Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092258.D
Acq On : 13 Jan 2017 22:53
Operator : UM/SJ
Sample : I1182-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-23-25

Quant Time: Jan 16 01:28:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	183627	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	666020	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	348368	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	594284	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	483893	20.00	ng	-0.02
86) Perylene-d12	15.07	264	389294	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1416591	128.81	ng	0.00
7) Phenol-d6	6.24	99	1805679	134.48	ng	-0.01
23) Nitrobenzene-d5	7.15	82	950668	79.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	345738	119.92	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1449685	85.31	ng	-0.01
78) Terphenyl-d14	12.67	244	1306569	65.49	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.26	94	68845	4.50	ng	# 68
19) n-Nitroso-di-n-propylamine	7.15	70	125728	14.08	ng	# 74
25) Isophorone	7.15	82	938620	42.48	ng	# 65
49) Dimethylphthalate	9.34	163	225333	10.11	ng	99
56) 2,4-Dinitrotoluene	9.60	165	45234	7.39	ng	# 19
66) 4-Bromophenyl-phenylether	10.39	248	21199	3.43	ng	# 1
71) Anthracene	11.10	178	549	Below Cal		# 59
73) Di-n-butylphthalate	11.66	149	2815	Below Cal		# 92
74) Fluoranthene	12.30	202	248	Below Cal		61

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

Quantitation Report (Not Reviewed)

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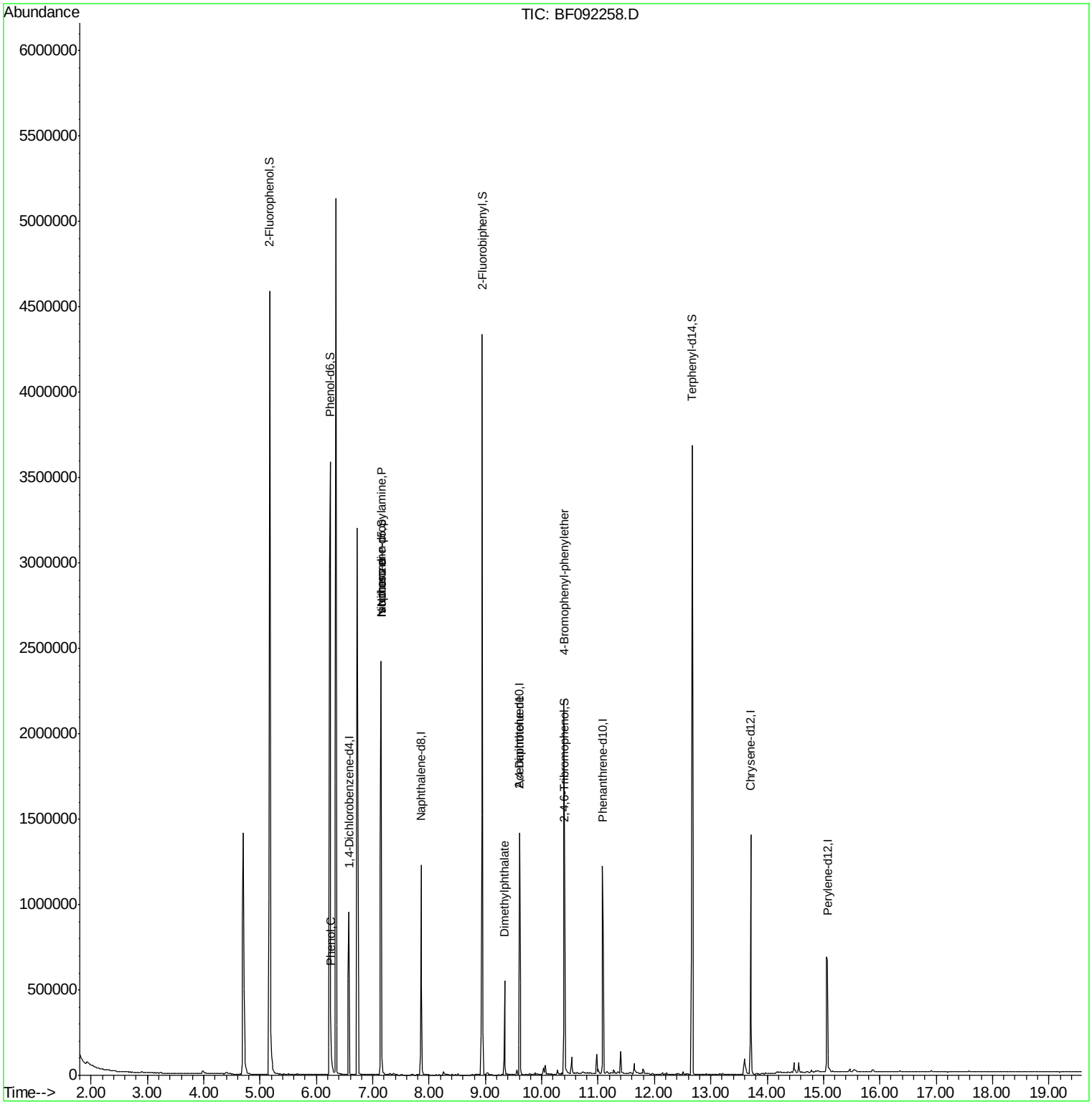
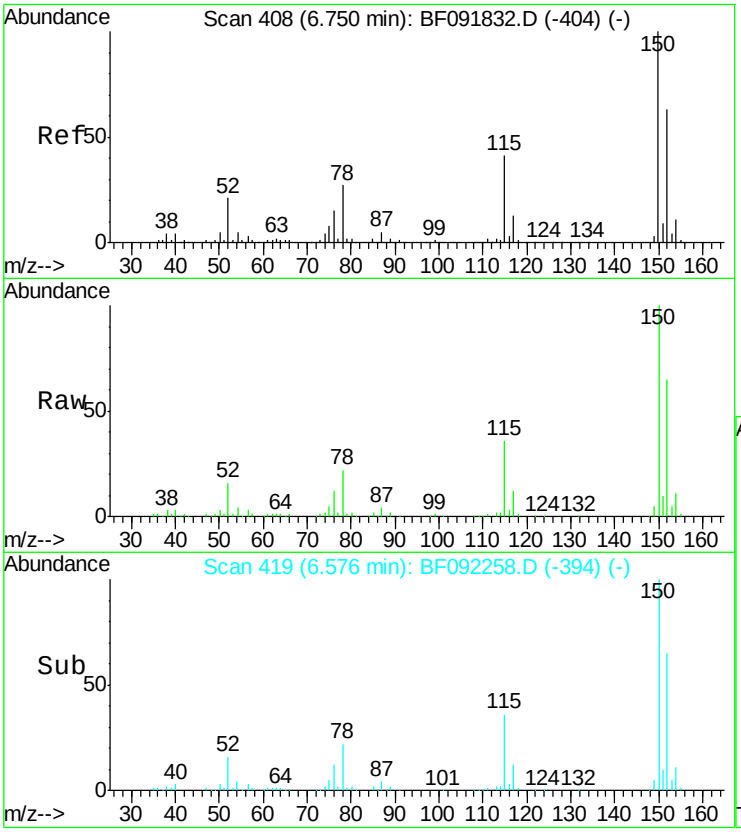


