Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103020.D
Acq On : 15 Feb 2018 16:27
Operator : SJ/JU
Sample : J1539-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-SW-(4-6)

Quant Time: Feb 15 16:58:24 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	184216	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	780329	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	363016	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	643831	20.00	ng		0.00
75) Chrysene-d12	14.04	240	472450	20.00	ng		-0.01
86) Perylene-d12	15.52	264	381935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1200239	98.95	ng		0.00
7) Phenol-d6	6.50	99	1468945	100.57	ng		0.00
23) Nitrobenzene-d5	7.44	82	936640	83.27	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	332665	113.85	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1373721	62.79	ng		0.00
78) Terphenyl-d14	12.99	244	1337521	67.03	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	25765	2.375	ng		83
10) Phenol	6.52	94	63521	4.058	ng		95
19) n-Nitroso-di-n-propylamine	7.44	70	123967	12.873	ng	#	81
25) Isophorone	7.44	82	936626	36.160	ng	#	64
47) 2-Nitroaniline	9.57	65	116	3.487	ng	#	2
49) Dimethylphthalate	9.62	163	130244	4.601	ng		98
50) 2,6-Dinitrotoluene	9.91	165	46756	8.682	ng	#	25
55) 4-Nitrophenol	10.12	139	382	4.091	ng	#	38
56) 2,4-Dinitrotoluene	9.91	165	46756	9.135	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	701	9.034	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	21176	3.109	ng	#	1

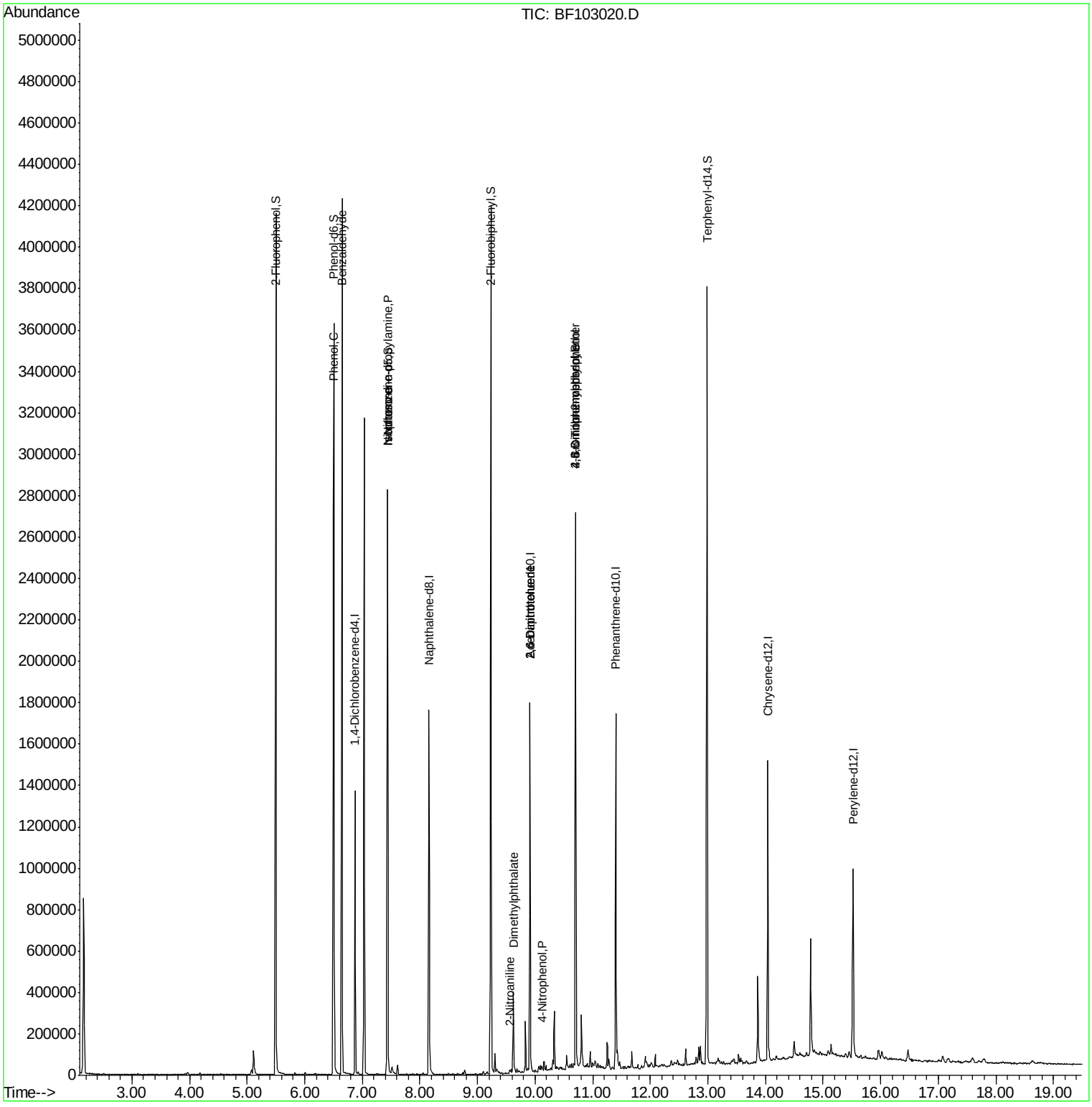
(#) = qualifier out of range (m) = manual integration (+) = signals summed

