Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101935.D
Acq On : 5 Jan 2018 17:42
Operator : SJ/JU
Sample : J1012-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 05 21:39:07 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 12:29:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	129583	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	466373	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	169816	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	268287	20.00	ng		0.00
75) Chrysene-d12	13.96	240	264810	20.00	ng		0.00
86) Perylene-d12	15.43	264	206288	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1043199	119.92	ng		0.01
7) Phenol-d6	6.43	99	1117003	103.17	ng		0.00
23) Nitrobenzene-d5	7.35	82	817795	97.61	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	172878	105.65	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1123284	102.61	ng		0.00
78) Terphenyl-d14	12.88	244	862263	78.50	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.35	82	817795	48.658	ng	#	64
31) Naphthalene	8.07	128	1817695	77.418	ng		98
32) Benzoic acid	8.07	122	4592	8.801	ng	#	1
33) 4-Chloroaniline	8.07	127	248097	24.312	ng	#	34
37) 2-Methylnaphthalene	8.77	142	72811	4.760	ng		100
50) 2,6-Dinitrotoluene	9.81	165	22714	8.182	ng	#	26
55) 4-Nitrophenol	10.03	139	6486	4.298	ng	#	9
56) 2,4-Dinitrotoluene	9.81	165	22714	7.262	ng	#	24
66) 4-Bromophenyl-phenylether	10.61	248	11745	3.896	ng	#	1

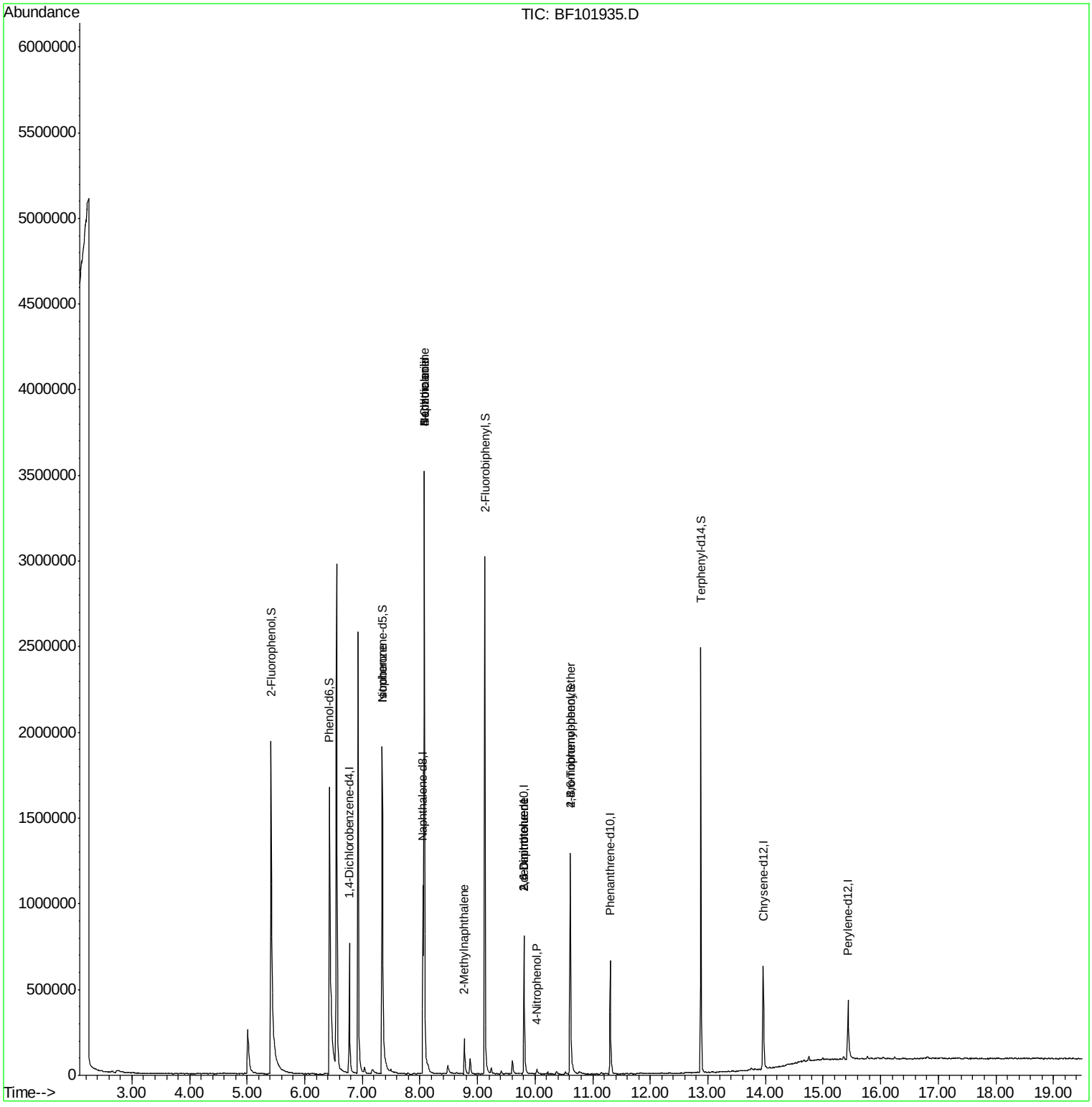
(#) = qualifier out of range (m) = manual integration (+) = signals summed

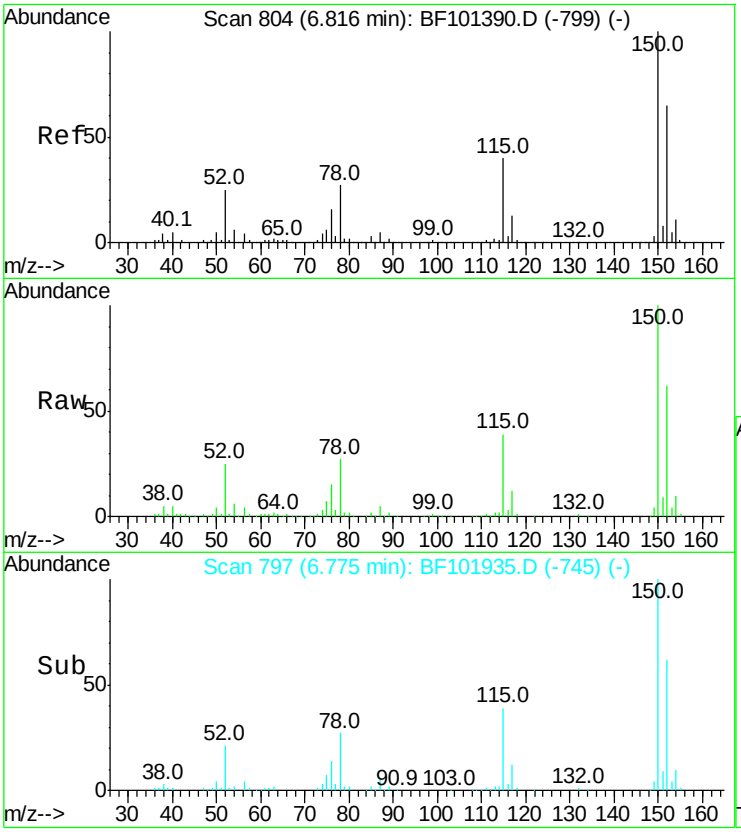
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101935.D
Acq On : 5 Jan 2018 17:42
Operator : SJ/JU
Sample : J1012-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 05 21:39:07 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 12:29:26 2018
Response via : Initial Calibration



