Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101076.D
Acq On : 1 Dec 2017 21:05
Operator : SJ/JU
Sample : I6622-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1B-4-9

Quant Time: Dec 01 21:54:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52014	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	193458	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	82982	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	125951	20.00	ng		0.00
75) Chrysene-d12	14.02	240	119074	20.00	ng		0.00
86) Perylene-d12	15.49	264	103813	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	405912	128.96	ng		0.02
7) Phenol-d6	6.50	99	484873	126.88	ng		0.02
23) Nitrobenzene-d5	7.42	82	289409	89.24	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	91622	91.91	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	567187	93.52	ng		0.00
78) Terphenyl-d14	12.96	244	400008	73.48	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	8622	3.686	ng		87
10) Phenol	6.51	94	13565	3.192	ng	#	35
19) n-Nitroso-di-n-propylamine	7.42	70	38322	14.890	ng	#	79
25) Isophorone	7.42	82	289403	52.244	ng	#	64
49) Dimethylphthalate	9.60	163	34085	5.093	ng		99
50) 2,6-Dinitrotoluene	9.89	165	10623	7.536	ng	#	26
53) 2,4-Dinitrophenol	10.18	184	223	5.116	ng	#	1
56) 2,4-Dinitrotoluene	9.89	165	10623	5.623	ng	#	23
66) 4-Bromophenyl-phenylether	10.67	248	5723	4.059	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
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Acq On : 1 Dec 2017 21:05
Operator : SJ/JU
Sample : I6622-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
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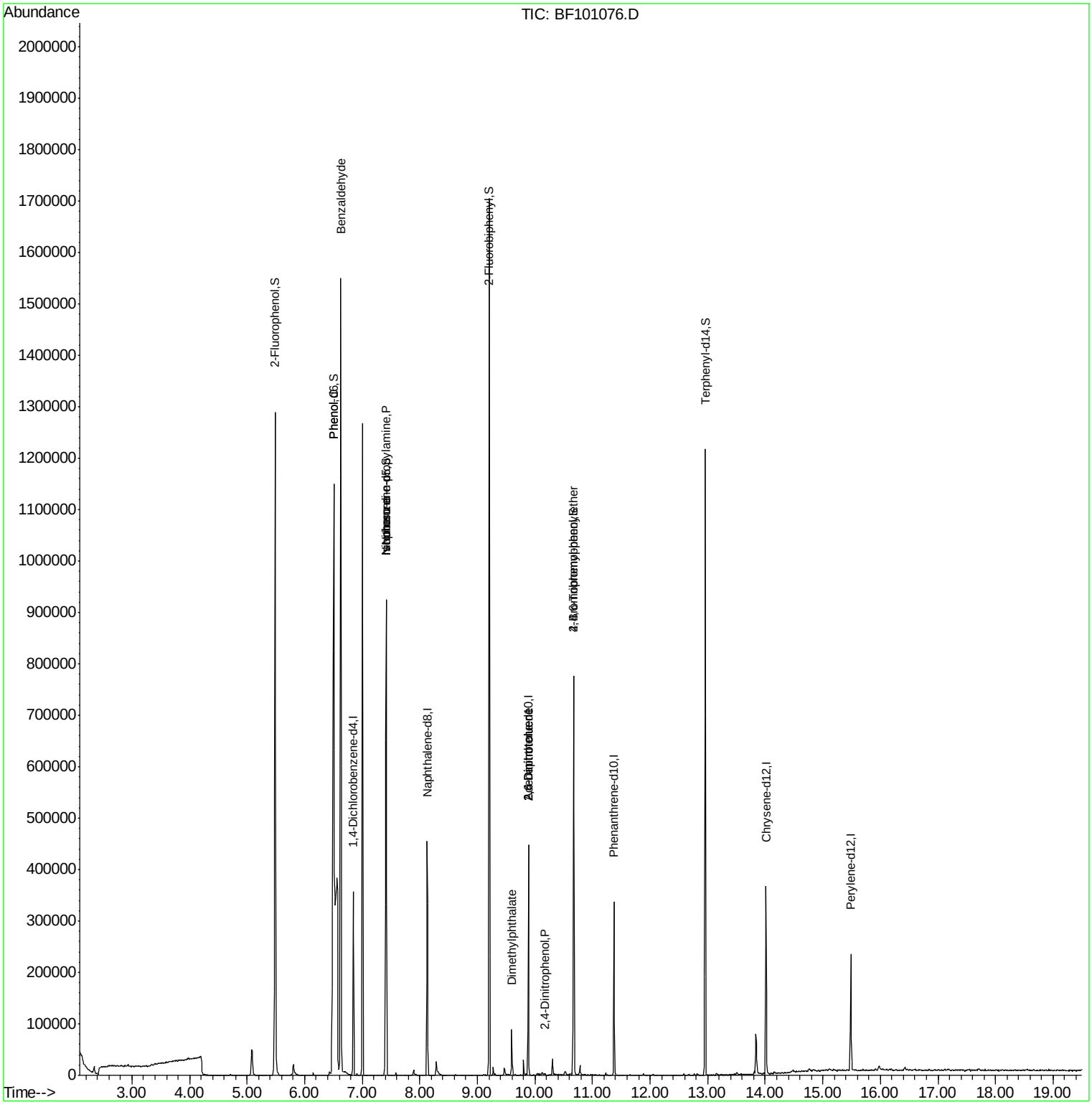
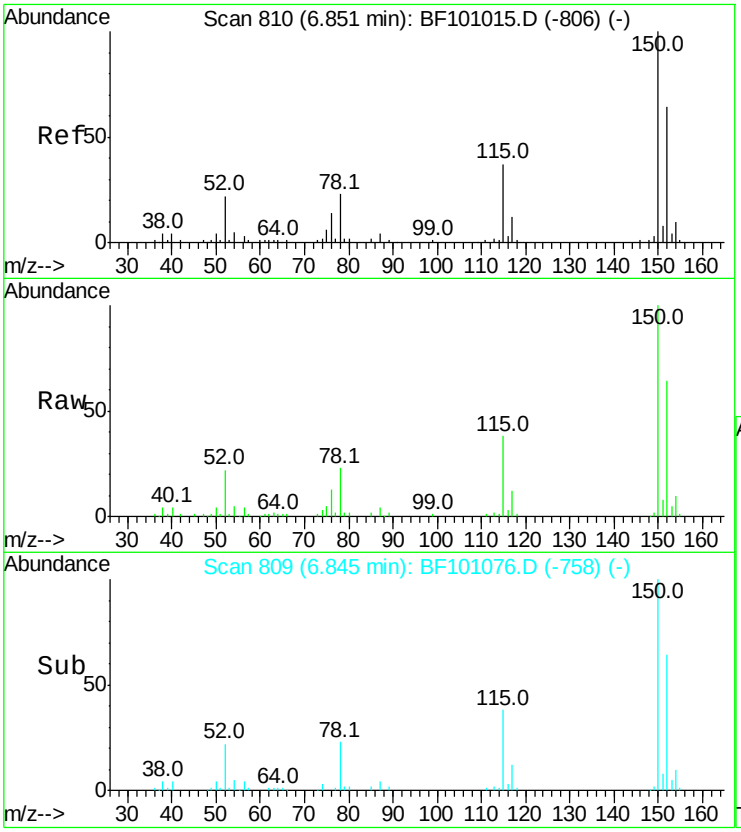
Quant Time: Dec 01 21:54:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration