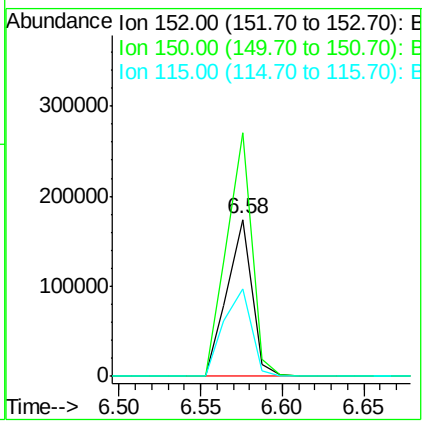


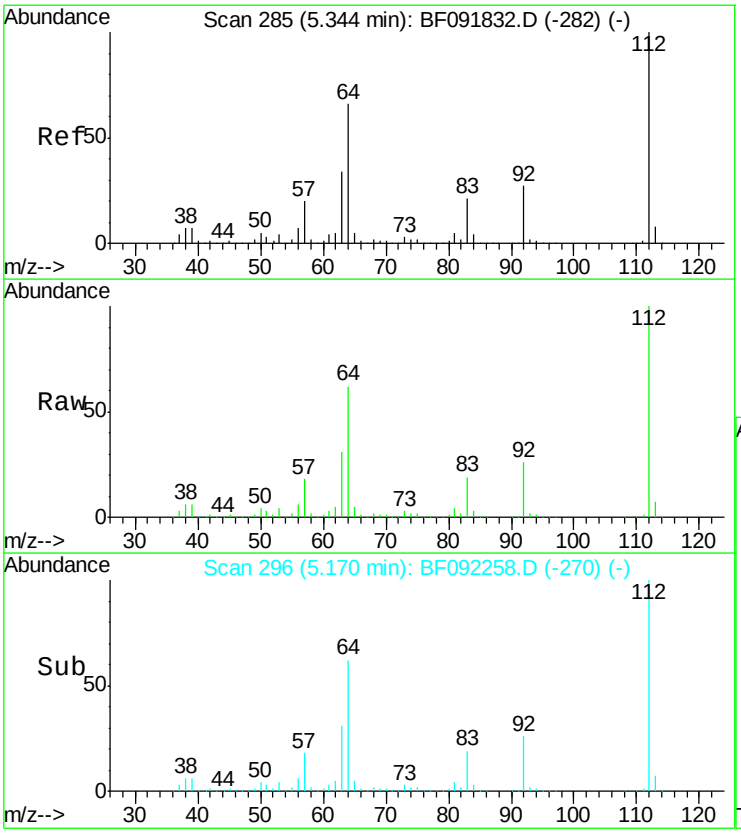
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

Tgt Ion:152 Resp: 183627

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.9	187.3
115	55.3	46.0	69.0

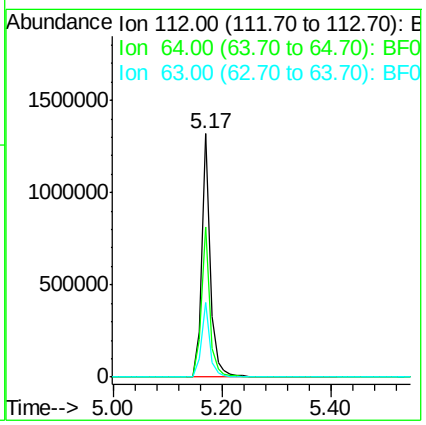


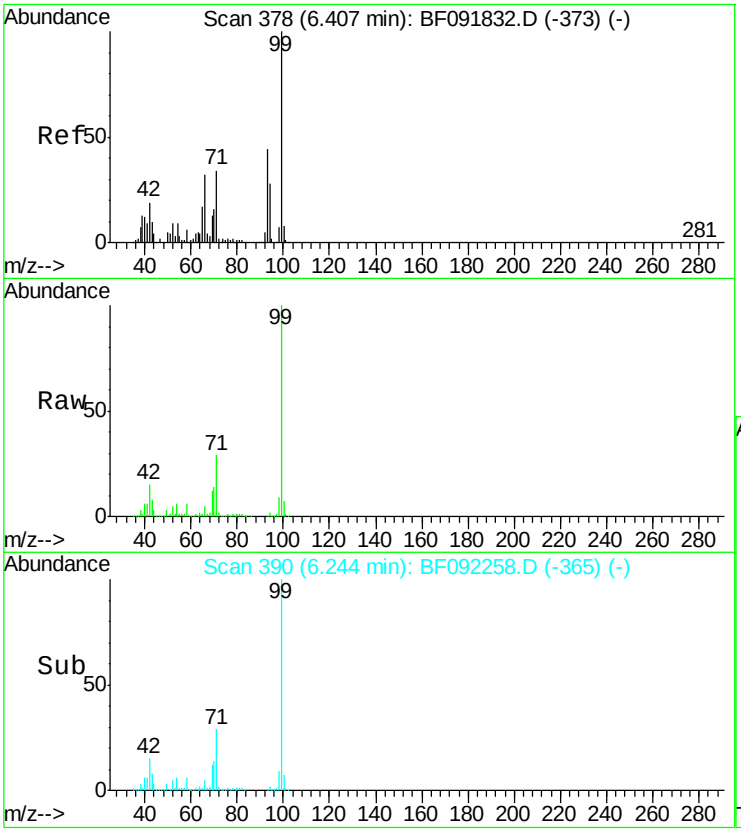


#5
2-Fluorophenol
Concen: 128.81 ng
RT: 5.17 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion:112 Resp: 1416591

Ion	Ratio	Lower	Upper
112	100		
64	61.9	46.1	69.1
63	30.9	23.8	35.6



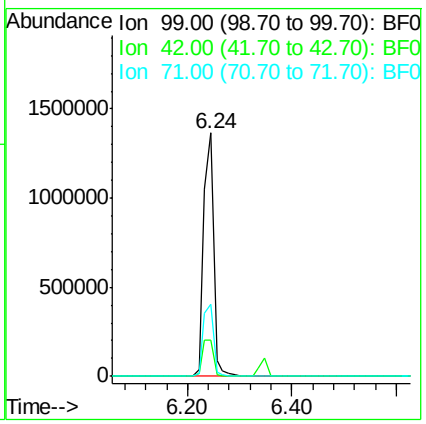


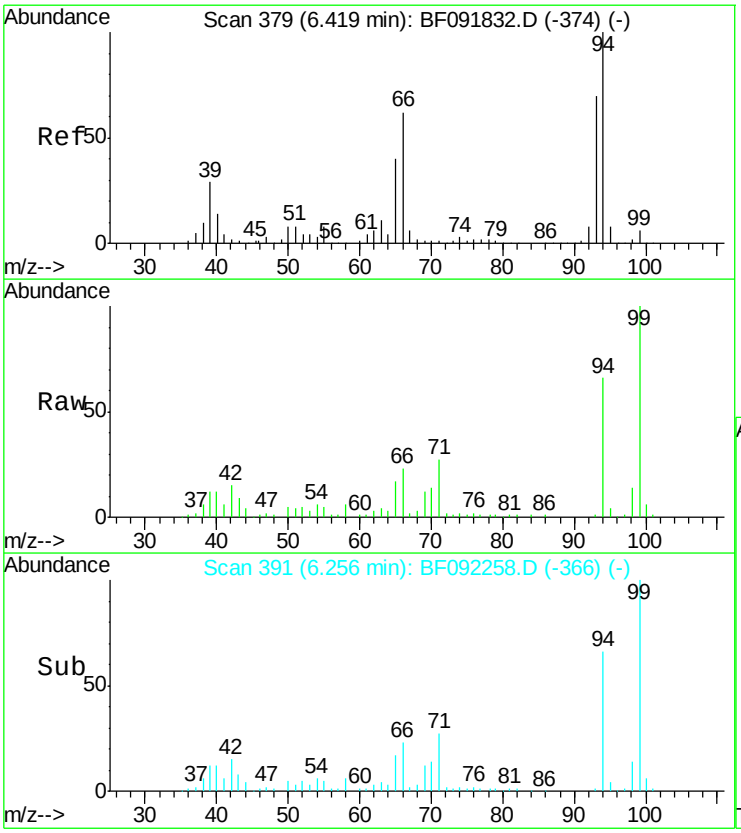
#7
Phenol-d6
Concen: 134.48 ng
RT: 6.24 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

