Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092892.D
Acq On : 10 Feb 2017 19:28
Operator : SJ/MA
Sample : I1777-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 38-SB-02-5-7

Quant Time: Feb 10 23:50:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	162113	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	673776	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	395109	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	673600	20.00	ng	0.00
75) Chrysene-d12	14.05	240	526033	20.00	ng	-0.01
86) Perylene-d12	15.51	264	435051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1224476	129.58	ng	0.01
7) Phenol-d6	6.53	99	1322060	108.74	ng	0.00
23) Nitrobenzene-d5	7.46	82	854553	70.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	308420	107.93	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1615038	74.05	ng	0.00
78) Terphenyl-d14	13.01	244	1467528	65.55	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.54	94	92168	6.48	ng	# 75
49) Dimethylphthalate	9.65	163	122027	4.59	ng	99

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

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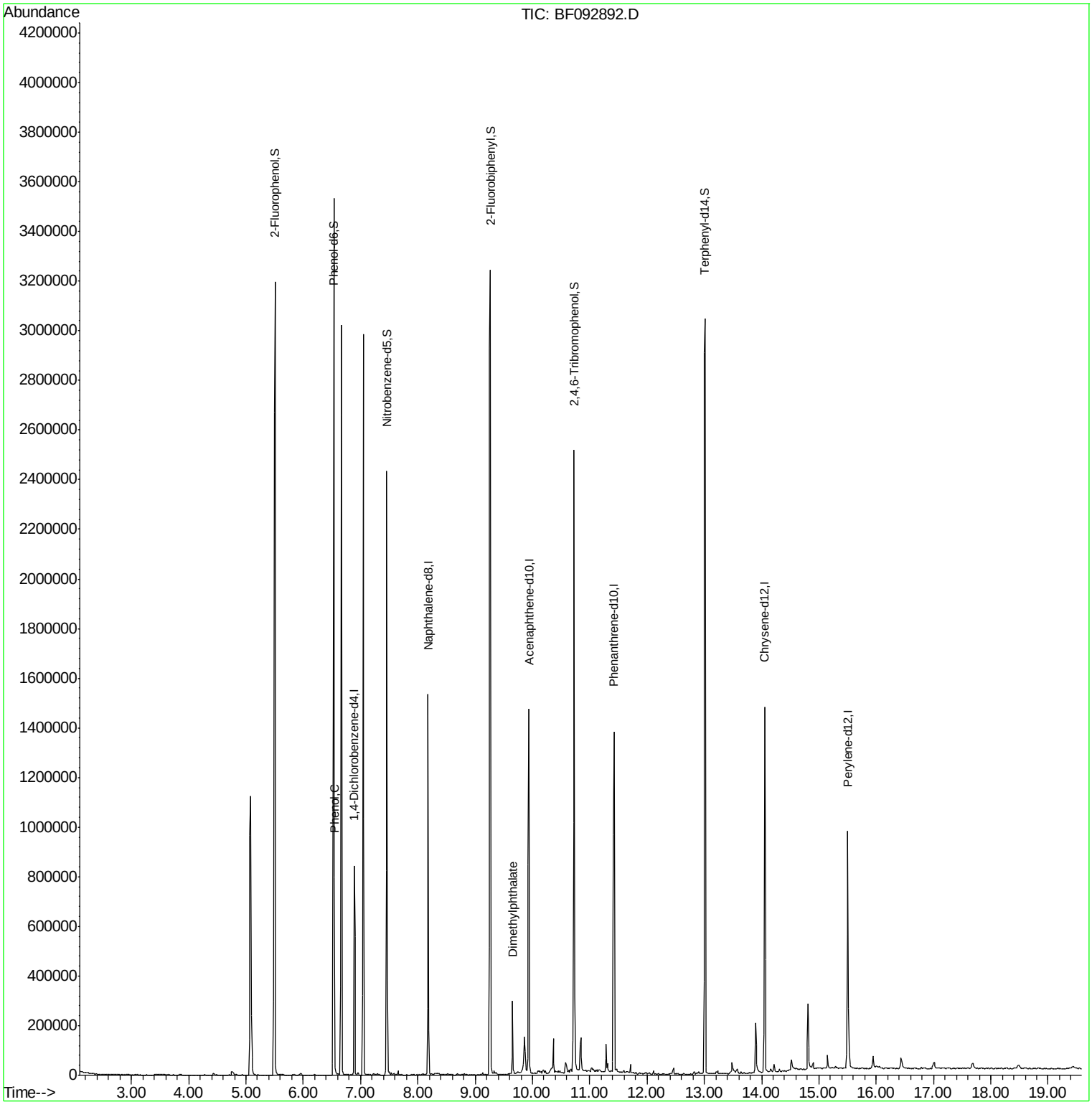
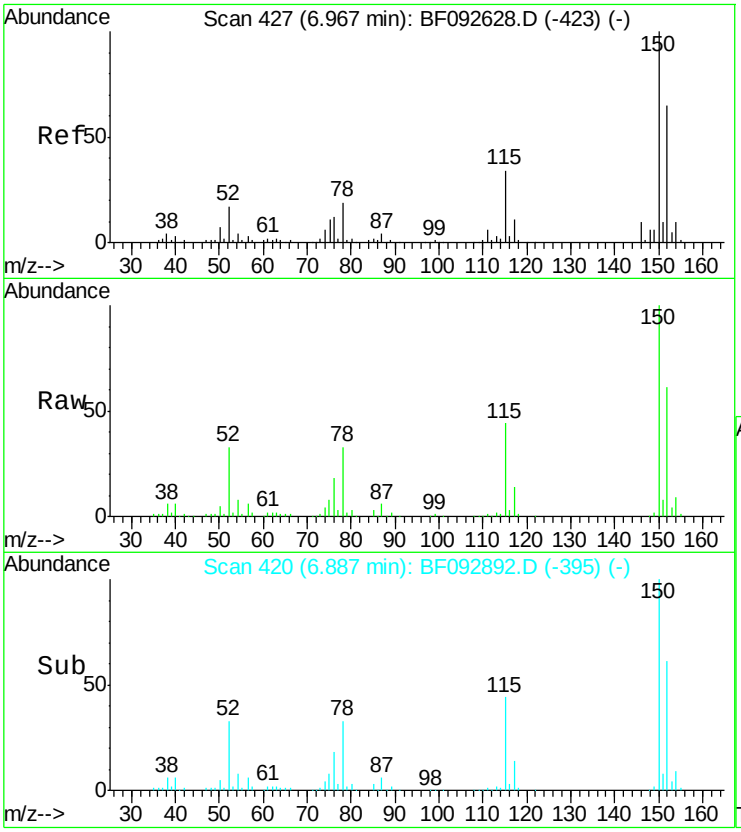