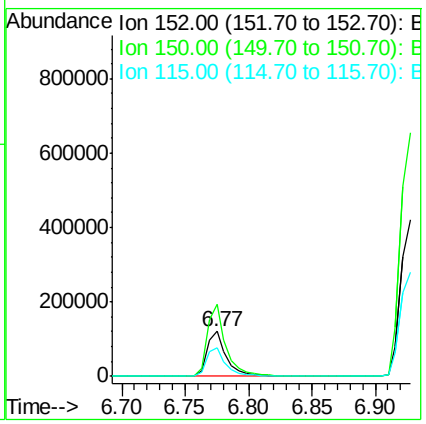


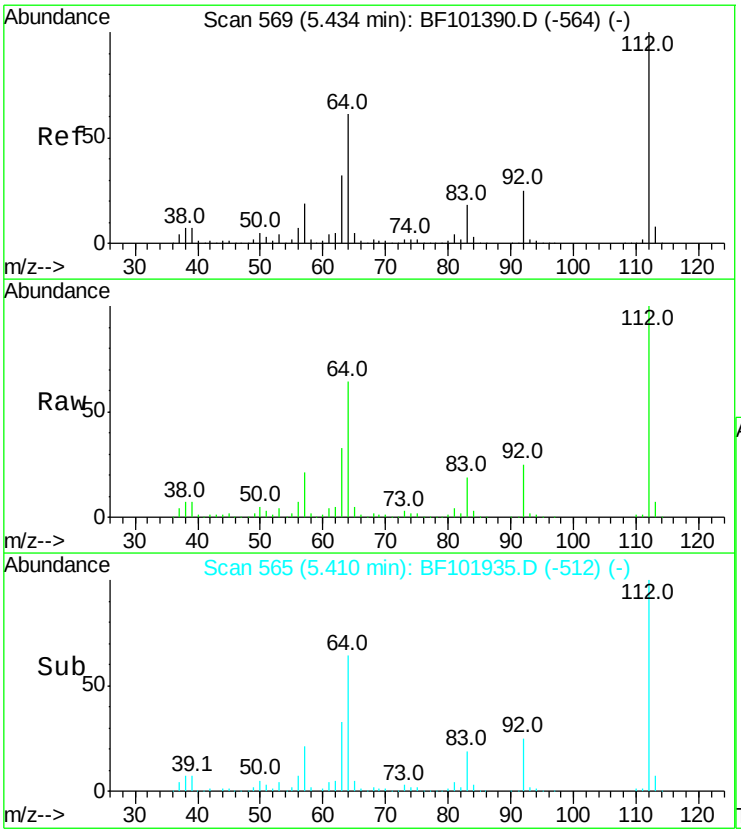
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129583

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	62.3	50.1	75.1

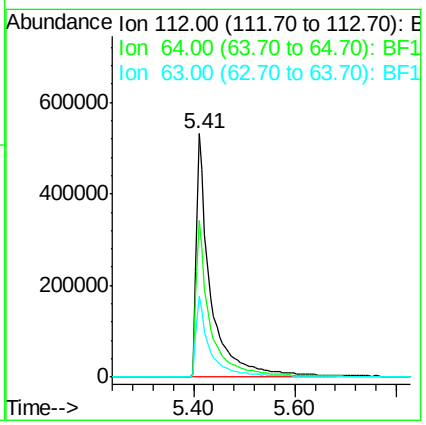


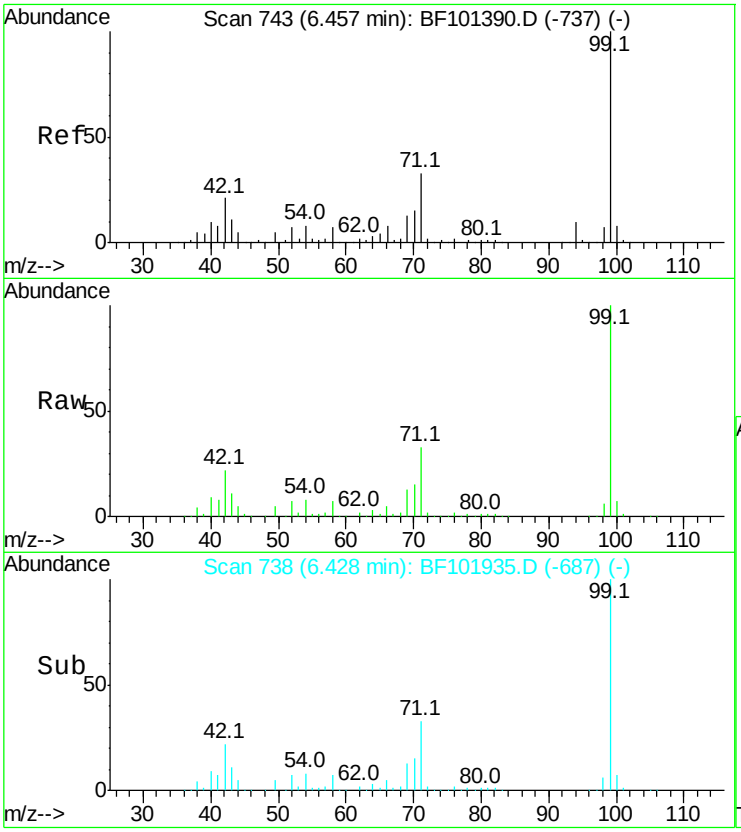


#5
2-Fluorophenol
Concen: 119.918 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Tgt Ion:112 Resp: 1043199

Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	33.3	23.7	35.5



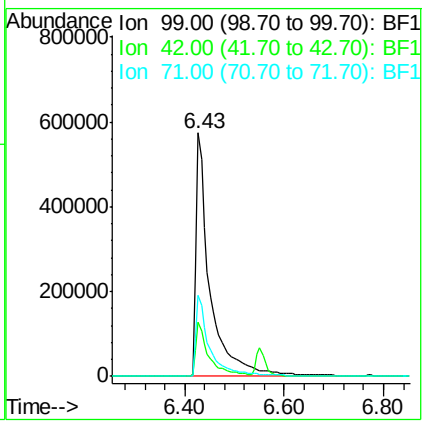


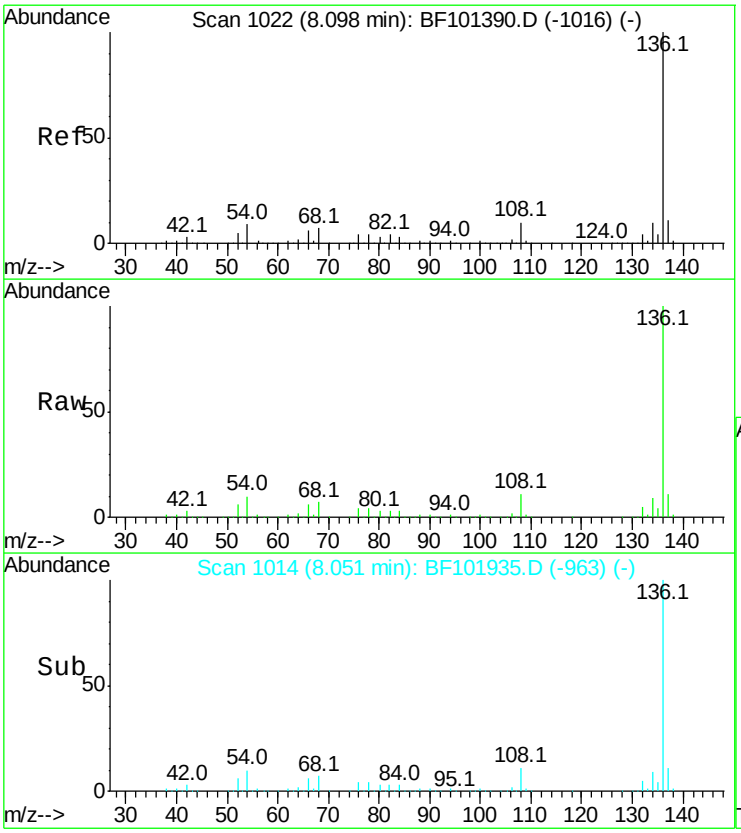
#7
Phenol-d6
Concen: 103.172 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1117003

