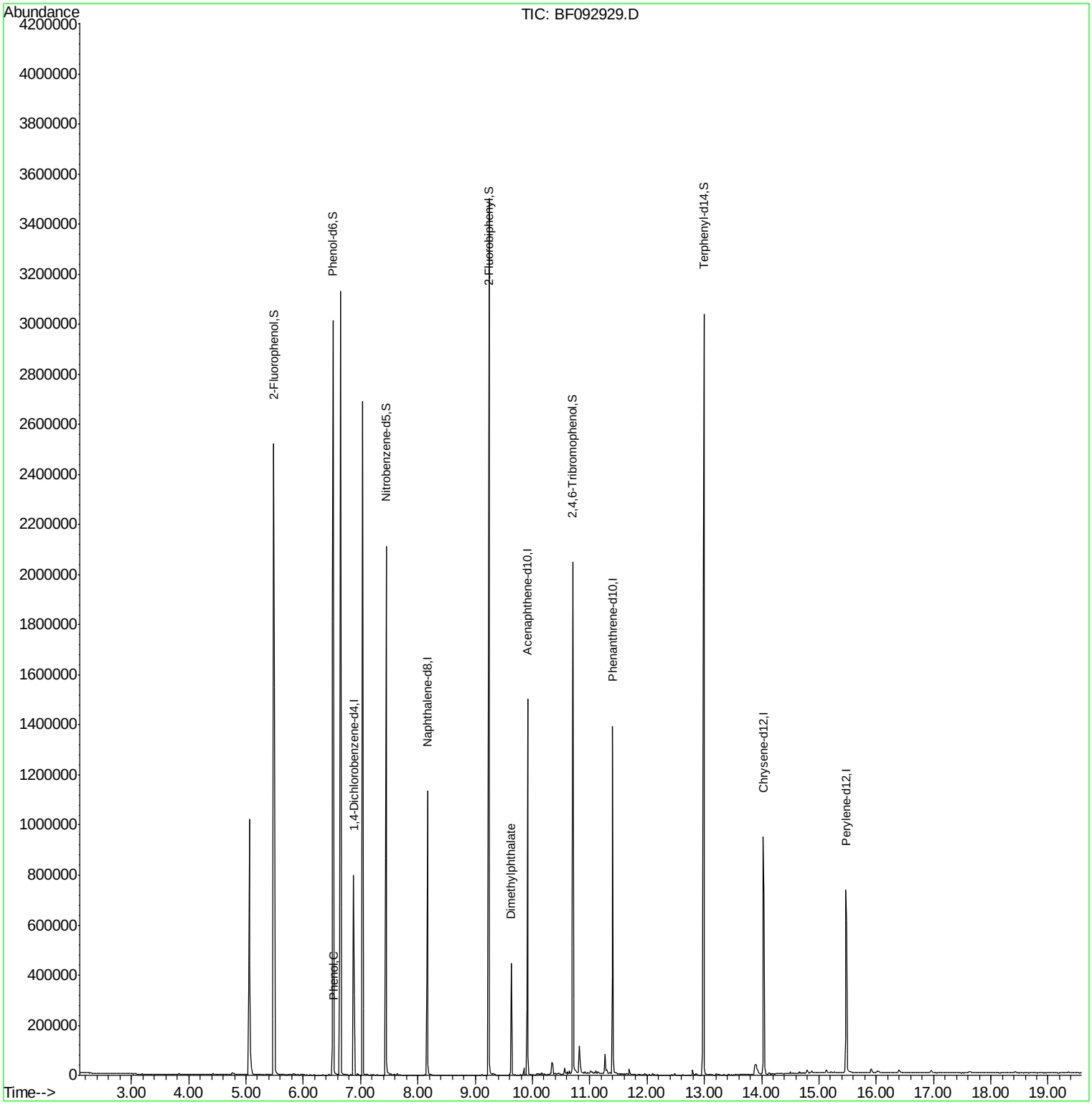
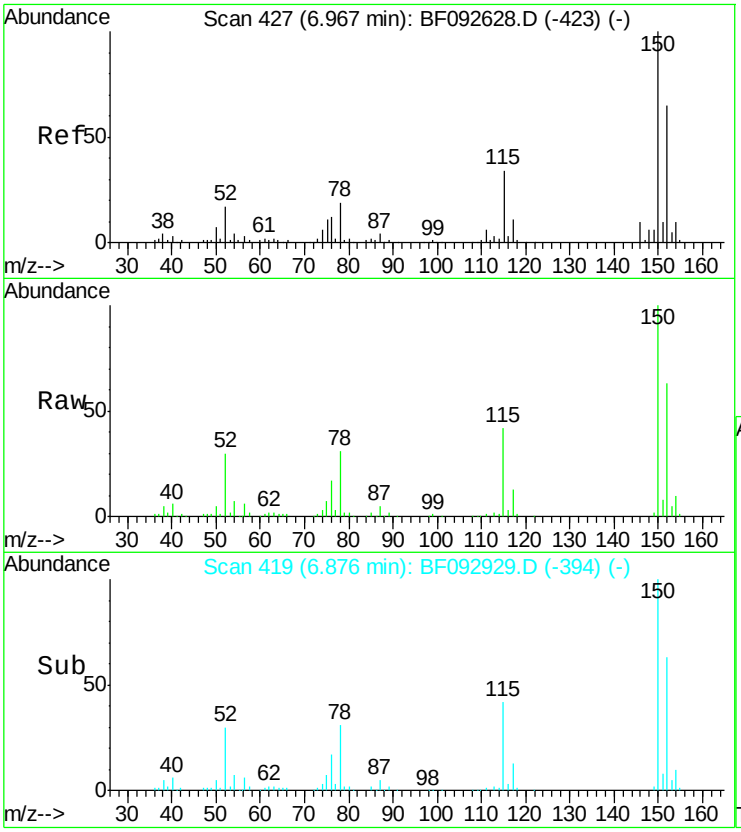