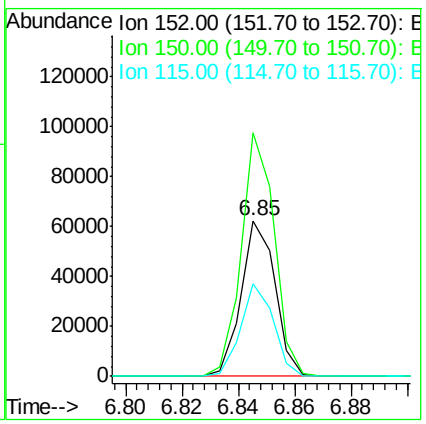


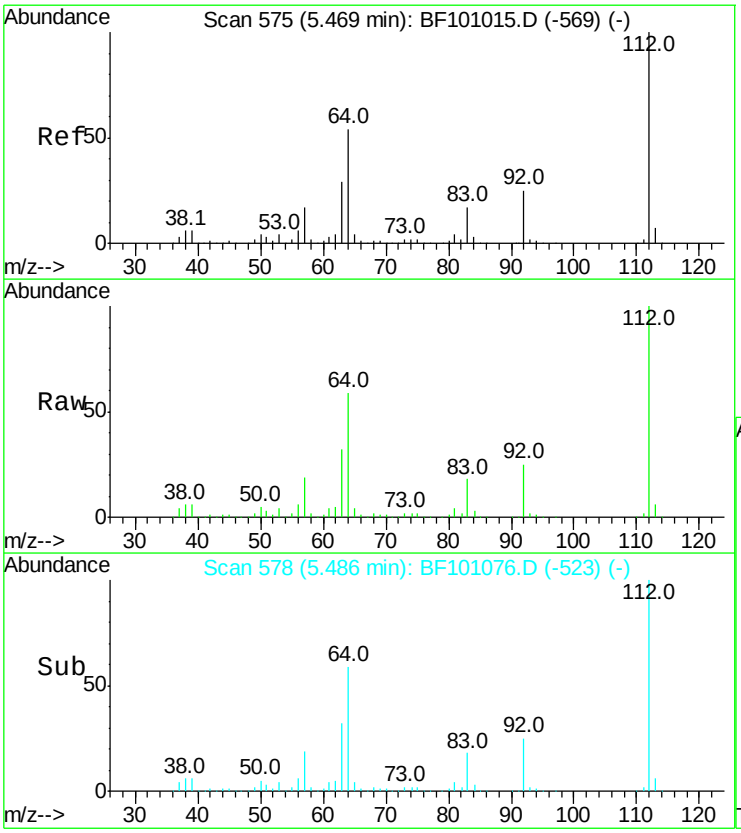
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9

Tgt Ion:152 Resp: 52014

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	59.9	50.1	75.1

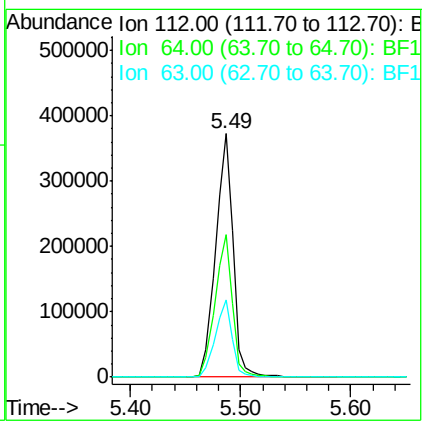


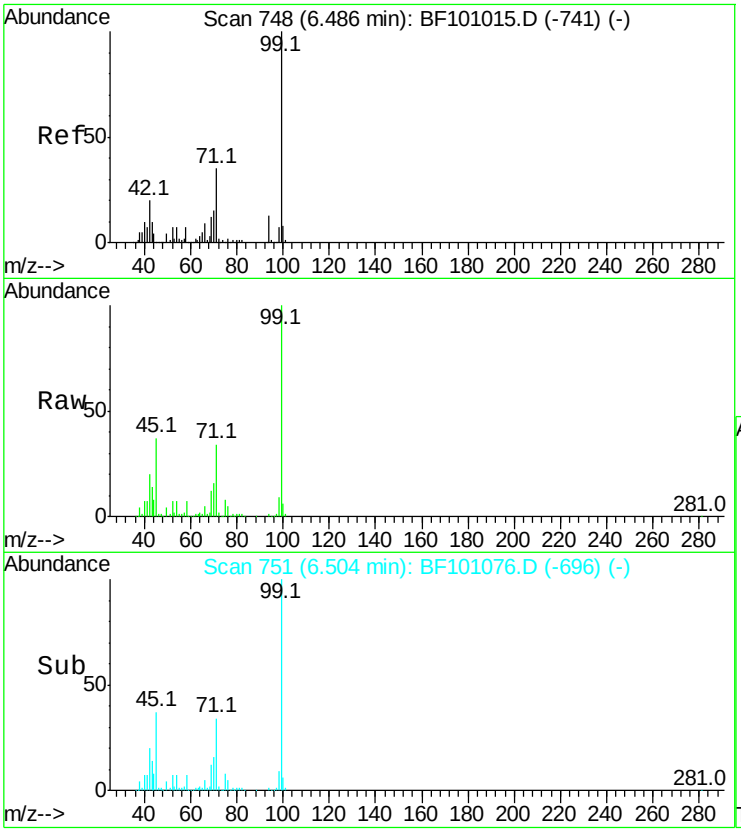


#5
2-Fluorophenol
Concen: 128.955 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Tgt Ion:112 Resp: 405912

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	31.8	23.7	35.5



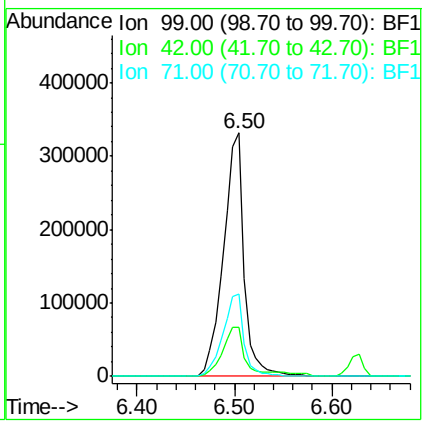


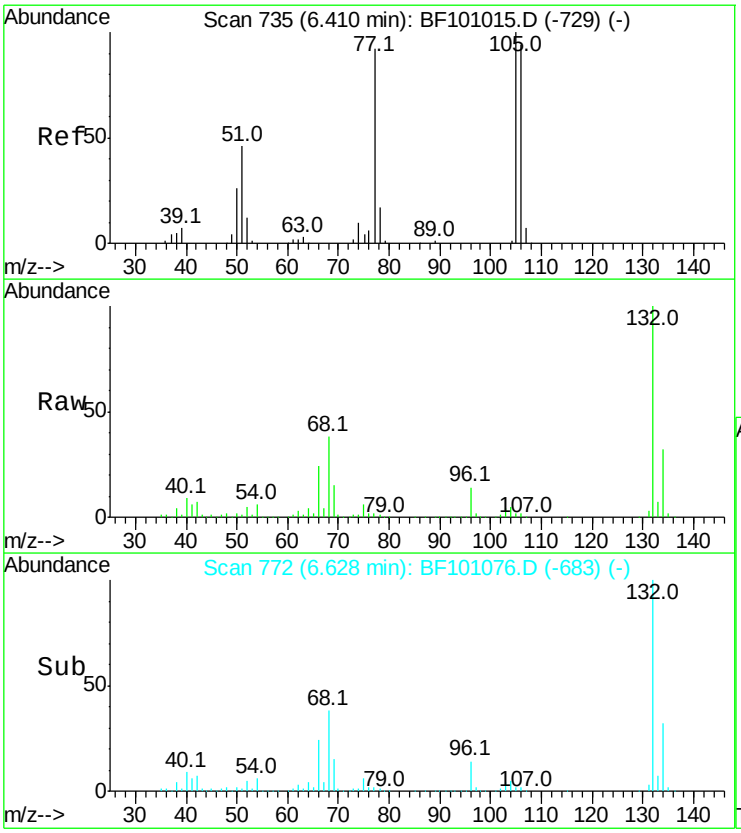
#7
Phenol-d6
Concen: 126.876 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.02 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9

