Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092147.D
Acq On : 9 Jan 2017 19:42
Operator : UM/SJ
Sample : I1064-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4-COMP12

Quant Time: Jan 09 22:33:30 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	163811	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	662347	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	318851	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	460827	20.00	ng		-0.01
75) Chrysene-d12	13.77	240	357431	20.00	ng		-0.01
86) Perylene-d12	15.15	264	319964	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1576408	160.68	ng		0.00
7) Phenol-d6	6.30	99	1746593	145.82	ng		-0.01
23) Nitrobenzene-d5	7.20	82	999483	83.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.46	330	325166	123.23	ng		-0.01
44) 2-Fluorobiphenyl	9.00	172	1615153	107.15	ng		-0.01
78) Terphenyl-d14	12.73	244	1117912	75.85	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.20	70	134323	16.86	ng	#	75
25) Isophorone	7.20	82	742513	33.79	ng	#	65
31) Naphthalene	7.93	128	89531	2.95	ng		99
49) Dimethylphthalate	9.40	163	530636	26.02	ng		99
56) 2,4-Dinitrotoluene	9.67	165	42092	7.51	ng	#	19
66) 4-Bromophenyl-phenylether	10.46	248	20815	4.34	ng	#	1
70) Phenanthrene	11.17	178	107897	4.32	ng		96
73) Di-n-butylphthalate	11.72	149	10711	Below Cal		#	80
77) Pyrene	12.57	202	164484	6.27	ng		97
80) Benzo(a)anthracene	13.76	228	63914	3.17	ng	#	71
82) Chrysene	13.76	228	63914	3.16	ng	#	75
85) Indeno(1,2,3-cd)pyrene	16.40	276	51440	2.93	ng		96
87) Benzo(b)fluoranthene	14.77	252	89665	4.50	ng	#	97
88) Benzo(k)fluoranthene	14.77	252	89665	5.28	ng	#	96
89) Benzo(a)pyrene	15.09	252	75282	4.26	ng		99
91) Benzo(g,h,i)perylene	16.79	276	77277	5.11	ng		95

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

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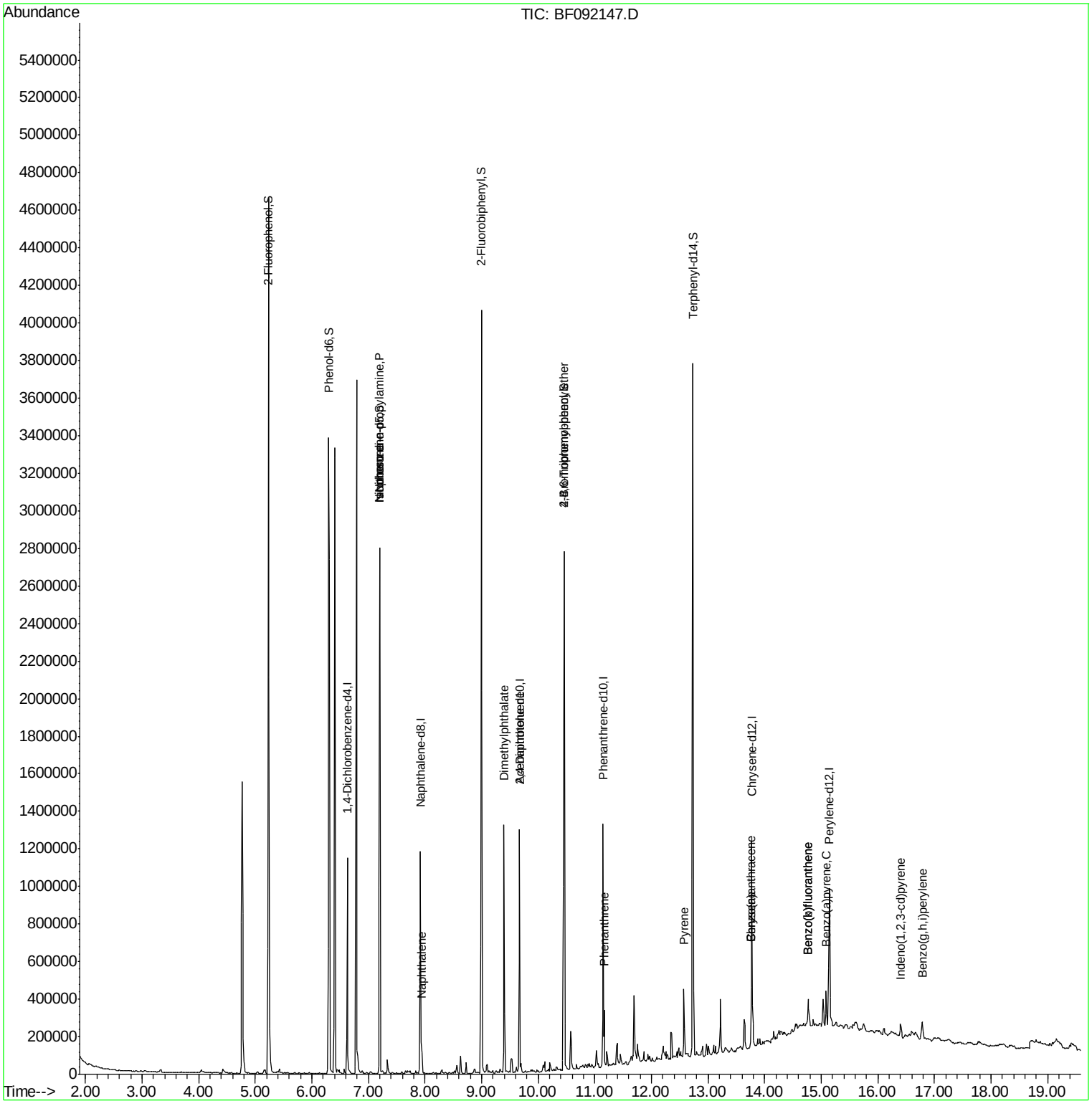
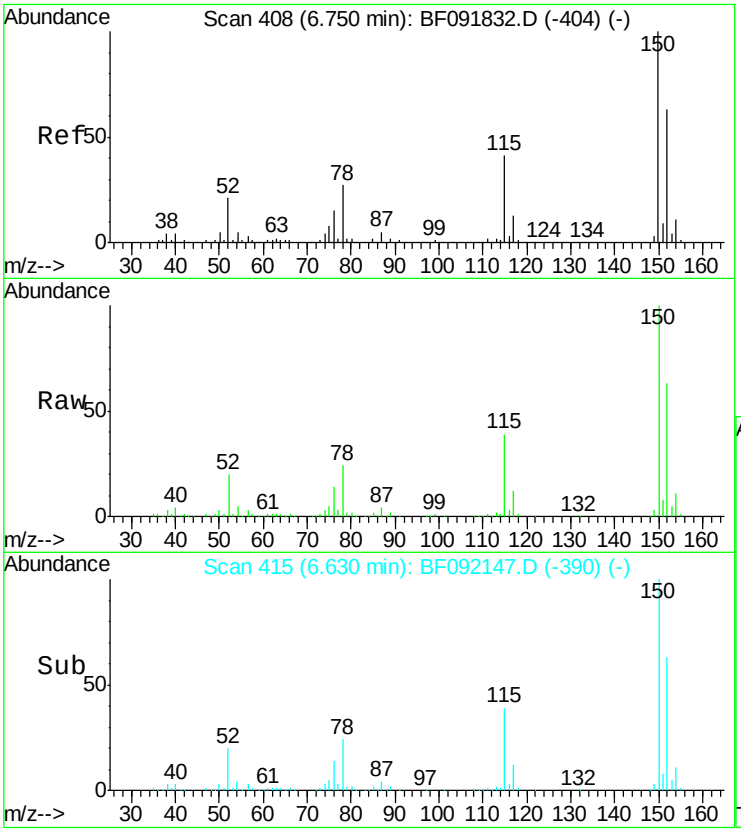