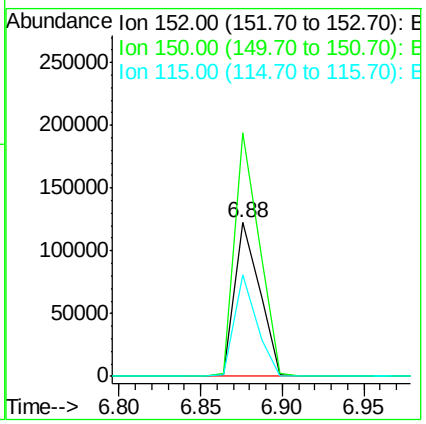


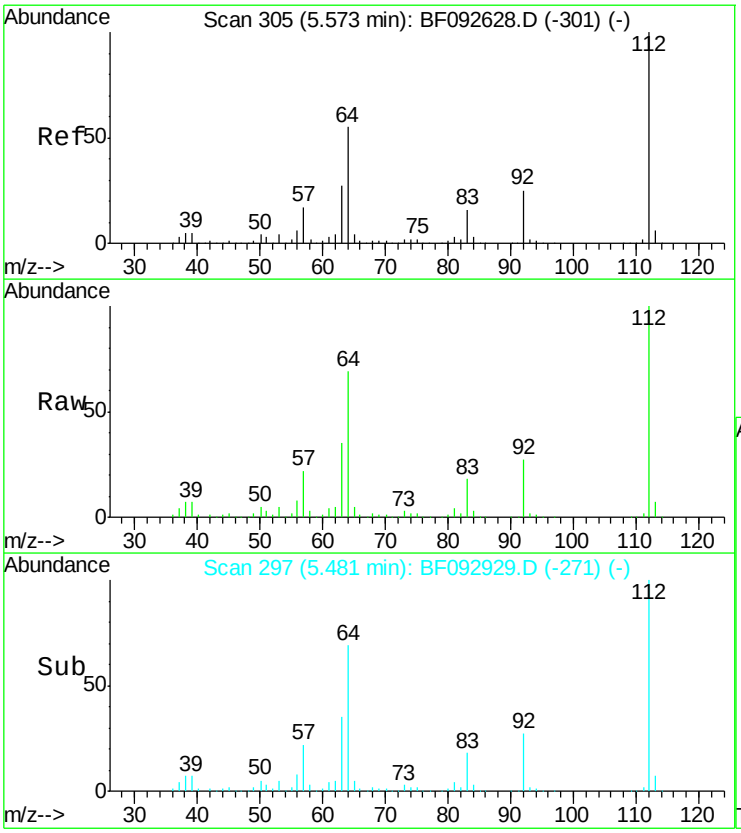
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:152 Resp: 129503