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	33.4	25.4	38.0

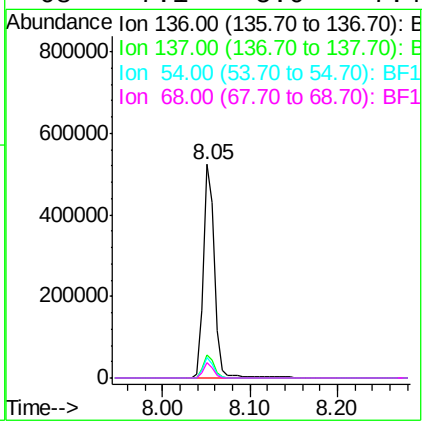


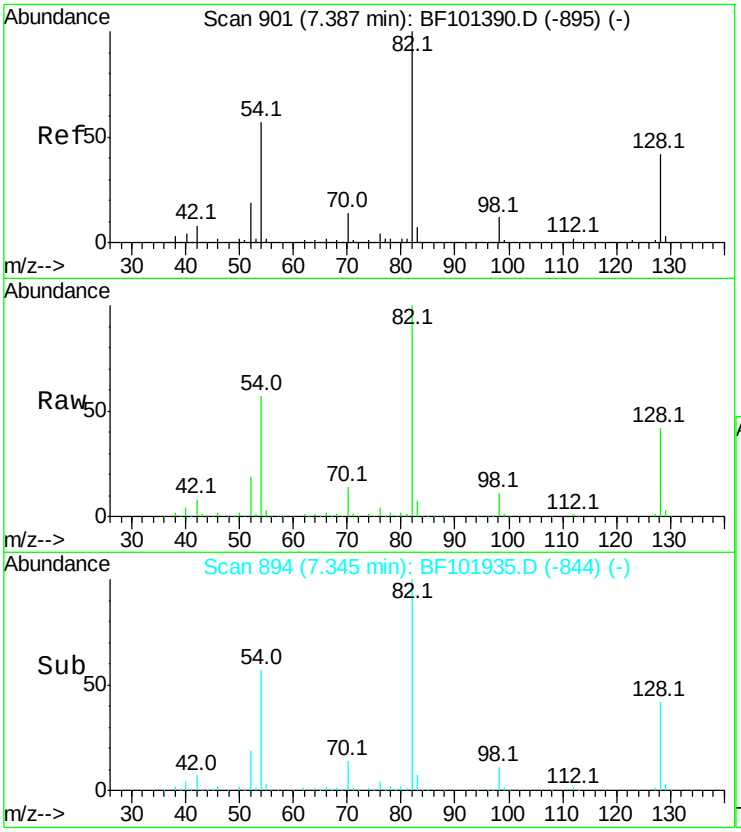


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Tgt Ion:136 Resp: 466373

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.9	6.6	9.8#
68	7.1	5.0	7.4



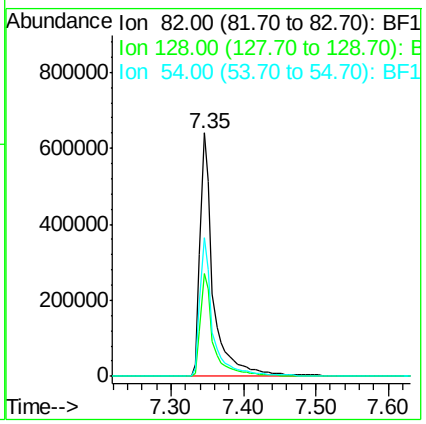


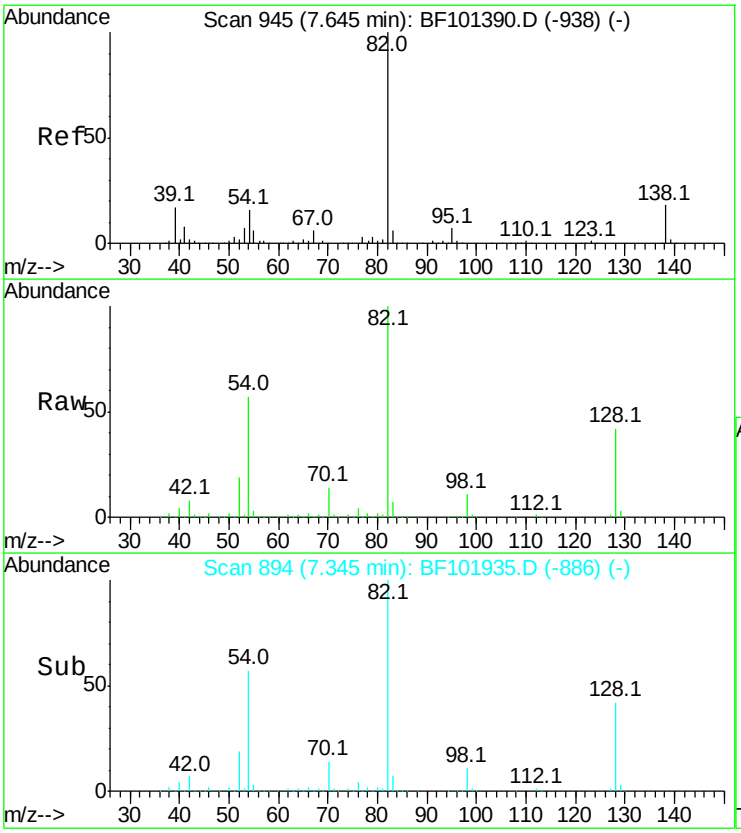
#23
Nitrobenzene-d5
Concen: 97.611 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 817795

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	57.0	41.4	62.2

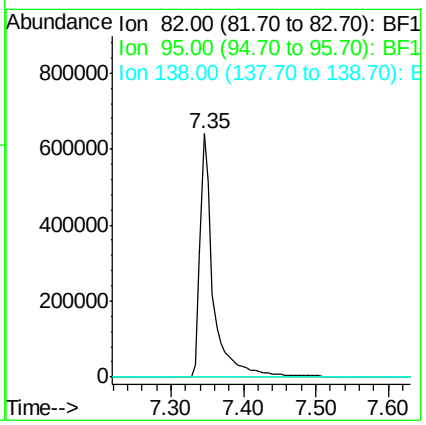


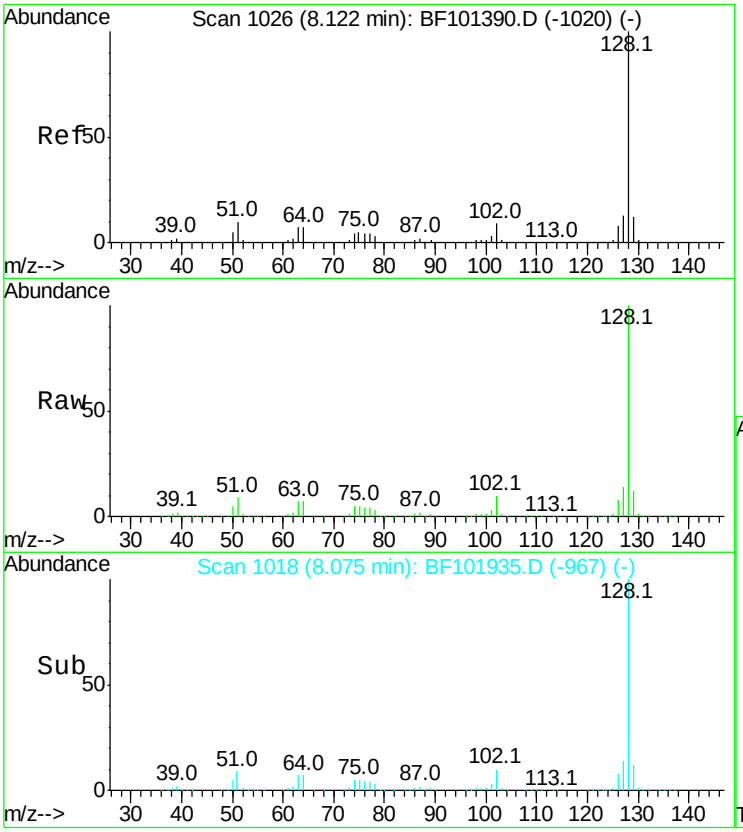


#25
Isophorone
Concen: 48.658 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.25 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Tgt Ion: 82 Resp: 817795