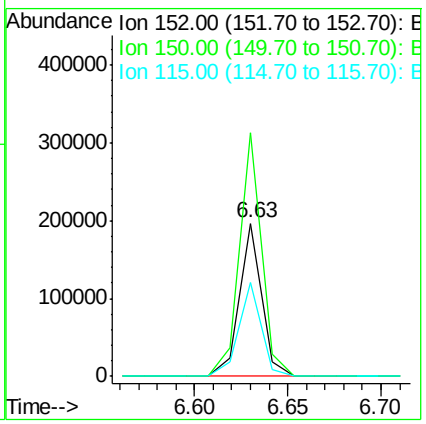


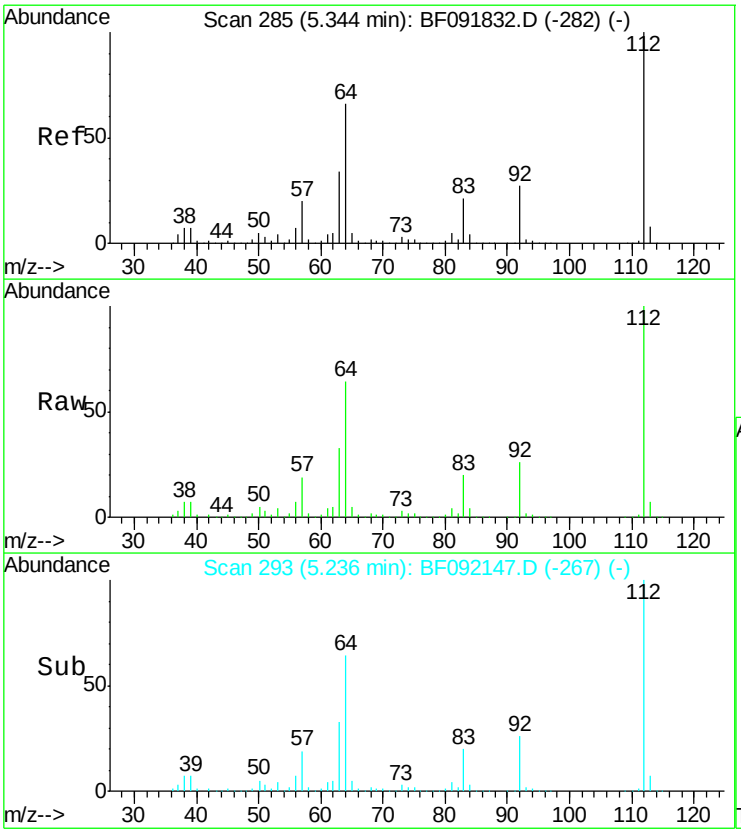
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
TP4-COMP12

