Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092188.D
Acq On : 10 Jan 2017 18:04
Operator : UM/SJ
Sample : PB95858BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95858BL

Quant Time: Jan 10 23:32:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	146676	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	622257	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	321226	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	556318	20.00	ng	0.00
75) Chrysene-d12	13.80	240	513678	20.00	ng	0.01
86) Perylene-d12	15.18	264	413779	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1325438	150.89	ng	0.01
7) Phenol-d6	6.31	99	1553095	144.81	ng	0.00
23) Nitrobenzene-d5	7.20	82	894326	79.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	355930	133.89	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1743028	115.86	ng	0.00
78) Terphenyl-d14	12.76	244	1768473	83.50	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.20	70	119146	16.70	ng	# 77
25) Isophorone	7.20	82	722885	35.01	ng	# 65
50) 2,6-Dinitrotoluene	9.67	165	41592	9.25	ng	# 30
56) 2,4-Dinitrotoluene	9.67	165	41595	7.37	ng	# 19
66) 4-Bromophenyl-phenylether	10.47	248	21871	3.78	ng	# 1
71) Anthracene	11.17	178	1197	Below Cal		# 26
73) Di-n-butylphthalate	11.72	149	14350	Below Cal		98
74) Fluoranthene	12.36	202	1430	Below Cal		# 45
76) Benzidine	12.49	184	1855	Below Cal		# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092188.D
Acq On : 10 Jan 2017 18:04
Operator : UM/SJ
Sample : PB95858BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
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PB95858BL

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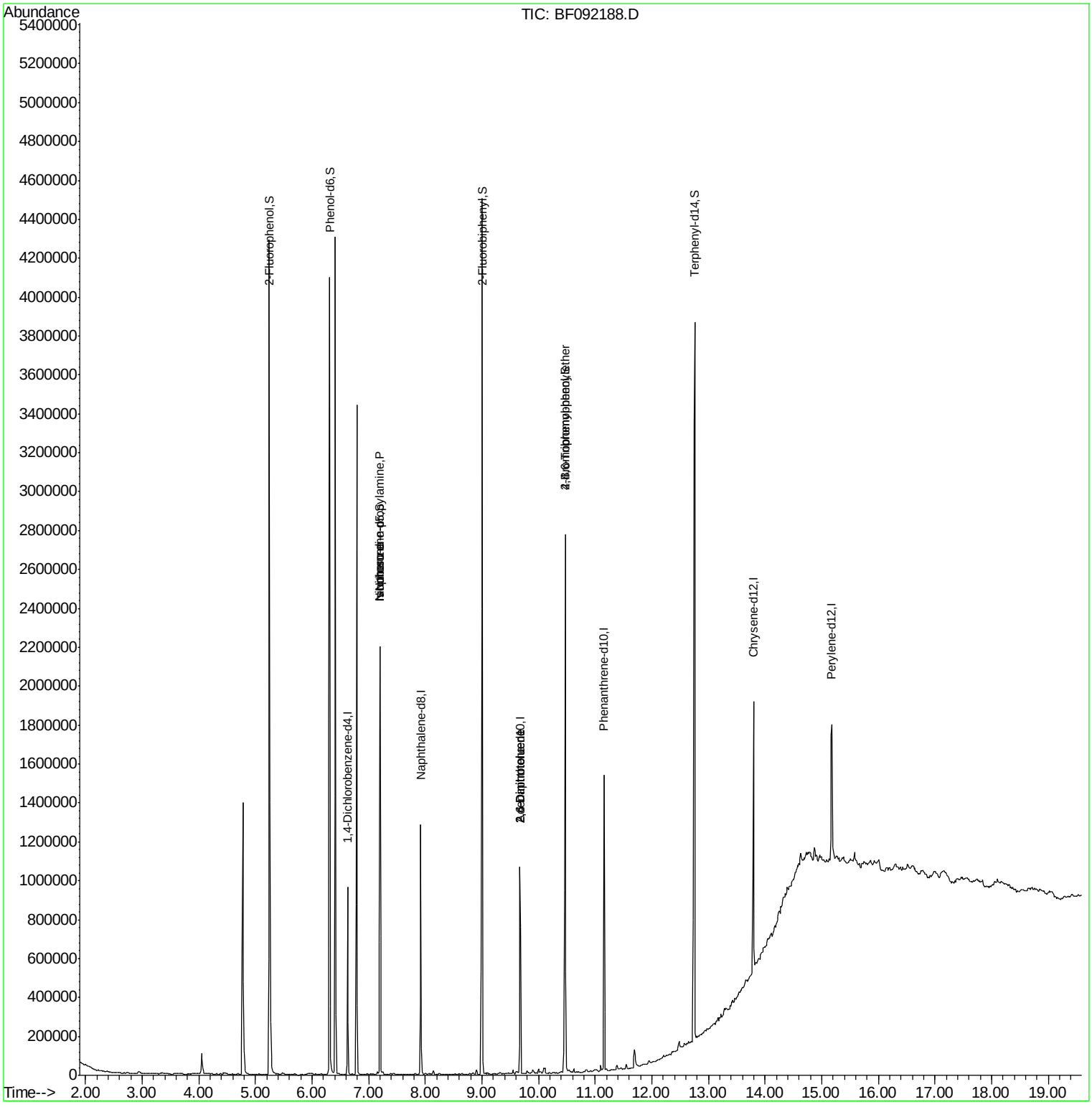
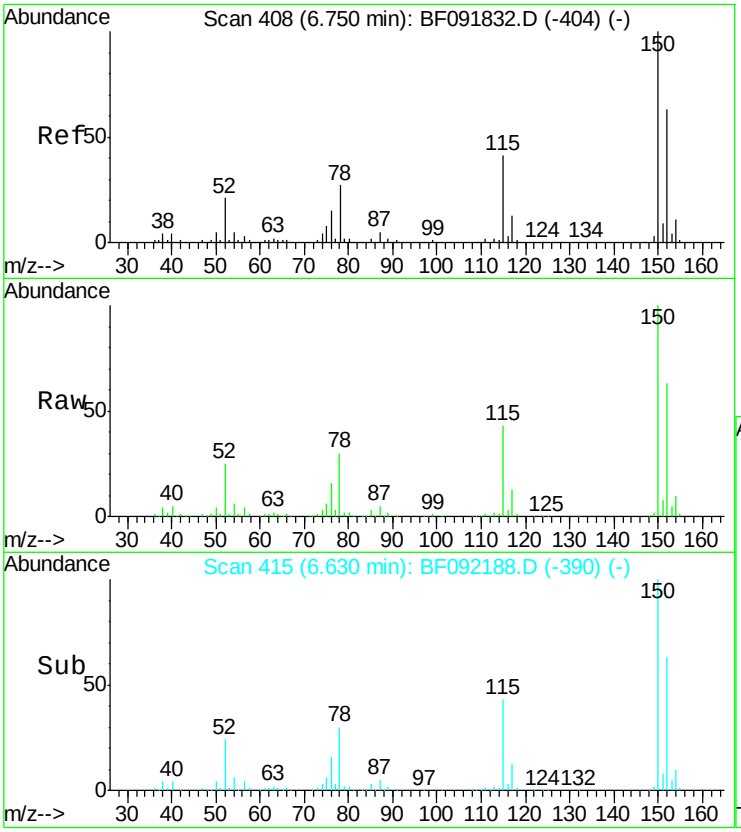