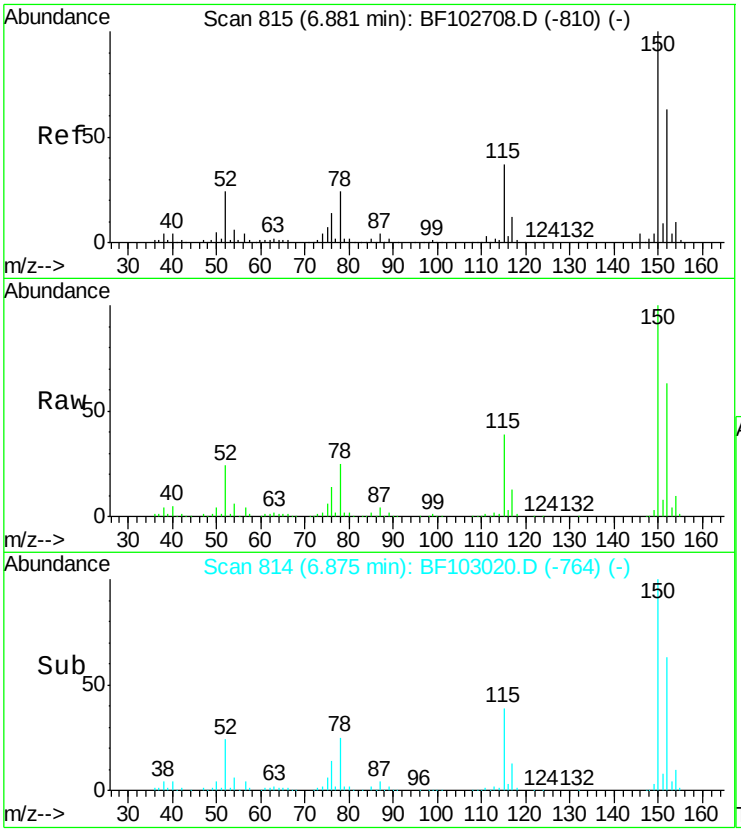
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103020.D
Acq On : 15 Feb 2018 16:27
Operator : SJ/JU
Sample : J1539-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Quant Time: Feb 15 16:58:24 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 14:08:58 2018
Response via : Initial Calibration