Tgt Ion:152 Resp: 163811

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.9	187.3
115	61.4	46.0	69.0

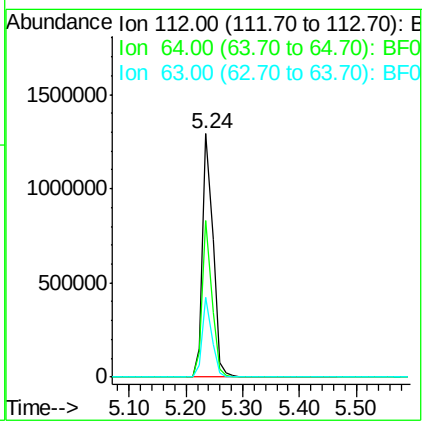


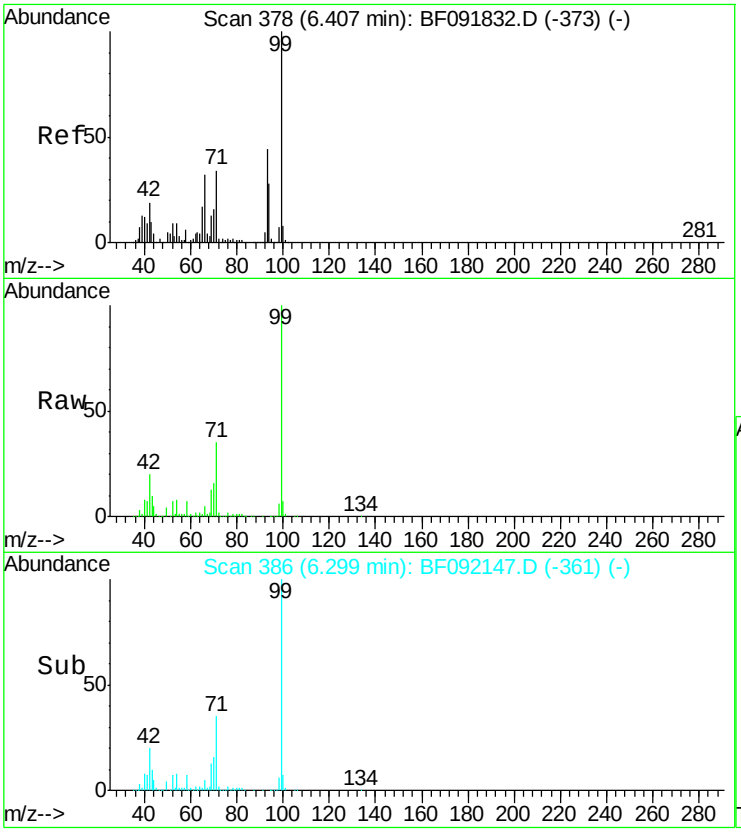


#5
2-Fluorophenol
Concen: 160.68 ng
RT: 5.24 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Tgt Ion:112 Resp: 1576408

Ion	Ratio	Lower	Upper
112	100		
64	64.4	46.1	69.1
63	32.8	23.8	35.6



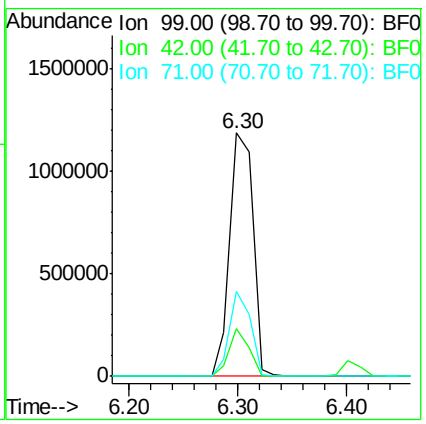


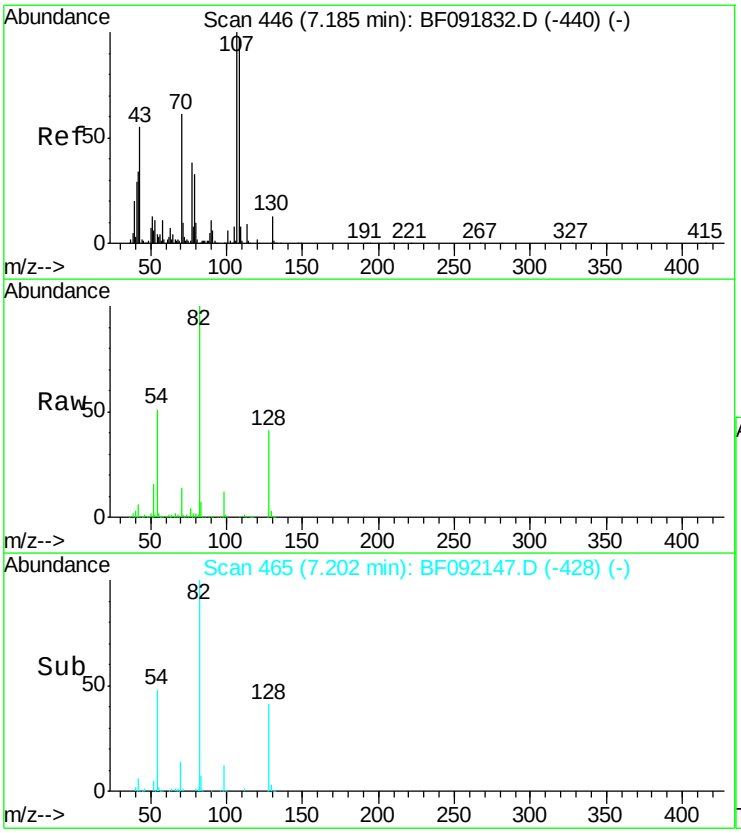
#7
Phenol-d6
Concen: 145.82 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
TP4-COMP12