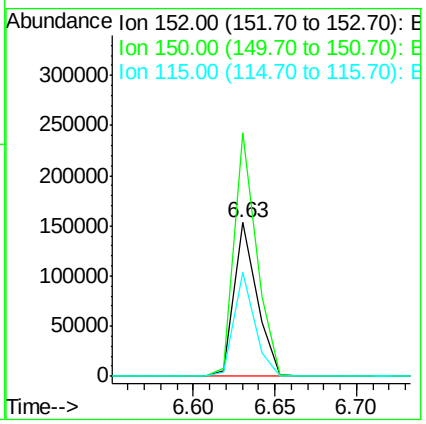


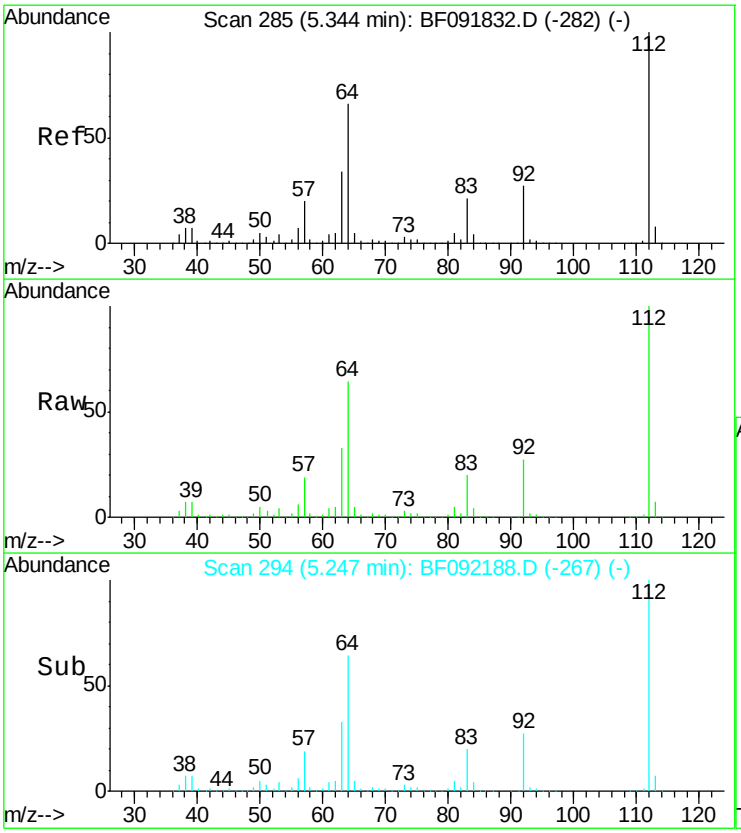
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tgt Ion:152 Resp: 146676

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.9	187.3
115	67.4	46.0	69.0

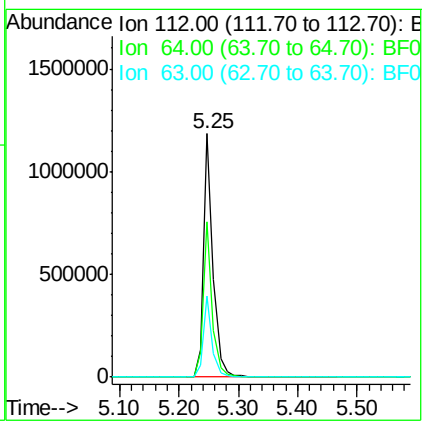


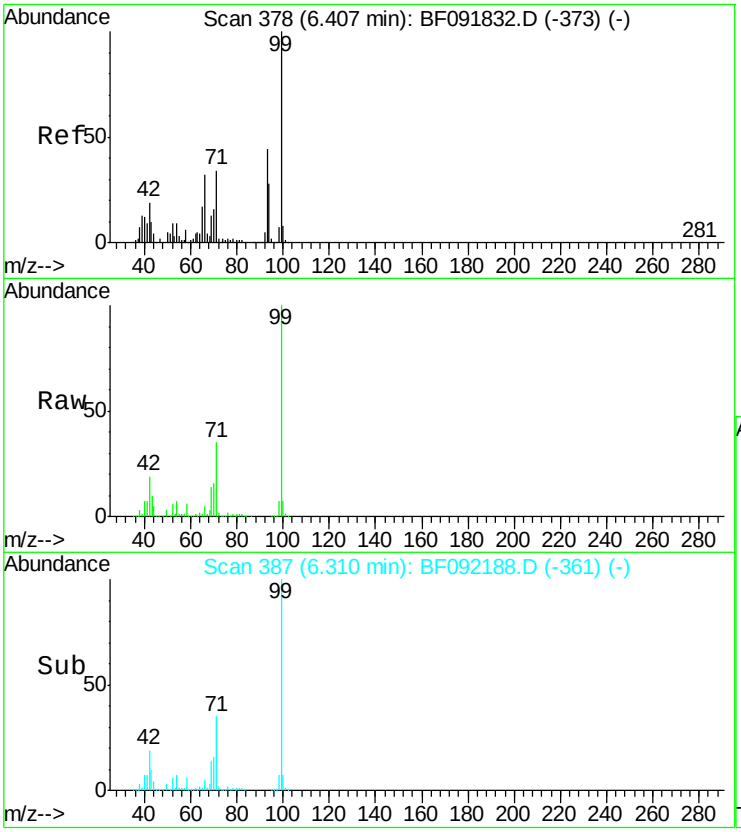


#5
2-Fluorophenol
Concen: 150.89 ng
RT: 5.25 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Tgt Ion:112 Resp: 1325438