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.9	187.3
115	66.2	46.0	69.0

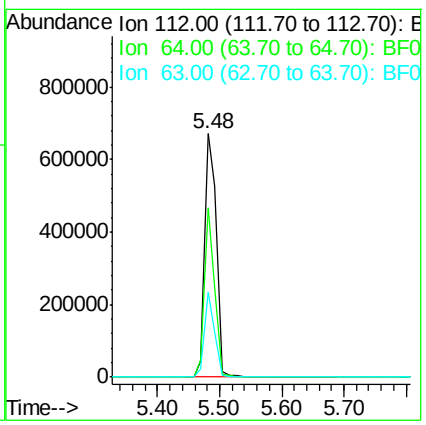


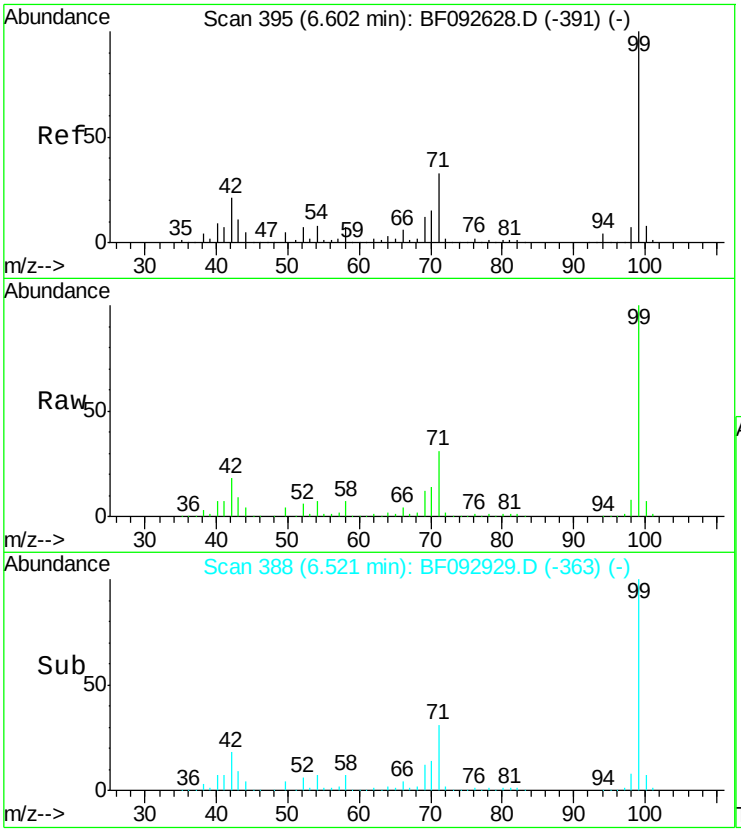


#5
2-Fluorophenol
Concen: 116.17 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Tgt Ion:112 Resp: 876924

Ion	Ratio	Lower	Upper
112	100		
64	69.5	46.1	69.1#
63	35.0	23.8	35.6



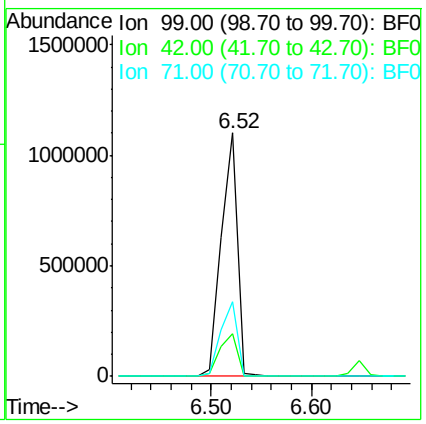


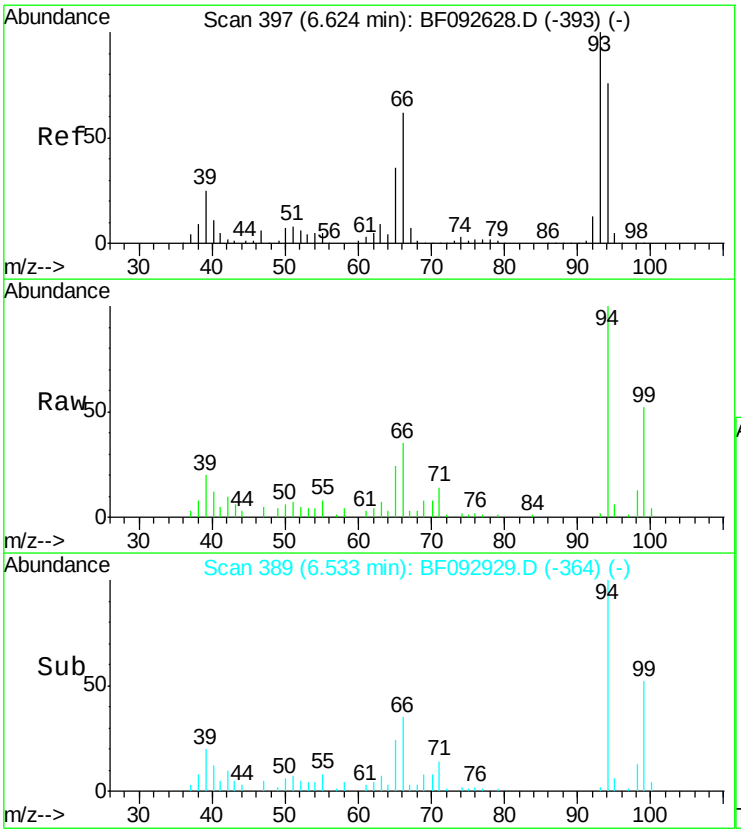
#7
Phenol-d6
Concen: 126.36 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 99 Resp: 1227266