Tgt Ion: 99 Resp: 1805679

Ion	Ratio	Lower	Upper
99	100		
42	15.0	15.6	23.4#
71	29.4	27.5	41.3

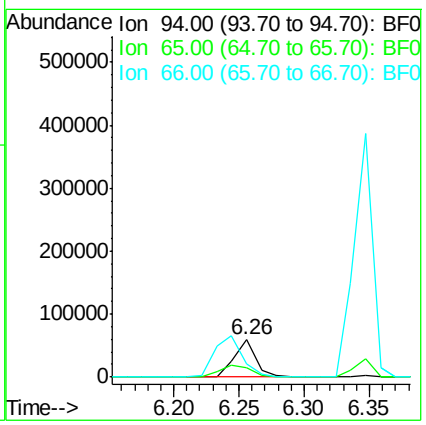


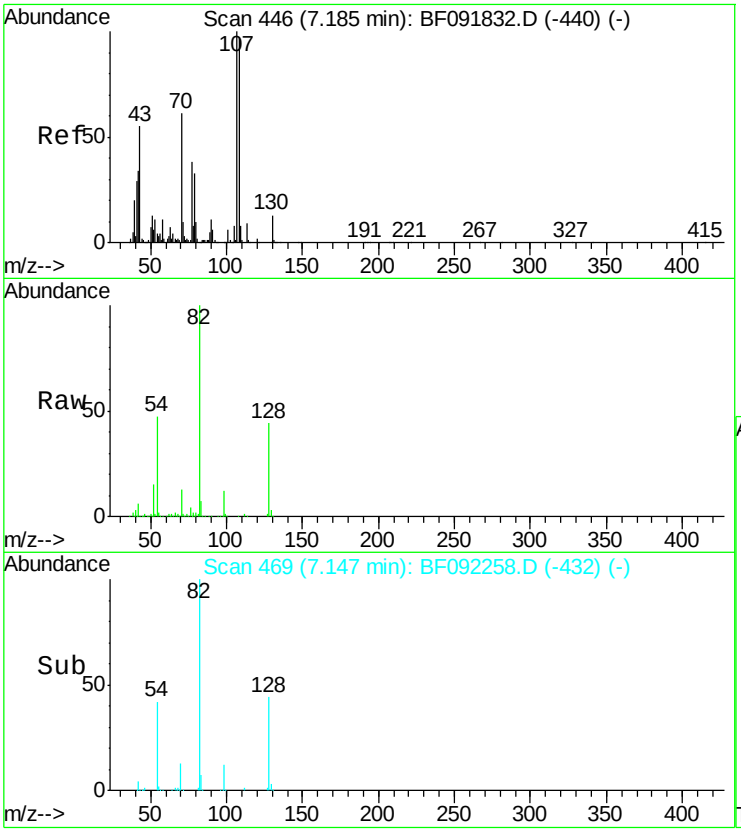


#10
Phenol
Concen: 4.50 ng
RT: 6.26 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion: 94 Resp: 68845

Ion	Ratio	Lower	Upper
94	100		
65	25.1	21.4	61.4
66	35.3	44.0	84.0#



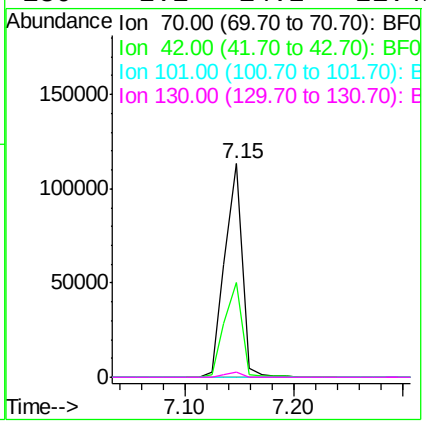


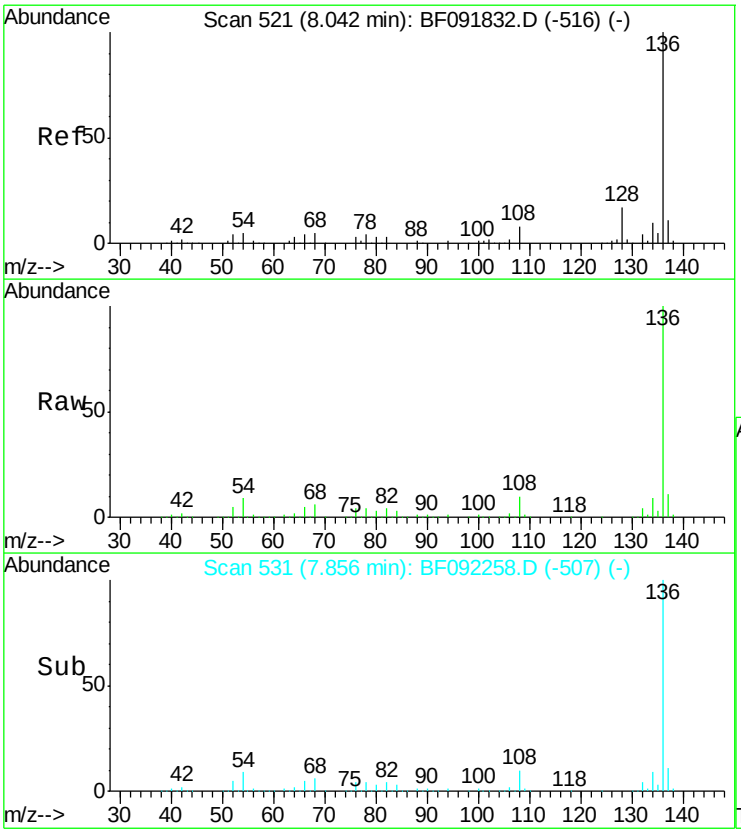
#19
n-Nitroso-di-n-propylamine
Concen: 14.08 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

Tgt Ion: 70 Resp: 125728

Ion	Ratio	Lower	Upper
70	100		
42	44.3	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