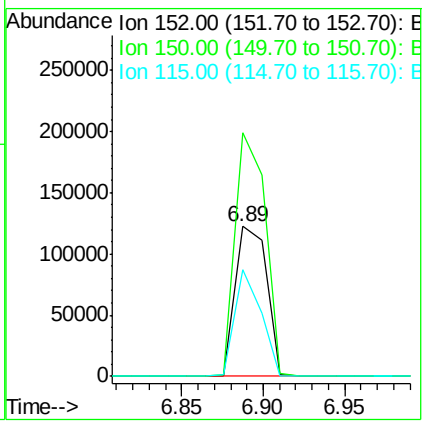


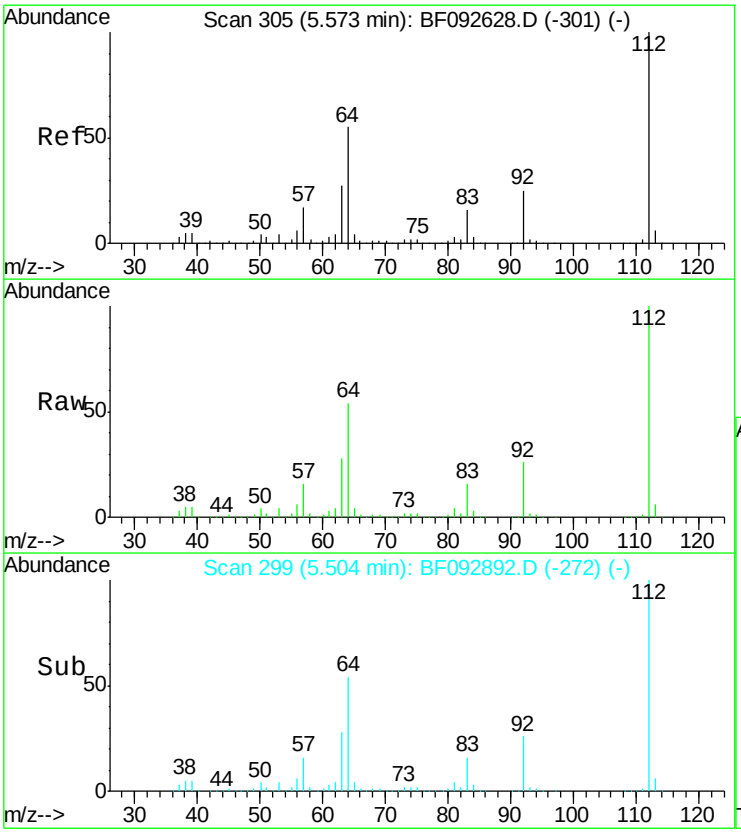
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Instrument :
BNA_F
ClientSampleId :
38-SB-02-5-7