Tgt Ion: 99 Resp: 484873

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	33.6	25.4	38.0

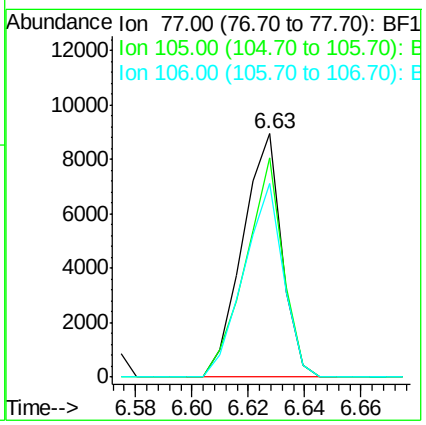


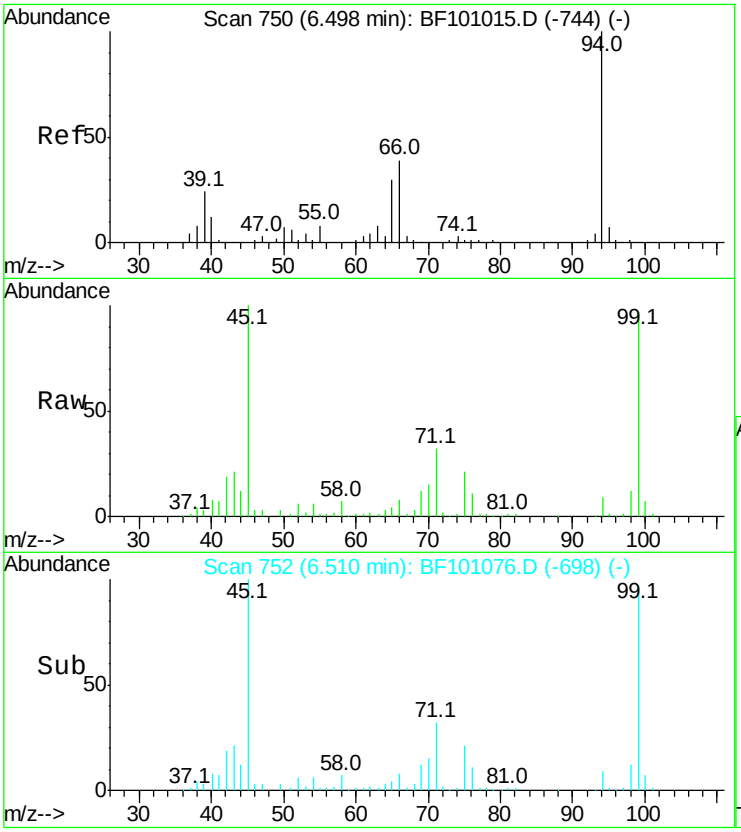


#9
Benzaldehyde
Concen: 3.686 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.22 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Tgt Ion: 77 Resp: 8622

Ion	Ratio	Lower	Upper
77	100		
105	90.0	81.1	121.1
106	79.8	74.5	114.5



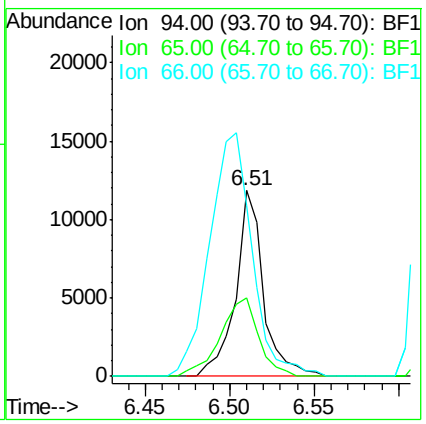


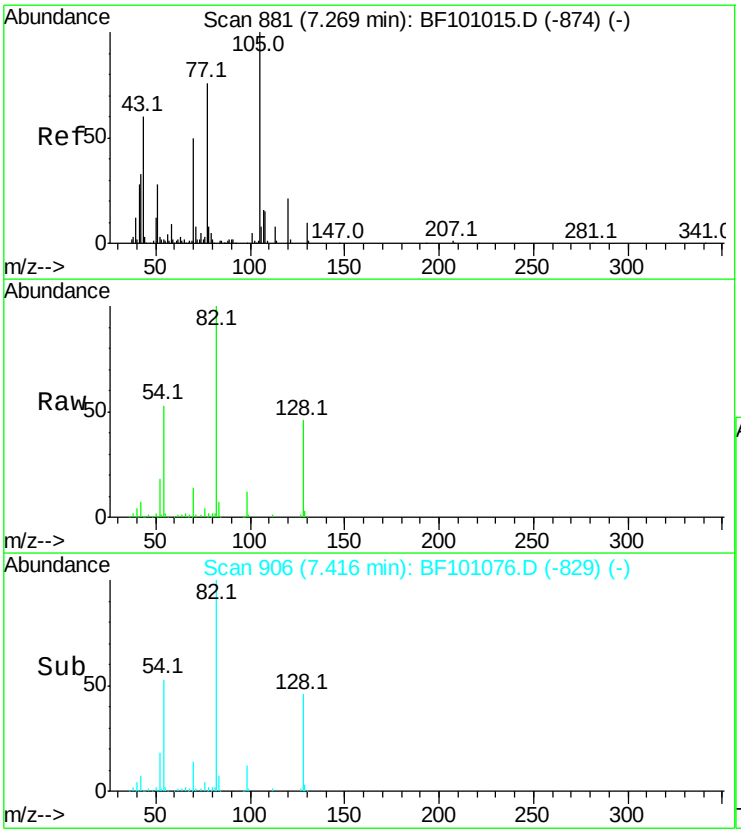
#10
Phenol
Concen: 3.192 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.02 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9

Tgt Ion: 94 Resp: 13565

Ion	Ratio	Lower	Upper
94	100		
65	42.6	7.9	47.9
66	91.7	16.2	56.2#

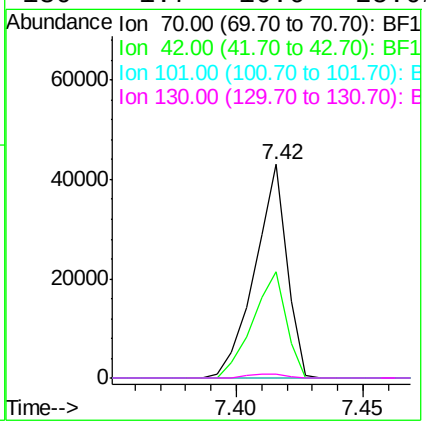


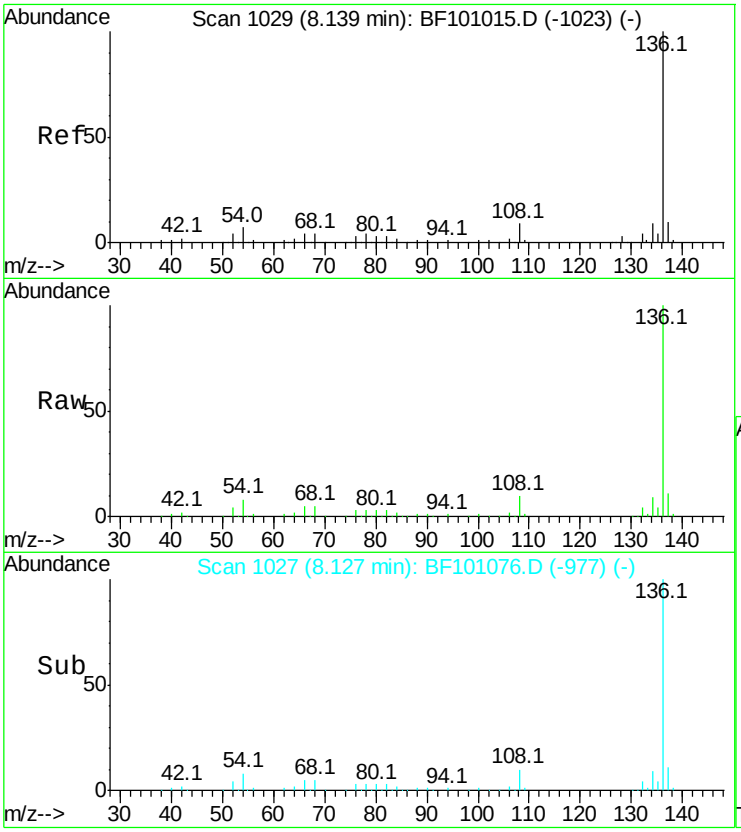


#19
n-Nitroso-di-n-propylamine
Concen: 14.890 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Tgt Ion: 70 Resp: 38322