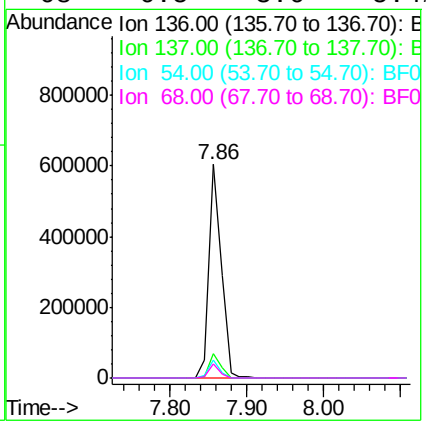


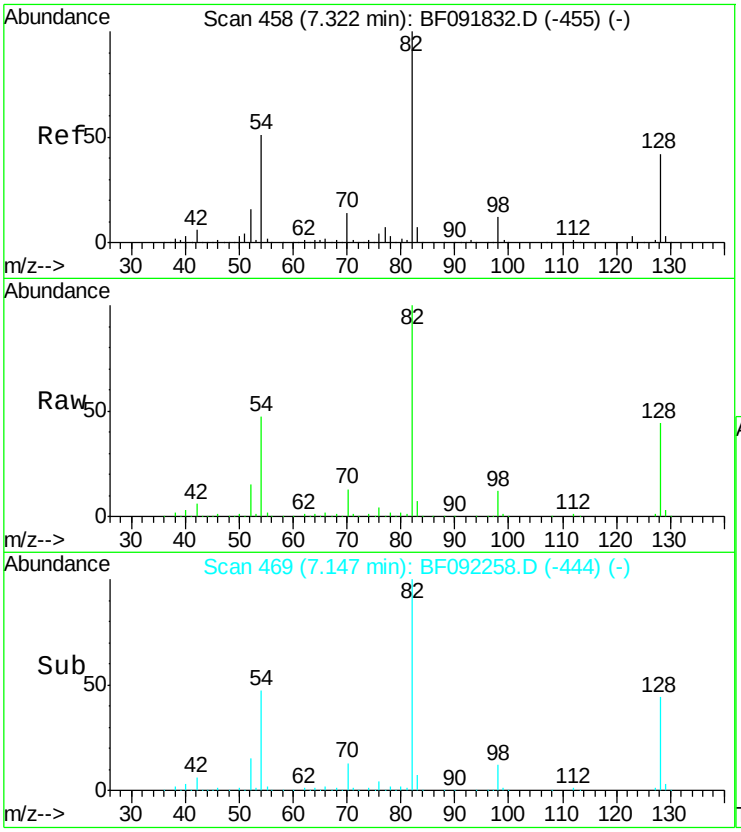


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion:136 Resp: 666020

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	8.6	4.5	6.7#
68	6.5	3.6	5.4#



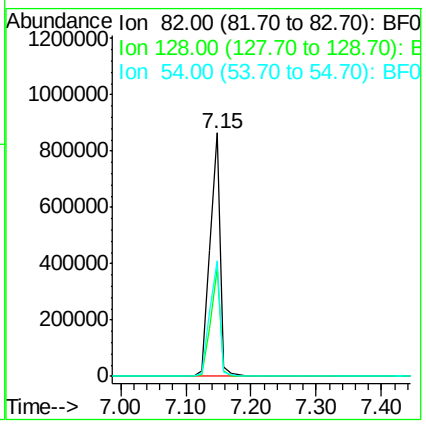


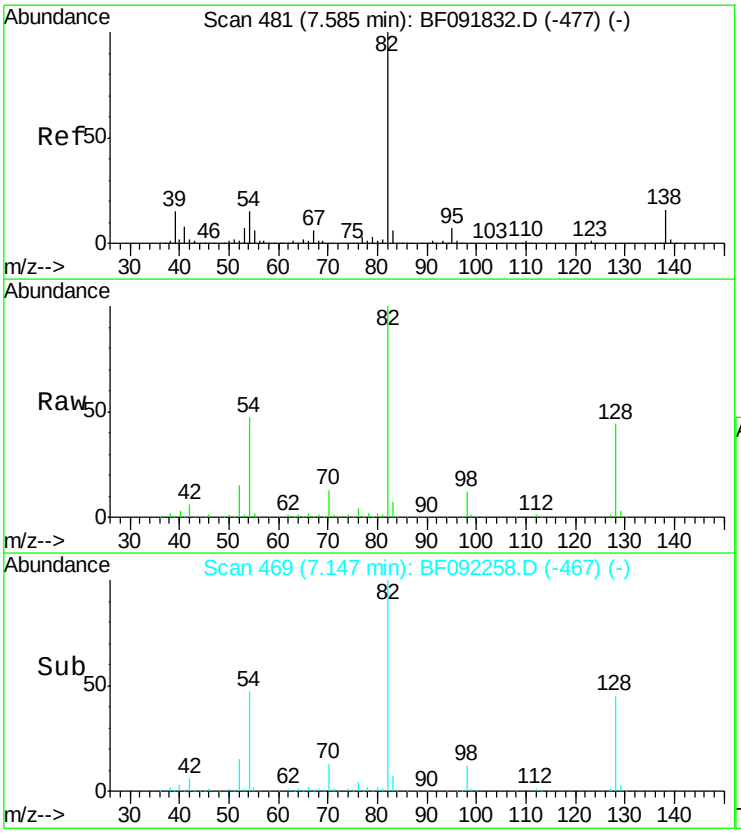
#23
Nitrobenzene-d5
Concen: 79.37 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

Tgt Ion: 82 Resp: 950668

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	47.4	39.5	59.3

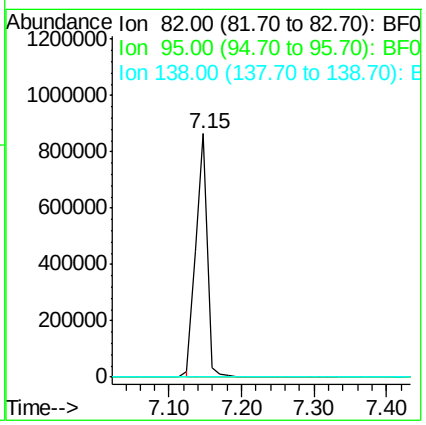


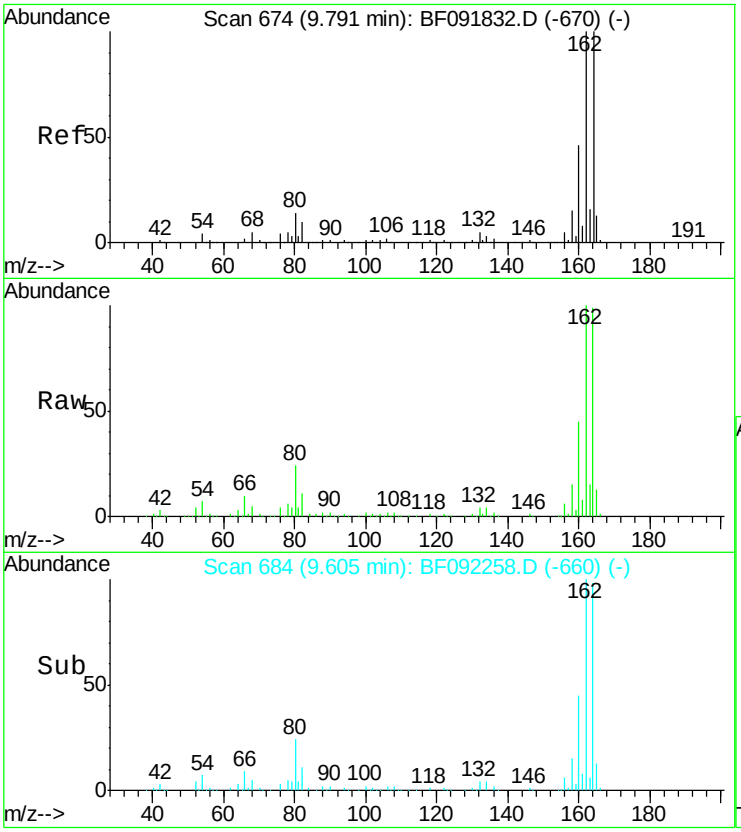


#25
Isophorone
Concen: 42.48 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.27 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion: 82 Resp: 938620