Tgt Ion: 99 Resp: 1746593

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.6	23.4
71	34.9	27.5	41.3

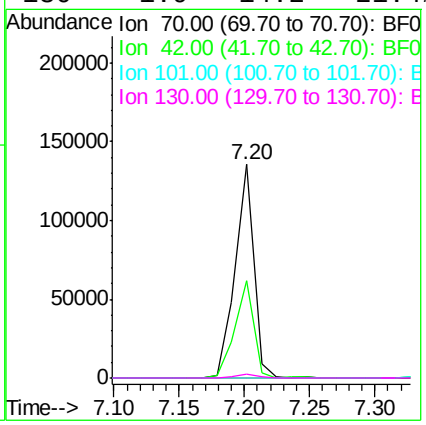


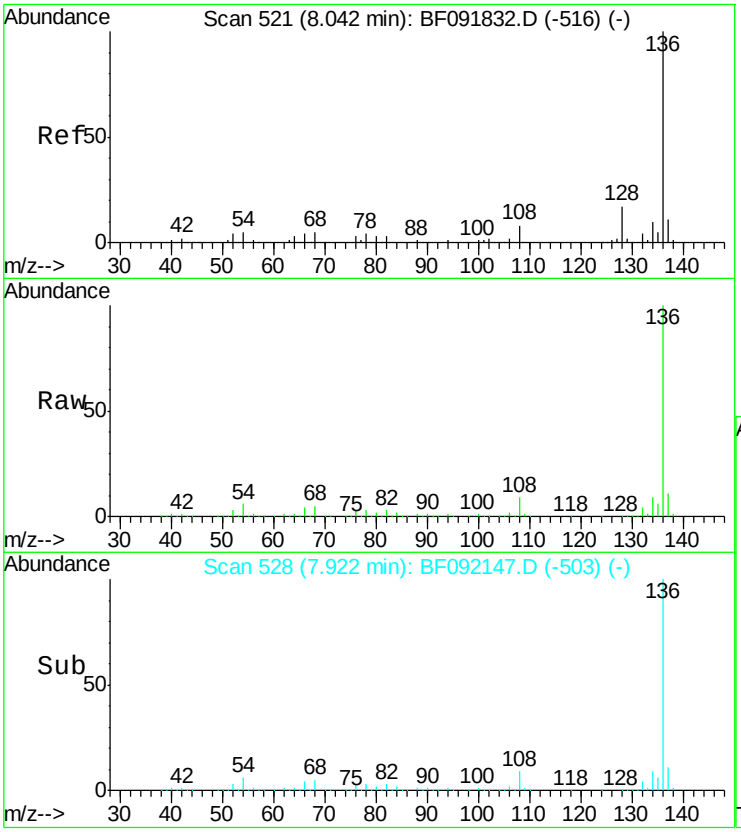


#19
n-Nitroso-di-n-propylamine
Concen: 16.86 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Tgt Ion: 70 Resp: 134323

Ion	Ratio	Lower	Upper
70	100		
42	45.4	49.4	74.0#
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#



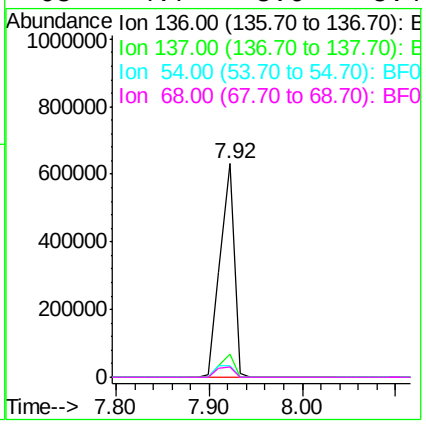


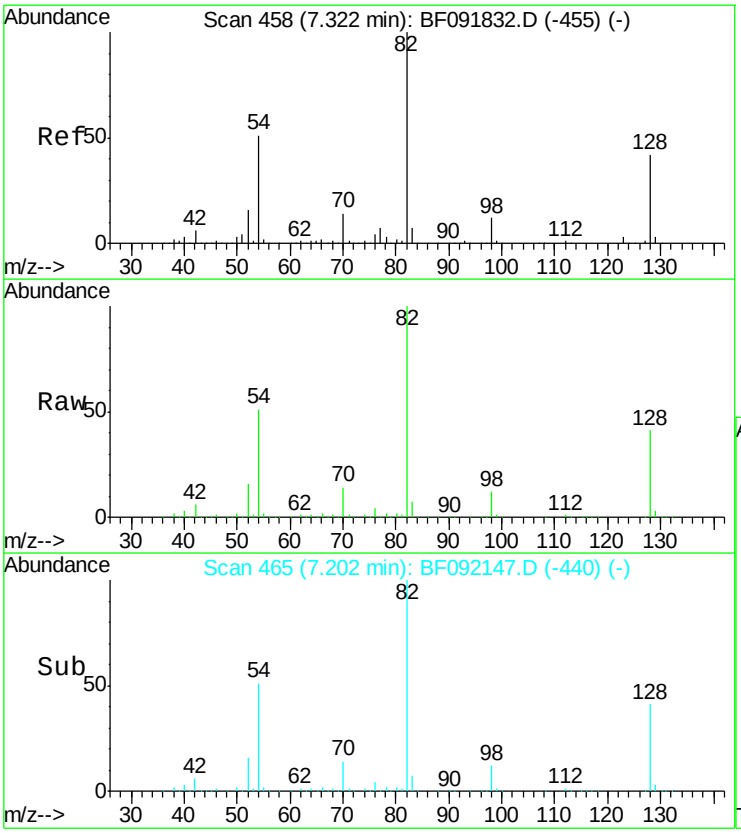
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
TP4-COMP12