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.6	23.4
71	30.7	27.5	41.3

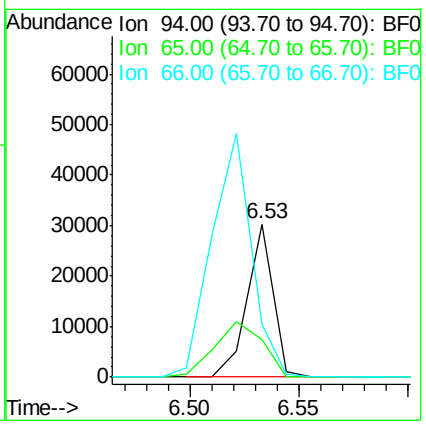


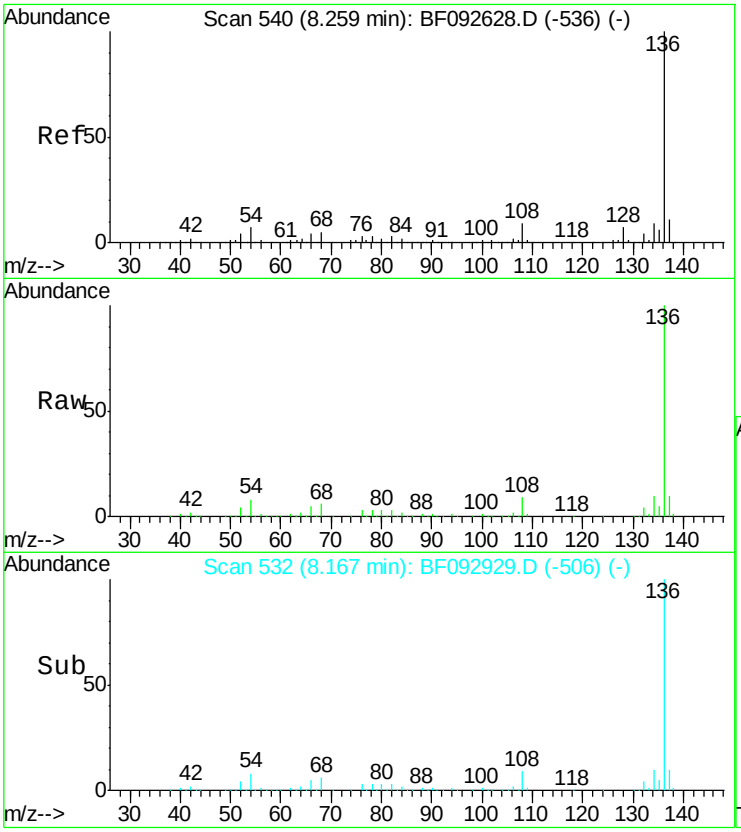


#10
Phenol
Concen: 2.19 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Tgt Ion: 94 Resp: 24926

Ion	Ratio	Lower	Upper
94	100		
65	24.3	21.4	61.4
66	34.8	44.0	84.0#



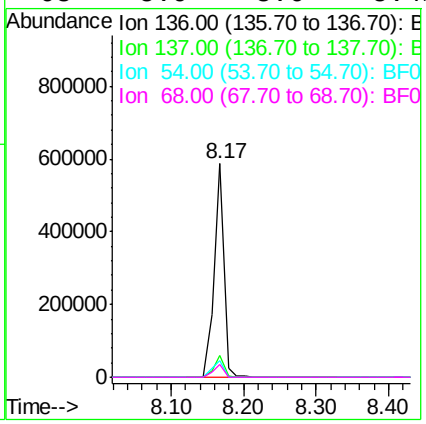


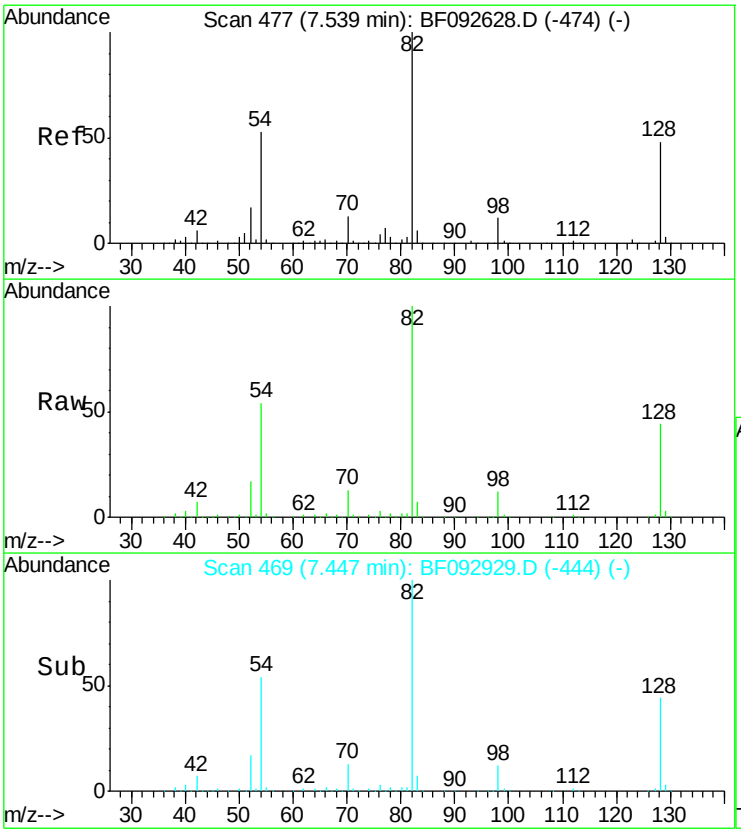
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:136 Resp: 547169

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	8.0	4.5	6.7#
68	5.9	3.6	5.4#