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



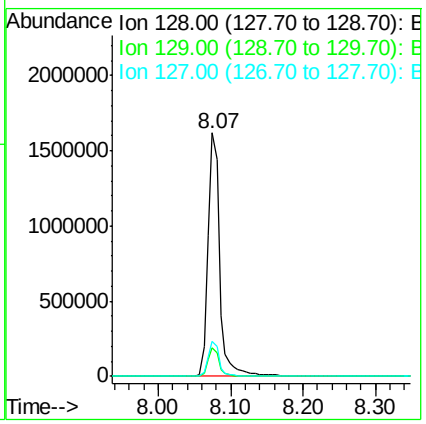


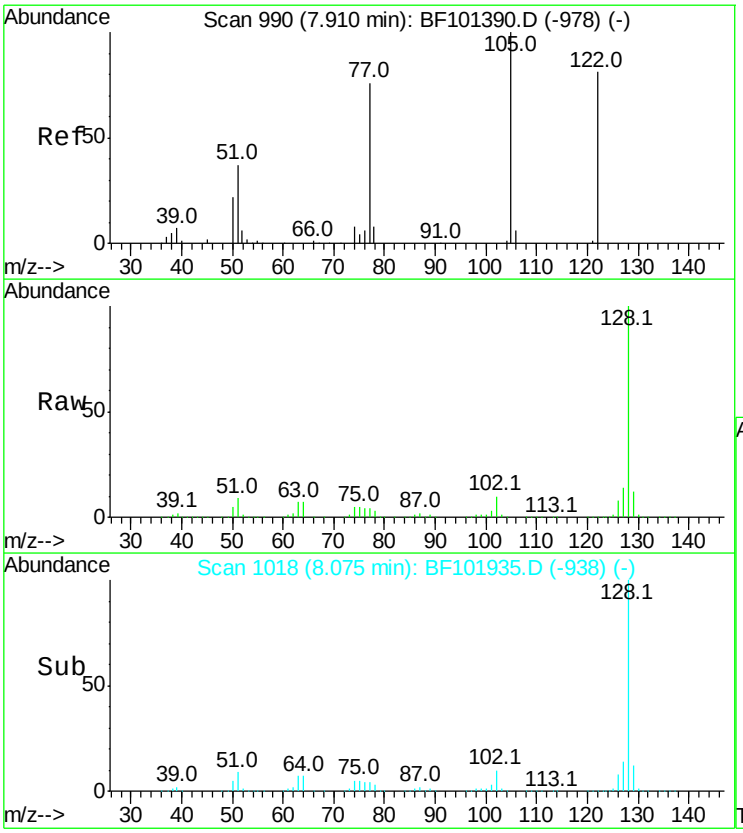
#31
Naphthalene
Concen: 77.418 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1817695

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.2	10.9	16.3

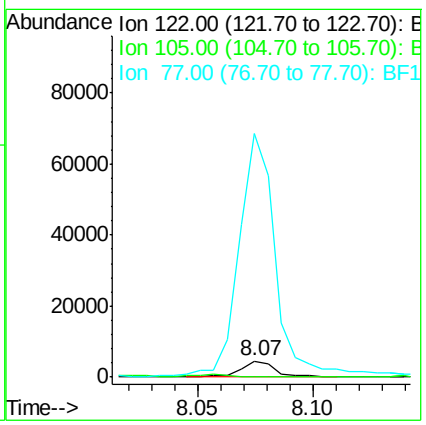


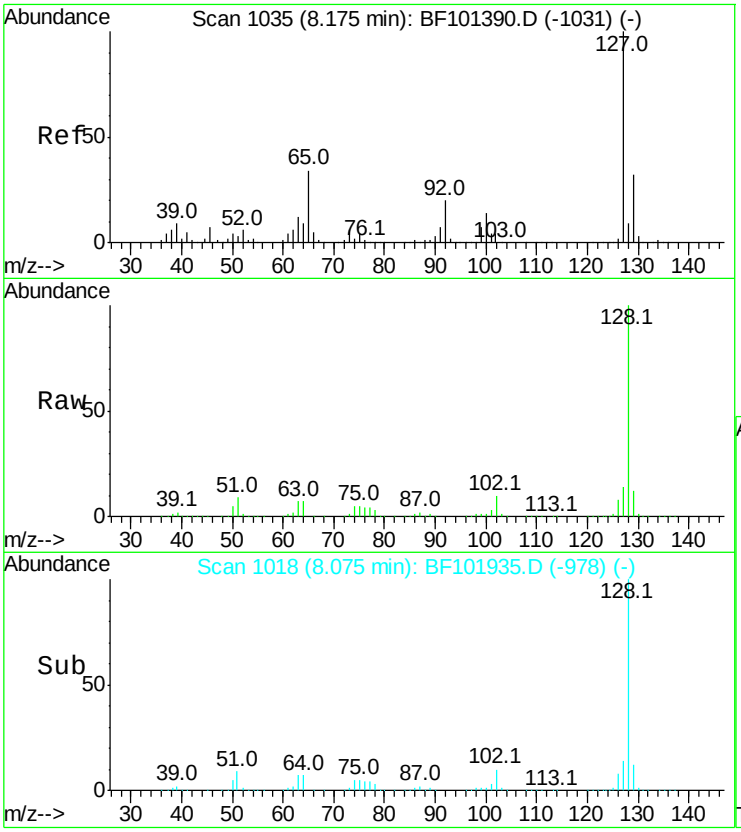


#32
Benzoic acid
Concen: 8.801 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.17 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Tgt Ion:122 Resp: 4592

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	1536.2	70.7	110.7#



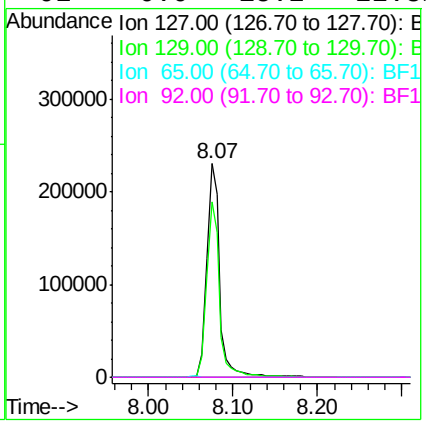


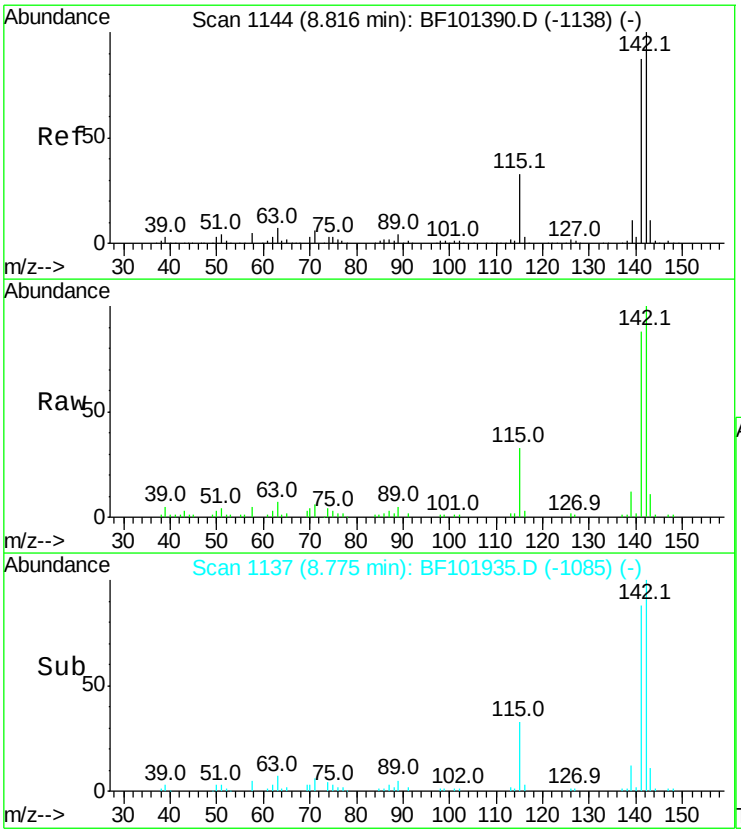
#33
4-Chloroaniline
Concen: 24.312 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.06 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 248097