Ion	Ratio	Lower	Upper
112	100		
64	63.9	46.1	69.1
63	33.0	23.8	35.6



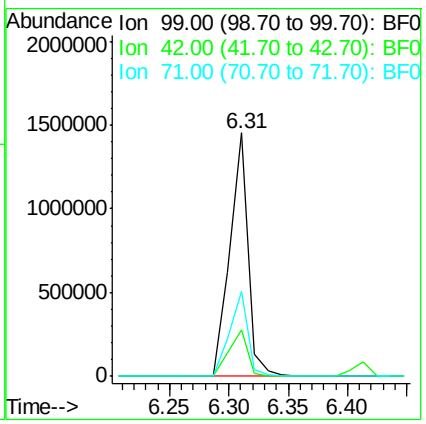


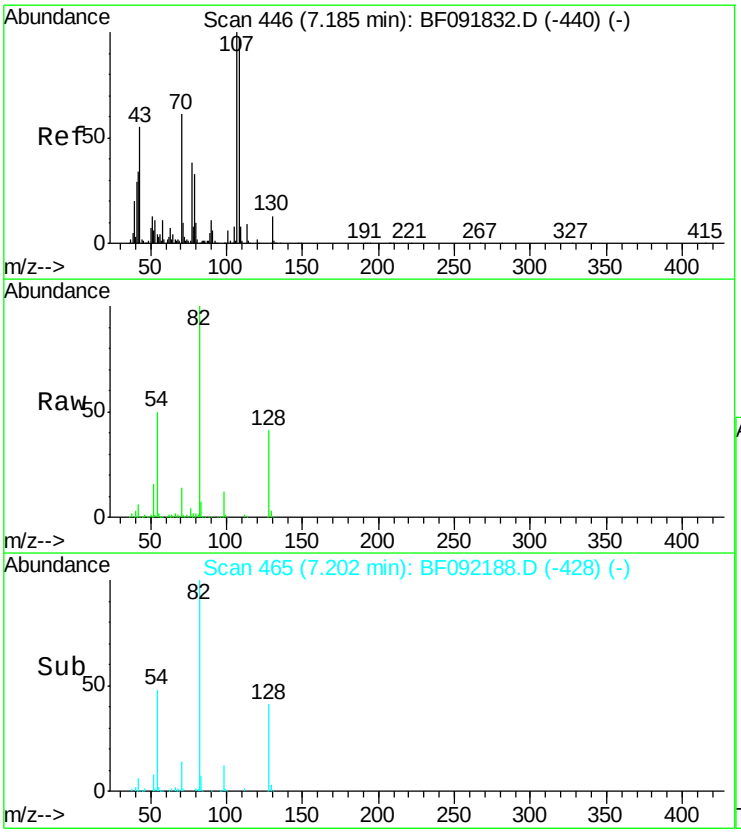
#7
Phenol-d6
Concen: 144.81 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tgt Ion: 99 Resp: 1553095

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.6	23.4
71	34.9	27.5	41.3

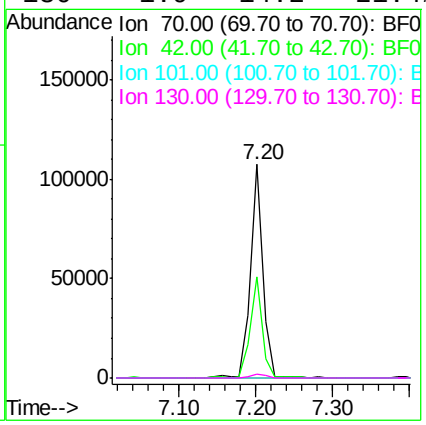


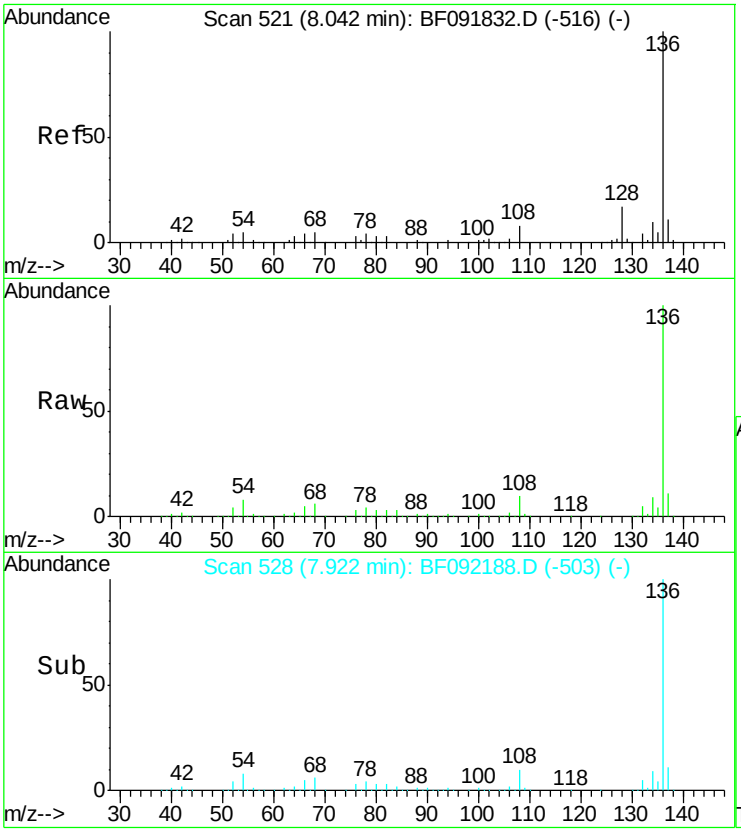


#19
n-Nitroso-di-n-propylamine
Concen: 16.70 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Tgt Ion: 70 Resp: 119146

Ion	Ratio	Lower	Upper
70	100		
42	47.3	49.4	74.0#
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#



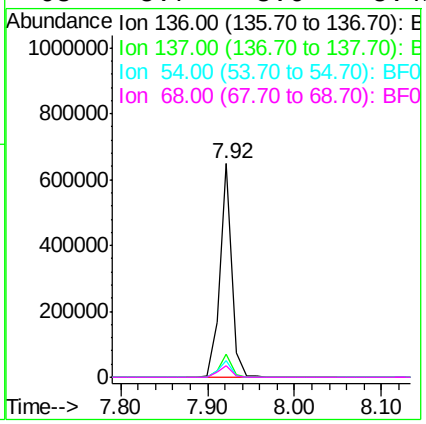


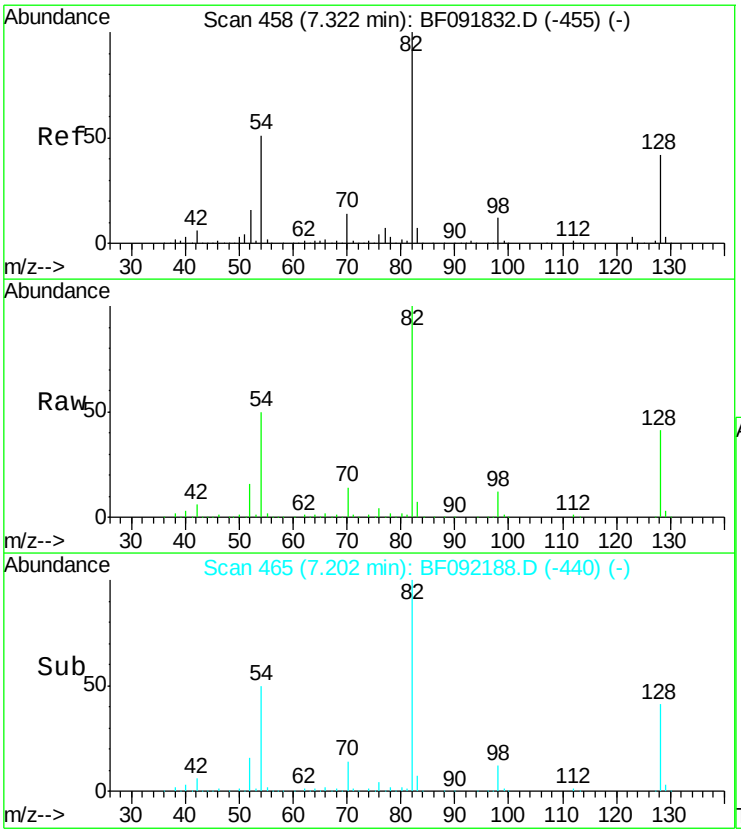
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tgt Ion:136 Resp: 622257