Ion	Ratio	Lower	Upper
70	100		
42	49.7	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#



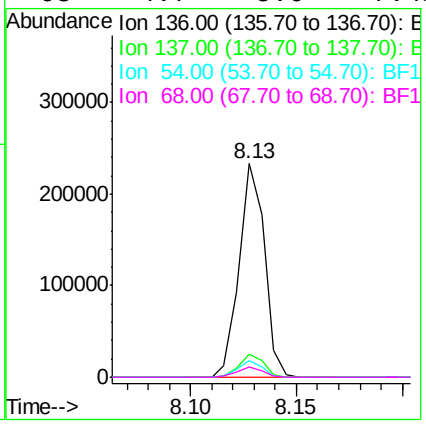


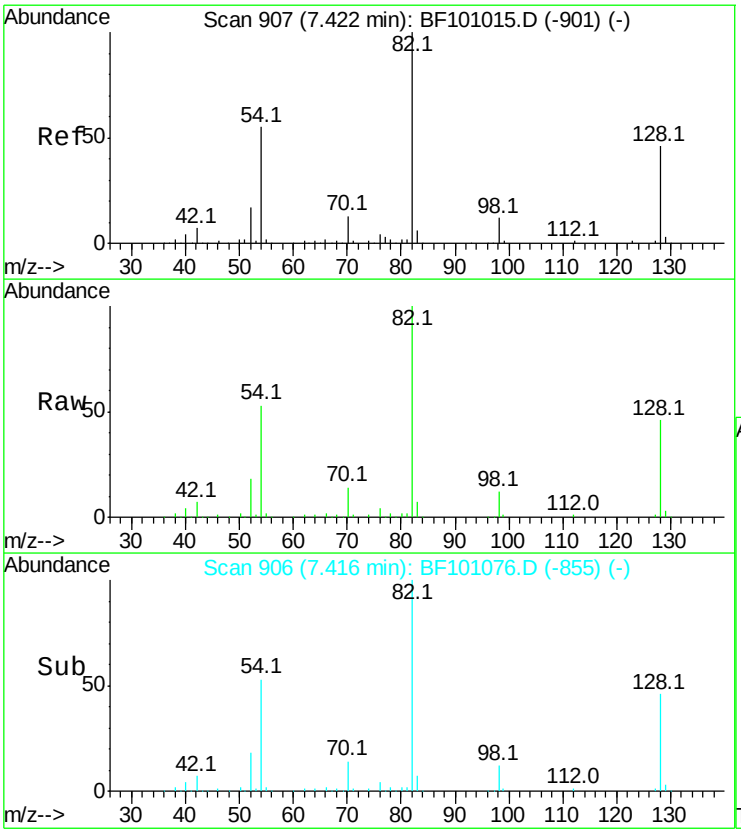
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Instrument : BNA_F
ClientSampleId : DBWW1B-4-9

Tgt Ion:136 Resp: 193458

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.6	9.8
68	4.7	5.0	7.4#

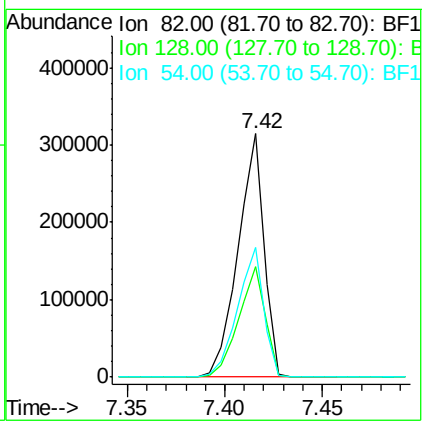


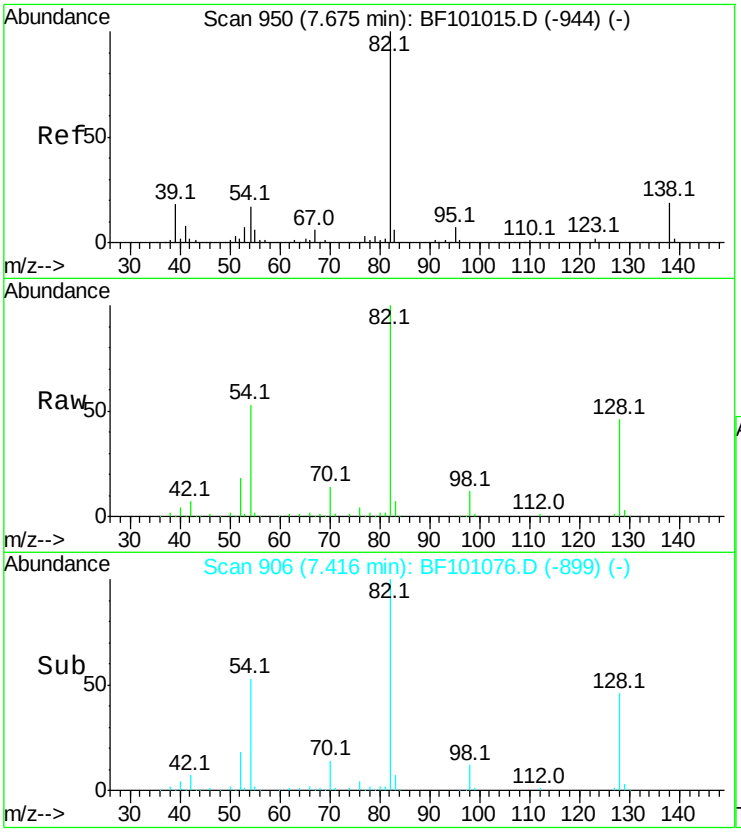


#23
Nitrobenzene-d5
Concen: 89.240 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Tgt Ion: 82 Resp: 289409

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	53.0	41.4	62.2



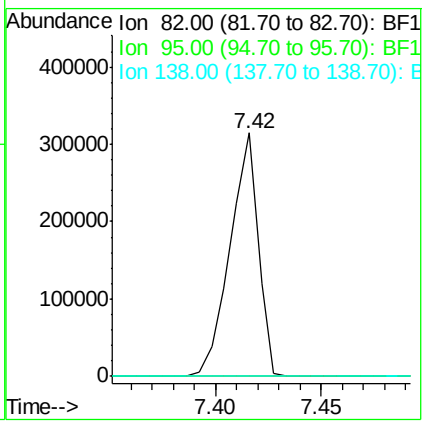


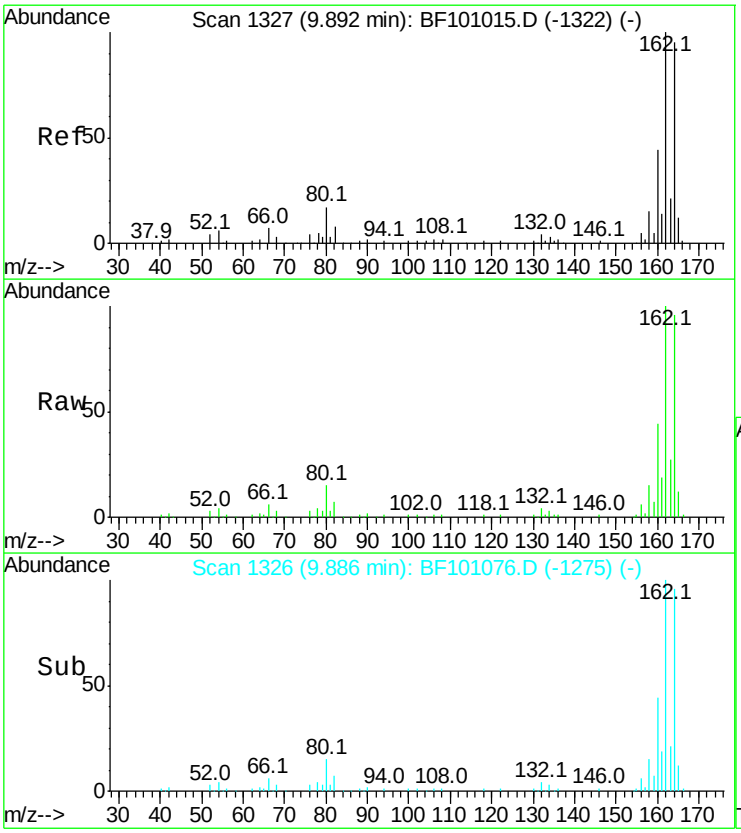
#25
Isophorone
Concen: 52.244 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9

