Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF123016\
Data File : BF092048.D
Acq On : 30 Dec 2016 15:54
Operator : UM/SJ
Sample : H6314-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 30 16:39:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	241190	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	872231	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	459643	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	702181	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	440778	20.00	ng	-0.05
86) Perylene-d12	15.21	264	543056	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	897524	62.13	ng	-0.03
7) Phenol-d6	6.34	99	693406	39.32	ng	-0.05
23) Nitrobenzene-d5	7.25	82	1674906	106.78	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	480145	126.22	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2170895	98.88	ng	-0.03
78) Terphenyl-d14	12.78	244	1714731	94.35	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	34780	2.41	ng	# 72
19) n-Nitroso-di-n-propylamine	7.25	70	226105	19.27	ng	# 76
50) 2,6-Dinitrotoluene	9.72	165	58181	9.04	ng	# 30
56) 2,4-Dinitrotoluene	9.72	165	58172	7.20	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	32387	4.43	ng	# 1
71) Anthracene	11.26	178	795	Below Cal		# 1
73) Di-n-butylphthalate	11.77	149	28613	Below Cal		97
74) Fluoranthene	12.50	202	434	Below Cal		61

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

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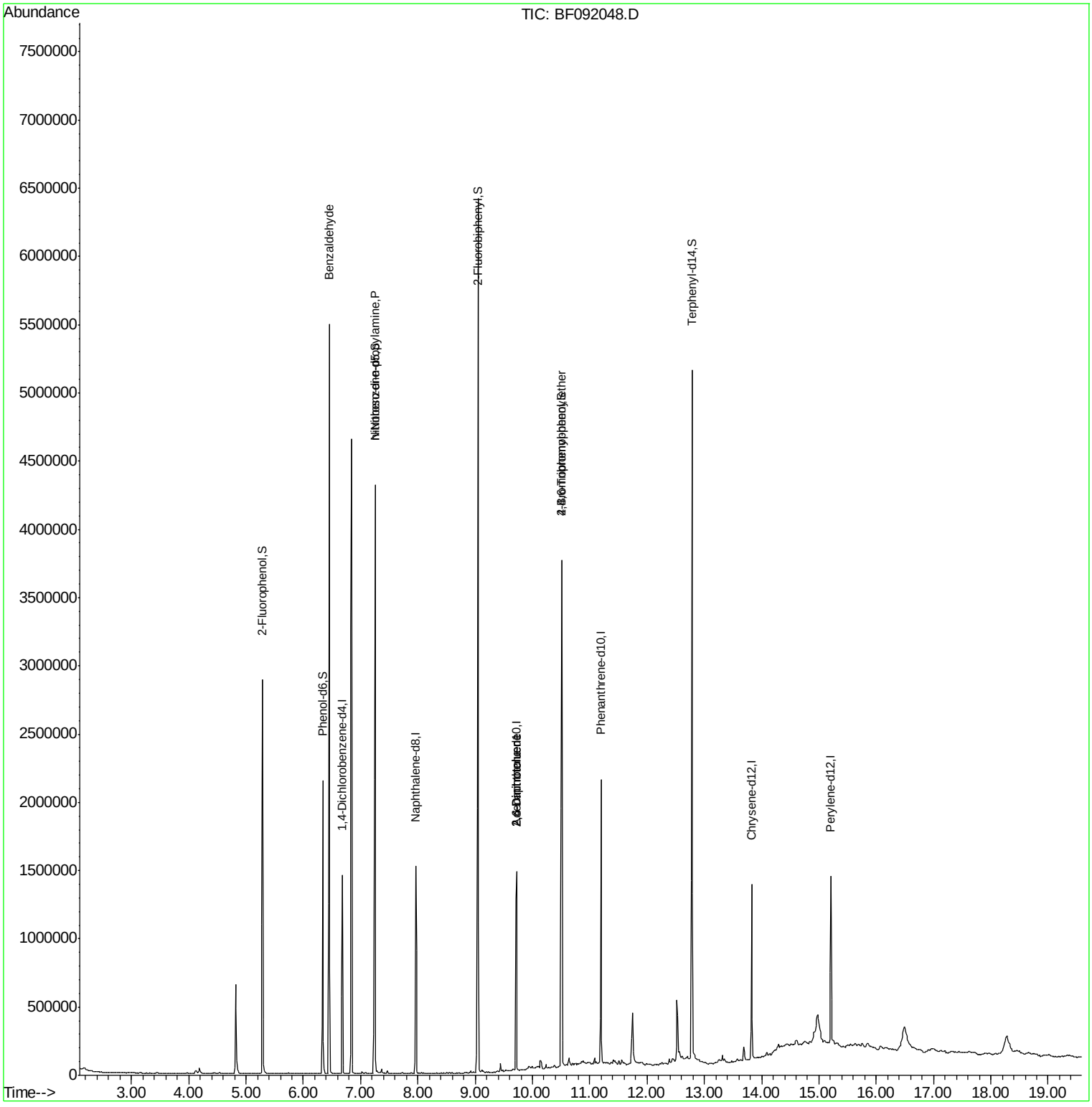
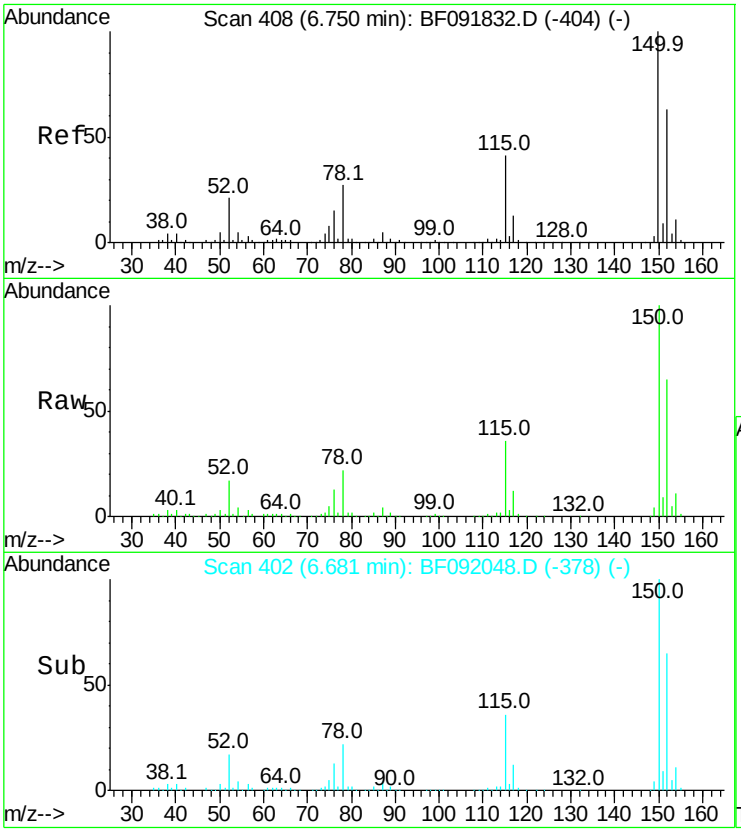