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.7	4.5	6.7#
68	5.7	3.6	5.4#

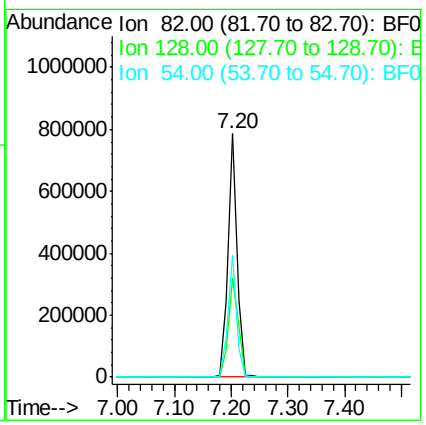


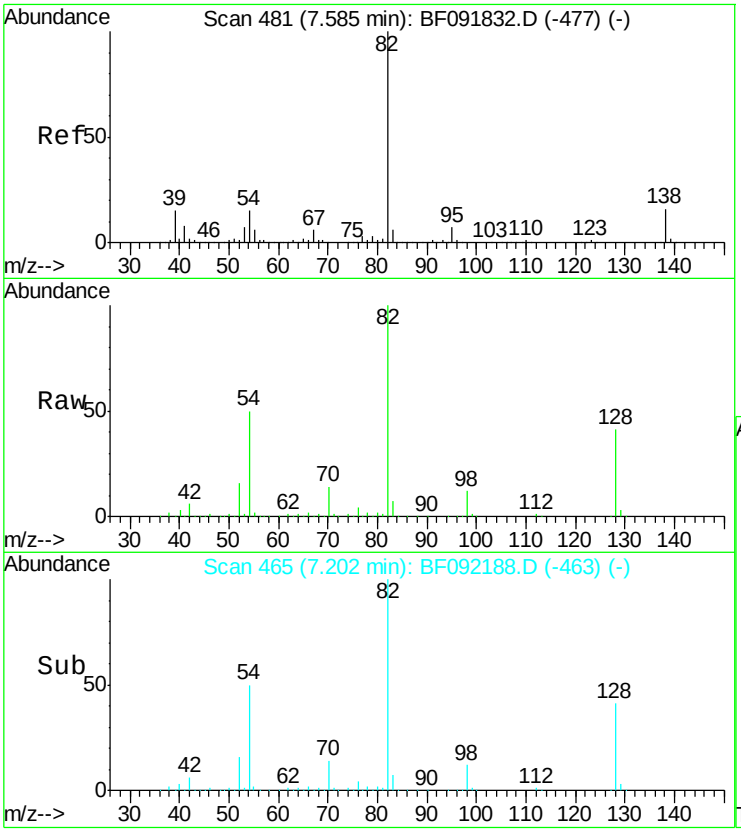


#23
Nitrobenzene-d5
Concen: 79.92 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Tgt Ion: 82 Resp: 894326

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	50.1	39.5	59.3



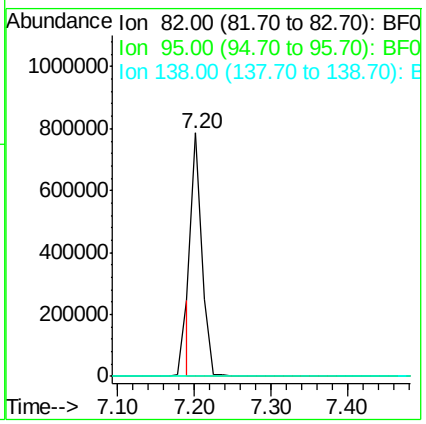


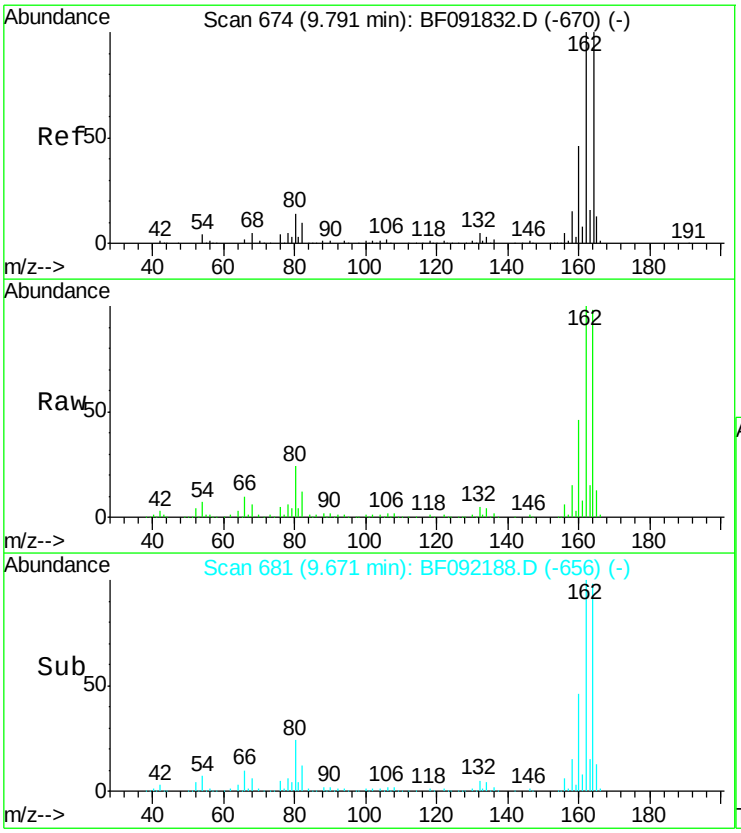
#25
Isophorone
Concen: 35.01 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.27 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tgt Ion: 82 Resp: 722885