Tgt Ion:136 Resp: 662347

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	5.6	4.5	6.7
68	4.7	3.6	5.4

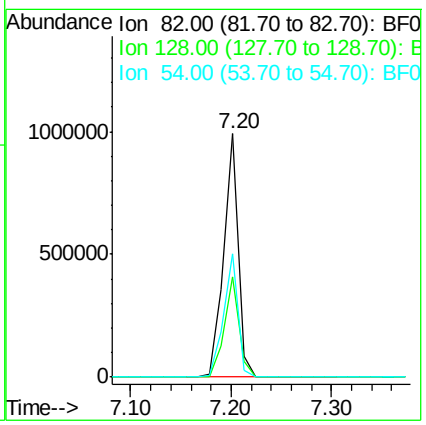


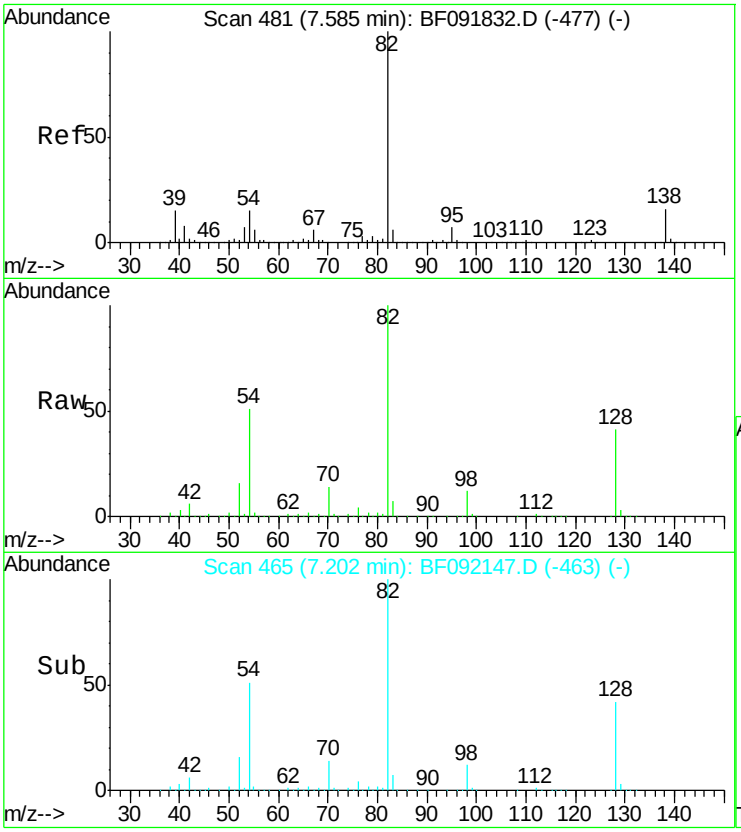


#23
Nitrobenzene-d5
Concen: 83.91 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Tgt Ion: 82 Resp: 999483

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	50.7	39.5	59.3



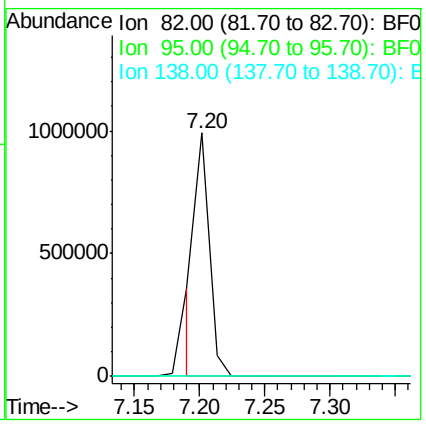


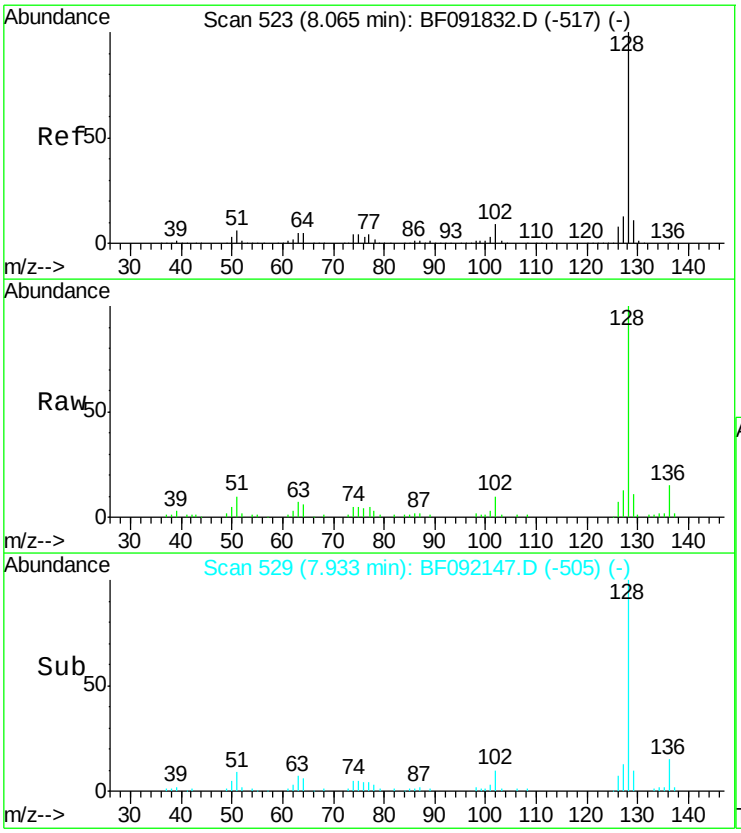
#25
Isophorone
Concen: 33.79 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.27 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
TP4-COMP12