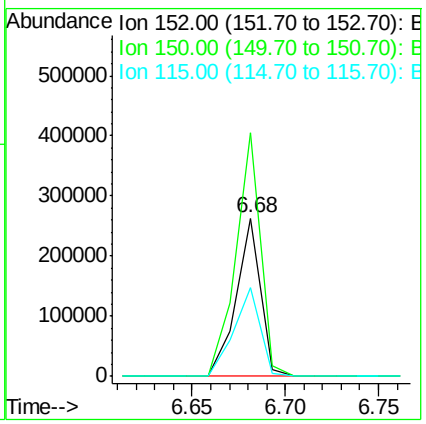


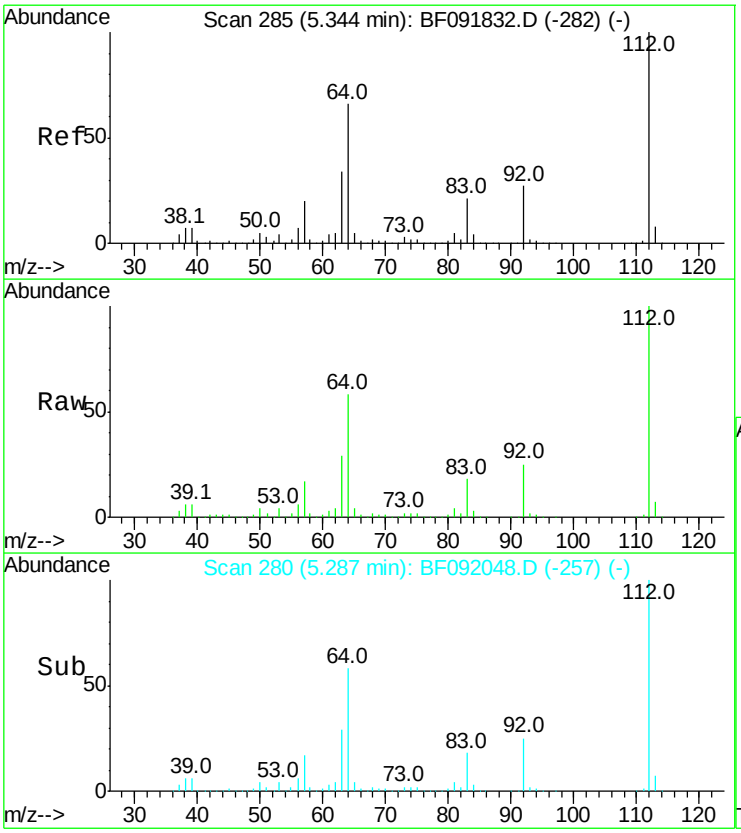
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 241190

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.9	187.3
115	56.0	46.0	69.0

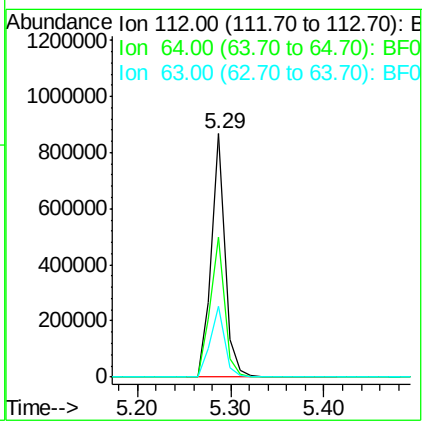


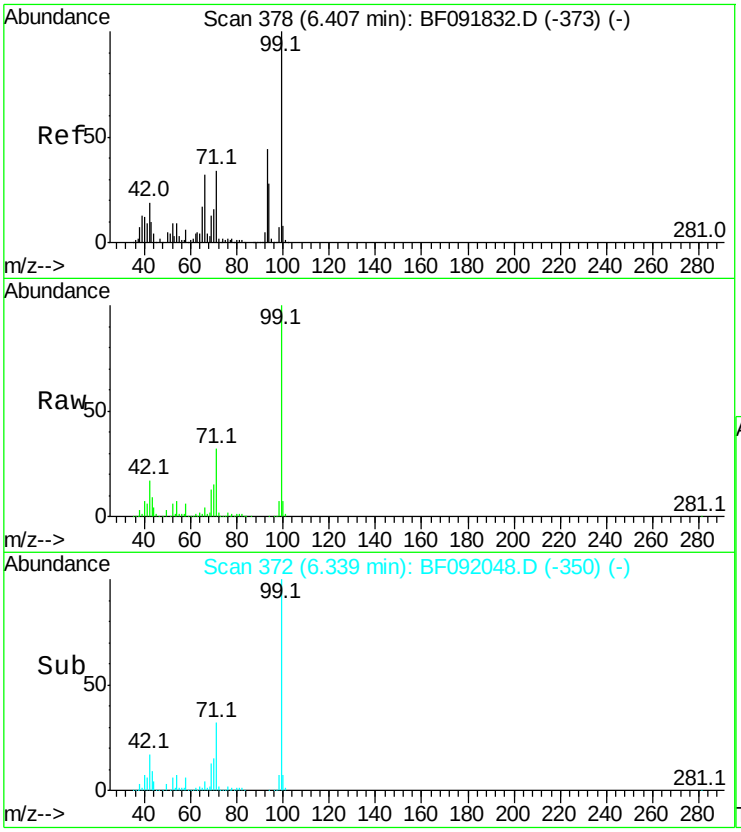


#5
2-Fluorophenol
Concen: 62.13 ng
RT: 5.29 min Scan# 280
Delta R.T. -0.03 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Tgt Ion:112 Resp: 897524

Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.1	69.1
63	29.1	23.8	35.6



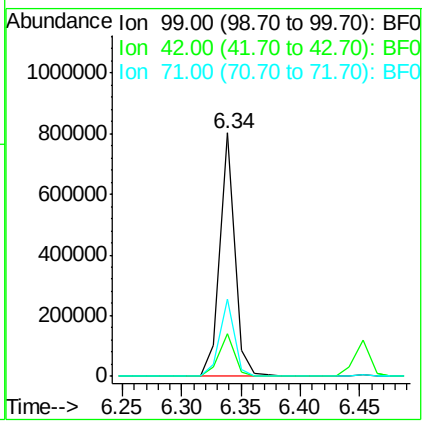


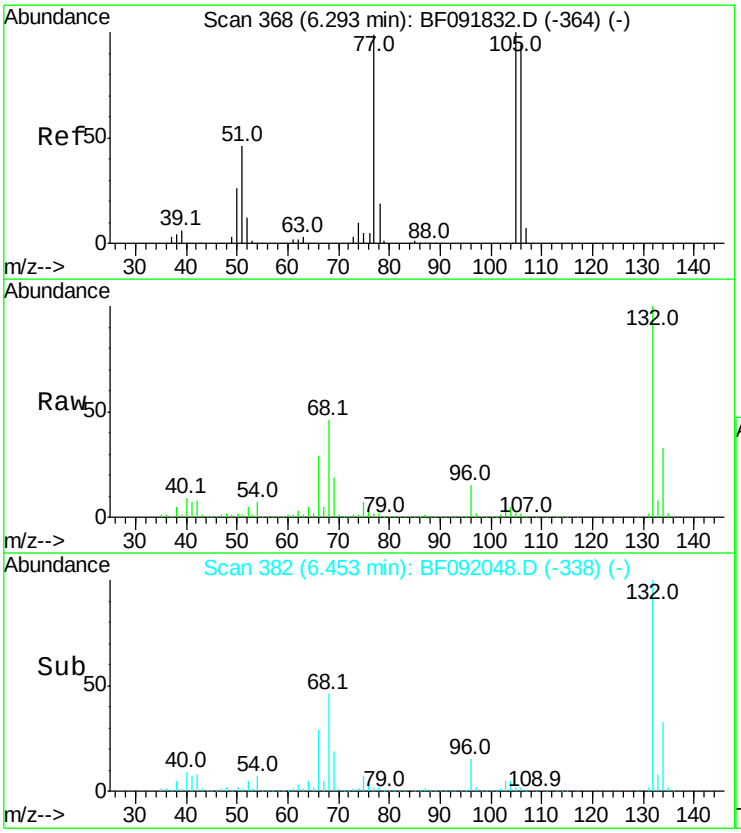
#7
Phenol-d6
Concen: 39.32 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.05 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 693406