Ion	Ratio	Lower	Upper
127	100		
129	82.2	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

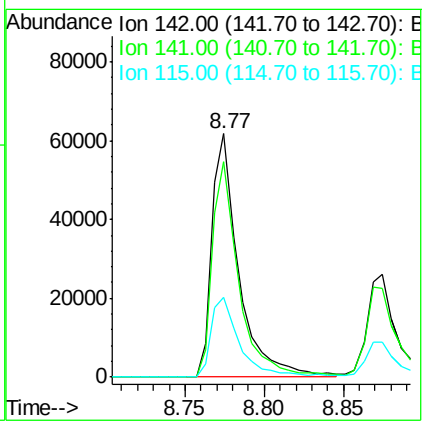


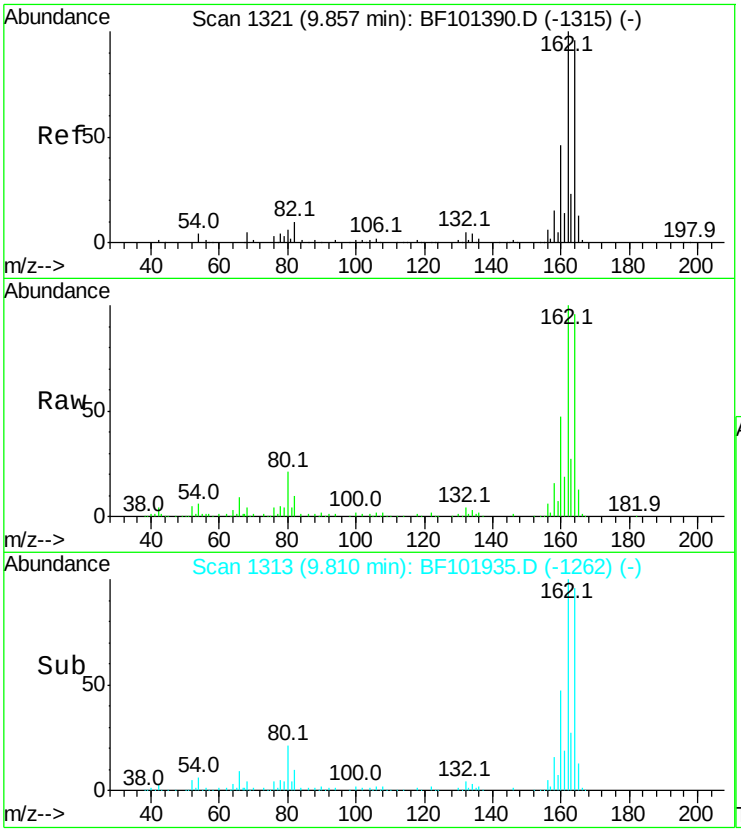


#37
2-Methylnaphthalene
Concen: 4.760 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Tgt Ion:142 Resp: 72811

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	32.8	26.1	39.1

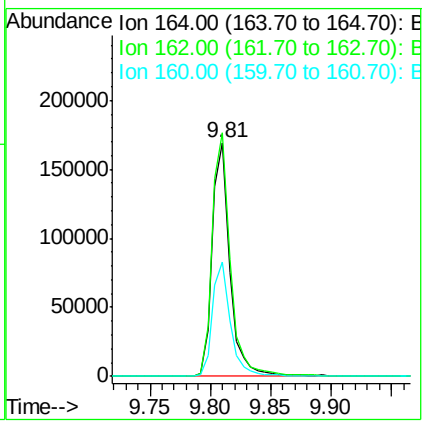




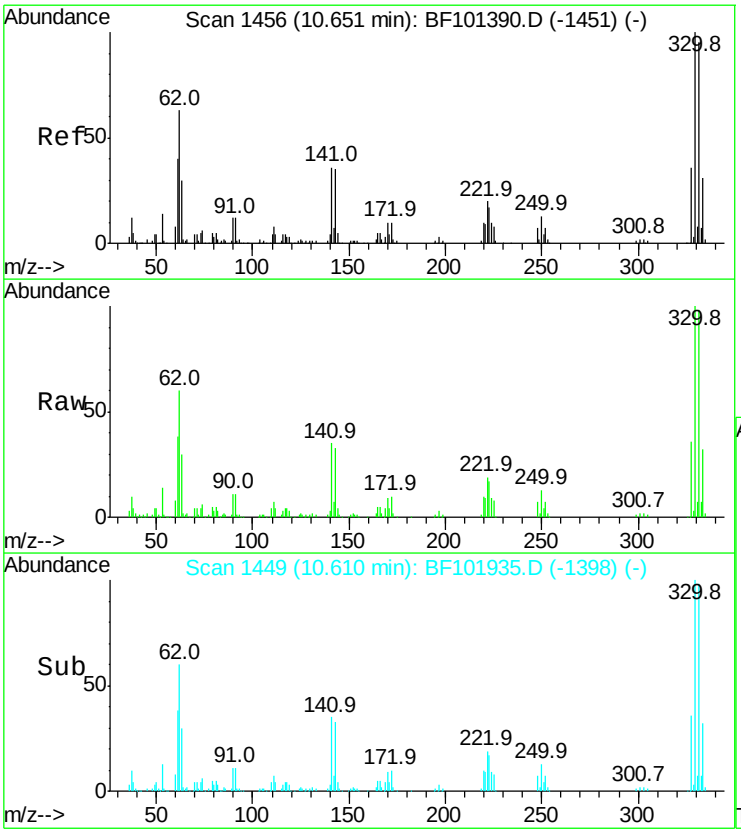
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Tgt Ion:164 Resp: 169816

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	49.1	38.3	57.5



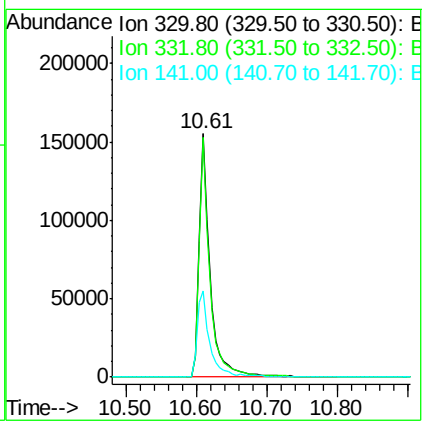
Instrument :
BNA_F
ClientSampleId :