Tgt Ion:152 Resp: 162113

Ion	Ratio	Lower	Upper
152	100		
150	162.7	124.9	187.3
115	71.3	46.0	69.0#

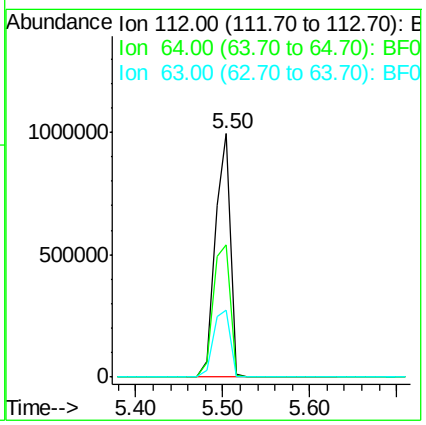


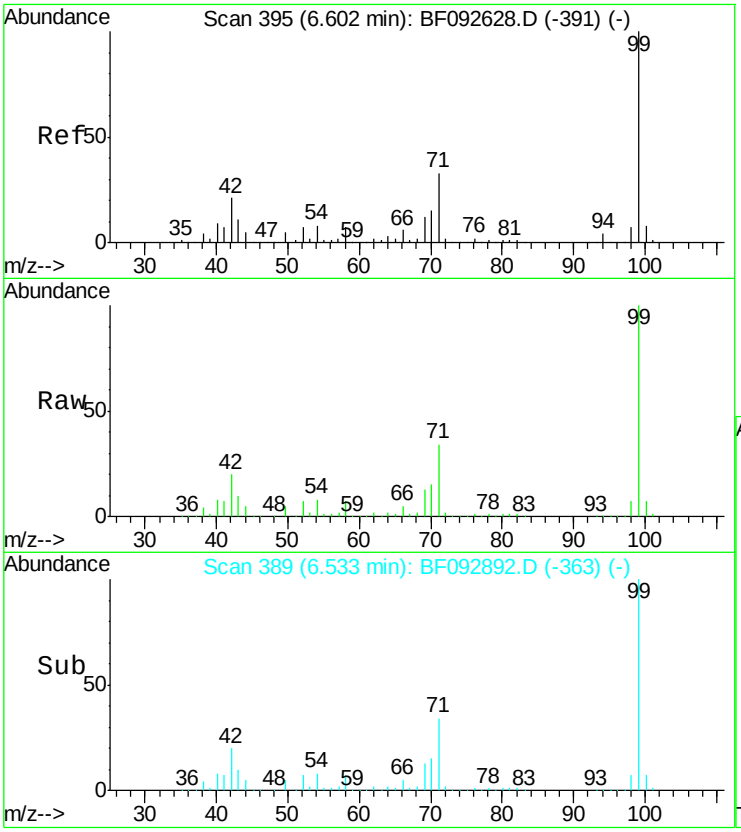


#5
2-Fluorophenol
Concen: 129.58 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Tgt Ion:112 Resp: 1224476

Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.1	69.1
63	27.6	23.8	35.6



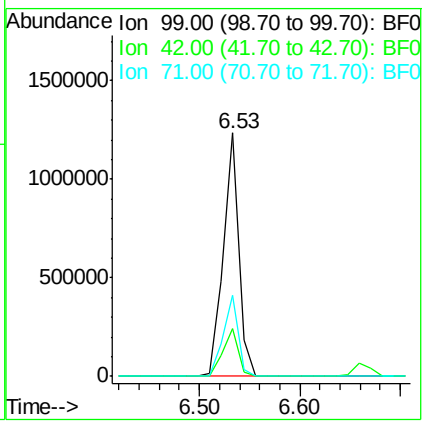


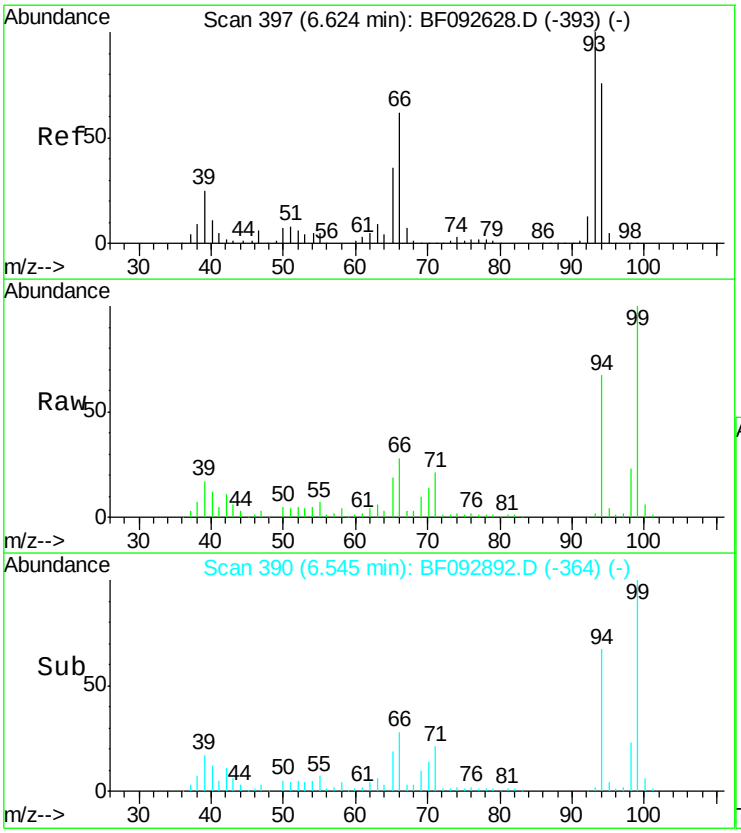
#7
Phenol-d6
Concen: 108.74 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Instrument :
BNA_F
ClientSampleId :
38-SB-02-5-7