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.6	23.4
71	31.5	27.5	41.3

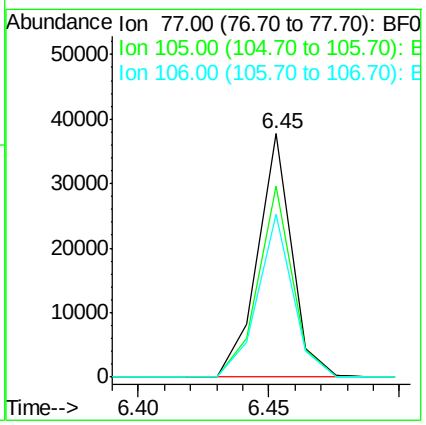


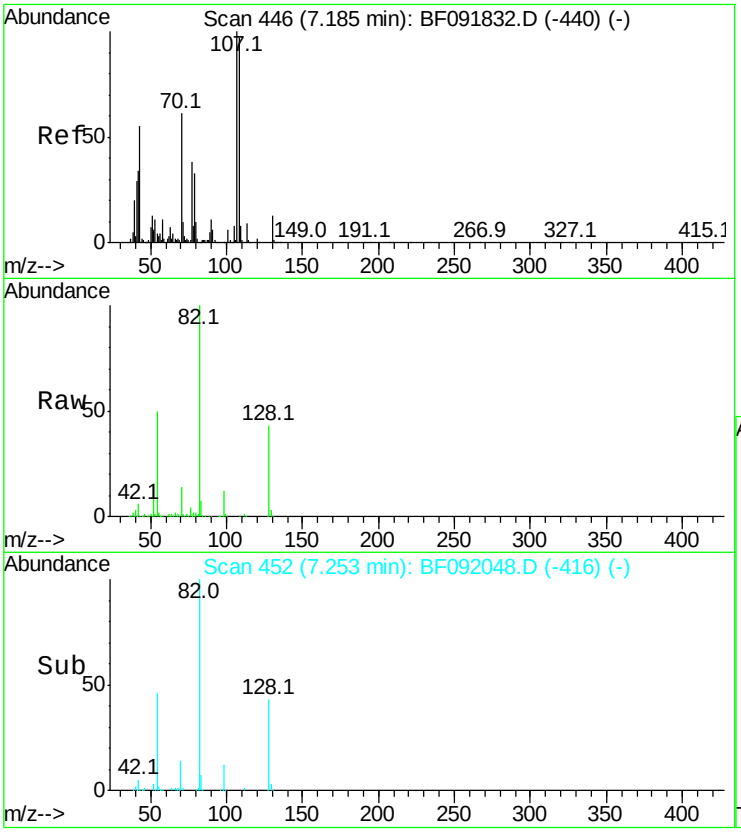


#9
Benzaldehyde
Concen: 2.41 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.21 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Tgt Ion: 77 Resp: 34780

Ion	Ratio	Lower	Upper
77	100		
105	78.3	83.9	123.9#
106	66.7	77.6	117.6#



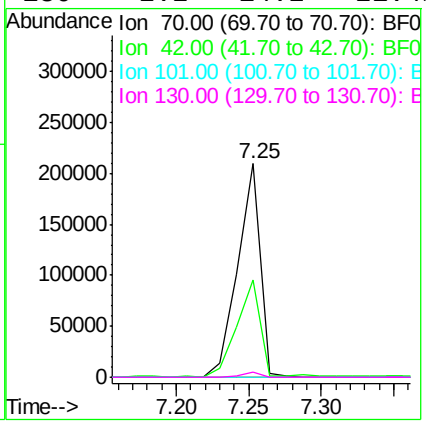


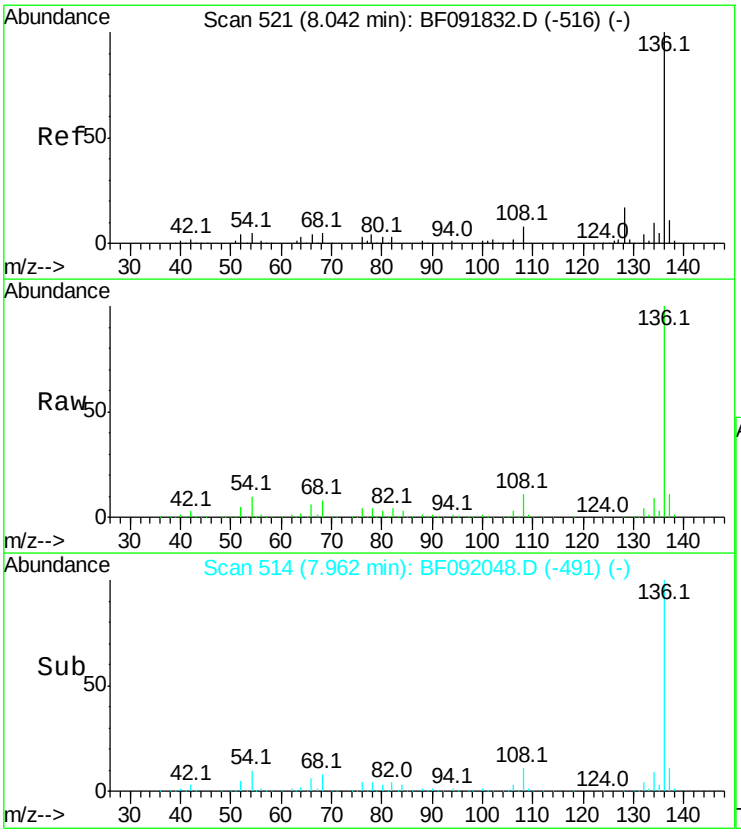
#19
n-Nitroso-di-n-propylamine
Concen: 19.27 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.11 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 226105

Ion	Ratio	Lower	Upper
70	100		
42	45.5	49.4	74.0#
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#