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

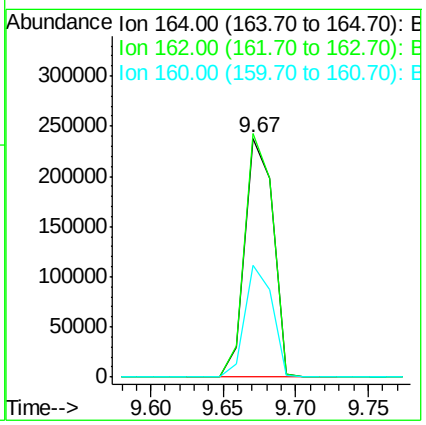


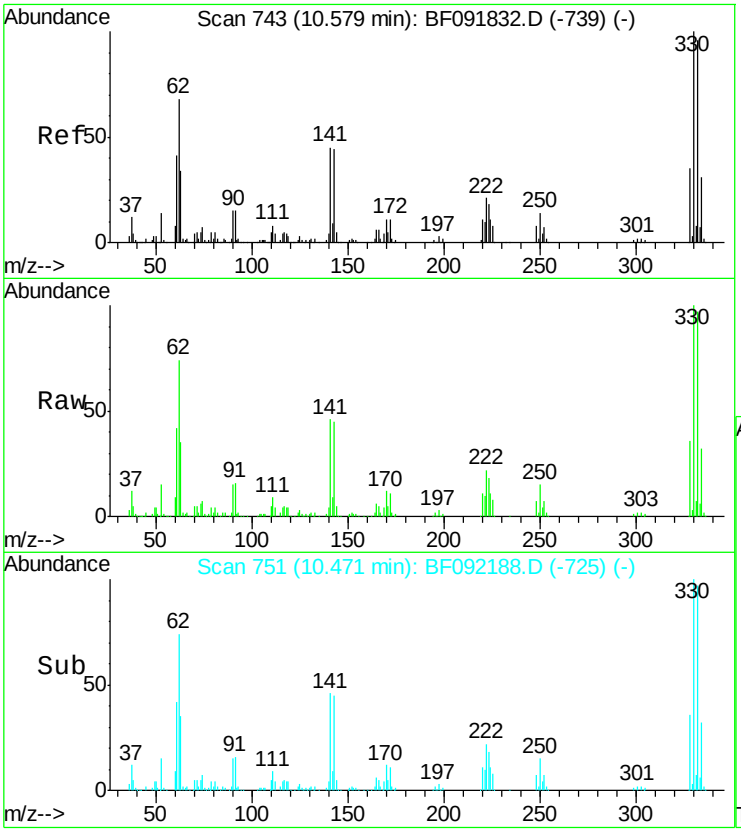


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Tgt Ion:164 Resp: 321226

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	46.7	36.9	55.3



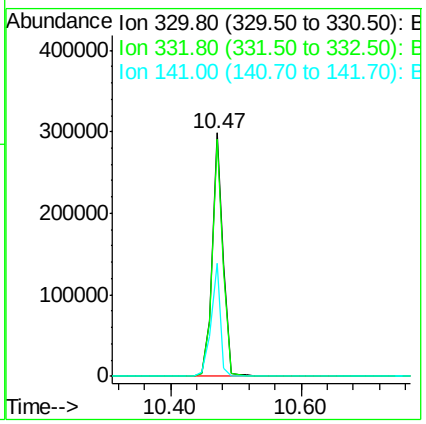


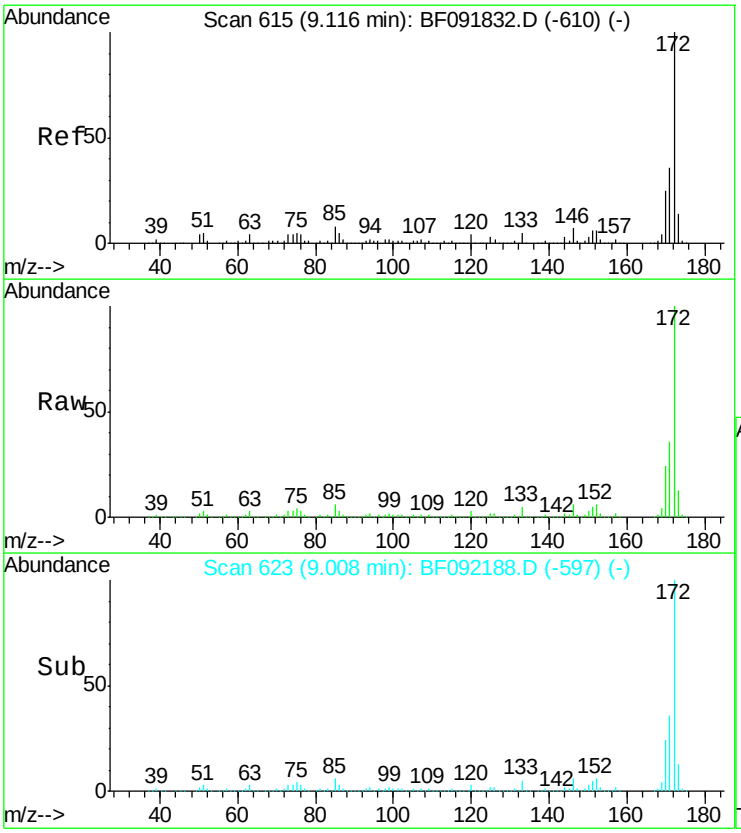
#41
2,4,6-Tribromophenol
Concen: 133.89 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tgt Ion:330 Resp: 355930

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	39.8	34.1	51.1

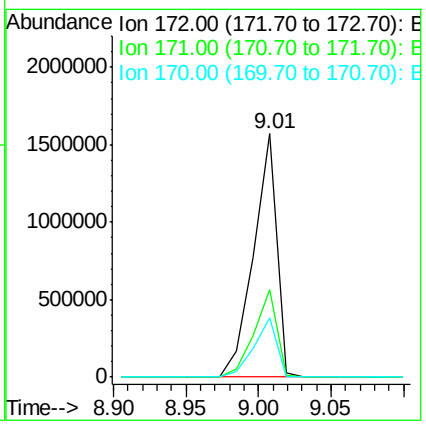


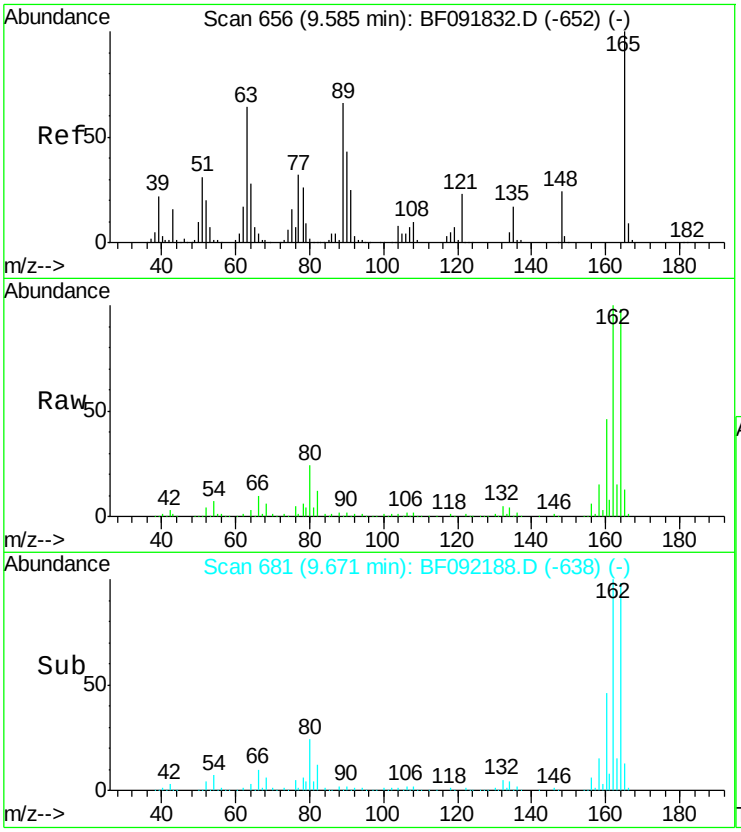


#44
2-Fluorobiphenyl
Concen: 115.86 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Tgt Ion:172 Resp: 1743028