Tgt Ion: 99 Resp: 1322060

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.6	23.4
71	33.5	27.5	41.3

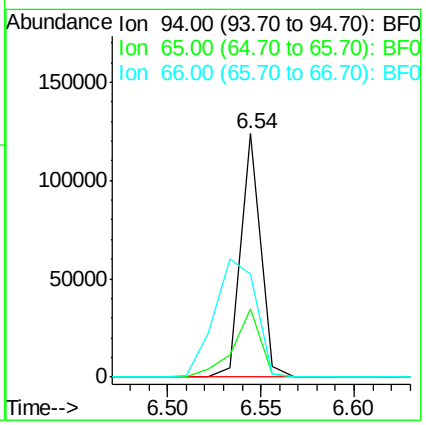


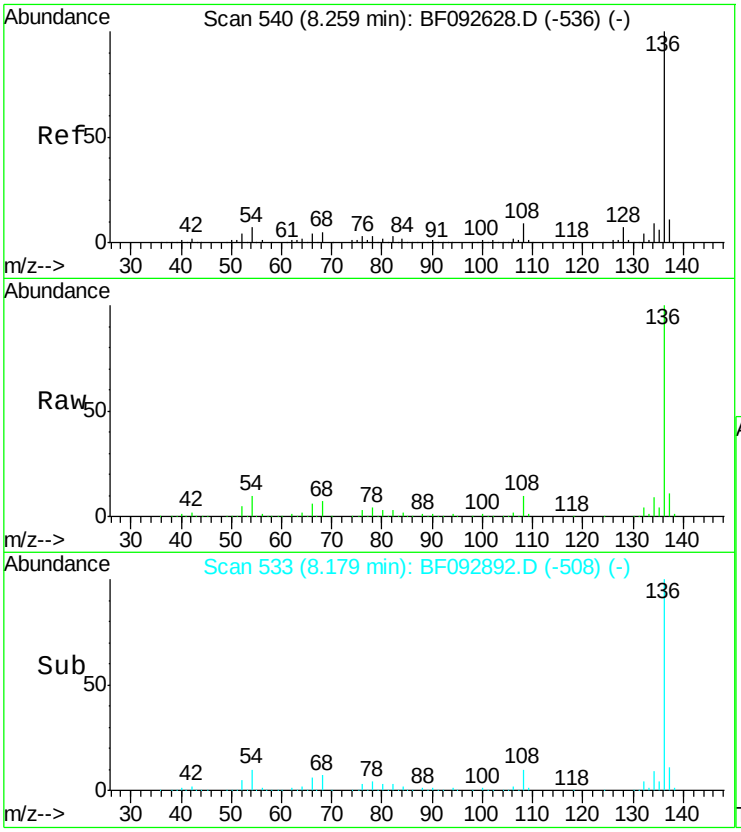


#10
Phenol
Concen: 6.48 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Tgt Ion: 94 Resp: 92168

Ion	Ratio	Lower	Upper
94	100		
65	28.2	21.4	61.4
66	42.1	44.0	84.0#



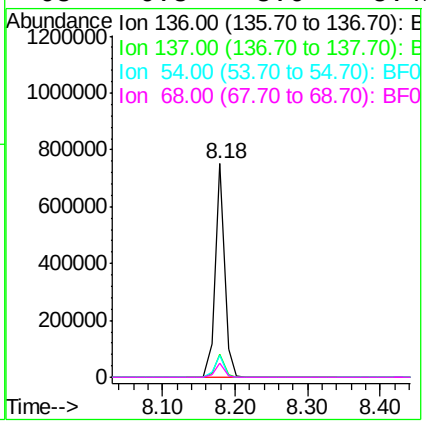


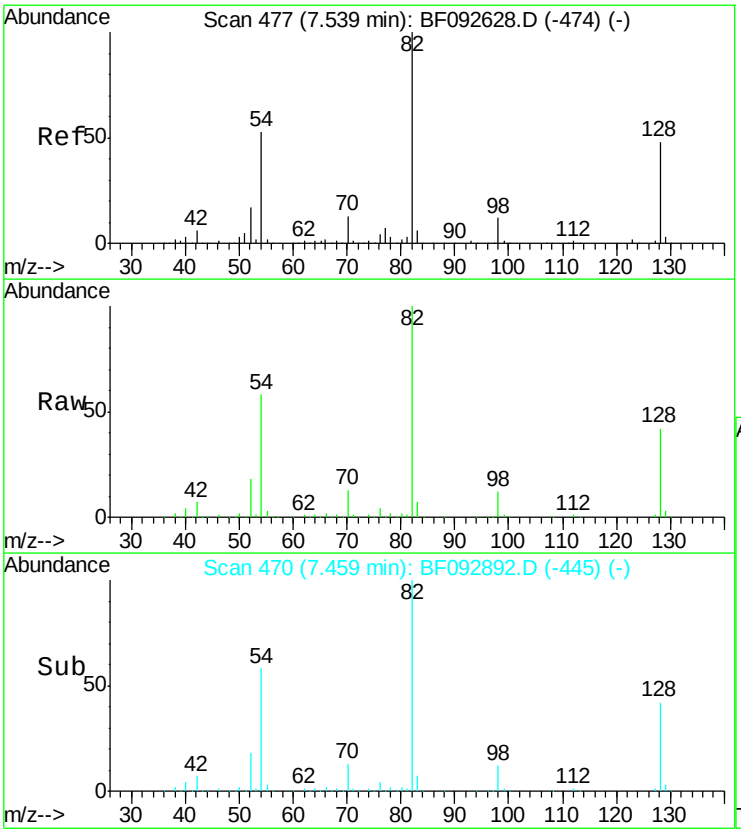
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Instrument :
BNA_F
ClientSampleId :
38-SB-02-5-7