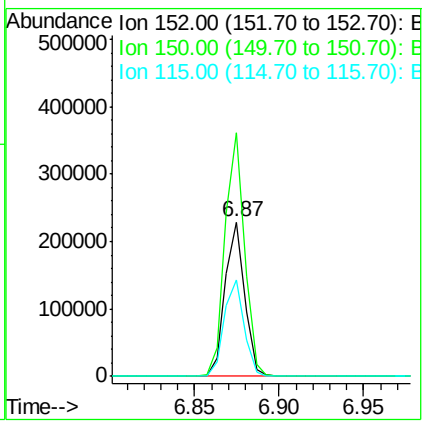


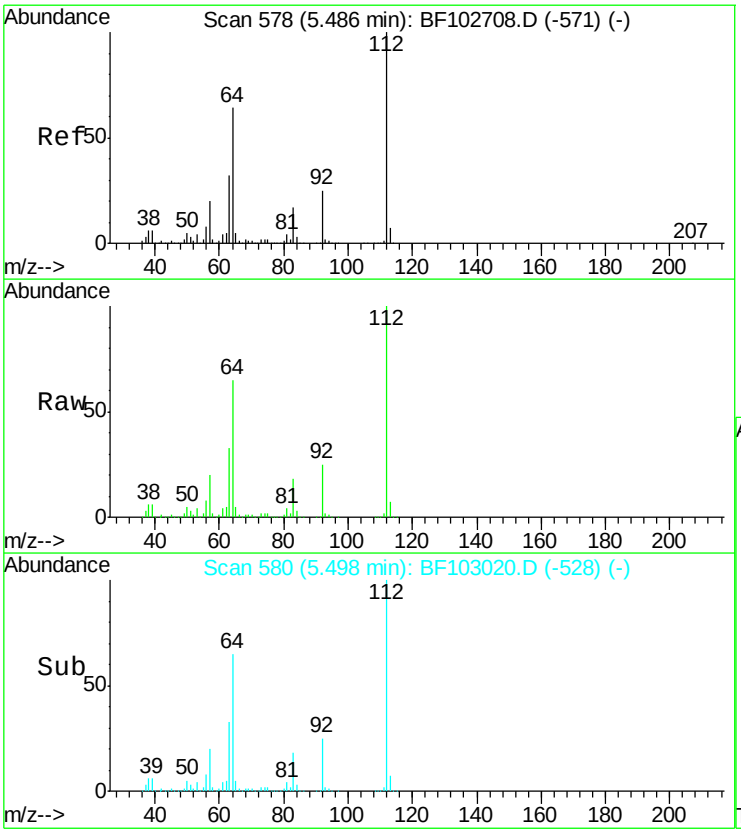
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Tgt Ion:152 Resp: 184216