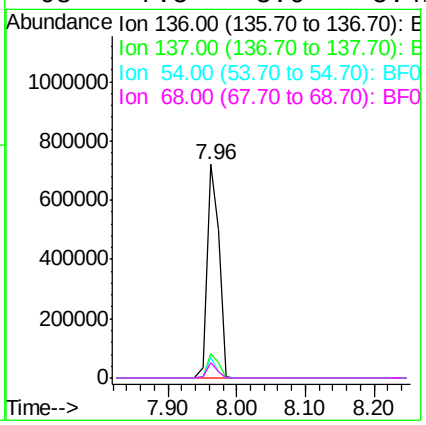


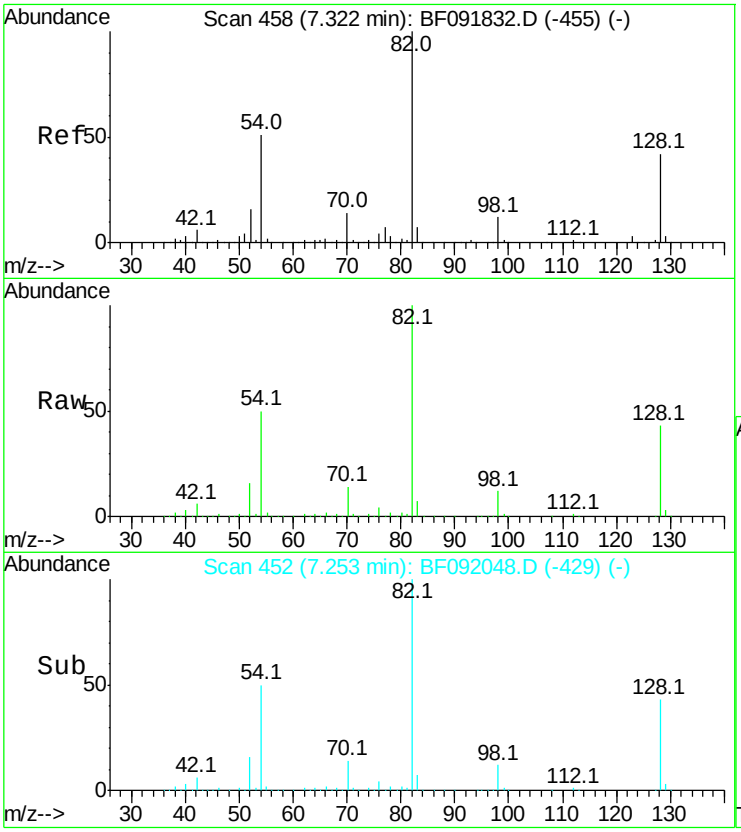


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Tgt Ion:136 Resp: 872231

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.6	4.5	6.7#
68	7.5	3.6	5.4#



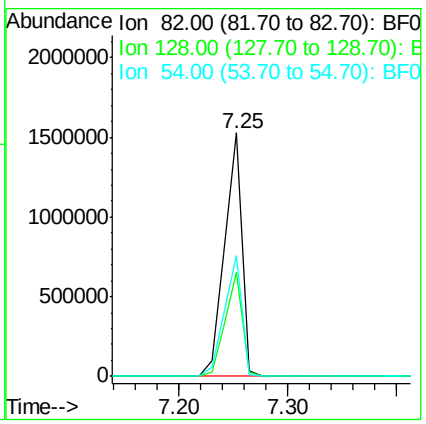


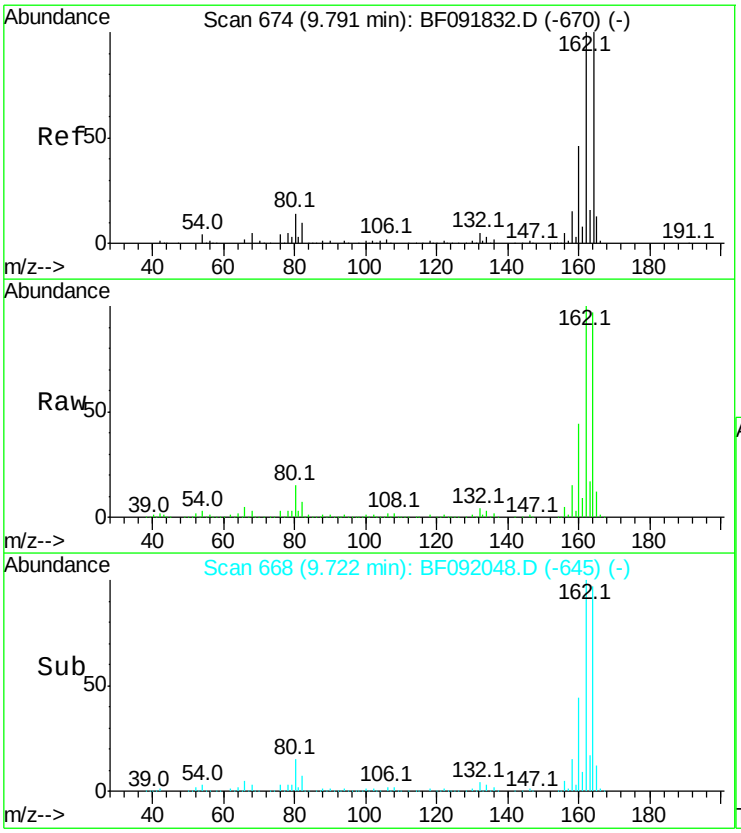
#23
Nitrobenzene-d5
Concen: 106.78 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1674906