Tgt Ion:136 Resp: 673776

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.3	4.5	6.7#
68	6.8	3.6	5.4#

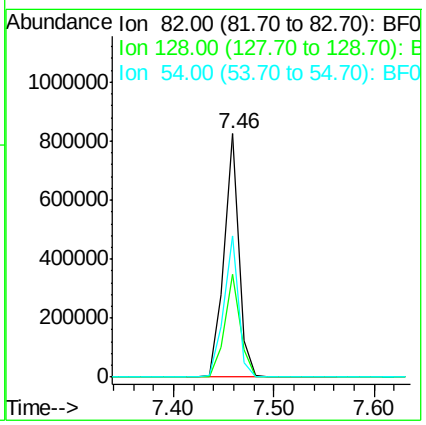


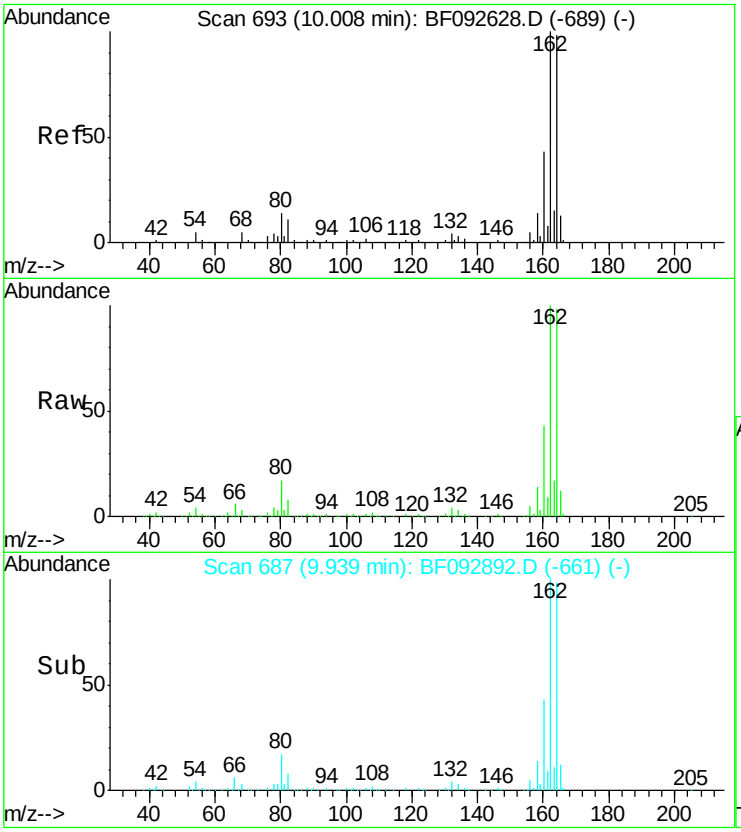


#23
Nitrobenzene-d5
Concen: 70.63 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Tgt Ion: 82 Resp: 854553

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	57.9	39.5	59.3



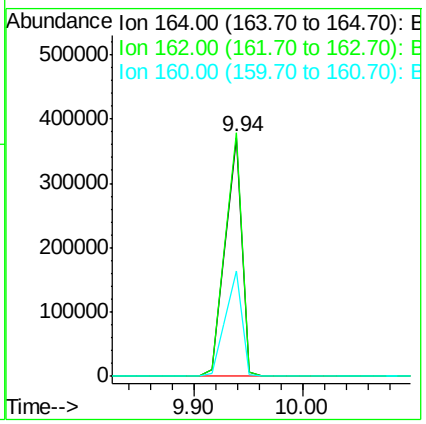


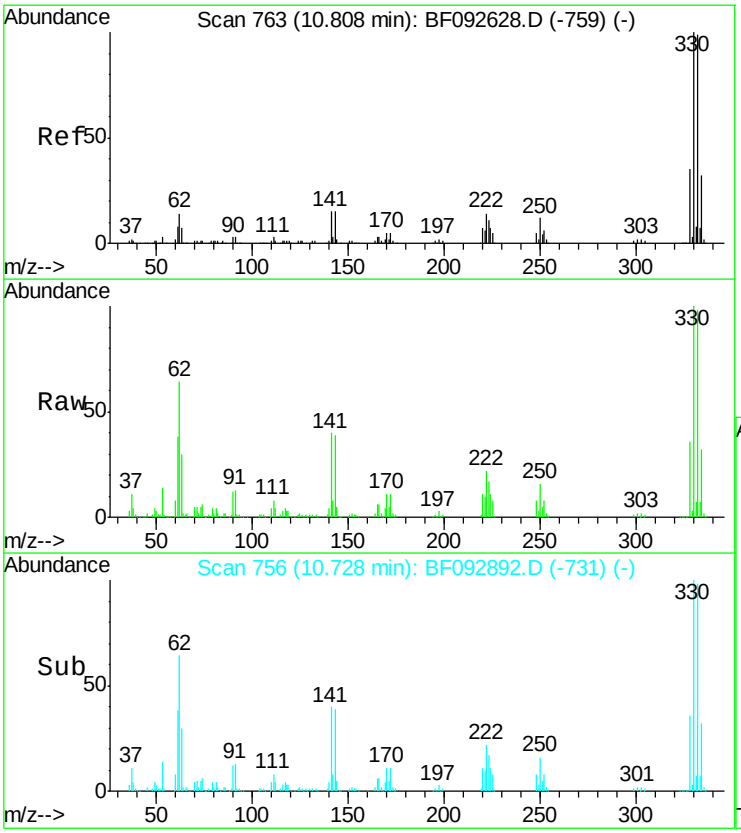
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Instrument :
BNA_F
ClientSampleId :
38-SB-02-5-7