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



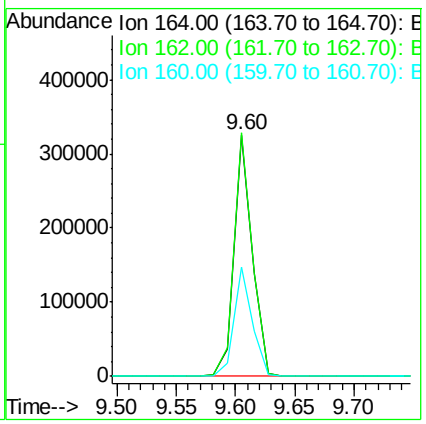


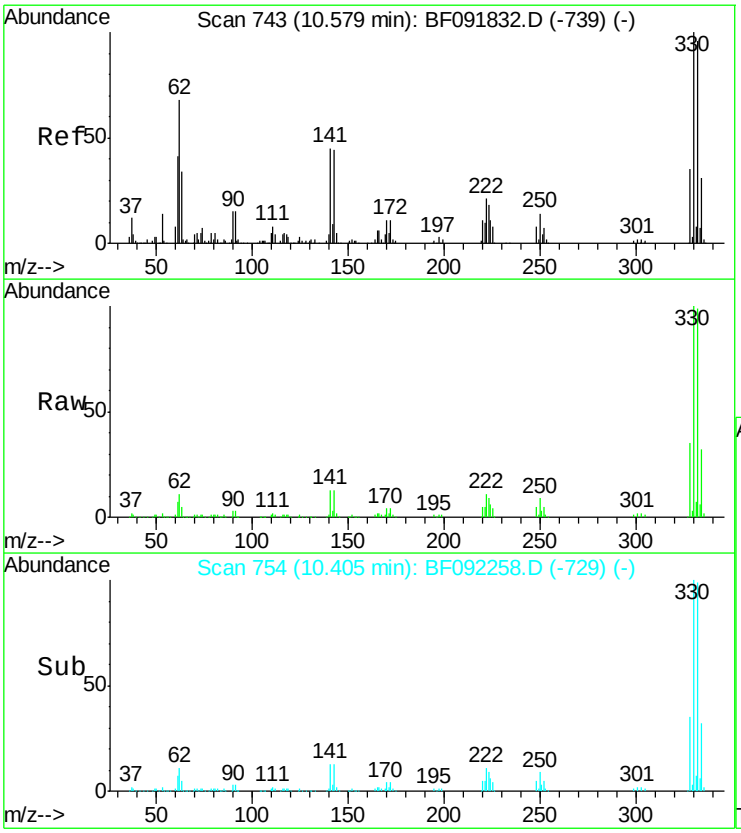
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

Tgt Ion:164 Resp: 348368

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	45.5	36.9	55.3

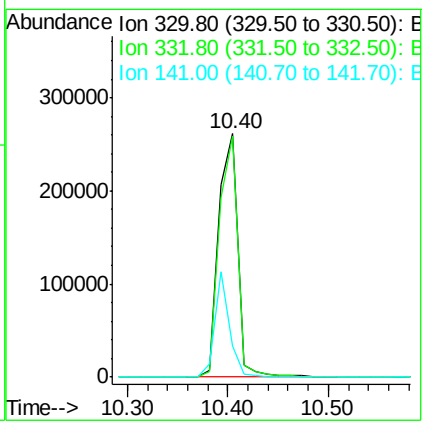


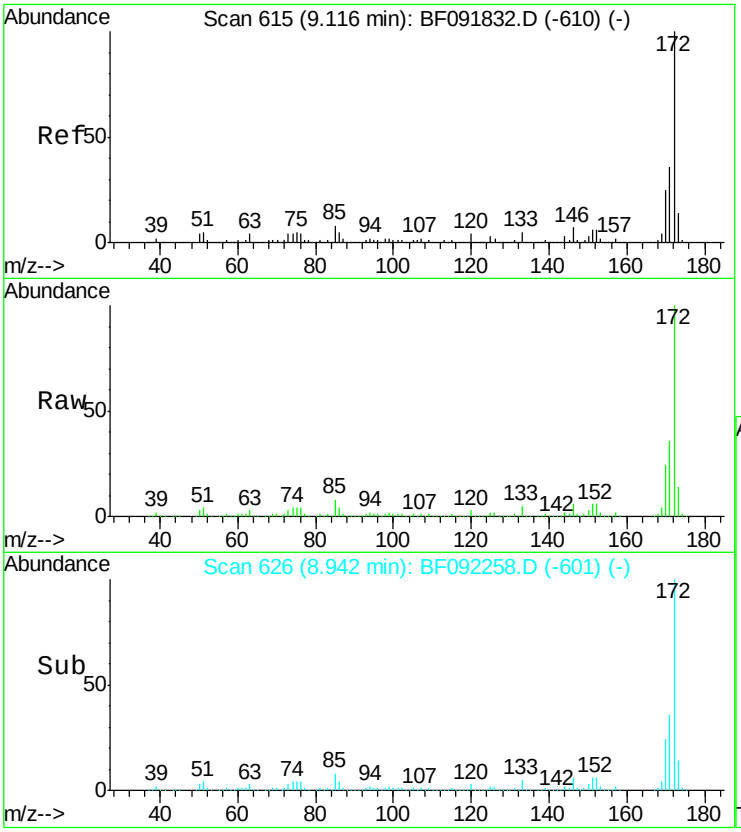


#41
2,4,6-Tribromophenol
Concen: 119.92 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion:330 Resp: 345738

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	33.5	34.1	51.1#



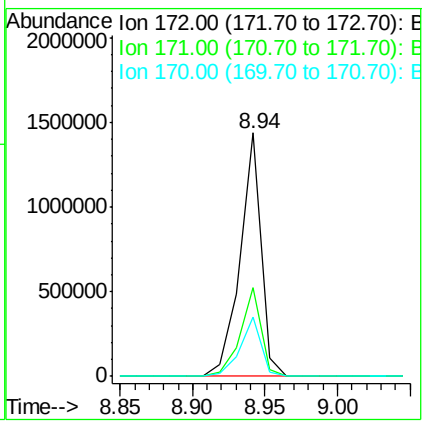


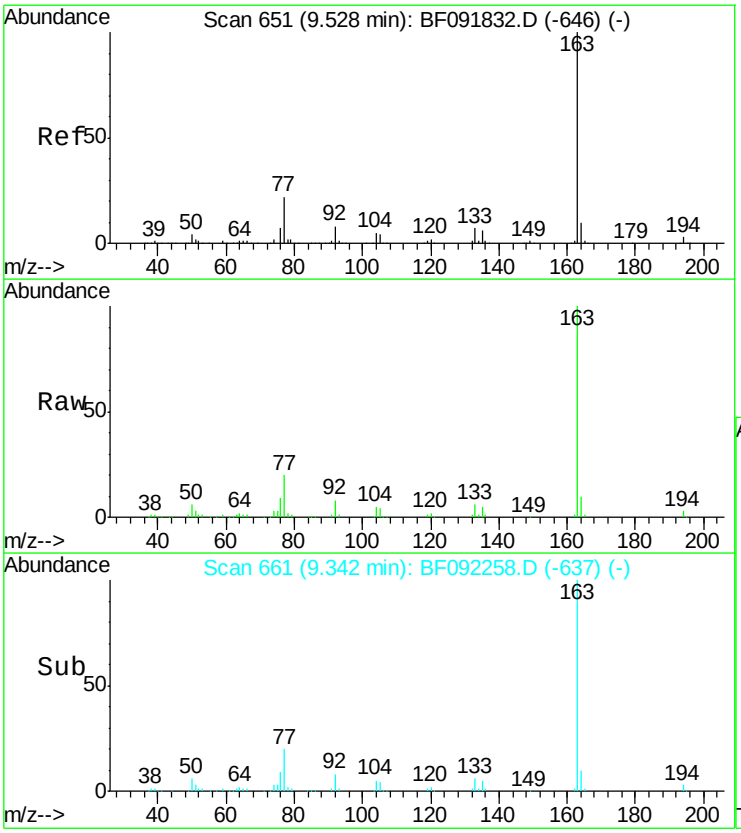
#44
2-Fluorobiphenyl
Concen: 85.31 ng
RT: 8.94 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