Tgt Ion: 82 Resp: 742513

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

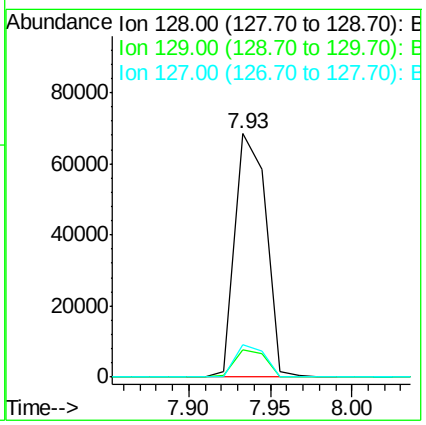


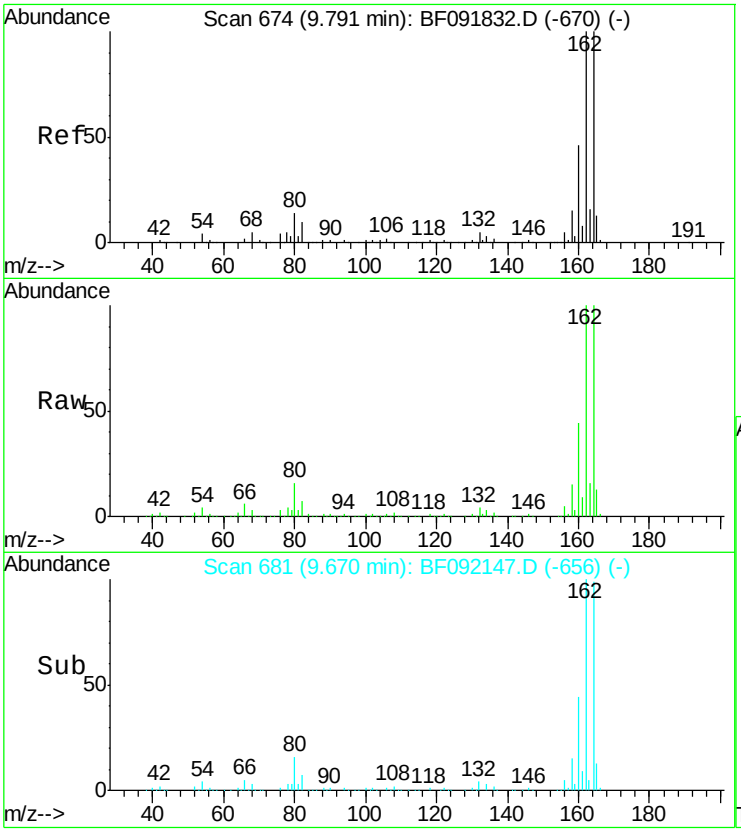


#31
Naphthalene
Concen: 2.95 ng
RT: 7.93 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Tgt Ion:128 Resp: 89531

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.3	10.8	16.2



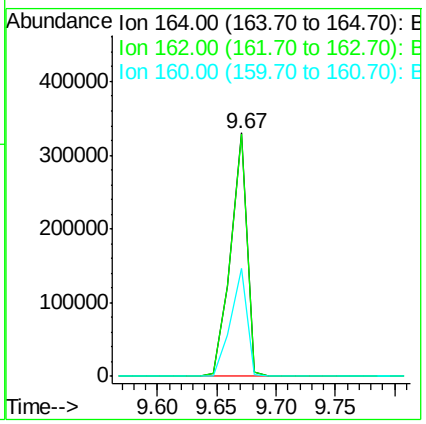


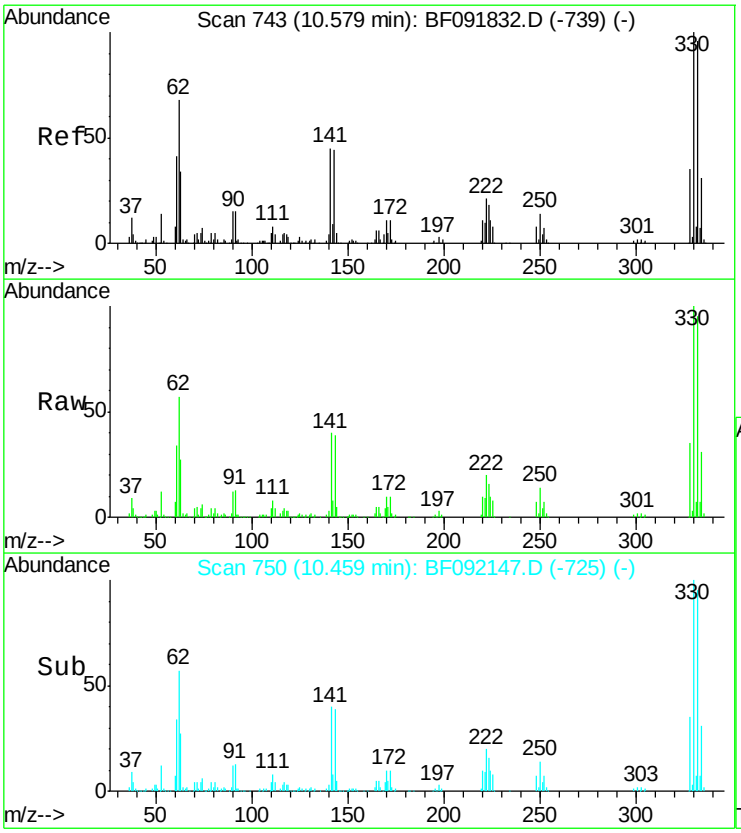
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
TP4-COMP12