Tgt Ion:164 Resp: 395109

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	43.8	36.9	55.3

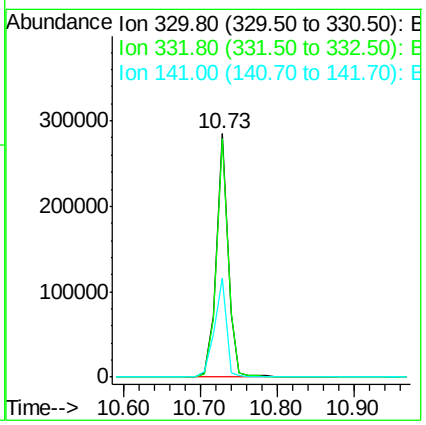


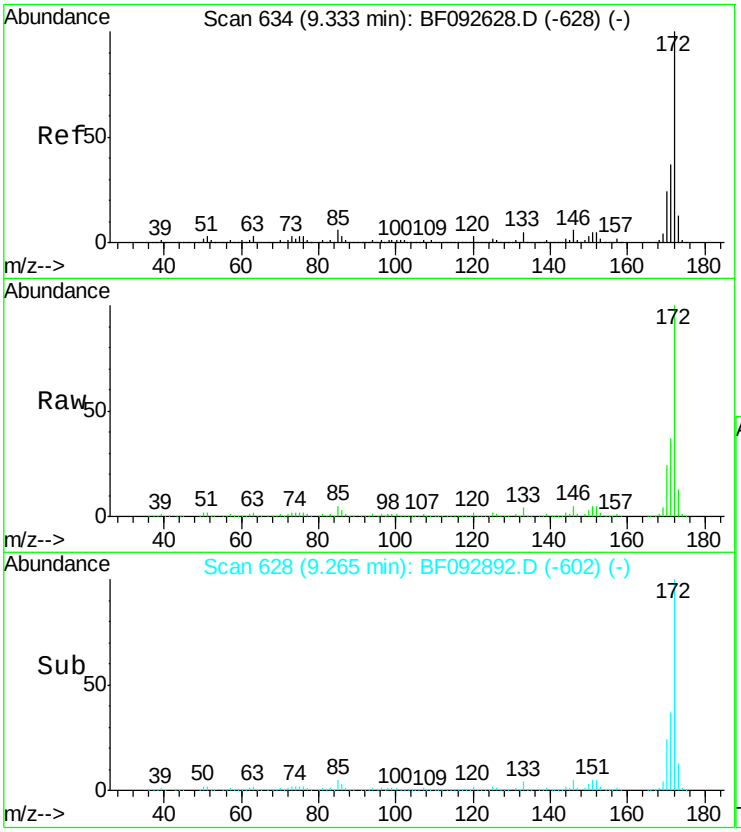


#41
2,4,6-Tribromophenol
Concen: 107.93 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Tgt Ion:330 Resp: 308420

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	40.0	34.1	51.1



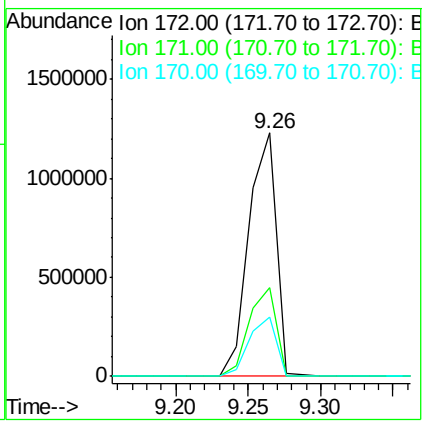


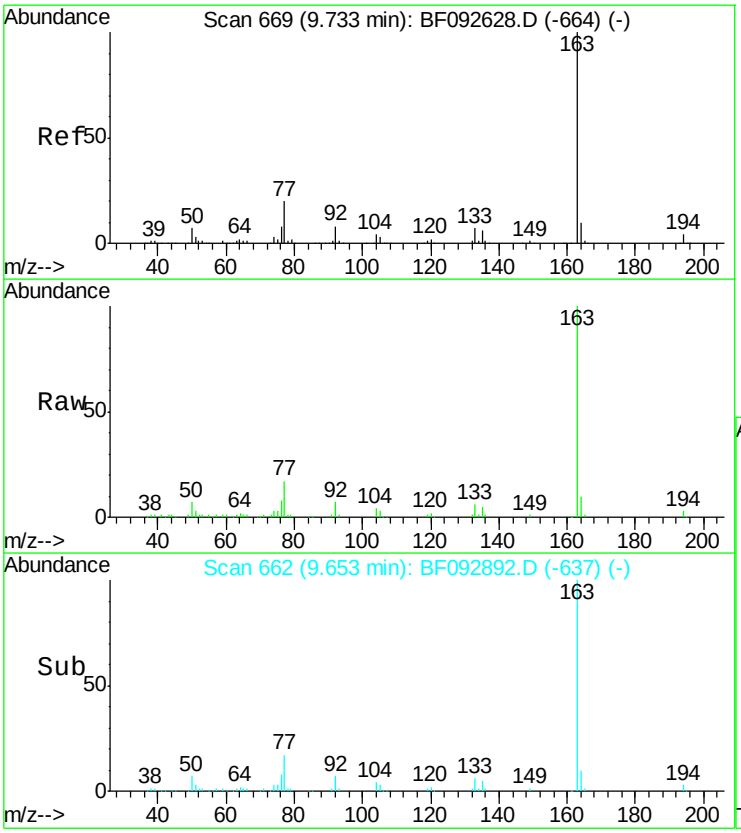
#44
2-Fluorobiphenyl
Concen: 74.05 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Instrument :
BNA_F
ClientSampleId :
38-SB-02-5-7