Tgt Ion: 82 Resp: 289403

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

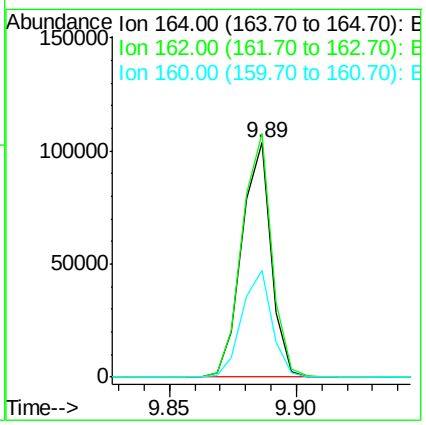


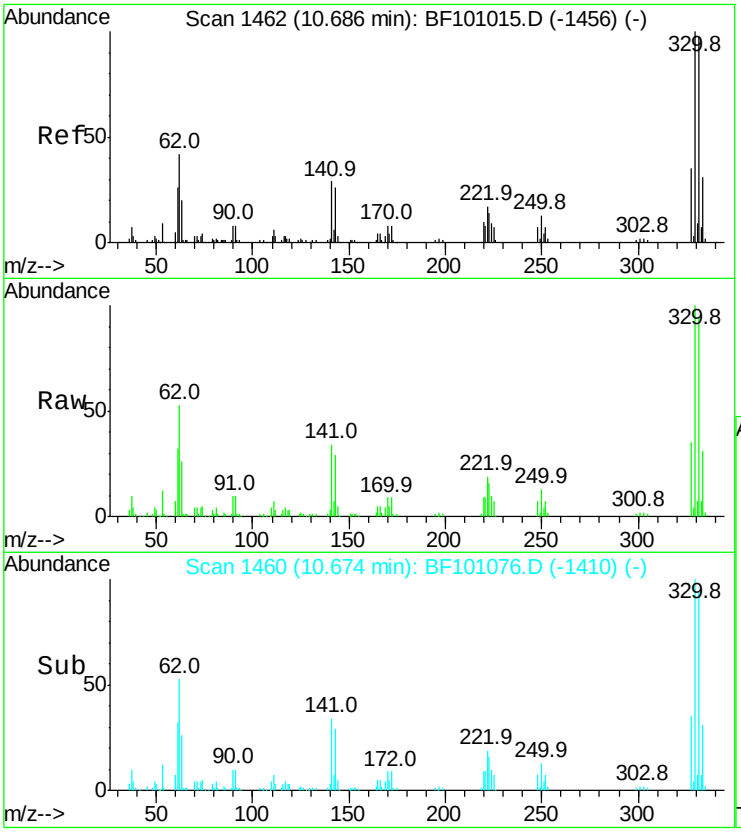


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Tgt Ion:164 Resp: 82982

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.7	38.3	57.5



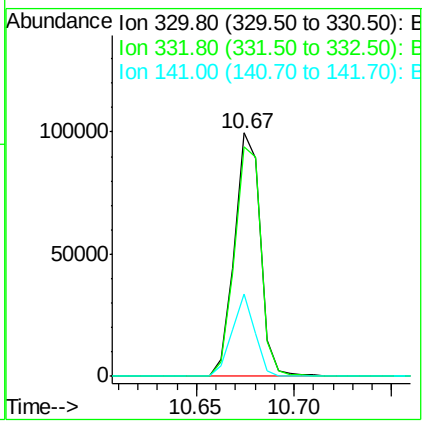


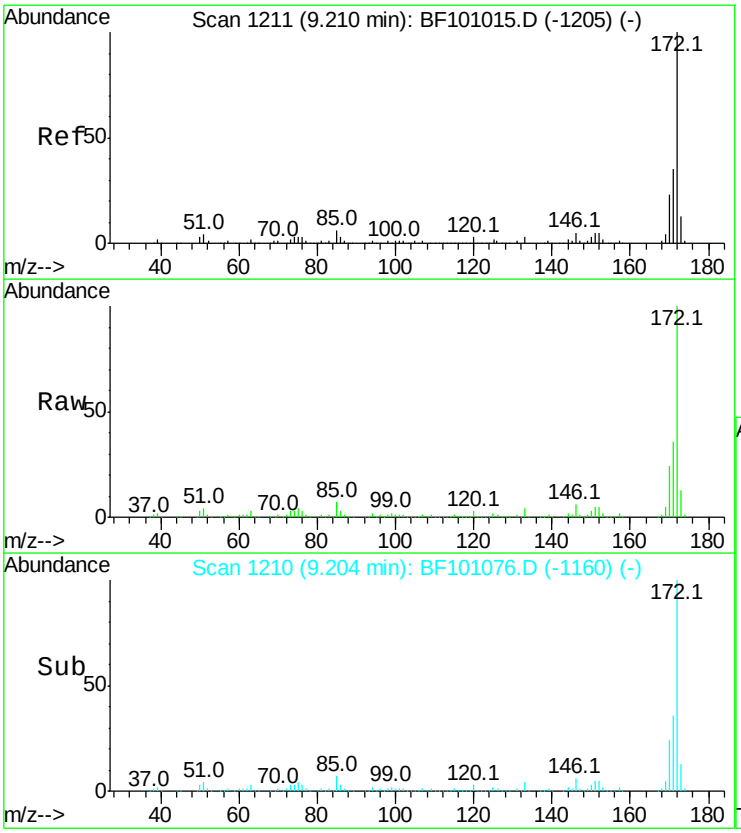
#41
2,4,6-Tribromophenol
Concen: 91.912 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9