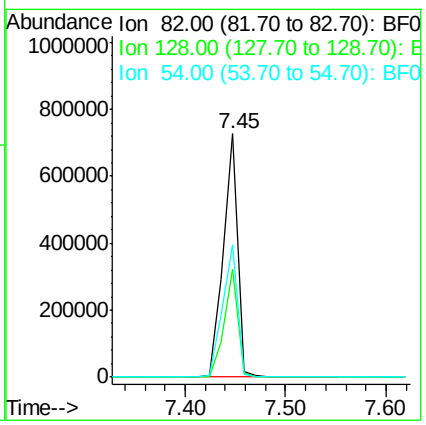


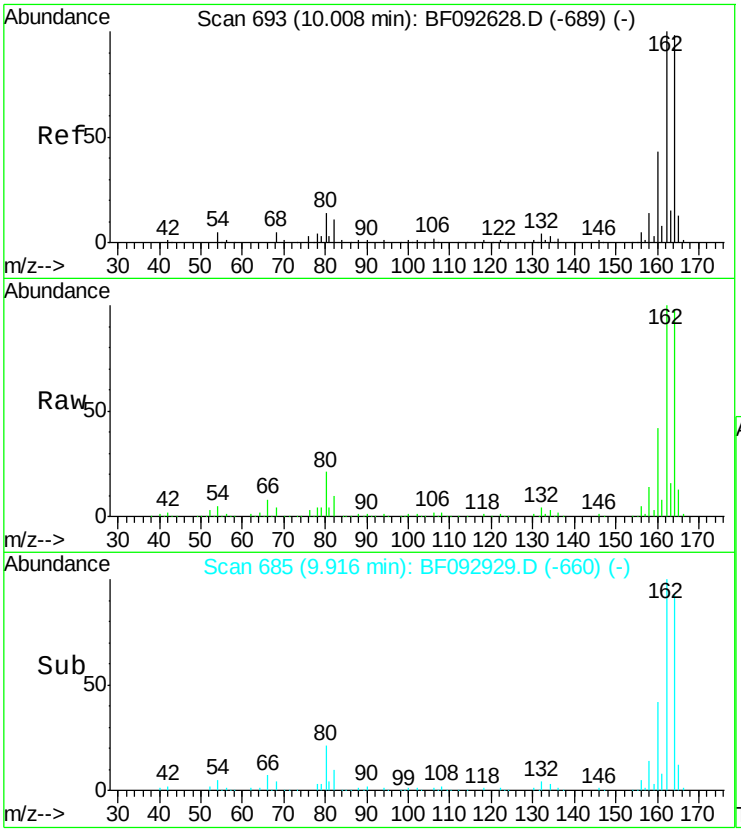


#23
Nitrobenzene-d5
Concen: 73.63 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Tgt Ion: 82 Resp: 723463

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	52.0
54	54.4	39.5	59.3



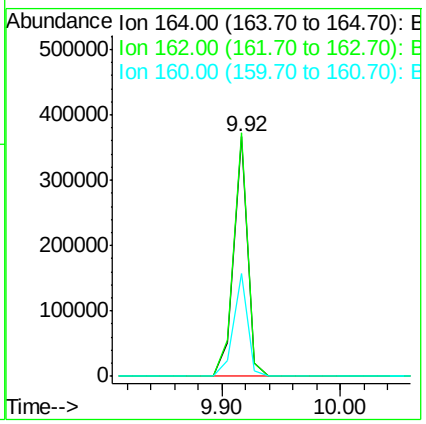


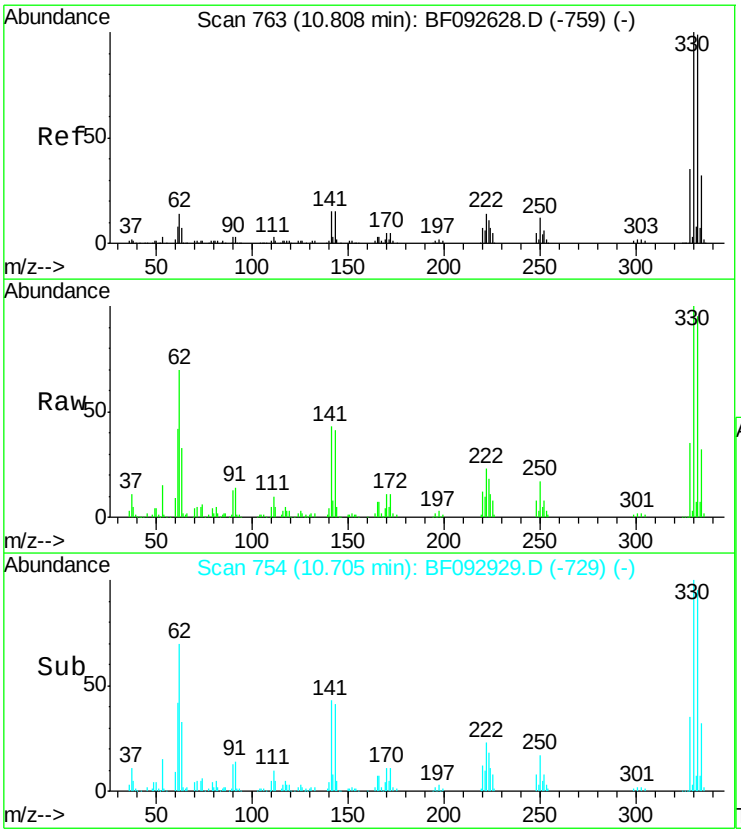
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:164 Resp: 303292