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.4	20.2	30.4



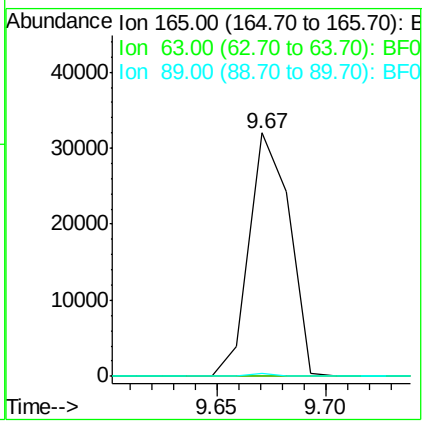


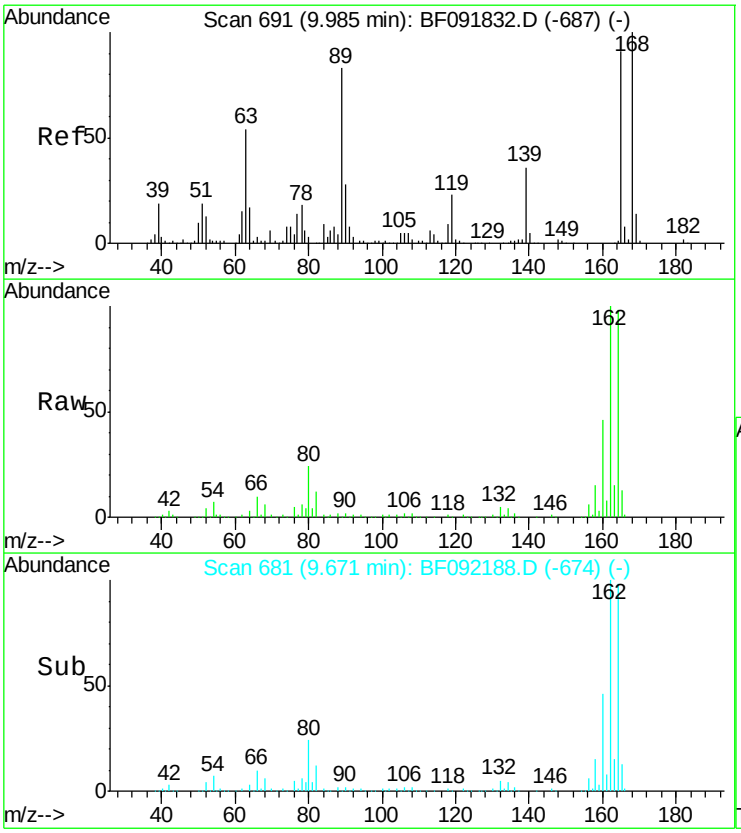
#50
2,6-Dinitrotoluene
Concen: 9.25 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.19 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tgt Ion:165 Resp: 41592

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	1.1	40.2	60.4#

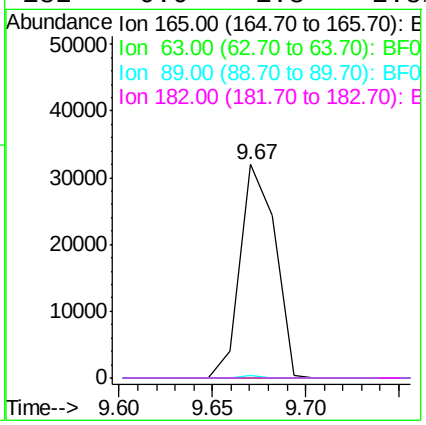


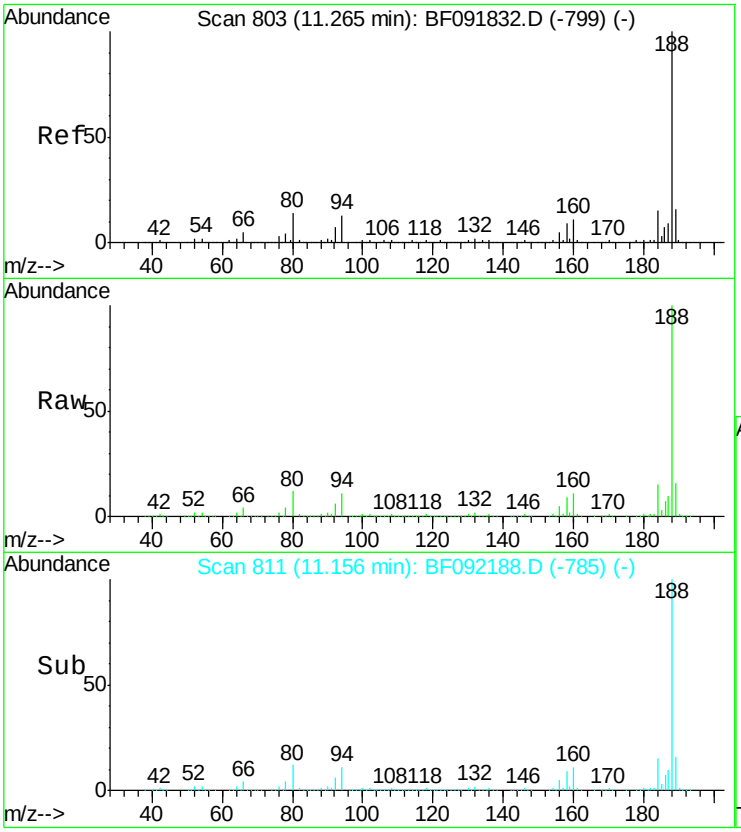


#56
2,4-Dinitrotoluene
Concen: 7.37 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.22 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Tgt Ion:165 Resp: 41595

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



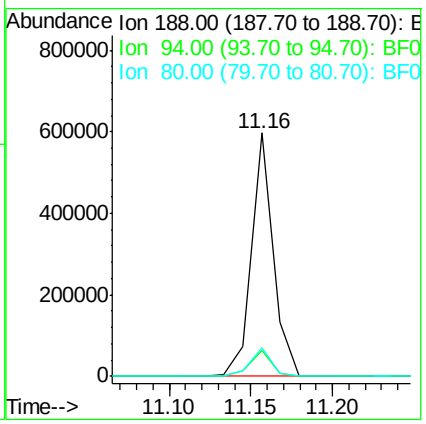


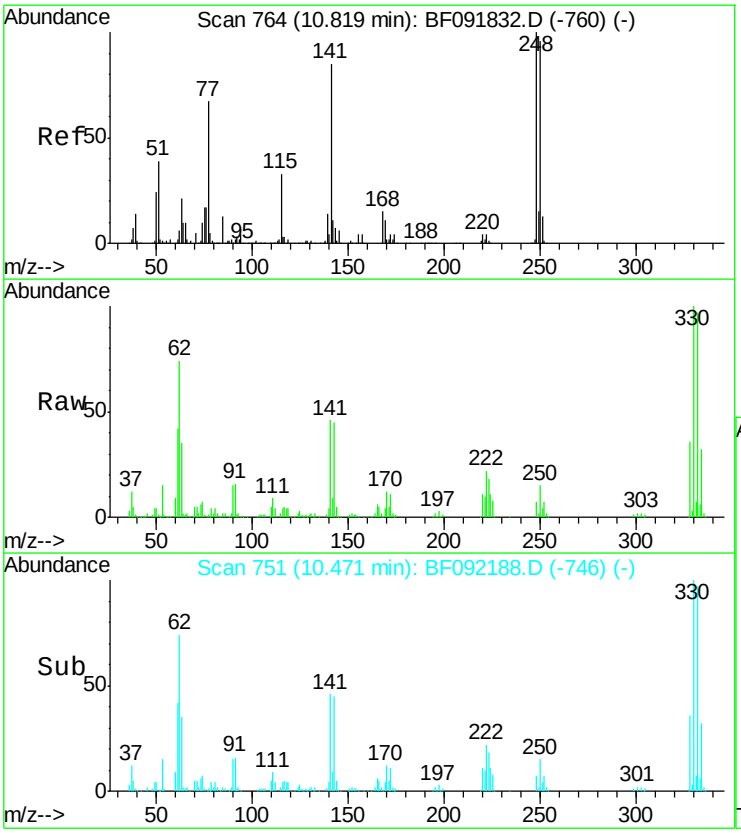
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tgt Ion:188 Resp: 556318