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	62.2	50.1	75.1

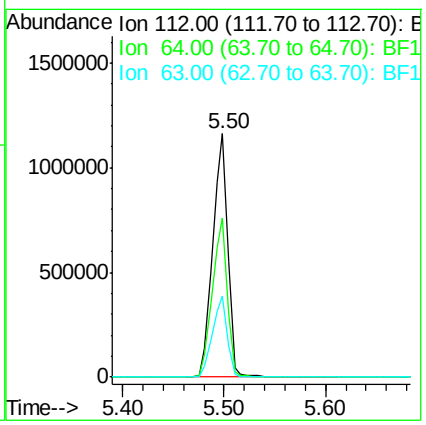


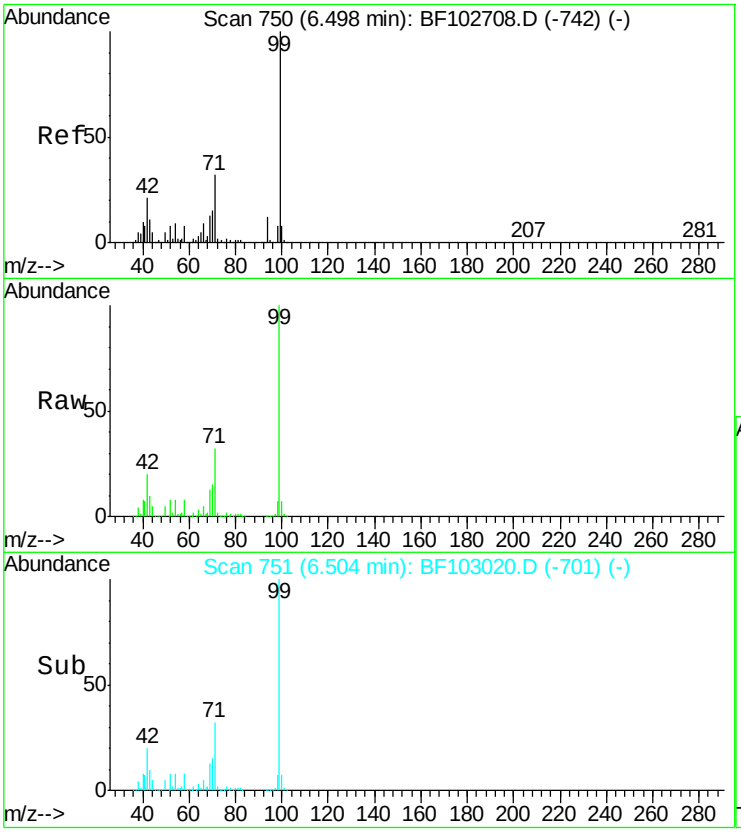


#5
2-Fluorophenol
Concen: 98.947 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Tgt Ion:112 Resp: 1200239

Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	33.3	23.7	35.5



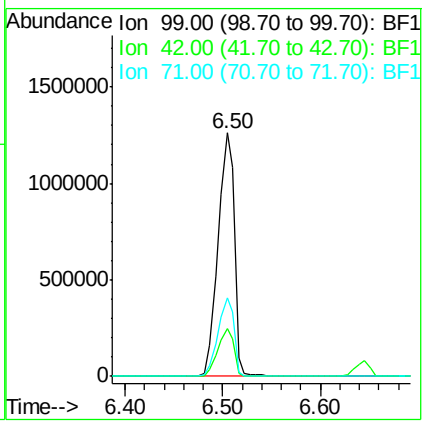


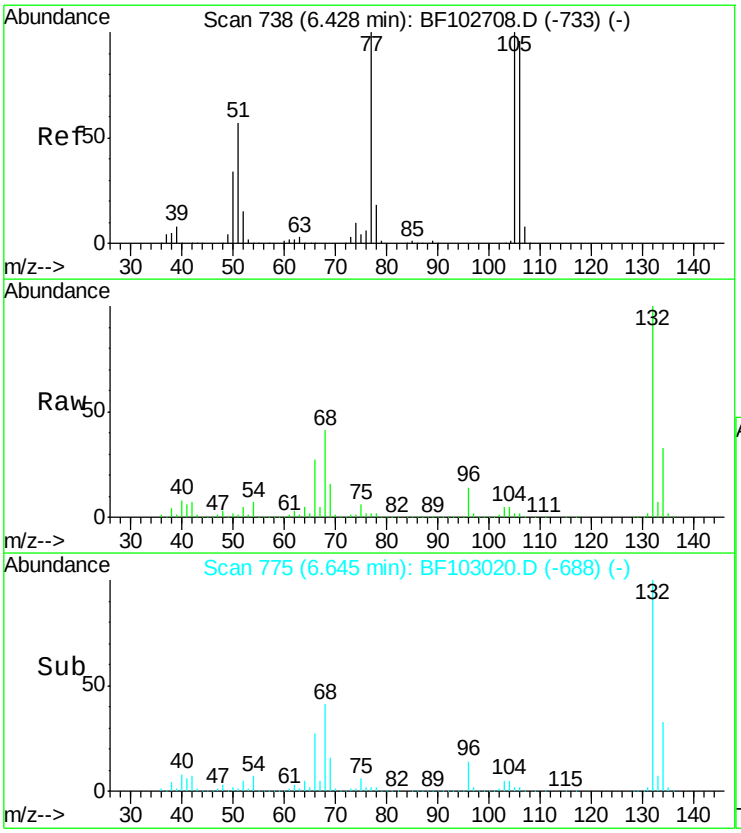
#7
Phenol-d6
Concen: 100.575 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Tgt Ion: 99 Resp: 1468945