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	49.5	39.5	59.3

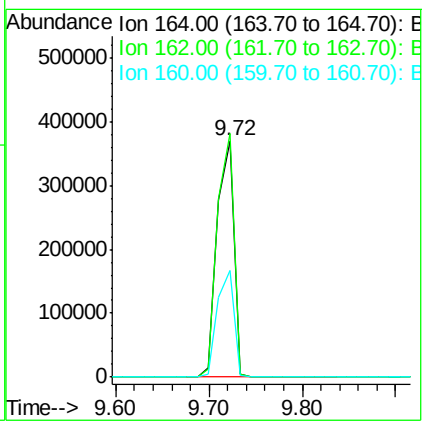


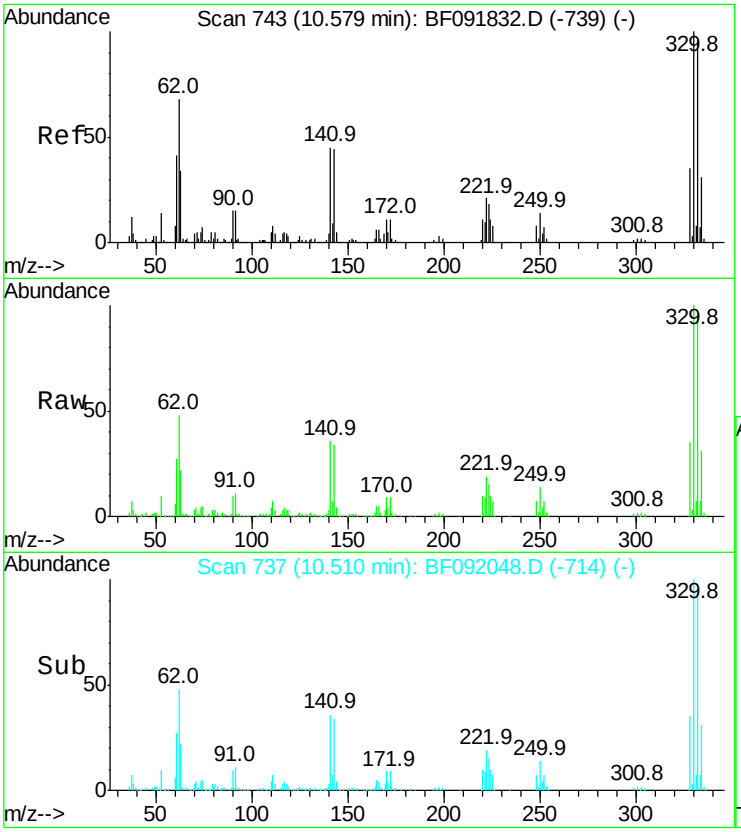


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Tgt Ion:164 Resp: 459643

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	45.3	36.9	55.3



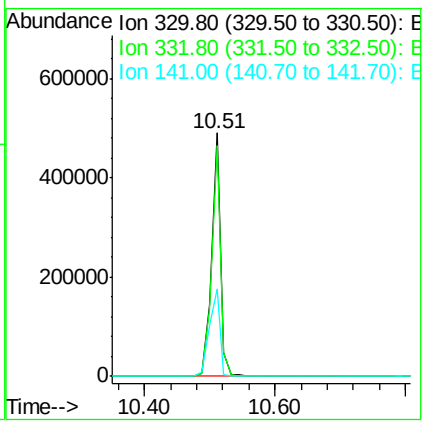


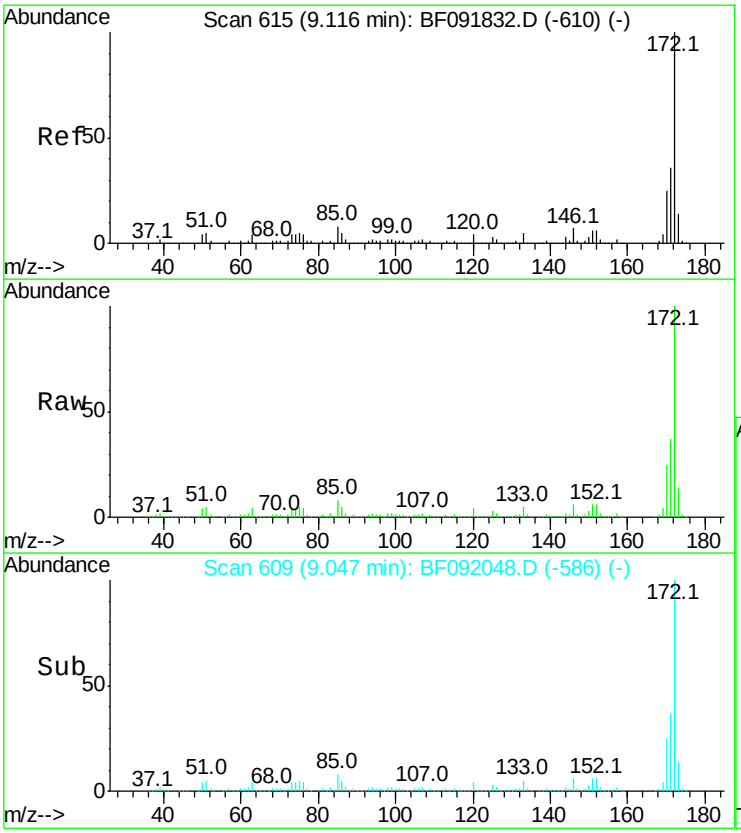
#41
2,4,6-Tribromophenol
Concen: 126.22 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.03 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 480145

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.2
141	42.0	34.1	51.1

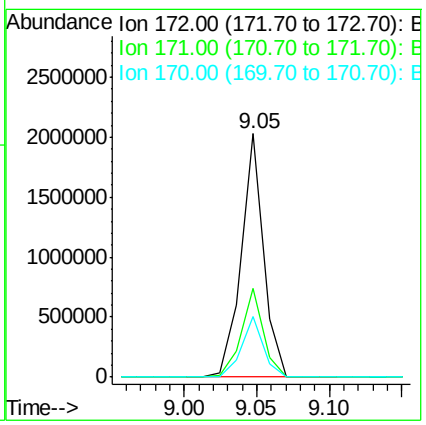


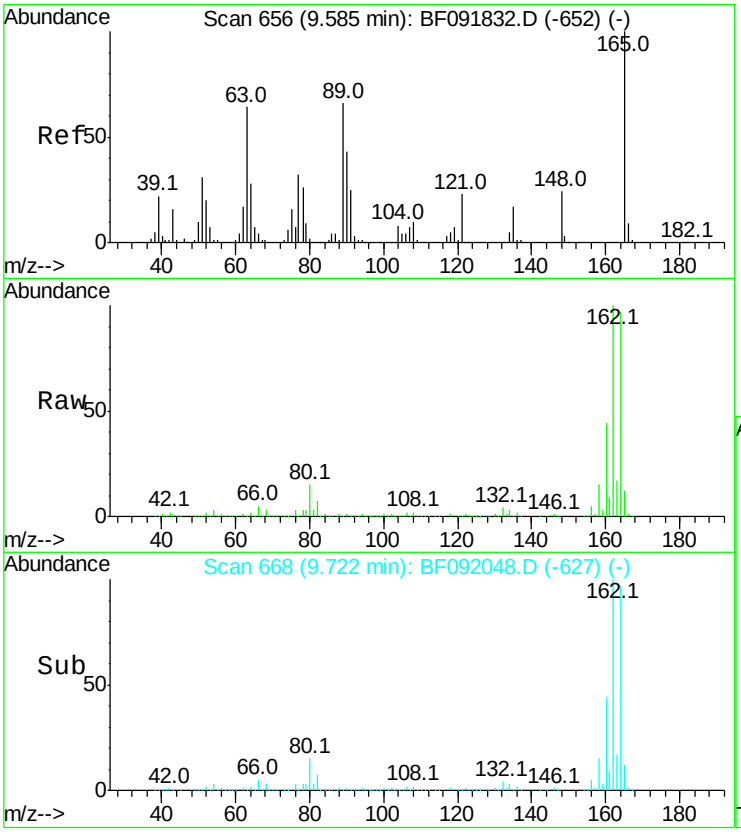


#44
2-Fluorobiphenyl
Concen: 98.88 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Tgt Ion:172 Resp: 2170895