Tgt Ion:164 Resp: 318851

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.2	120.2
160	44.1	36.9	55.3

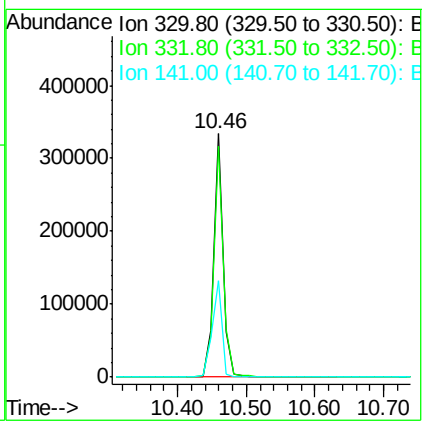


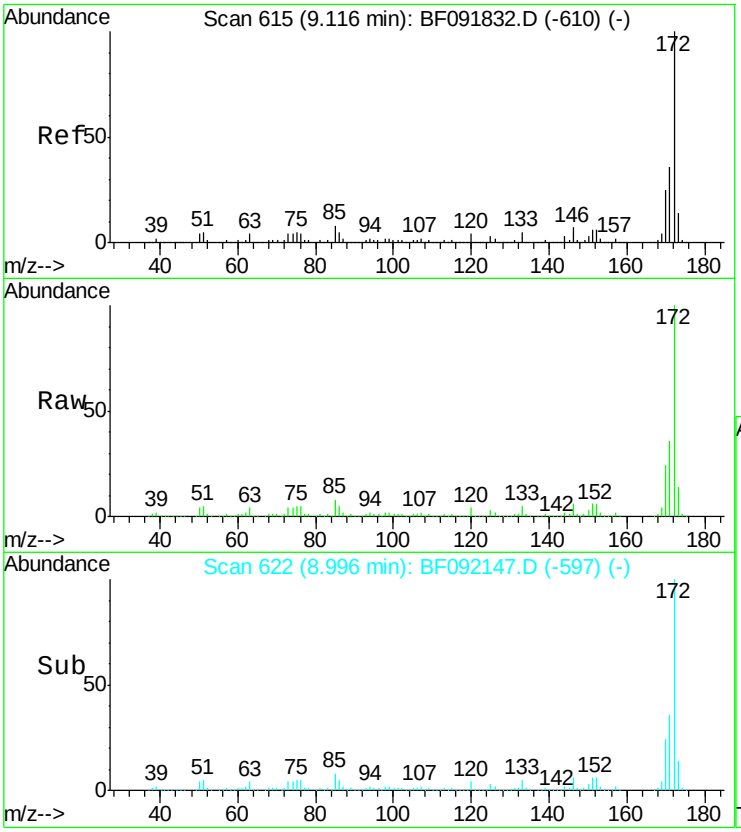


#41
2,4,6-Tribromophenol
Concen: 123.23 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Tgt Ion:330 Resp: 325166

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	41.6	34.1	51.1



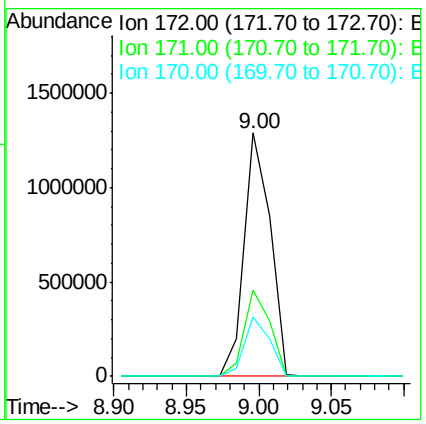


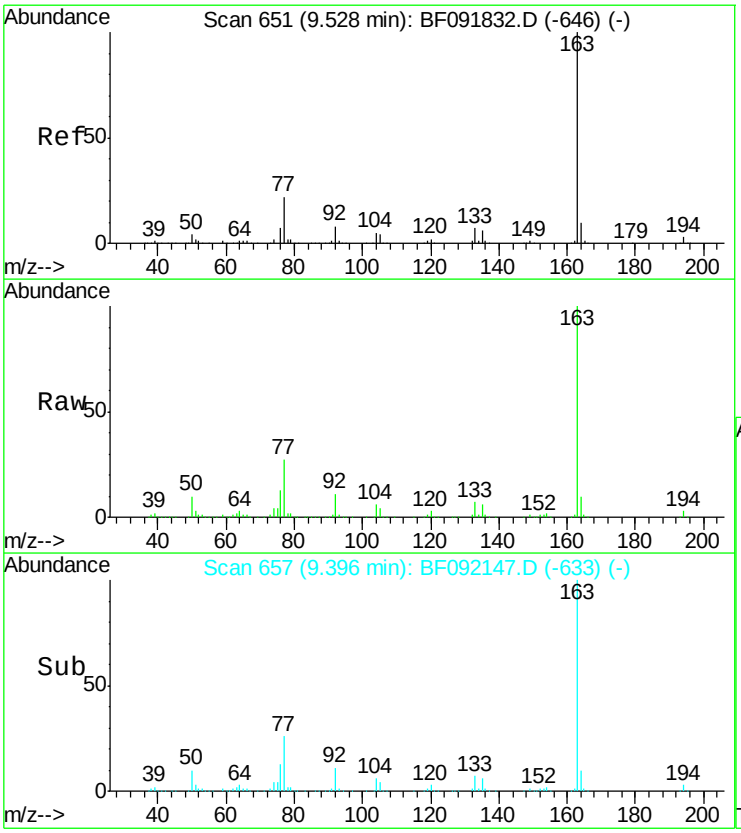
#44
2-Fluorobiphenyl
Concen: 107.15 ng
RT: 9.00 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
TP4-COMP12