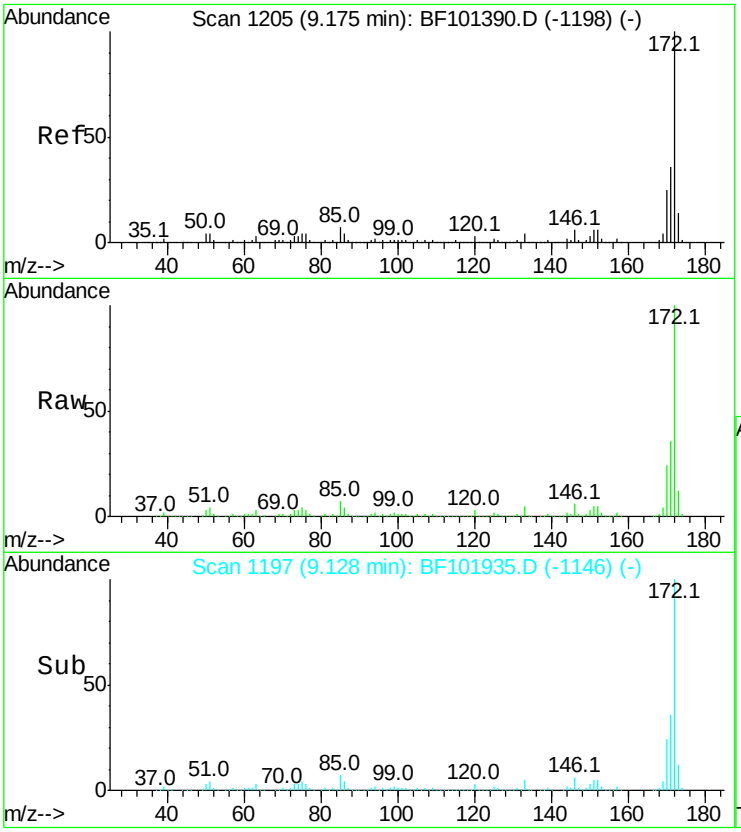


#41
2,4,6-Tribromophenol
Concen: 105.651 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Tgt Ion:330 Resp: 172878

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	40.9	29.9	44.9



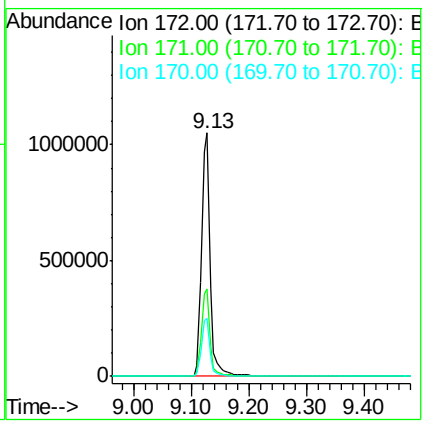


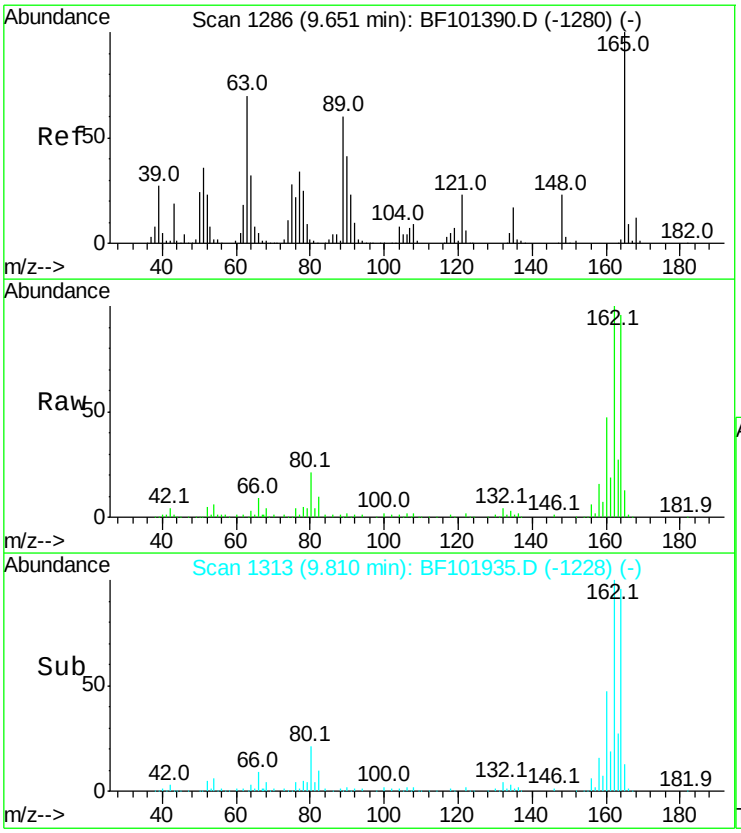
#44
2-Fluorobiphenyl
Concen: 102.610 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1123284

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.9	19.6	29.4

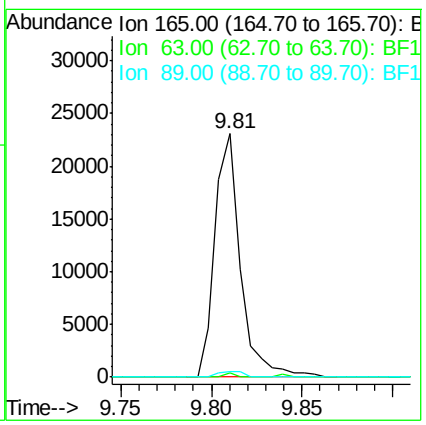


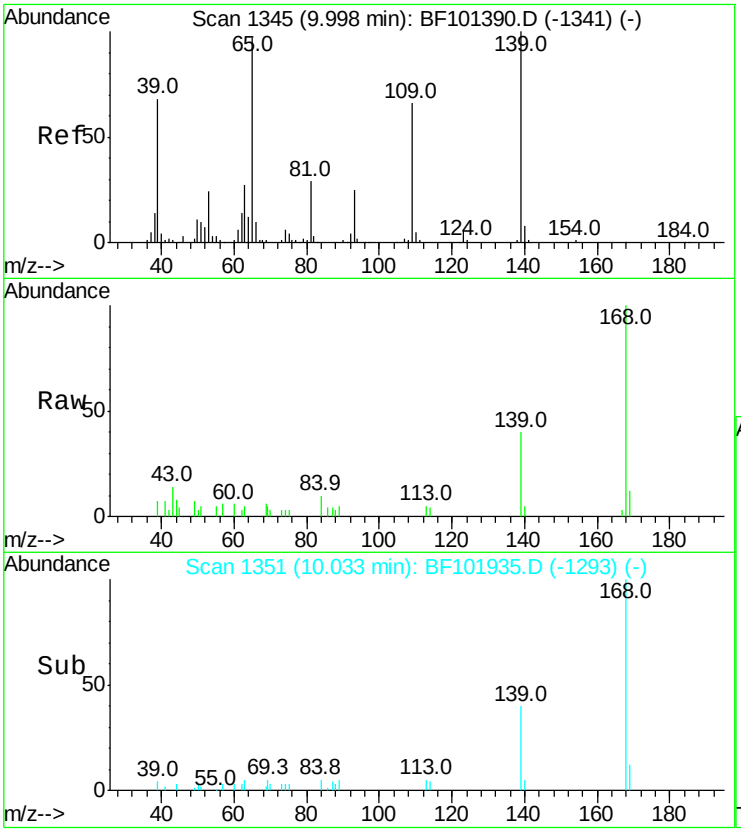


#50
2,6-Dinitrotoluene
Concen: 8.182 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.20 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Tgt Ion:165 Resp: 22714