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	25.1	20.2	30.4



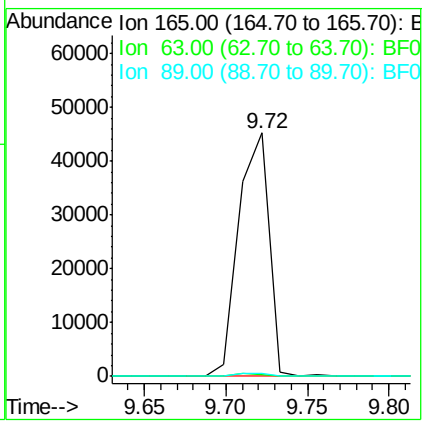


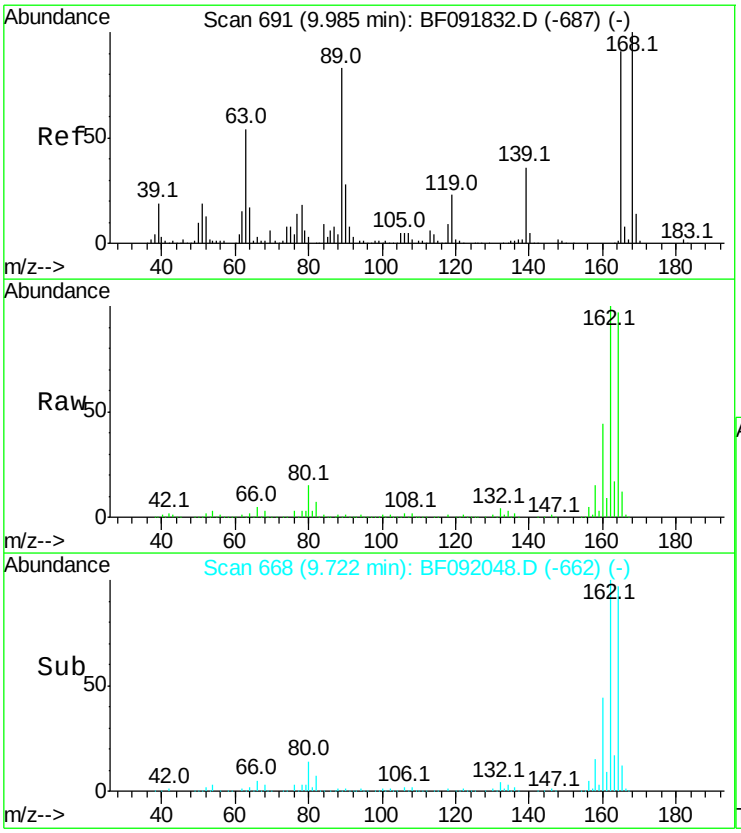
#50
2,6-Dinitrotoluene
Concen: 9.04 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.17 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 58181

Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.2	54.4#
89	1.0	40.2	60.4#

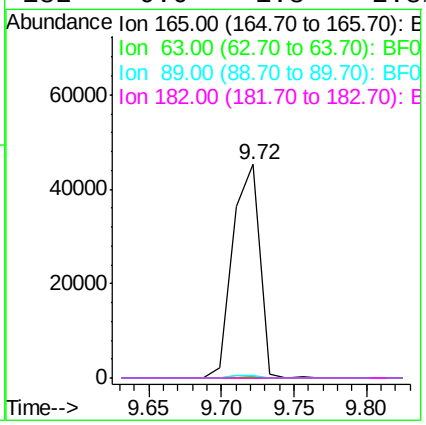


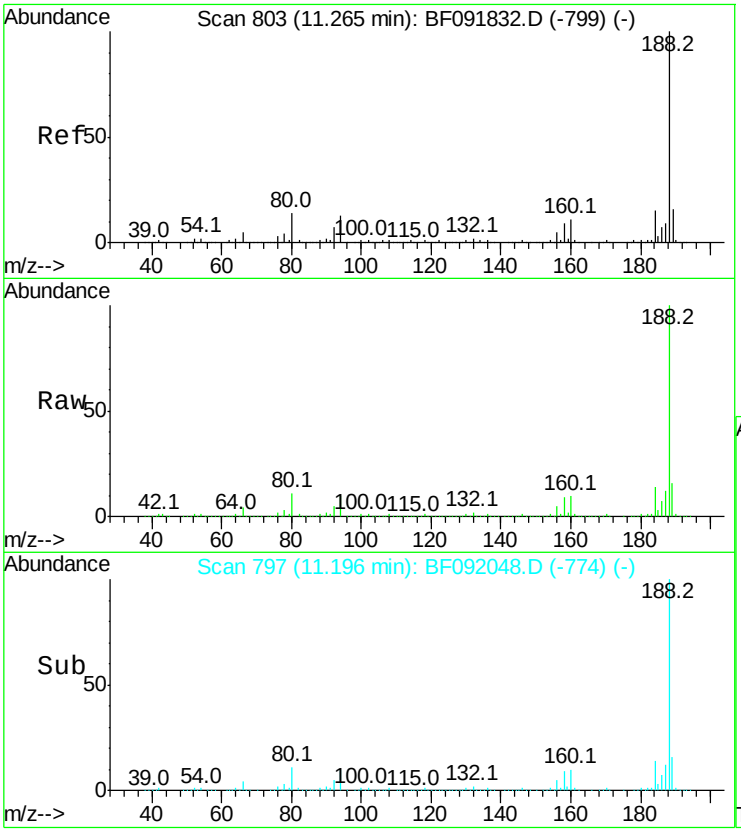


#56
2,4-Dinitrotoluene
Concen: 7.20 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.23 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Tgt Ion:165 Resp: 58172

Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#



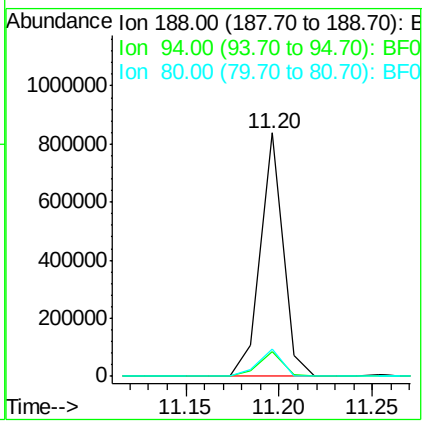


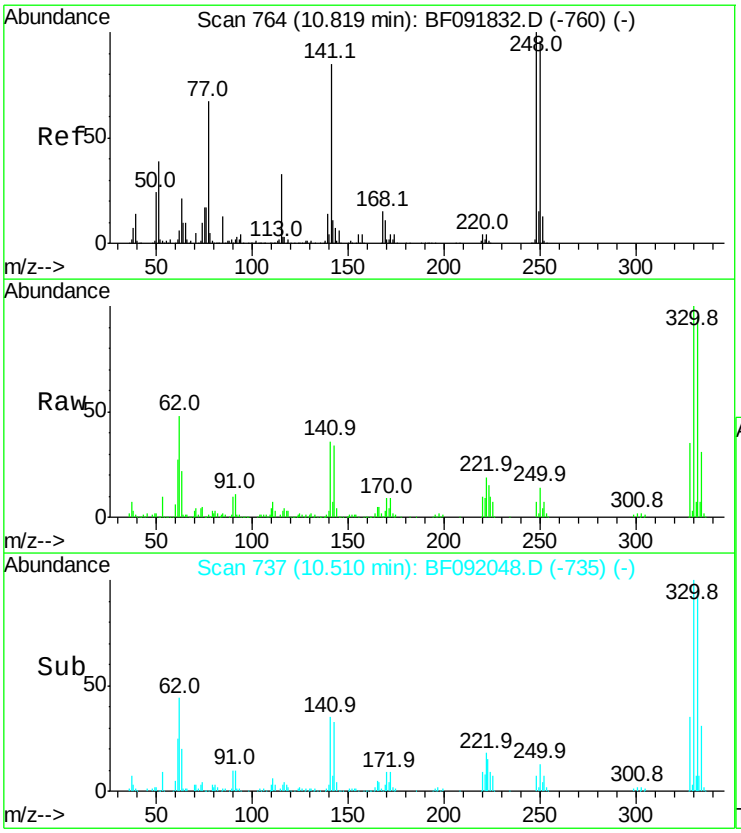
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 702181