Tgt Ion:172 Resp: 1615153

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.3	20.2	30.4

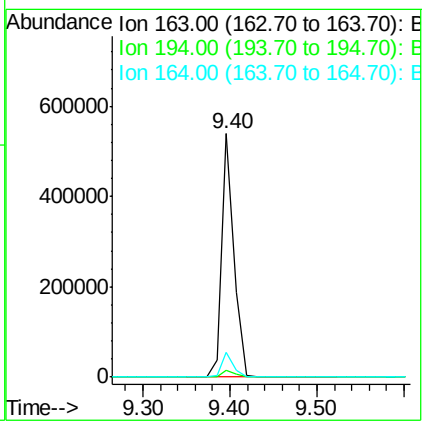


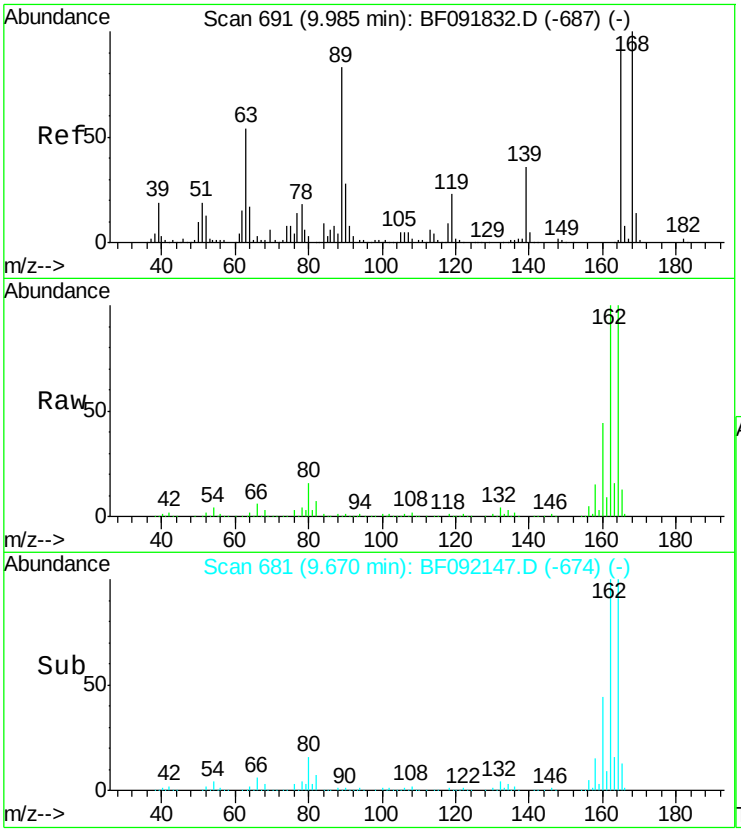


#49
Dimethylphthalate
Concen: 26.02 ng
RT: 9.40 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Tgt Ion:163 Resp: 530636

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.4	8.0	12.0



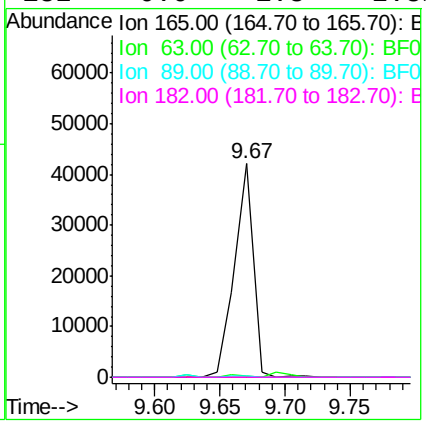


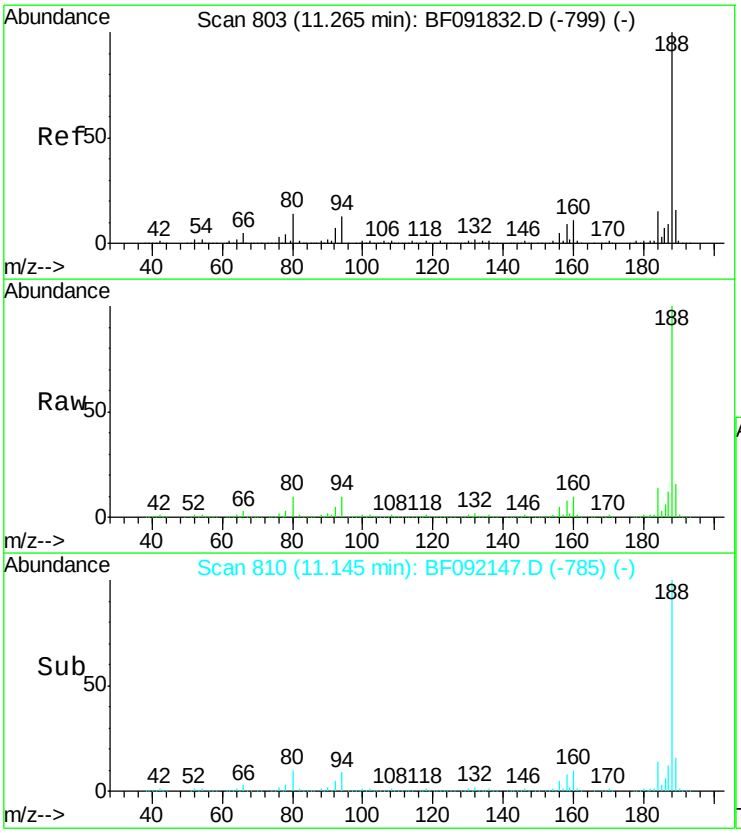
#56
2,4-Dinitrotoluene
Concen: 7.51 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.22 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
TP4-COMP12

Tgt Ion:165 Resp: 42092

Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092147.D
Acq: 9 Jan 2017 19:42

Tgt Ion:188 Resp: 460827

Ion	Ratio	Lower	Upper
188	100		
94	9.5	10.0	15.0#
80	10.1	11.2	16.8#