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	43.0	36.9	55.3

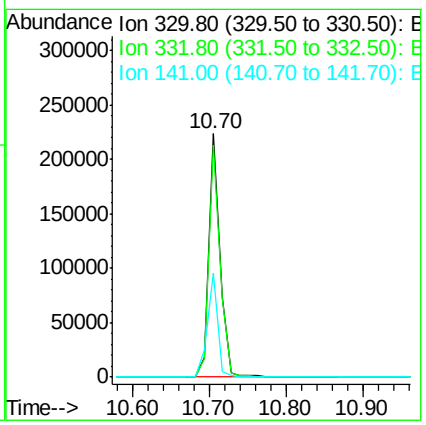


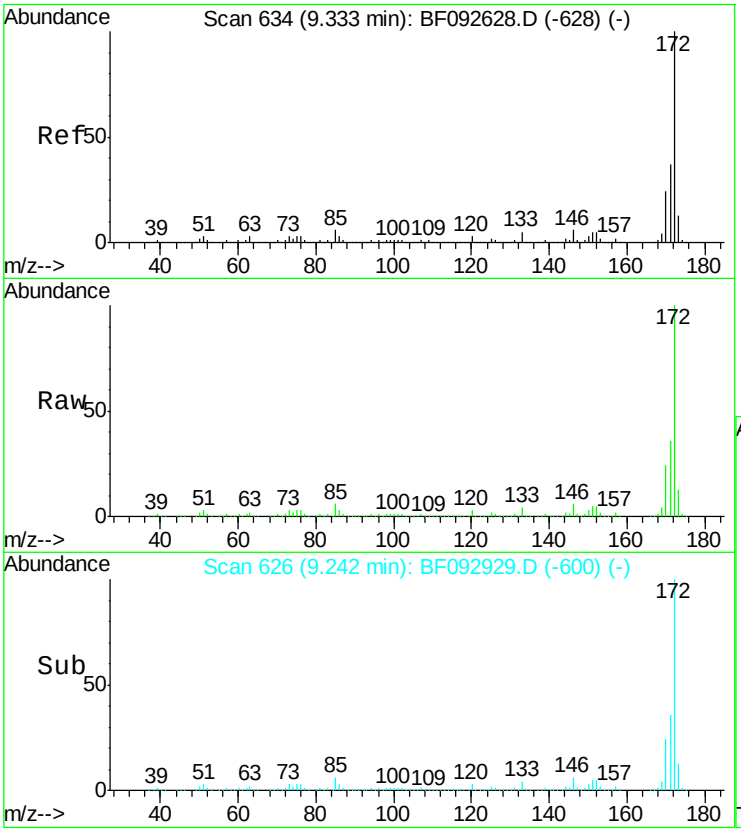


#41
2,4,6-Tribromophenol
Concen: 102.25 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Tgt Ion:330 Resp: 224298

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	39.7	34.1	51.1



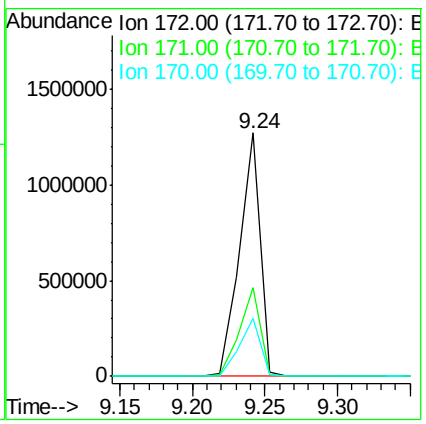


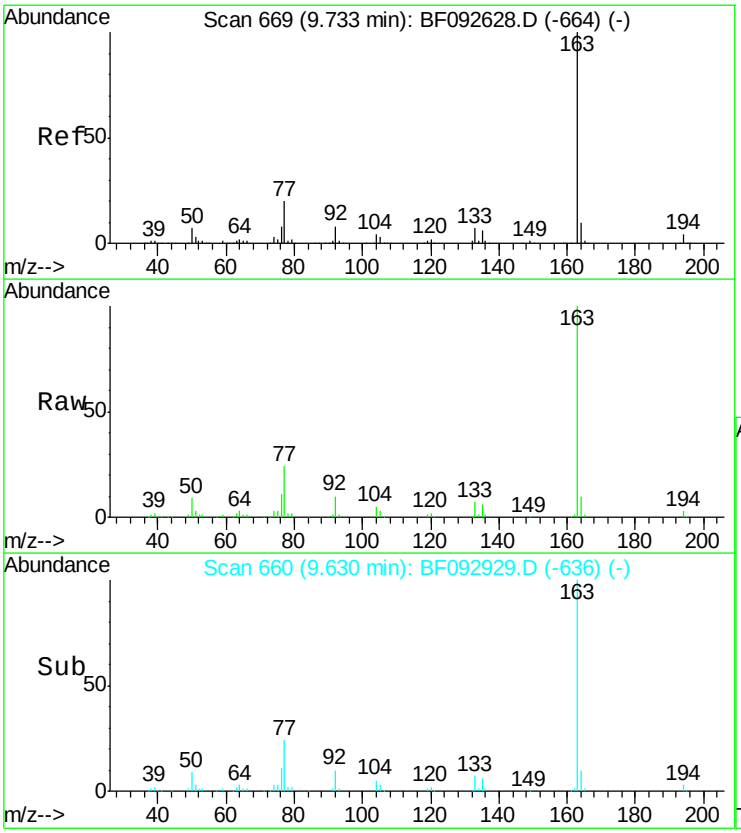
#44
2-Fluorobiphenyl
Concen: 75.48 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:172 Resp: 1263633