Ion	Ratio	Lower	Upper
188	100		
94	10.2	10.0	15.0
80	11.0	11.2	16.8#

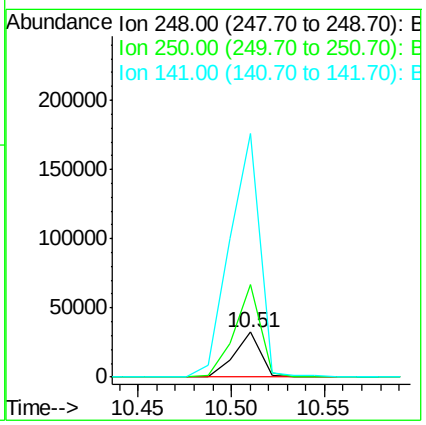


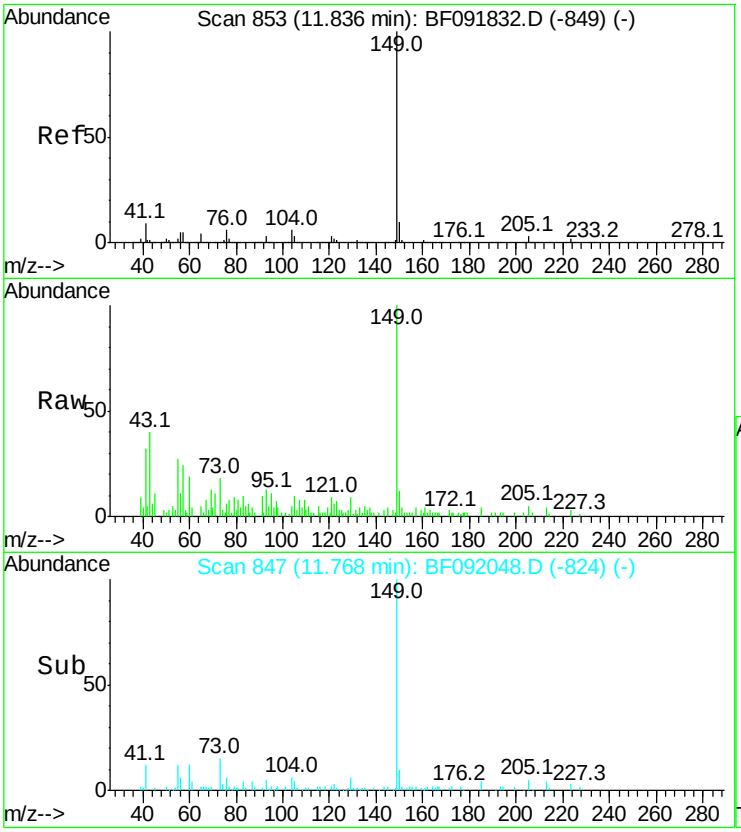


#66
4-Bromophenyl-phenylether
Concen: 4.43 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.27 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Tgt Ion:248 Resp: 32387

Ion	Ratio	Lower	Upper
248	100		
250	206.2	76.9	115.3#
141	545.0	68.2	102.4#



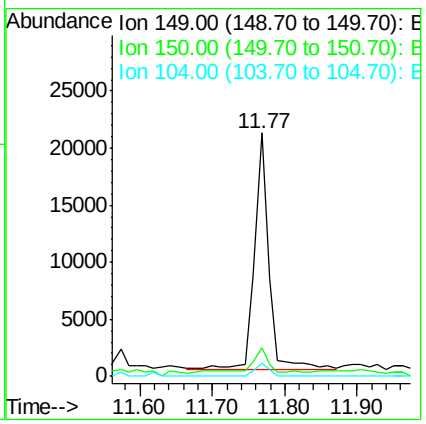


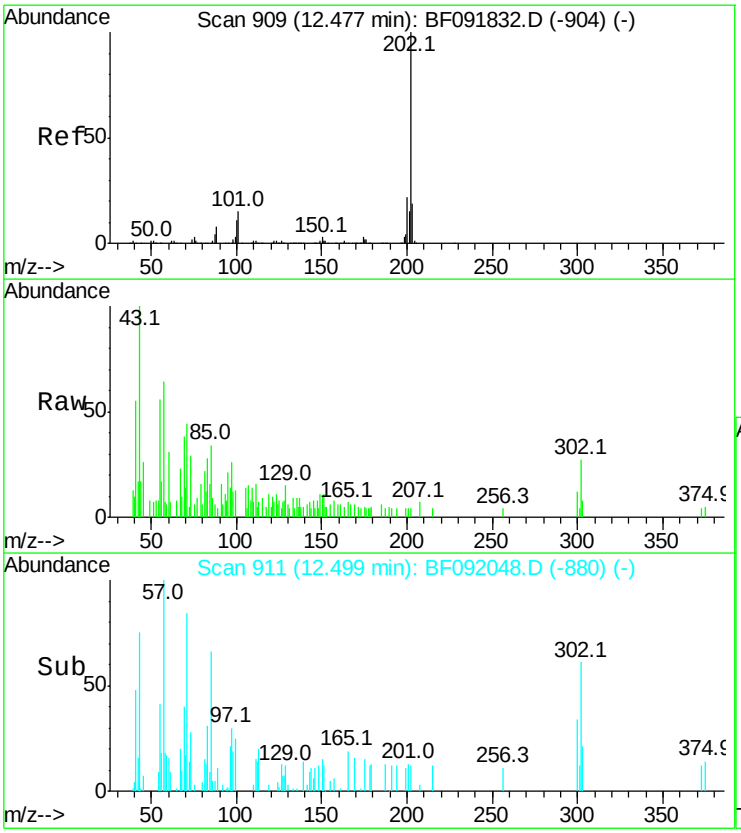
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.77 min Scan# 847
Delta R.T. -0.03 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 28613