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.5	25.4	38.0

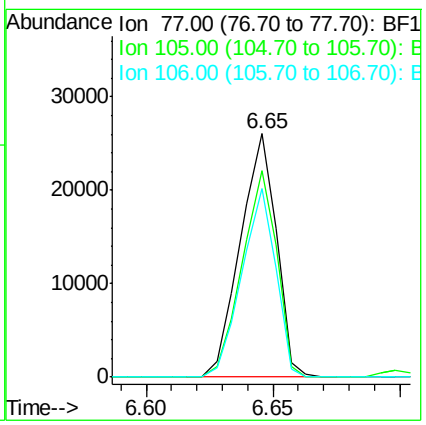


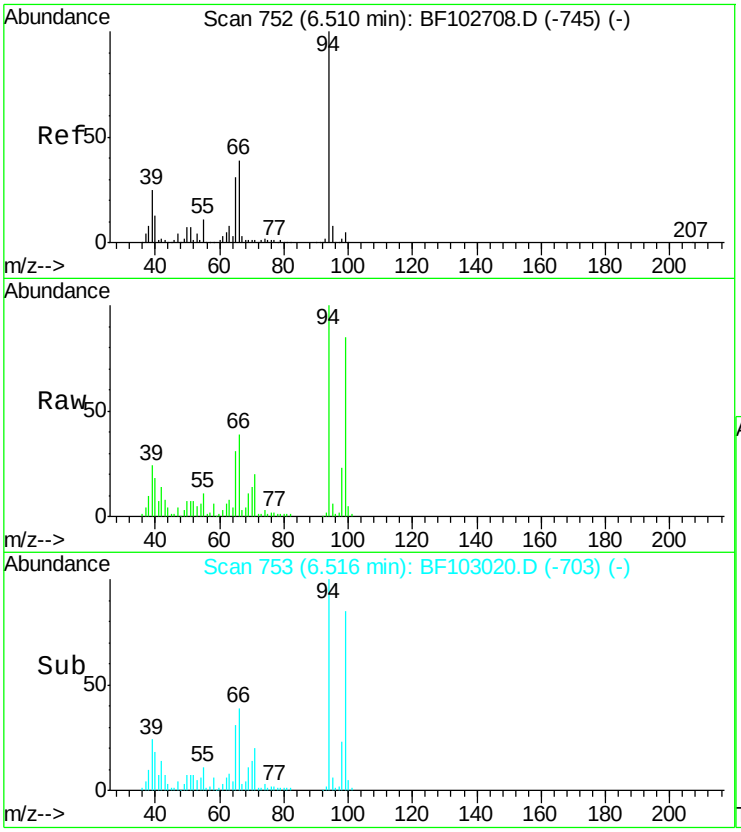


#9
Benzaldehyde
Concen: 2.375 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.21 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Tgt Ion: 77 Resp: 25765