Tgt Ion:330 Resp: 91622

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.9	29.9	44.9#

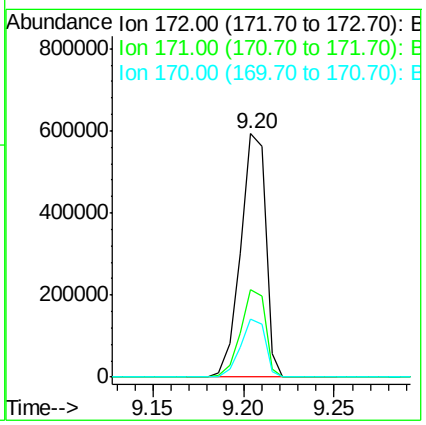


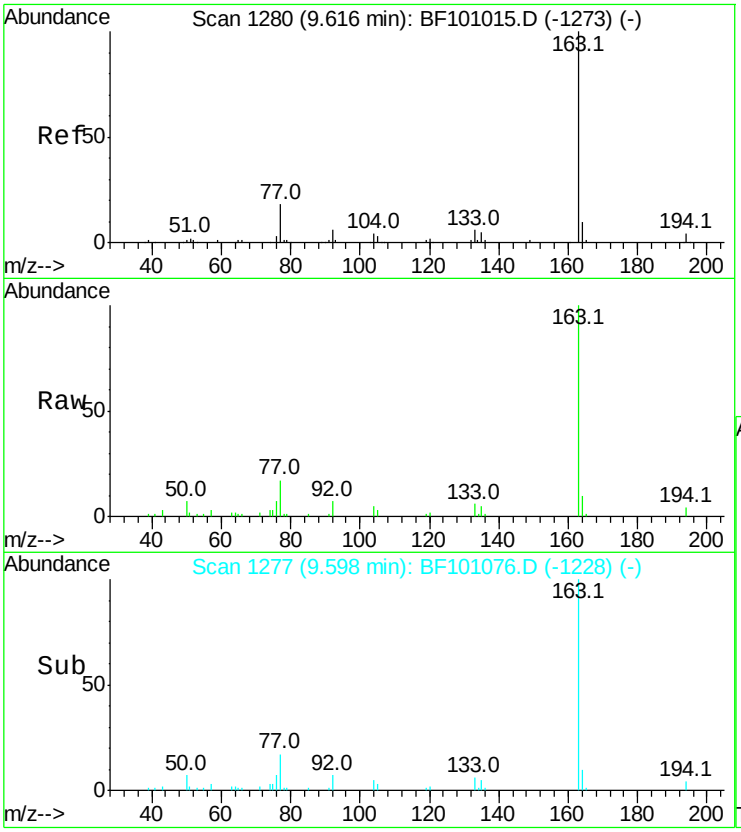


#44
2-Fluorobiphenyl
Concen: 93.517 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Tgt Ion:172 Resp: 567187

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	19.6	29.4



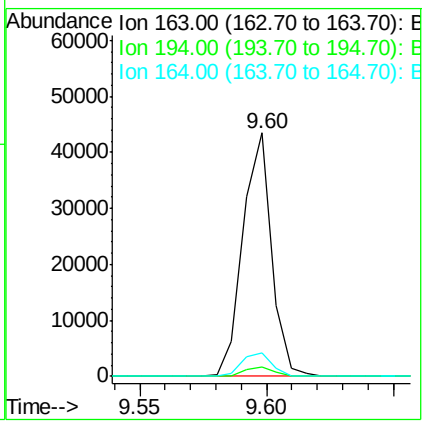


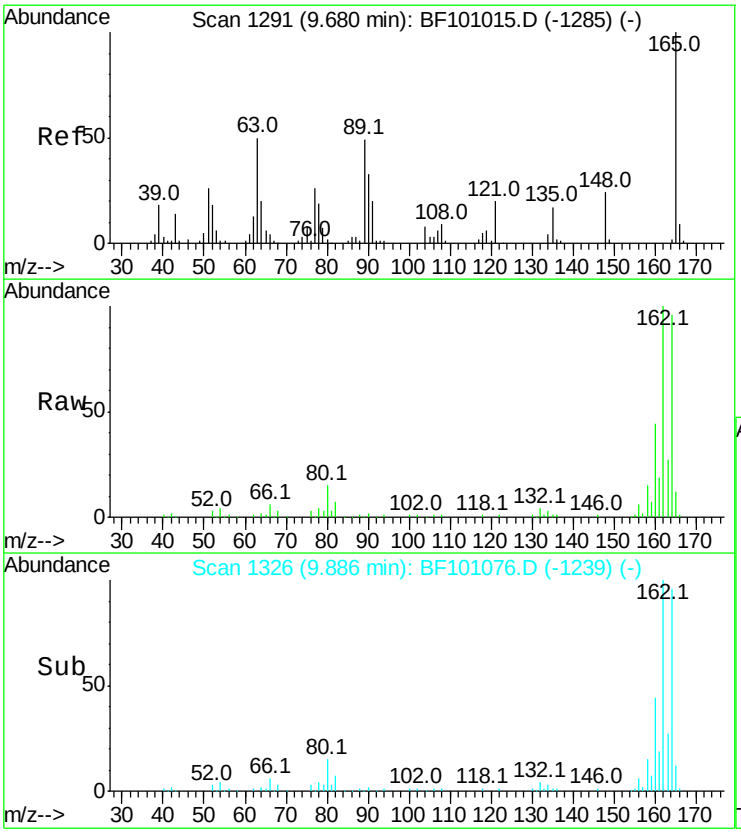
#49
Dimethylphthalate
Concen: 5.093 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9

Tgt Ion:163 Resp: 34085

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2

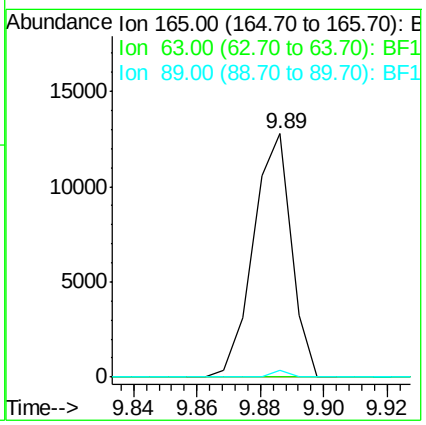


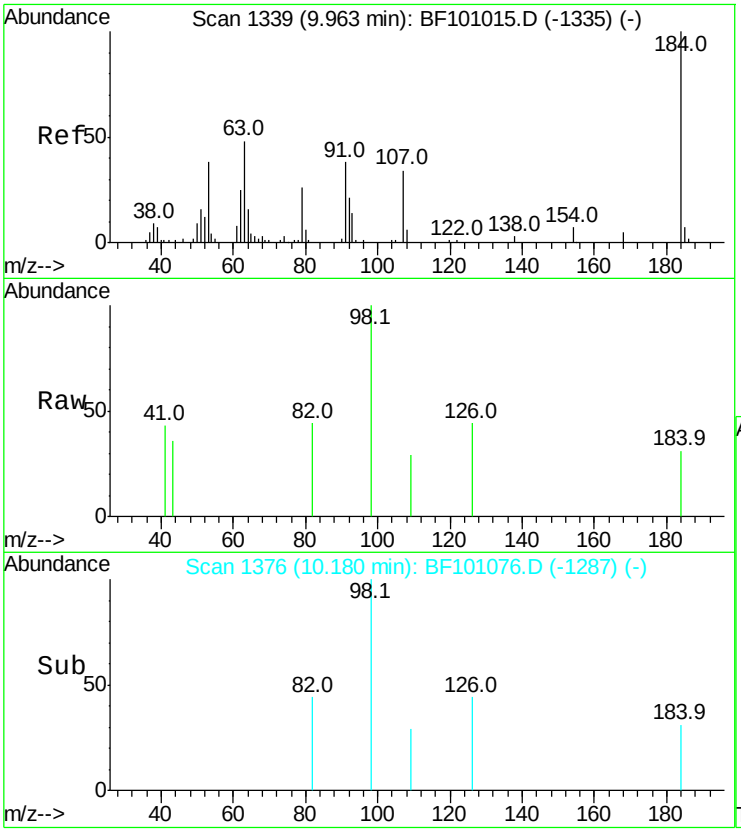


#50
2,6-Dinitrotoluene
Concen: 7.536 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Tgt Ion:165 Resp: 10623