Ion	Ratio	Lower	Upper
188	100		
94	10.6	10.0	15.0
80	11.8	11.2	16.8

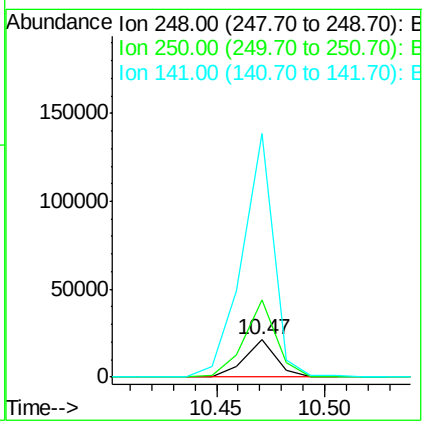


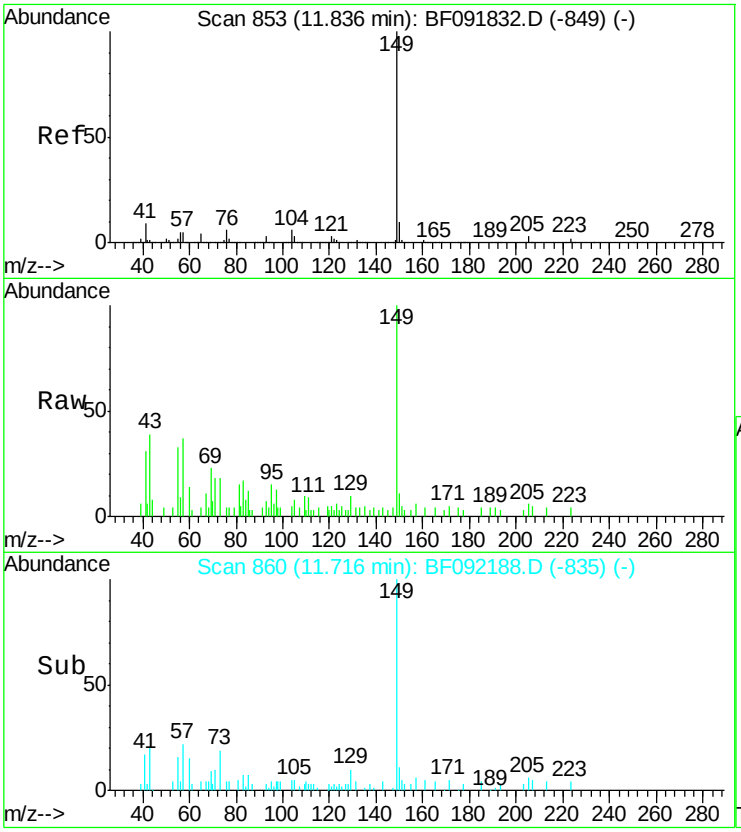


#66
4-Bromophenyl-phenylether
Concen: 3.78 ng
RT: 10.47 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Tgt Ion:248 Resp: 21871

Ion	Ratio	Lower	Upper
248	100		
250	208.2	76.9	115.3#
141	655.3	68.2	102.4#



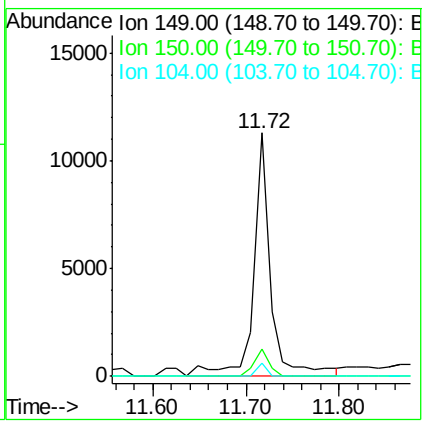


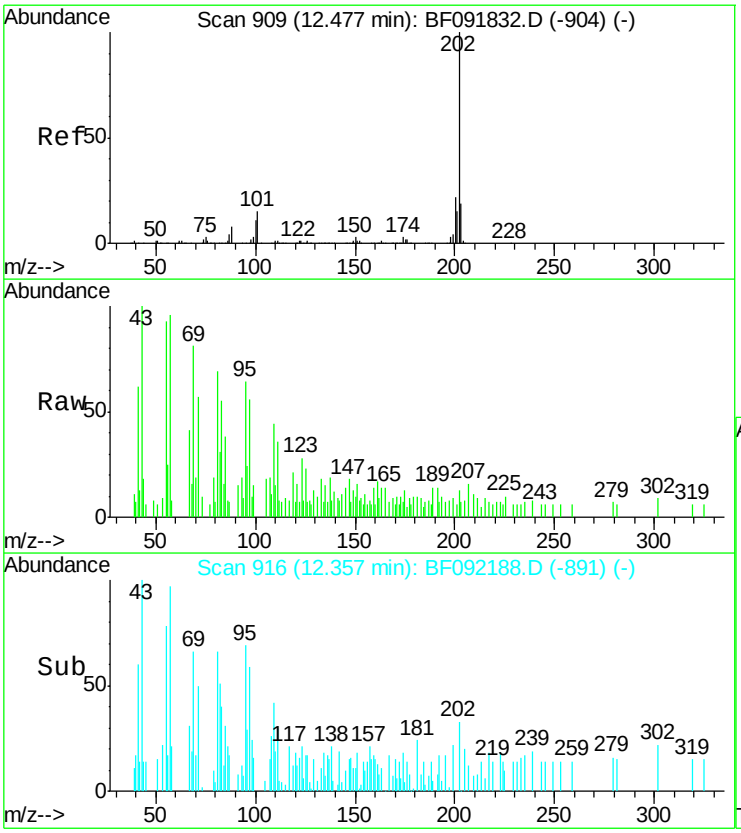
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.72 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tgt Ion:149 Resp: 14350

Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.1	12.1
104	5.3	4.6	7.0

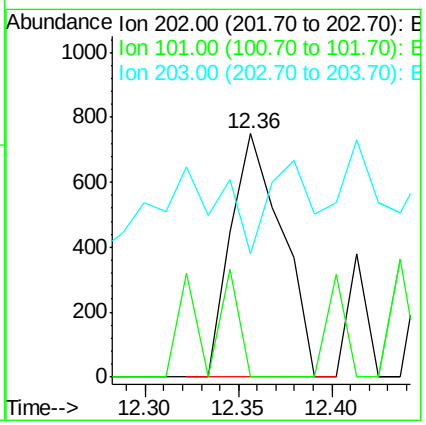


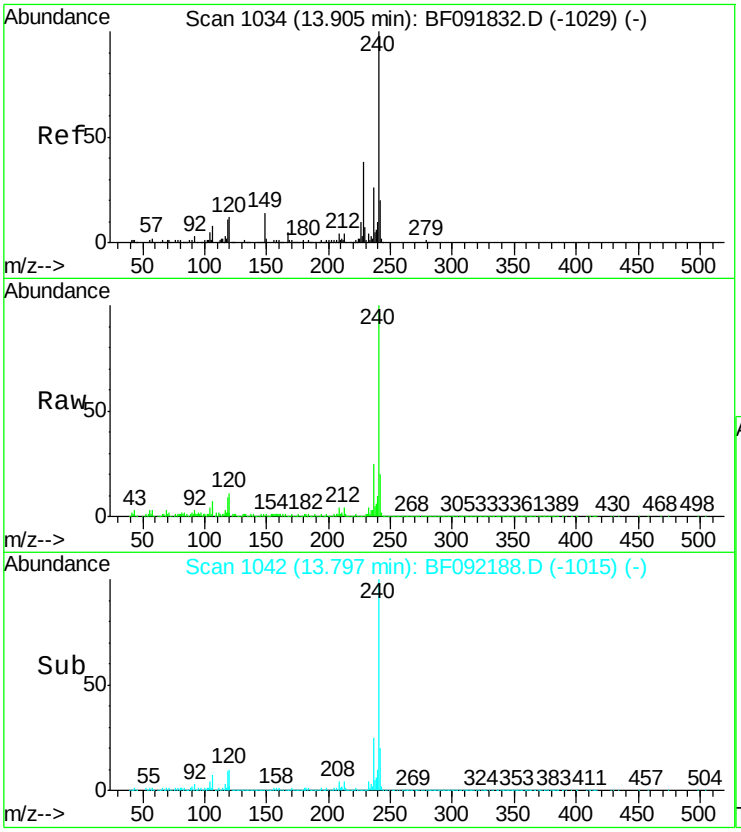


#74
Fluoranthene
Concen: Below Cal
RT: 12.36 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Tgt Ion:202 Resp: 1430

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	50.5	0.0	38.7#



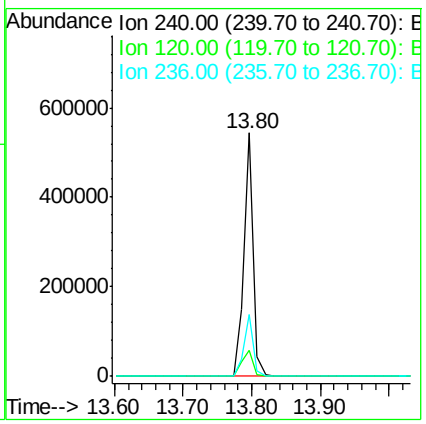


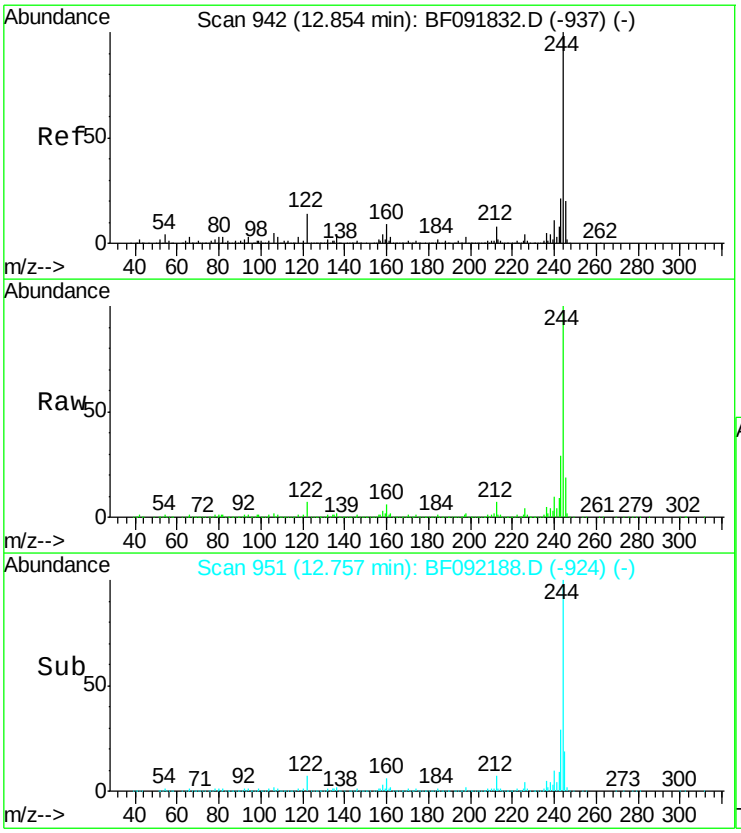
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tgt Ion:240 Resp: 513678

Ion	Ratio	Lower	Upper
240	100		
120	10.6	12.9	19.3#
236	25.5	20.9	31.3

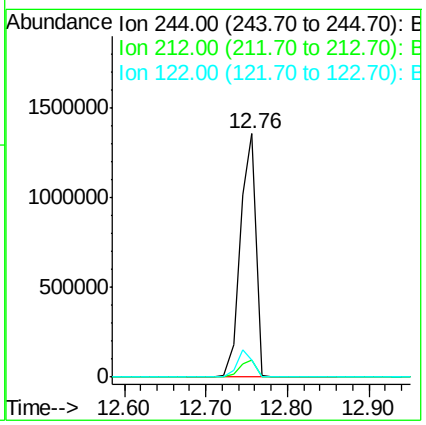


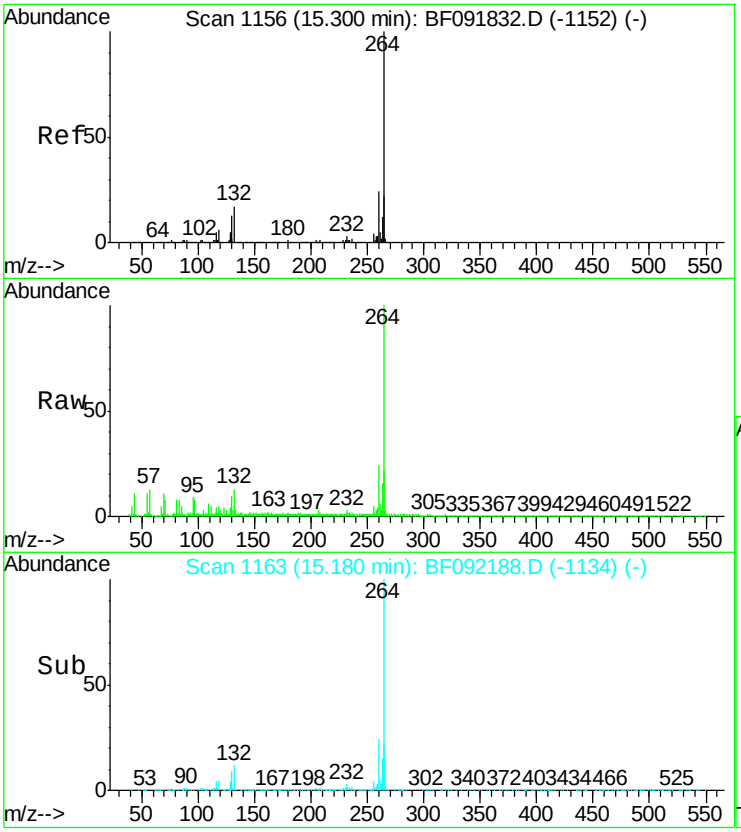


#78
Terphenyl-d14
Concen: 83.50 ng
RT: 12.76 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Tgt Ion:244 Resp: 1768473

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	7.1	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. 0.03 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tgt Ion:264 Resp: 413779

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.4	26.0