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	2.0	44.0	66.0#



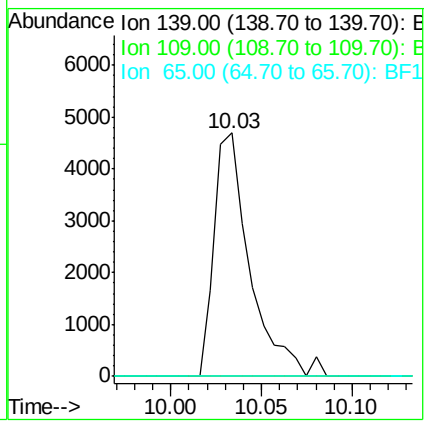


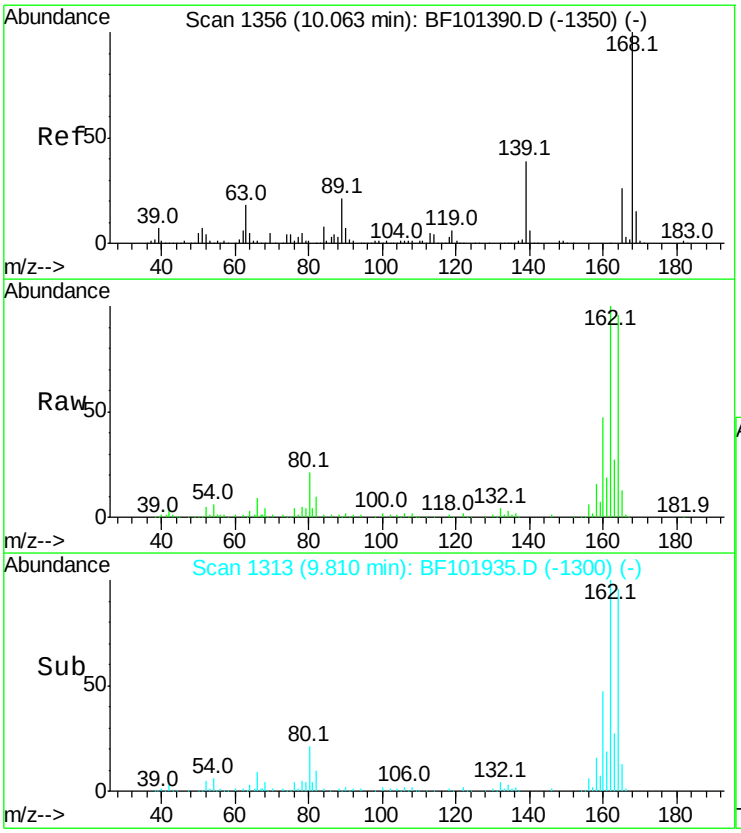
#55
4-Nitrophenol
Concen: 4.298 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.04 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 6486

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

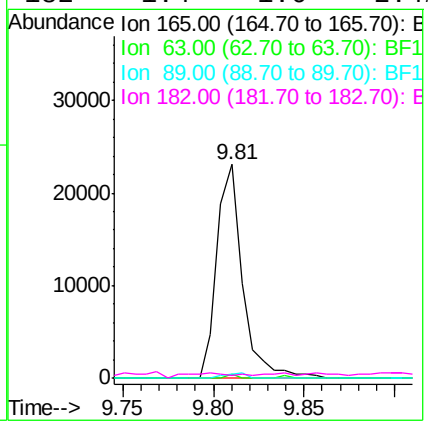


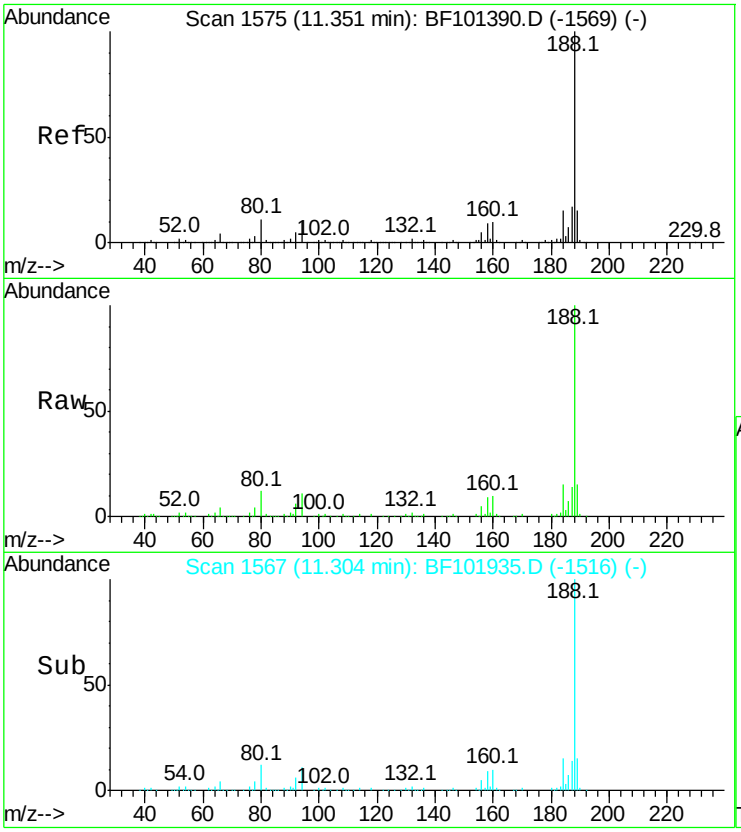


#56
2,4-Dinitrotoluene
Concen: 7.262 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.22 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Tgt Ion:165 Resp: 22714

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	2.0	57.8	86.6#
182	1.4	1.6	2.4#



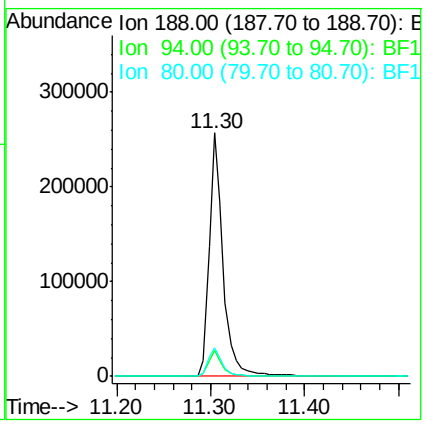


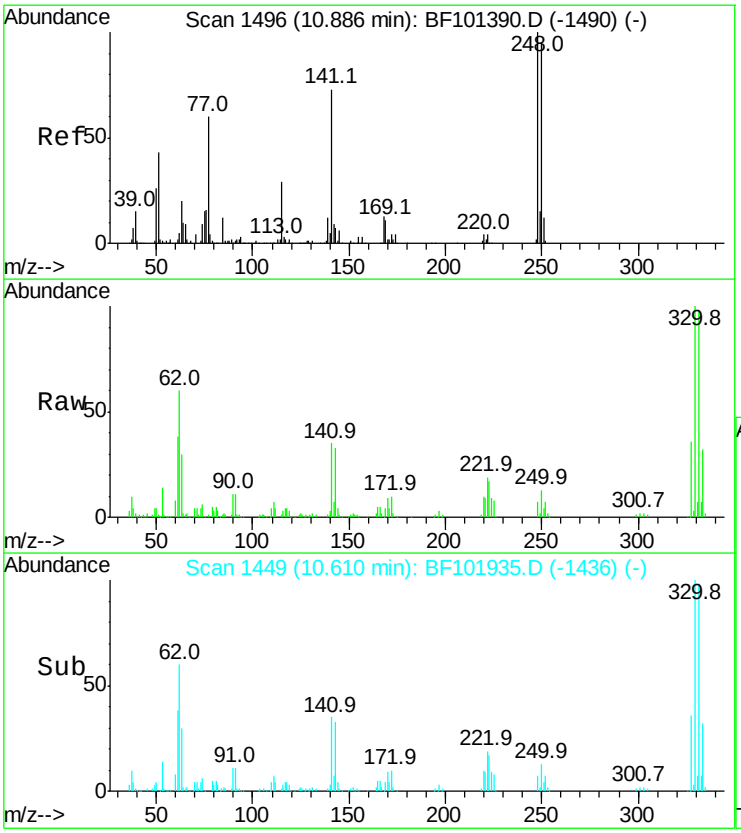
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 268287