Tgt Ion:172 Resp: 1615038

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.5	20.2	30.4

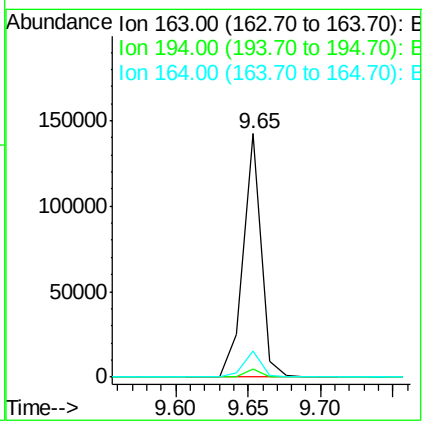


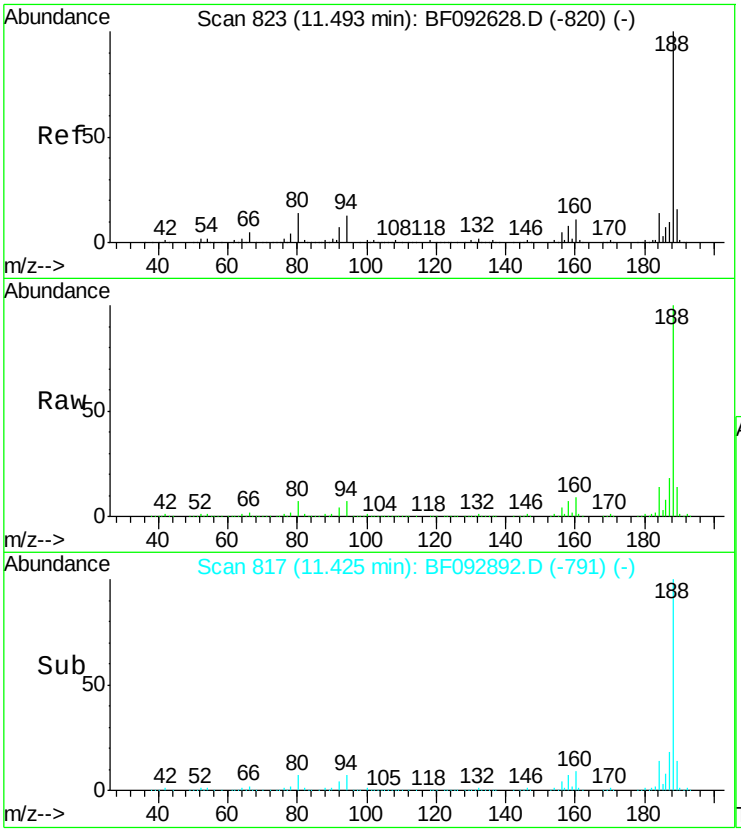


#49
Dimethylphthalate
Concen: 4.59 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Tgt Ion:163 Resp: 122027

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.5	8.0	12.0



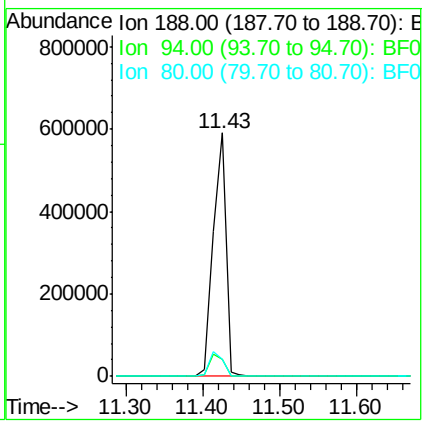


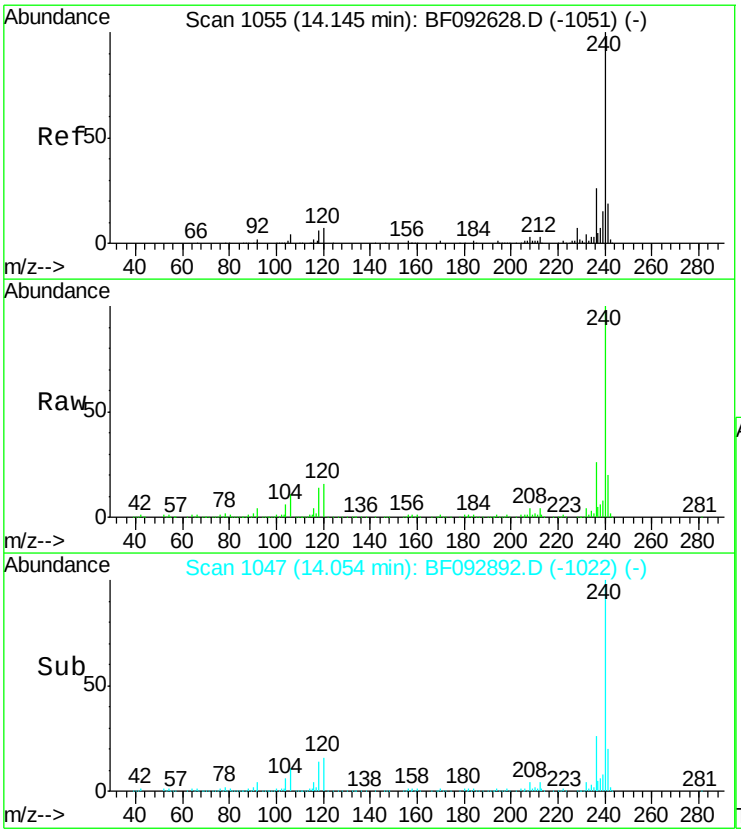
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Instrument :
BNA_F
ClientSampleId :
38-SB-02-5-7