Ion	Ratio	Lower	Upper
149	100		
150	11.6	8.1	12.1
104	5.5	4.6	7.0

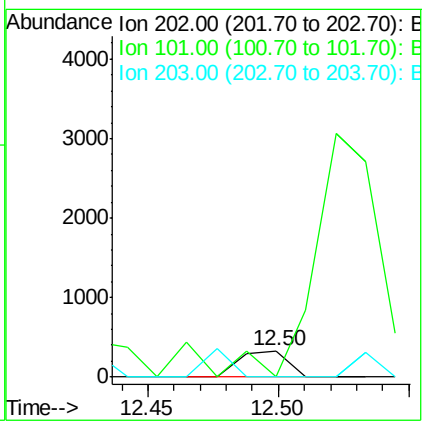


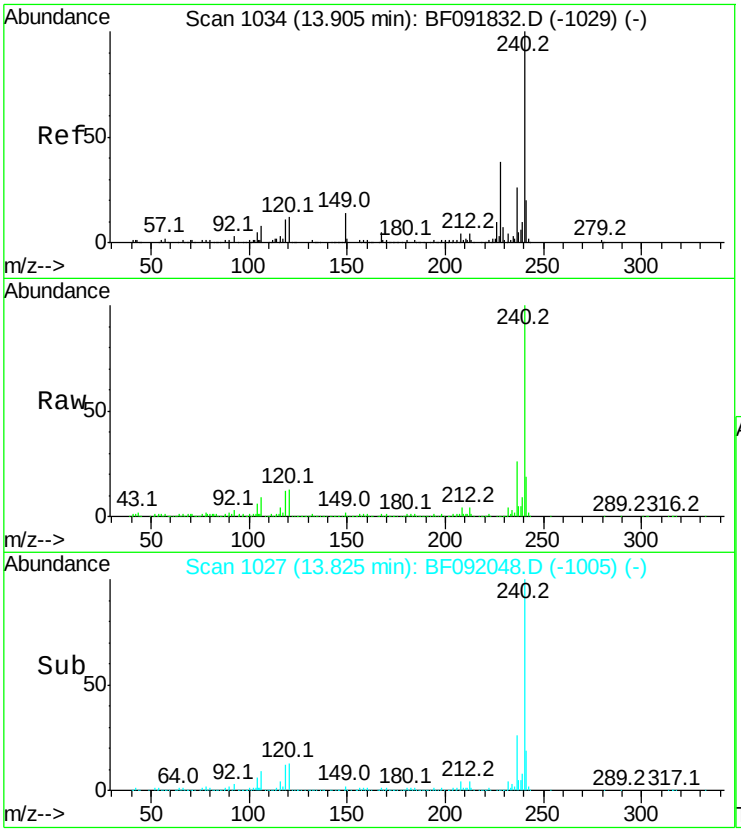


#74
Fluoranthene
Concen: Below Cal
RT: 12.50 min Scan# 911
Delta R.T. 0.06 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Tgt Ion:202 Resp: 434

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



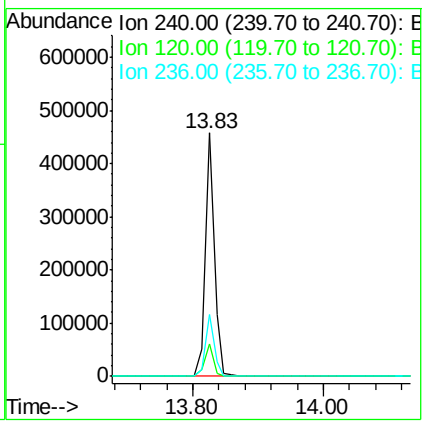


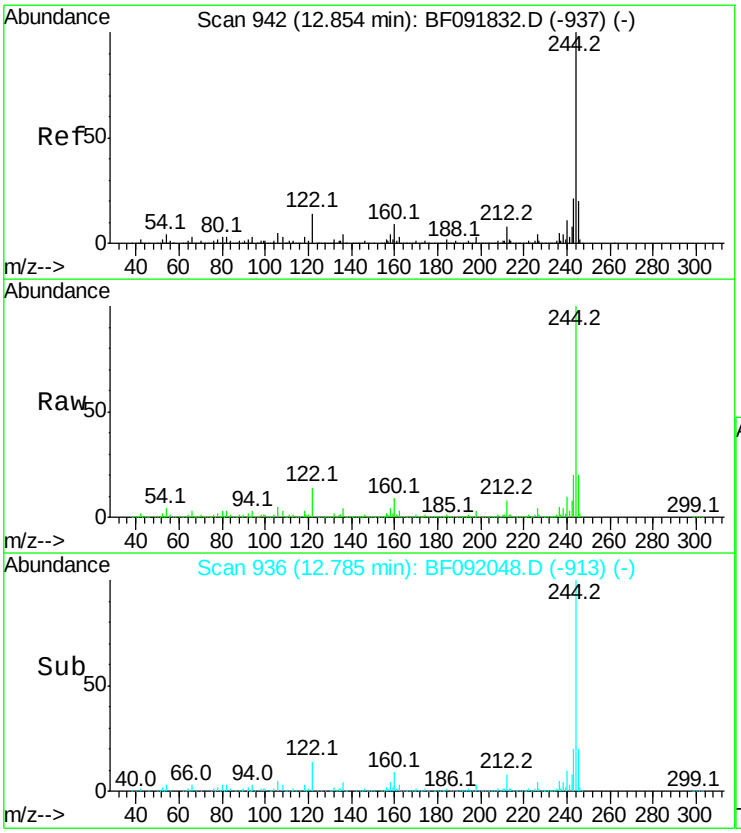
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 440778

Ion	Ratio	Lower	Upper
240	100		
120	13.3	12.9	19.3
236	25.6	20.9	31.3

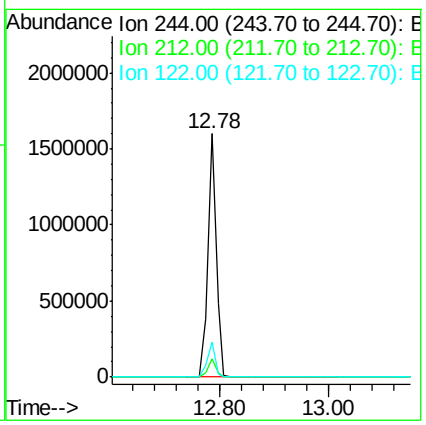


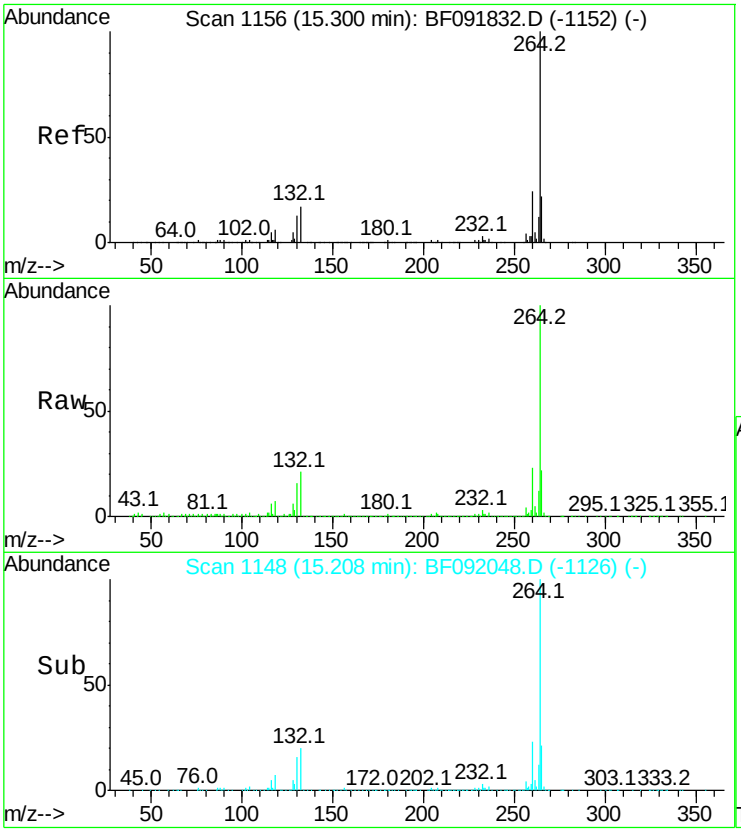


#78
Terphenyl-d14
Concen: 94.35 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Tgt Ion:244 Resp: 1714731

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.3	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.05 min
Lab File: BF092048.D
Acq: 30 Dec 2016 15:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 543056

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.4	26.0