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.8	44.0	66.0#



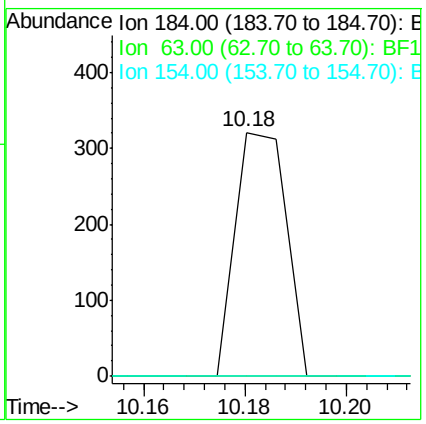


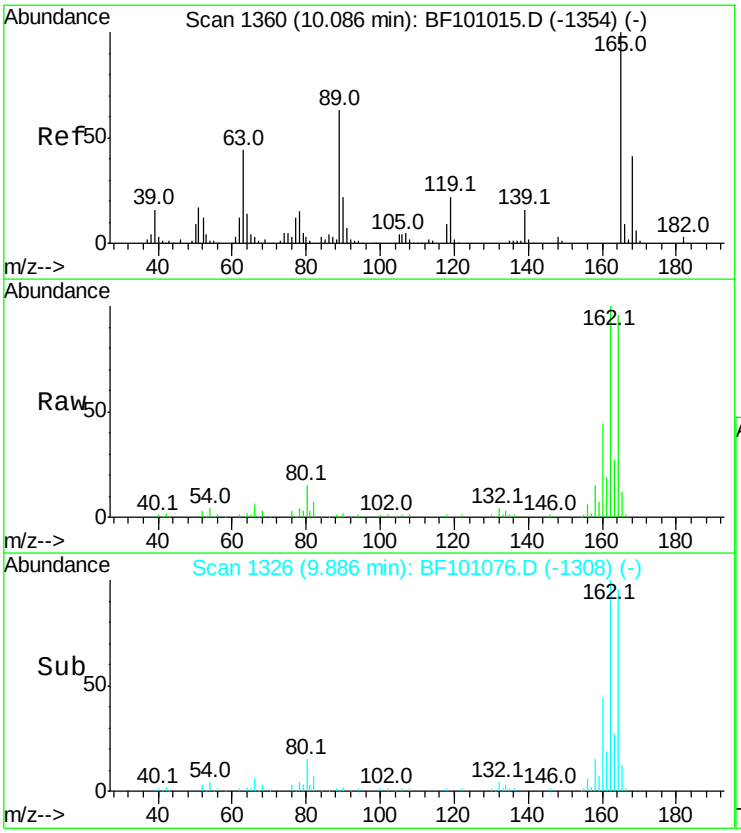
#53
2,4-Dinitrophenol
Concen: 5.116 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.22 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9

Tgt Ion:184 Resp: 223

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#

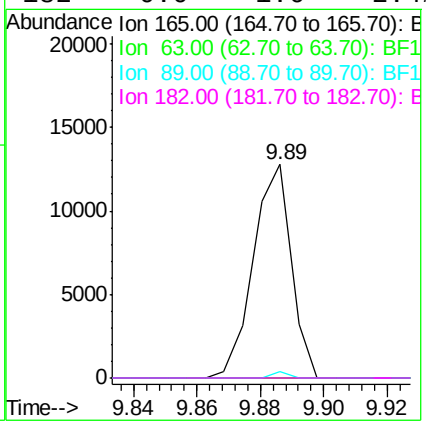


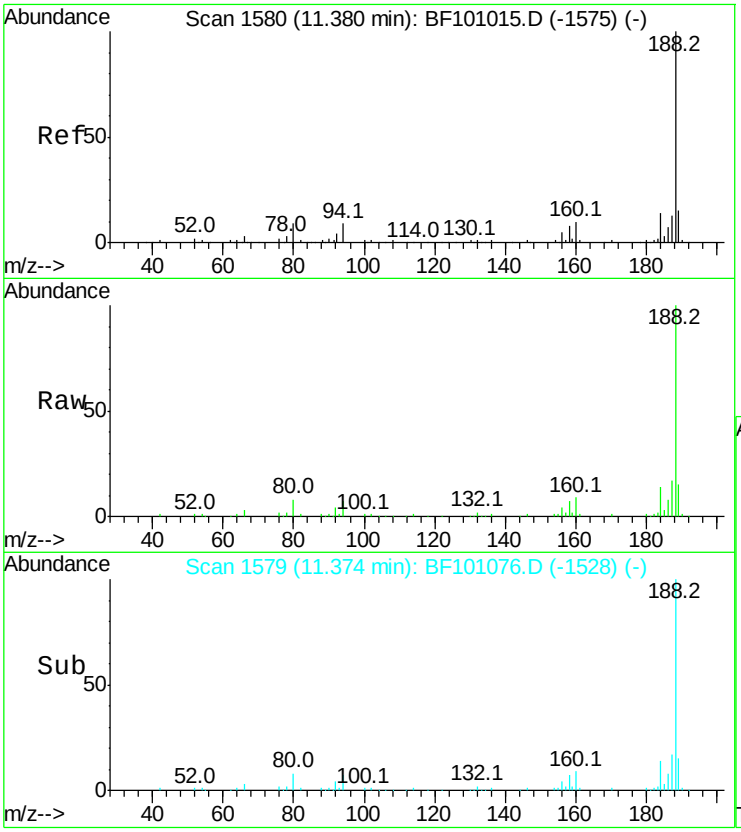


#56
2,4-Dinitrotoluene
Concen: 5.623 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Tgt Ion:165 Resp: 10623

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.8	57.8	86.6#
182	0.0	1.6	2.4#



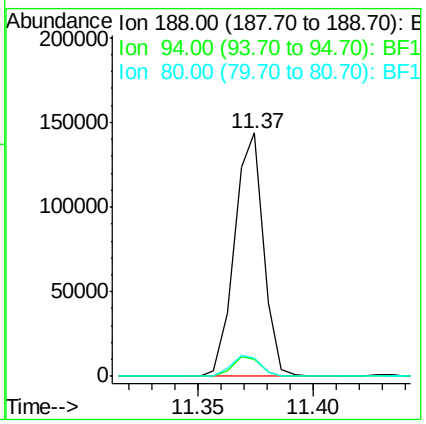


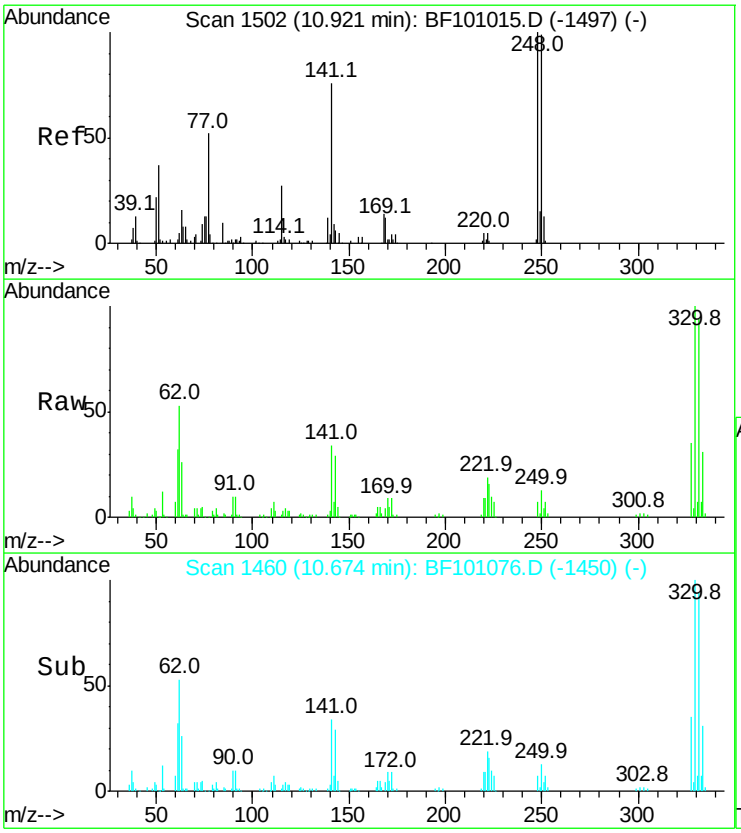
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9