Tgt Ion:172 Resp: 1449685

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.5	20.2	30.4

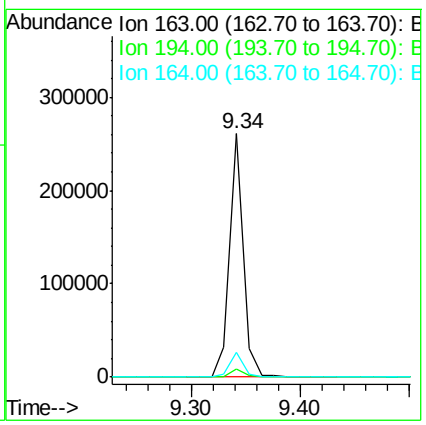


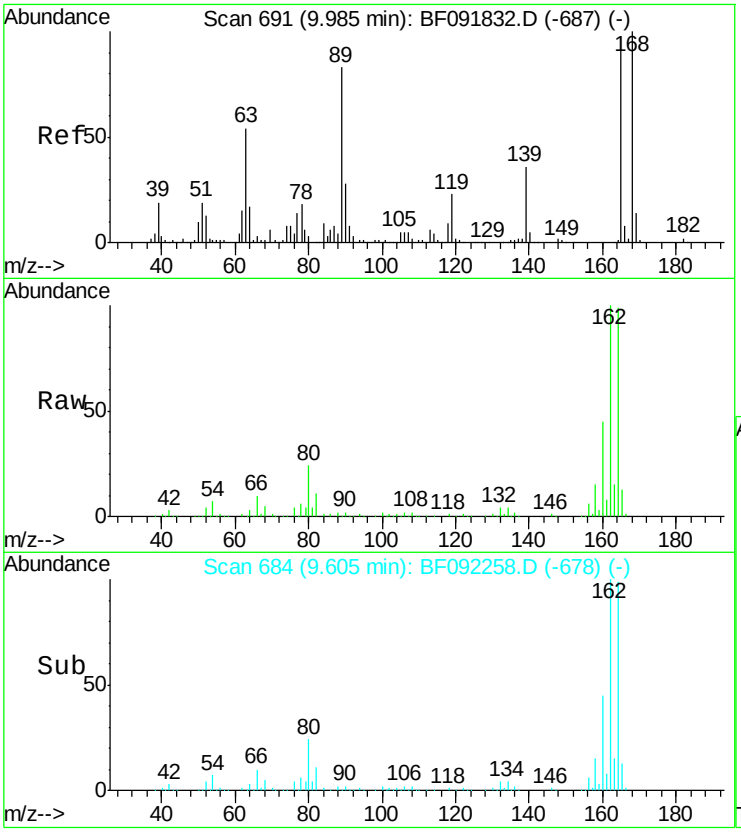


#49
Dimethylphthalate
Concen: 10.11 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion:163 Resp: 225333

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.3	8.0	12.0



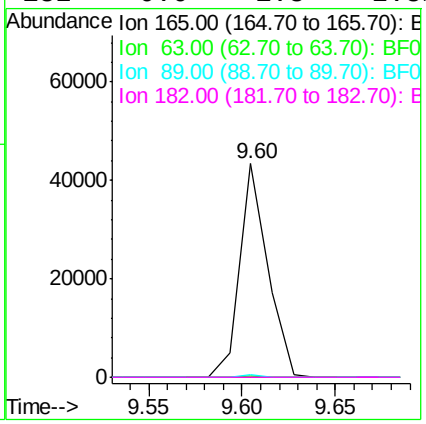


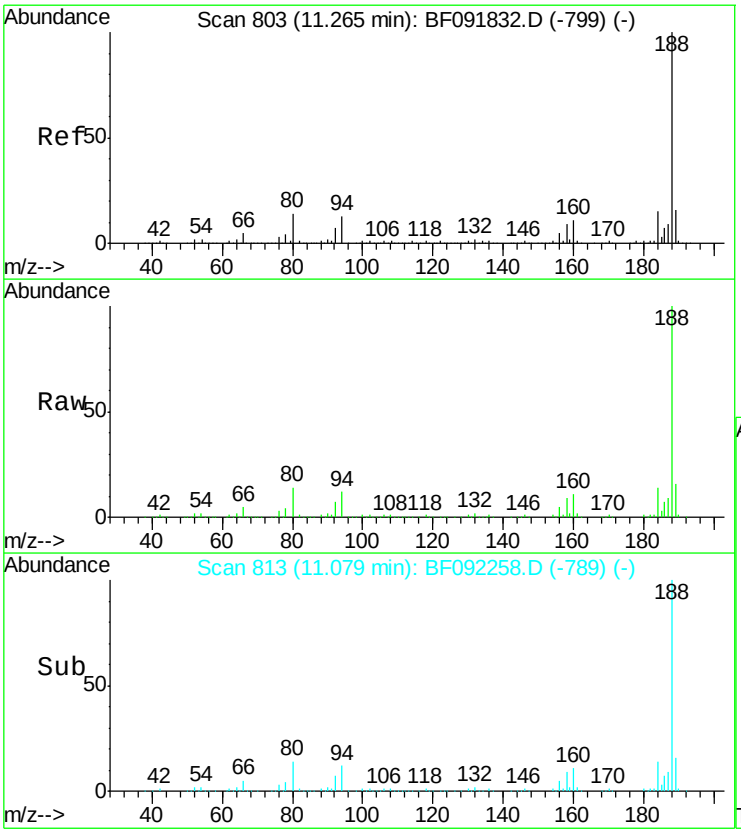
#56
2,4-Dinitrotoluene
Concen: 7.39 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