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	23.7	20.2	30.4

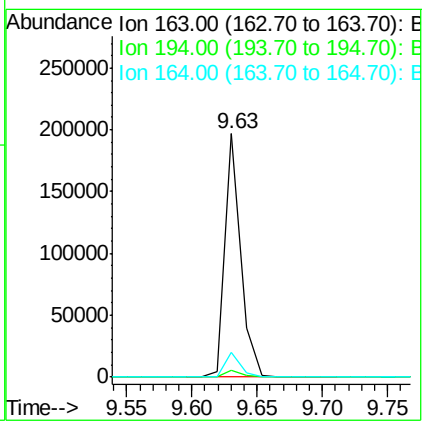


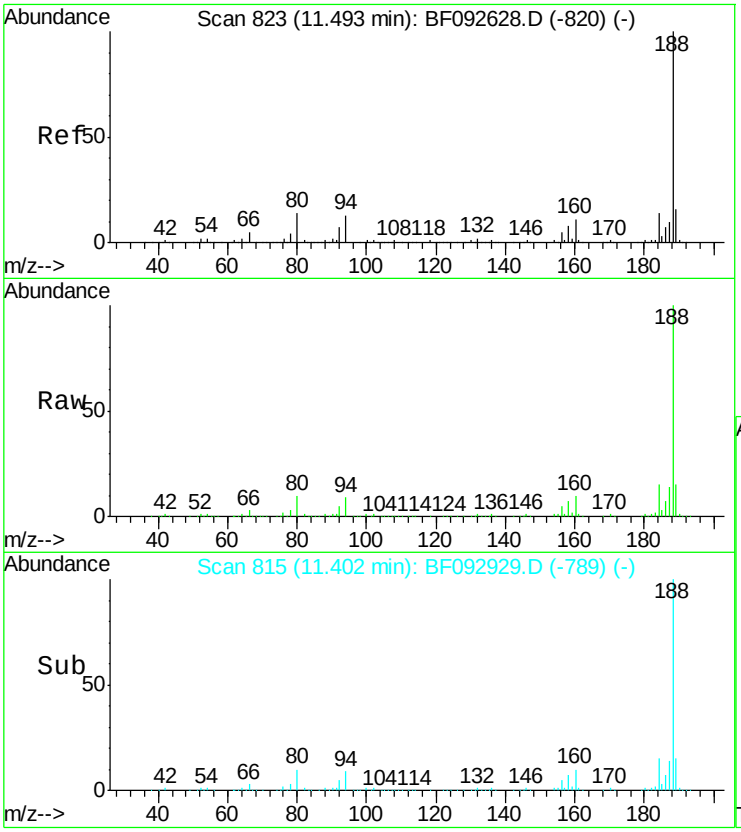


#49
Dimethylphthalate
Concen: 8.24 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Tgt Ion:163 Resp: 168254

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.2	8.0	12.0



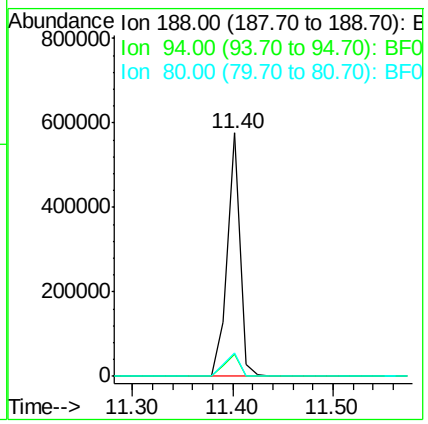


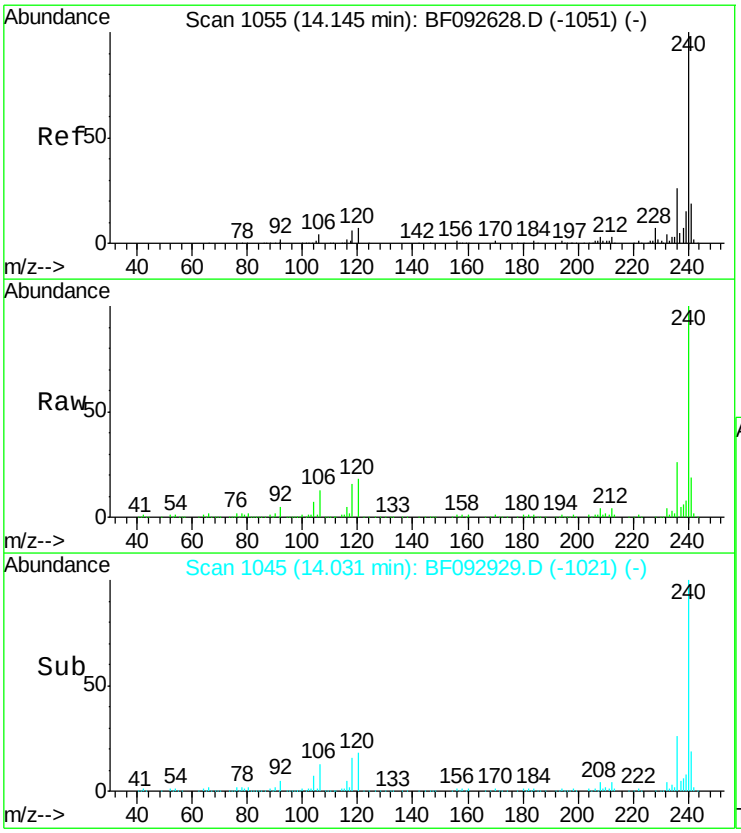
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:188 Resp: 508812