Tgt Ion:188 Resp: 125951

Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.5	12.7#
80	7.6	9.2	13.8#

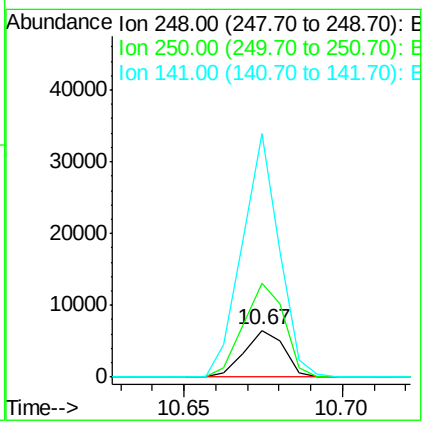


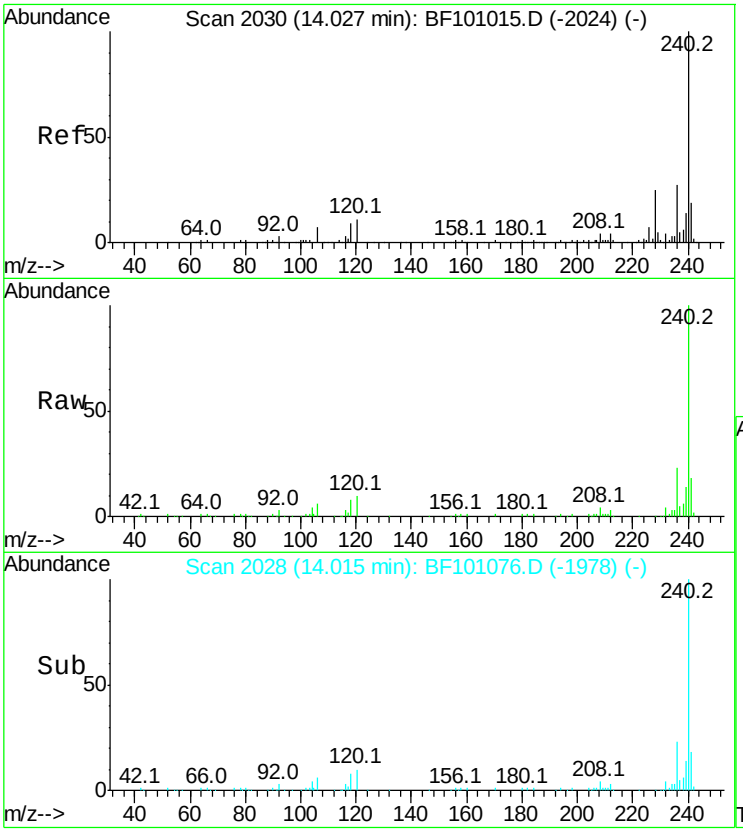


#66
4-Bromophenyl-phenylether
Concen: 4.059 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Tgt Ion:248 Resp: 5723

Ion	Ratio	Lower	Upper
248	100		
250	198.5	76.9	115.3#
141	518.1	74.4	111.6#



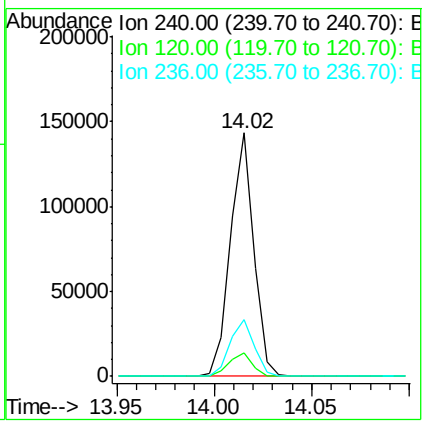


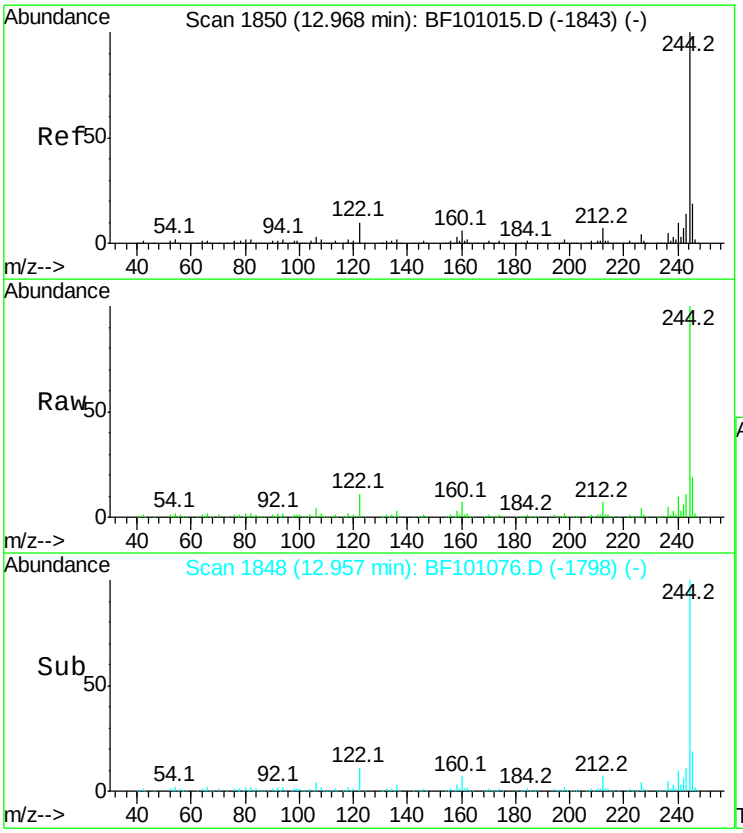
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9

Tgt Ion:240 Resp: 119074

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	23.3	20.7	31.1

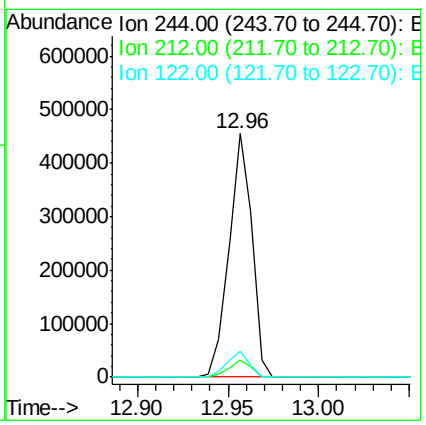


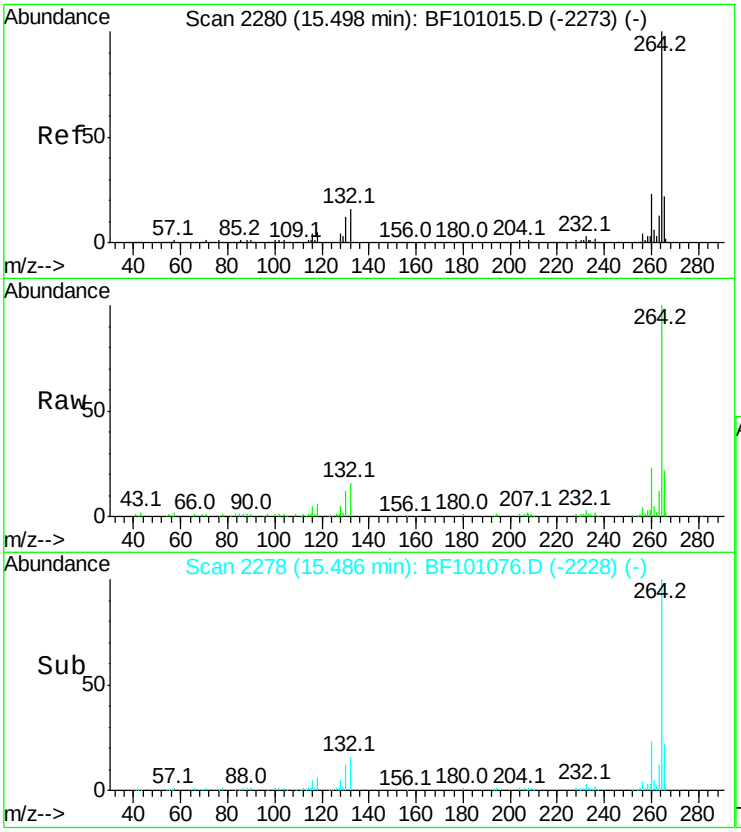


#78
Terphenyl-d14
Concen: 73.477 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Tgt Ion:244 Resp: 400008

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF101076.D
Acq: 1 Dec 2017 21:05

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9

Tgt Ion:264 Resp: 103813

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.7	17.5	26.3