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.8	9.2	13.8

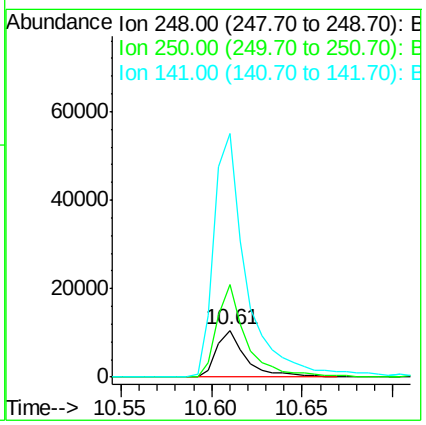


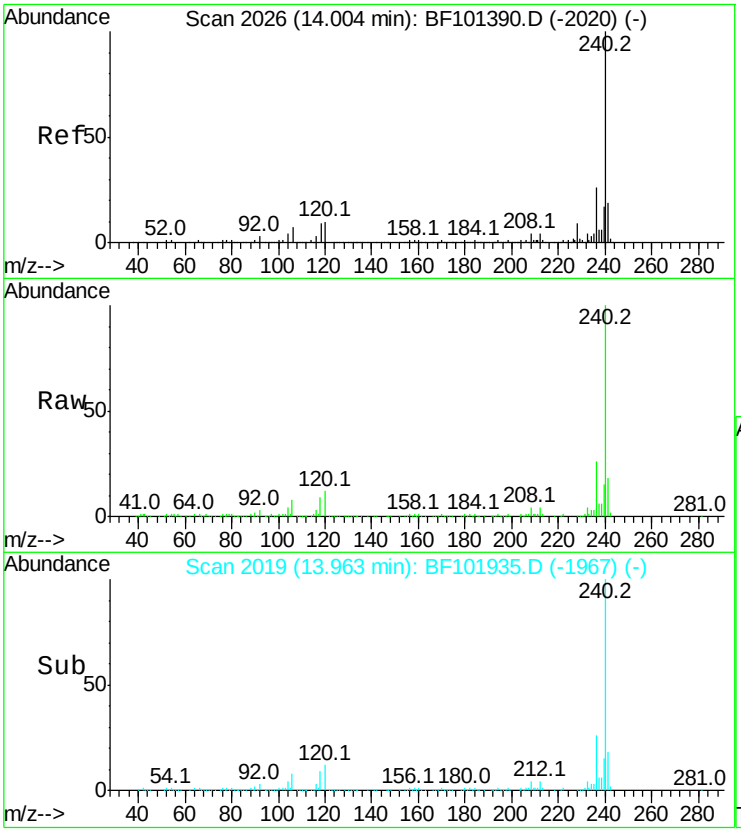


#66
4-Bromophenyl-phenylether
Concen: 3.896 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.22 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Tgt Ion:248 Resp: 11745

Ion	Ratio	Lower	Upper
248	100		
250	197.1	76.9	115.3#
141	520.5	74.4	111.6#



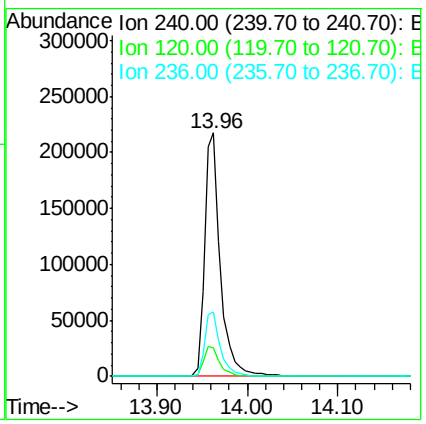


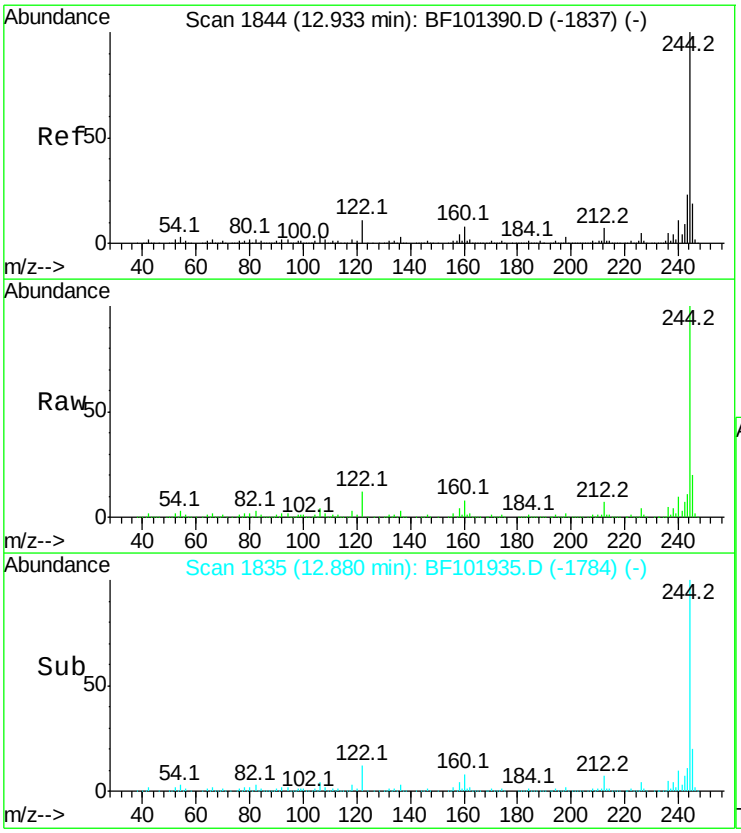
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 264810

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.3	20.7	31.1

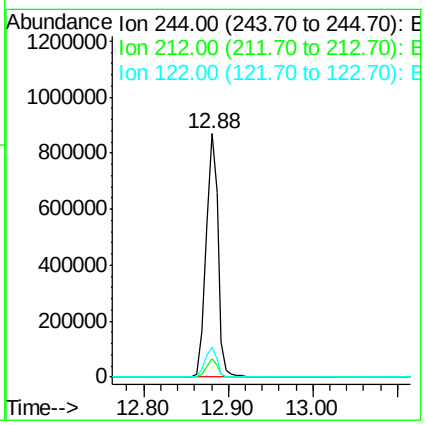


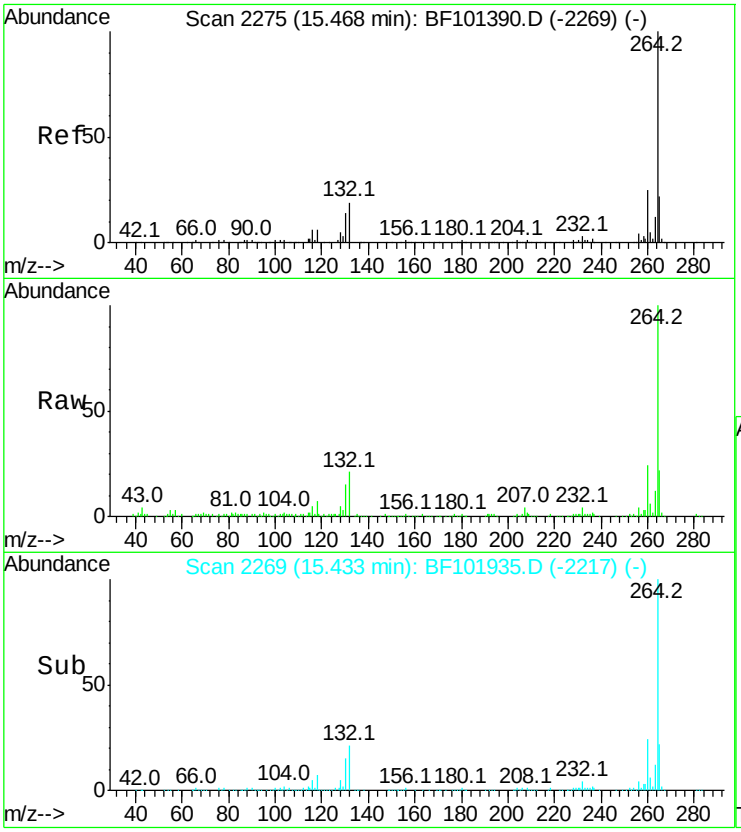


#78
Terphenyl-d14
Concen: 78.498 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Tgt Ion:244 Resp: 862263

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	12.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 206288

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.5	26.3