Tgt Ion:165 Resp: 45234

Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#

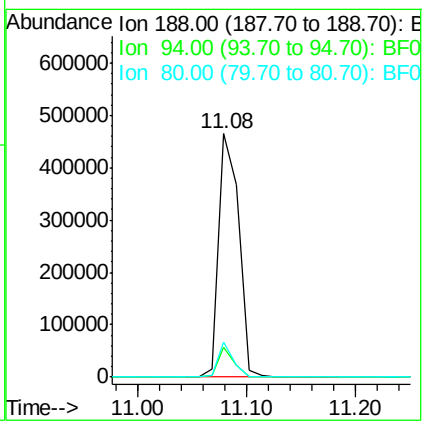


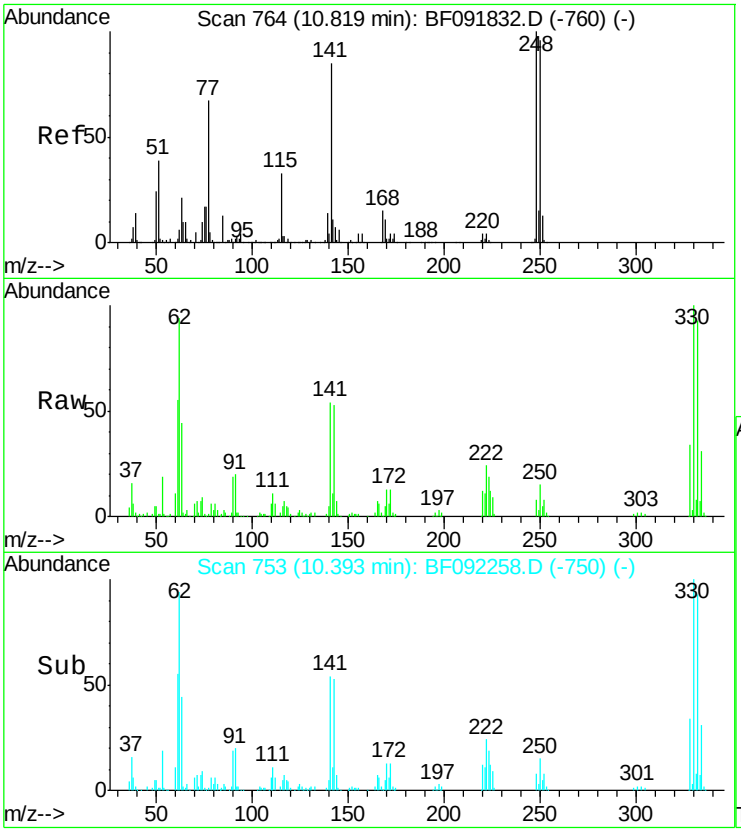


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion:188 Resp: 594284

Ion	Ratio	Lower	Upper
188	100		
94	12.4	10.0	15.0
80	14.3	11.2	16.8



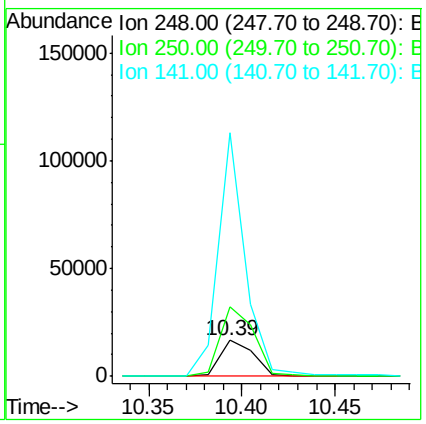


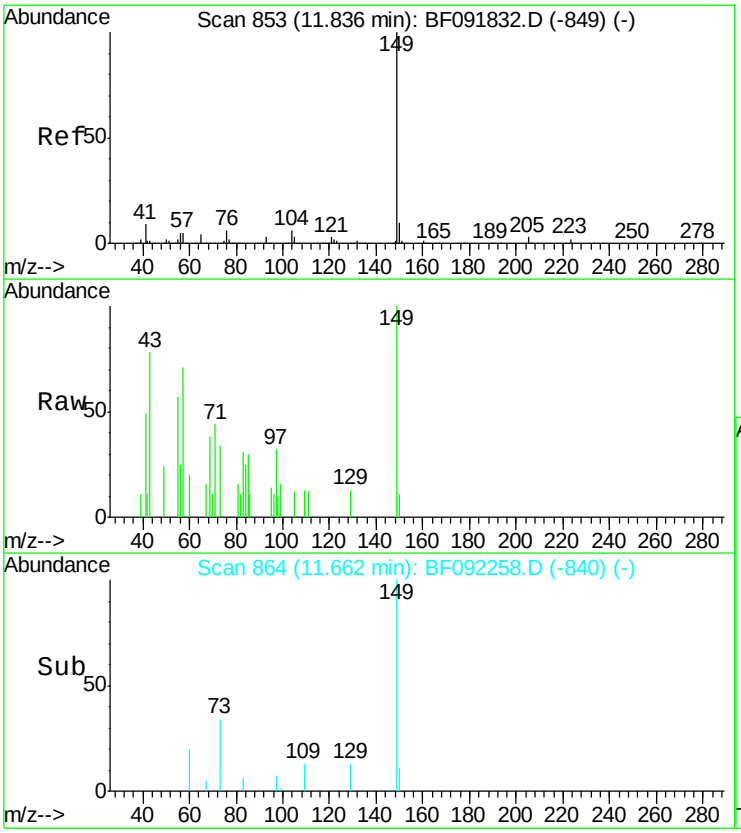
#66
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 10.39 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

Tgt Ion:248 Resp: 21199

Ion	Ratio	Lower	Upper
248	100		
250	193.1	76.9	115.3#
141	681.5	68.2	102.4#

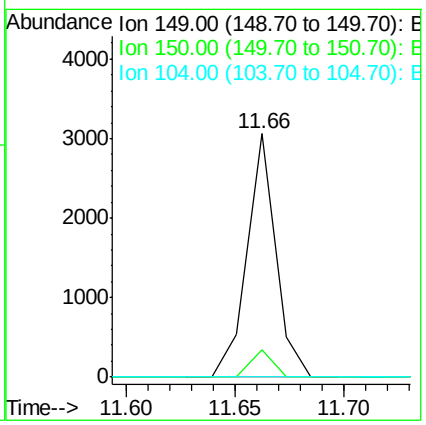


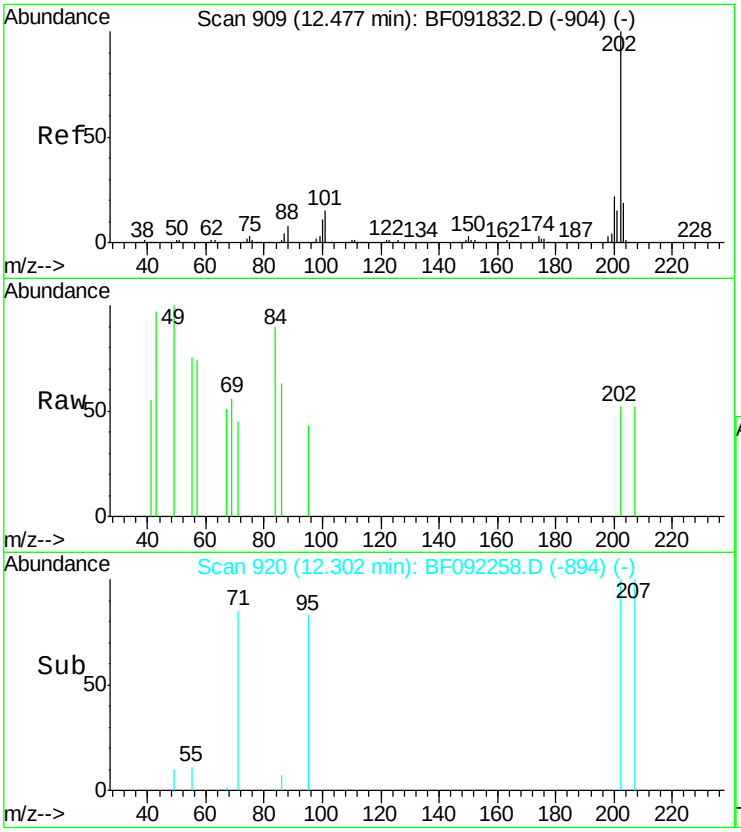


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.66 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion:149 Resp: 2815

Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.1	12.1
104	0.0	4.6	7.0#



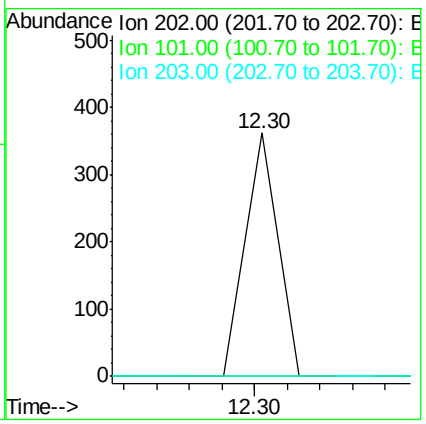


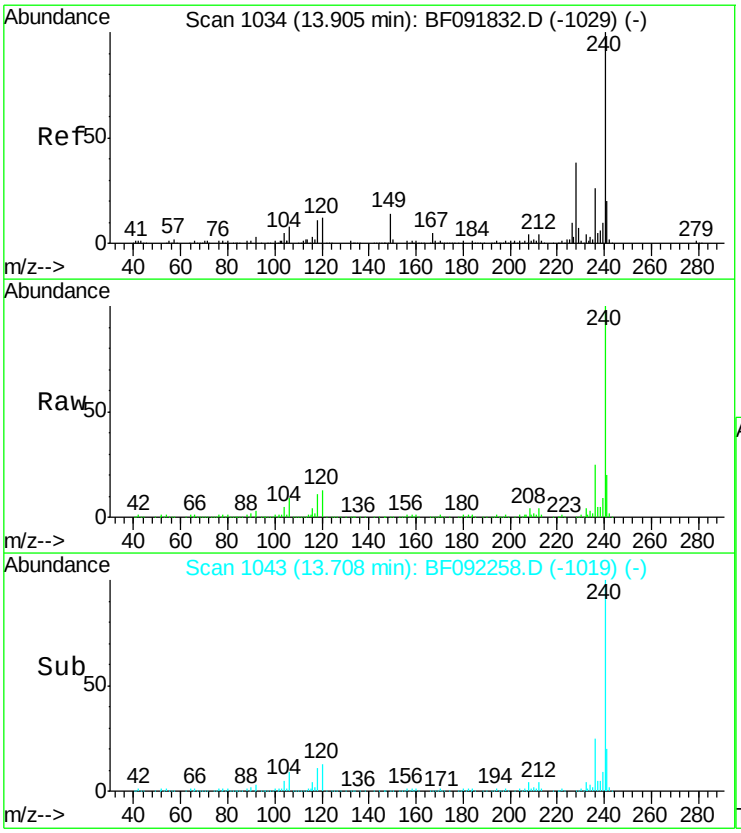
#74
Fluoranthene
Concen: Below Cal
RT: 12.30 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

Tgt Ion:202 Resp: 248

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.7

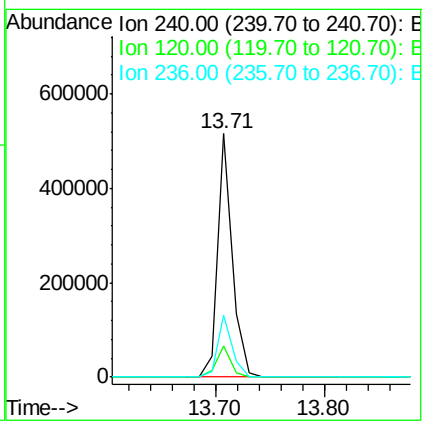


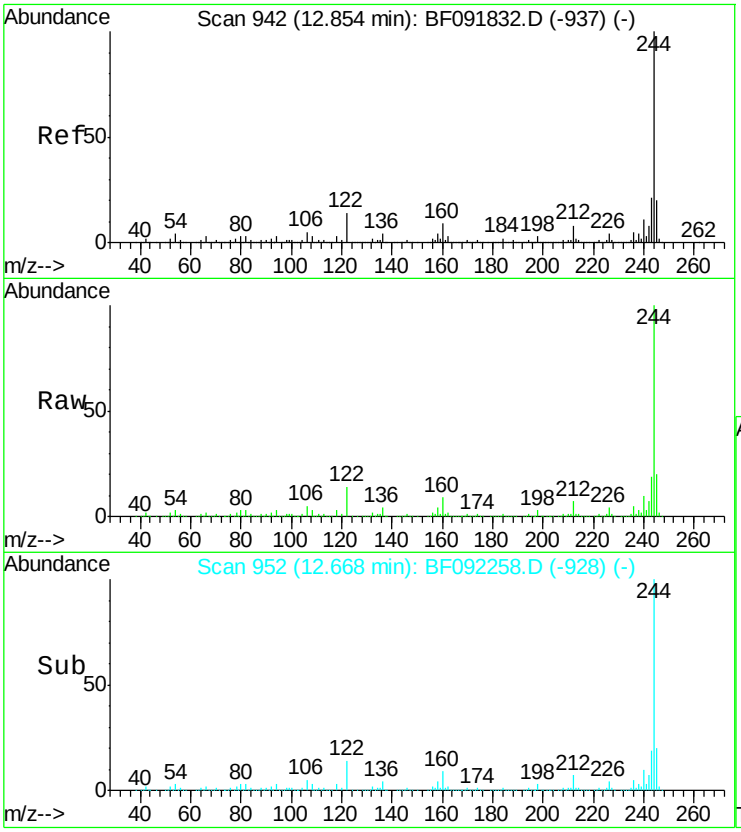


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion:240 Resp: 483893

Ion	Ratio	Lower	Upper
240	100		
120	12.5	12.9	19.3#
236	25.2	20.9	31.3



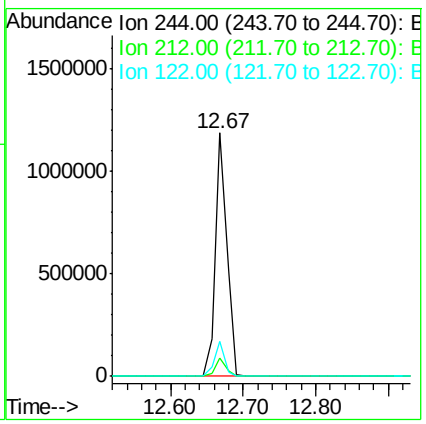


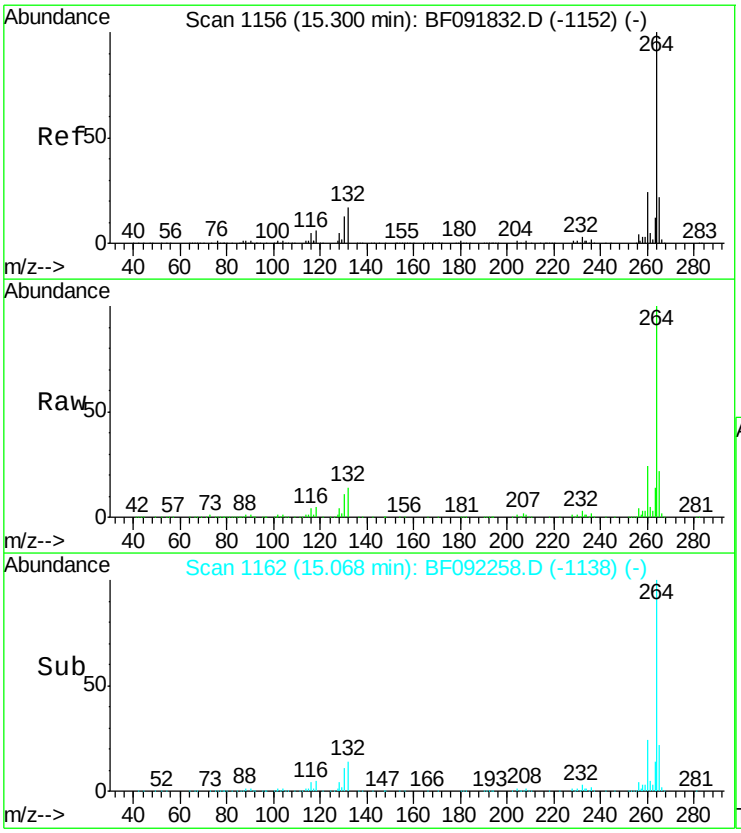
#78
Terphenyl-d14
Concen: 65.49 ng
RT: 12.67 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

Tgt Ion:244 Resp: 1306569

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	14.1	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion:264 Resp: 389294

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.4	26.0