Tgt Ion:188 Resp: 673600

Ion	Ratio	Lower	Upper
188	100		
94	7.1	10.0	15.0#
80	7.1	11.2	16.8#

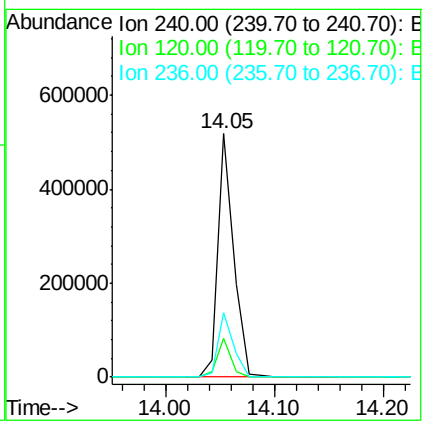


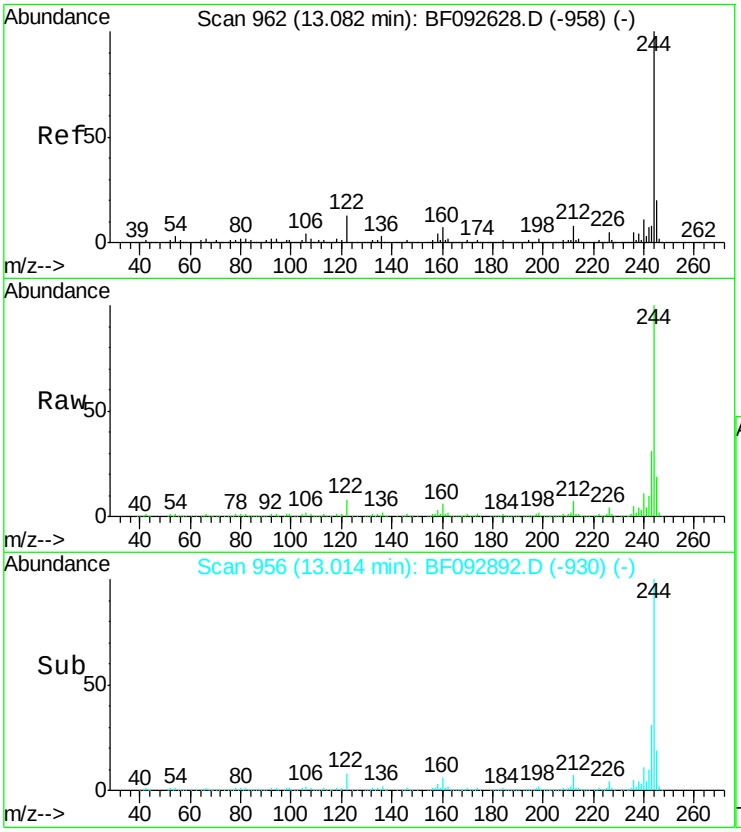


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Tgt Ion:240 Resp: 526033

Ion	Ratio	Lower	Upper
240	100		
120	15.9	12.9	19.3
236	26.3	20.9	31.3



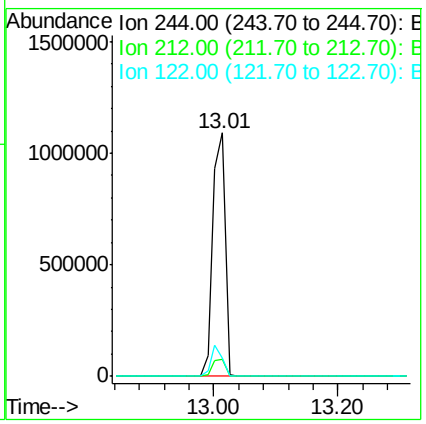


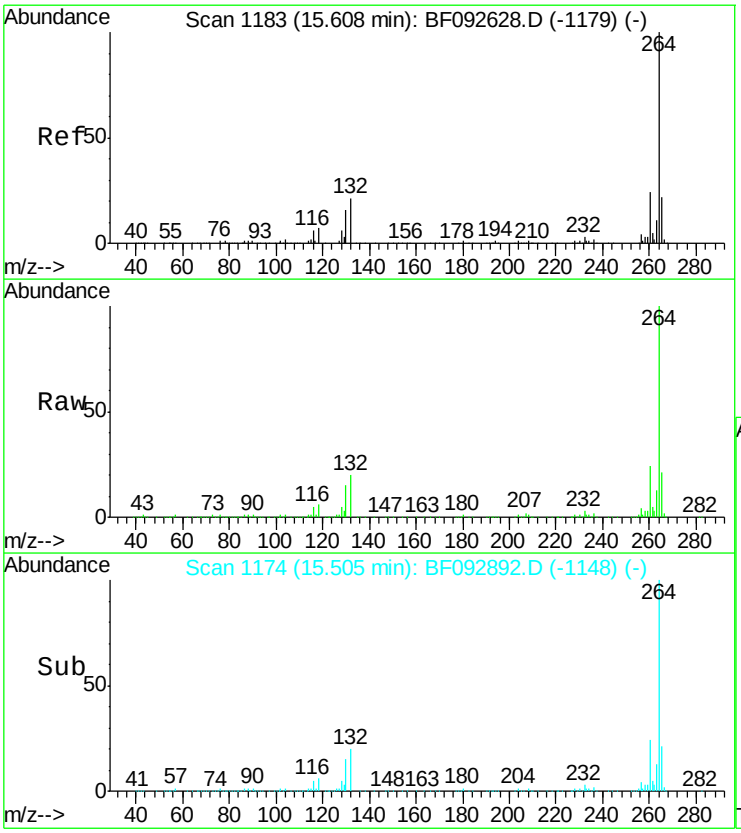
#78
Terphenyl-d14
Concen: 65.55 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Instrument :
BNA_F
ClientSampleId :
38-SB-02-5-7

Tgt Ion:244 Resp: 1467528

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	7.6	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Tgt Ion:264 Resp: 435051

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.4	26.0