Ion	Ratio	Lower	Upper
77	100		
105	84.6	81.1	121.1
106	77.5	74.5	114.5



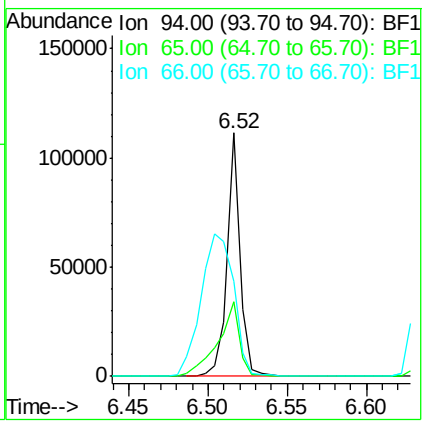


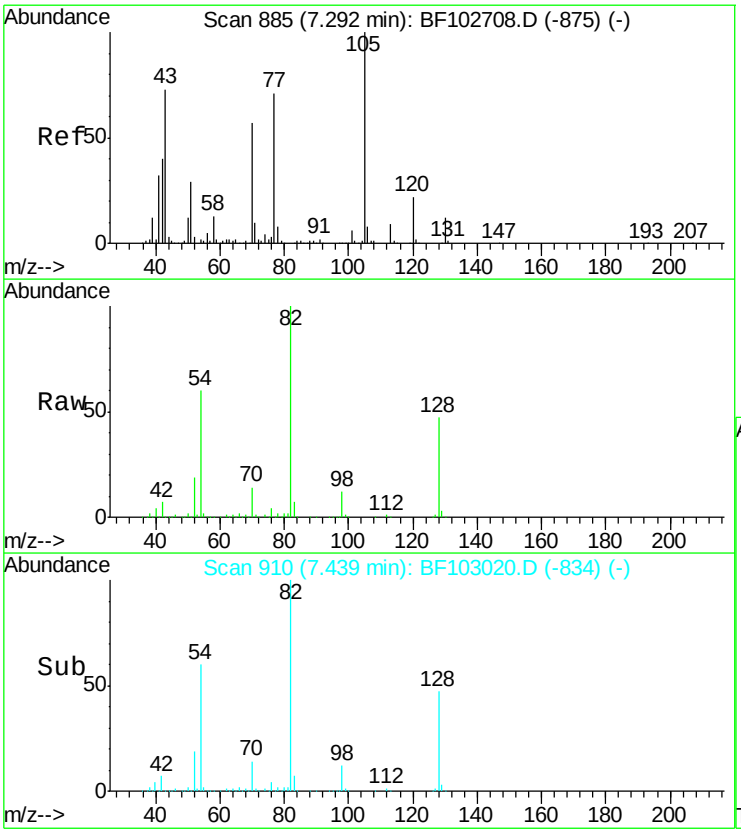
#10
Phenol
Concen: 4.058 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Tgt Ion: 94 Resp: 63521