Ion	Ratio	Lower	Upper
188	100		
94	9.3	10.0	15.0#
80	9.9	11.2	16.8#

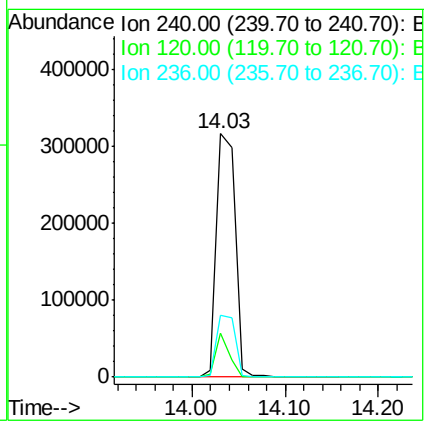


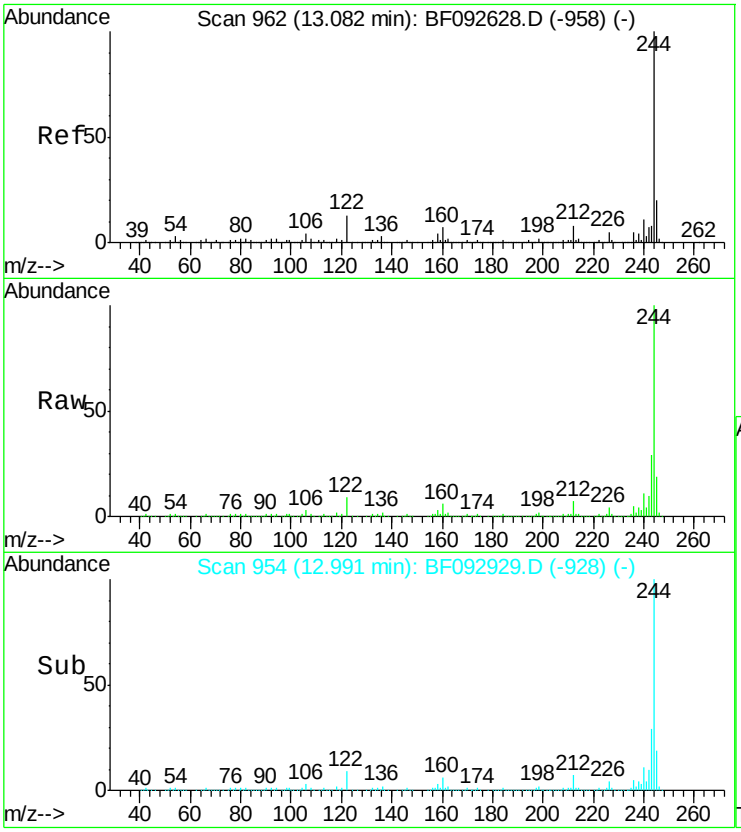


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Tgt Ion:240 Resp: 440633

Ion	Ratio	Lower	Upper
240	100		
120	18.1	12.9	19.3
236	25.6	20.9	31.3



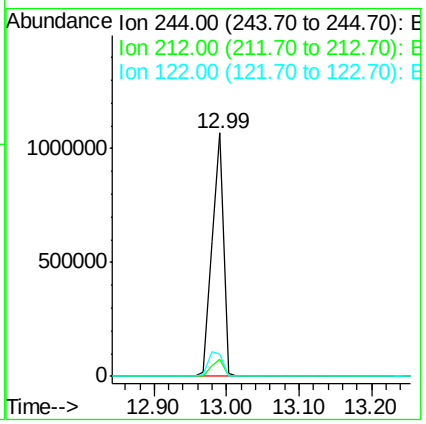


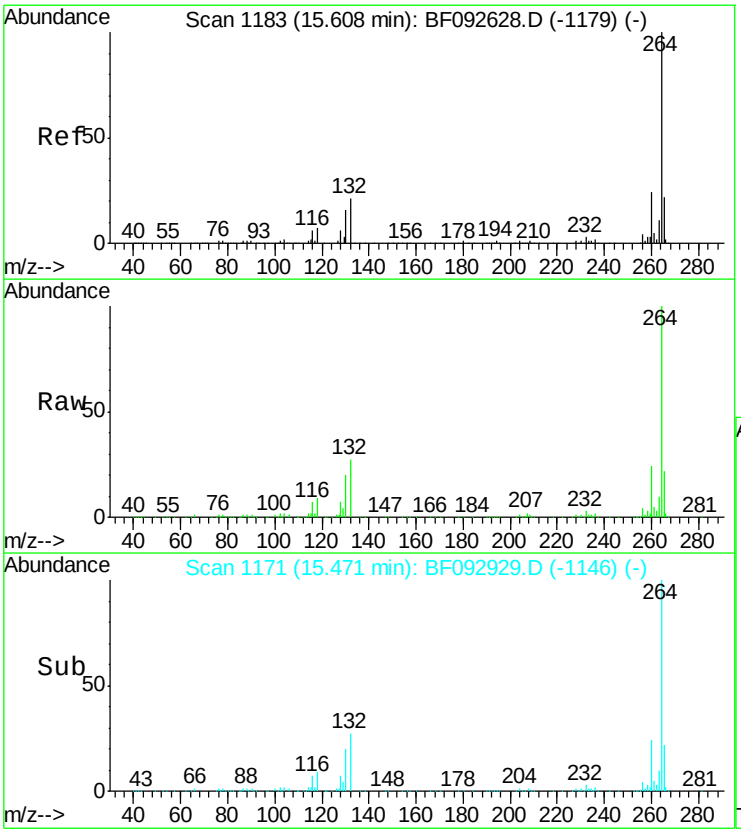
#78
Terphenyl-d14
Concen: 62.33 ng
RT: 12.99 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:244 Resp: 1168814

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	9.1	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Tgt Ion:264 Resp: 388125

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.4	26.0