Ion	Ratio	Lower	Upper
94	100		
65	30.9	7.9	47.9
66	39.1	16.2	56.2

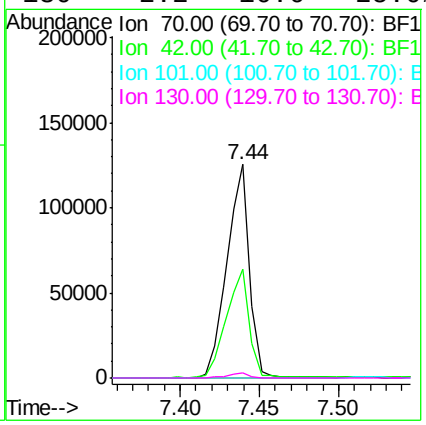


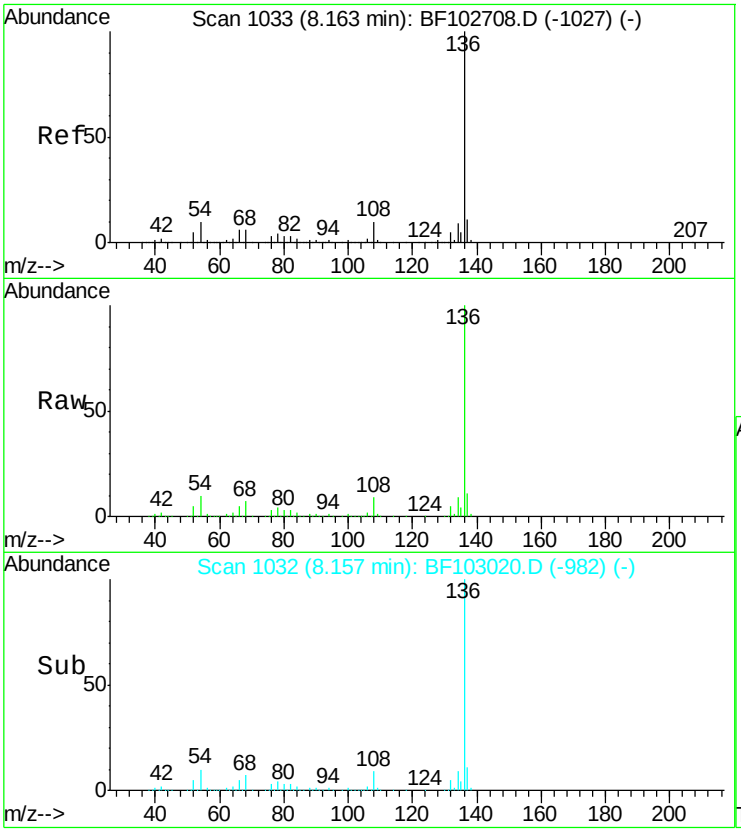


#19
n-Nitroso-di-n-propylamine
Concen: 12.873 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Tgt Ion: 70 Resp: 123967

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



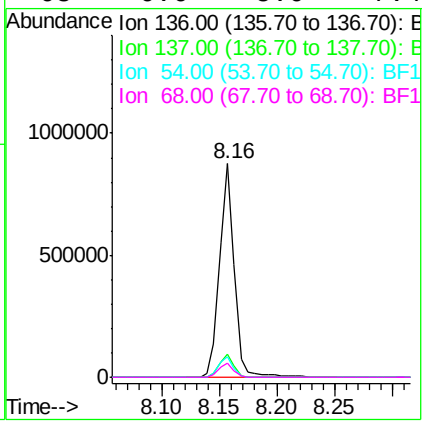


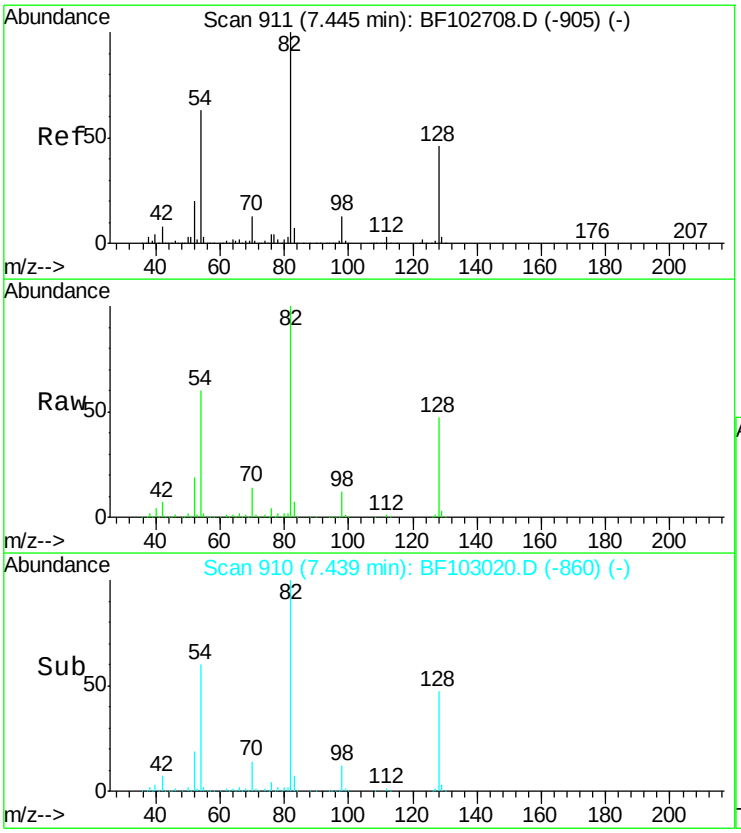
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Tgt Ion:136 Resp: 780329

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

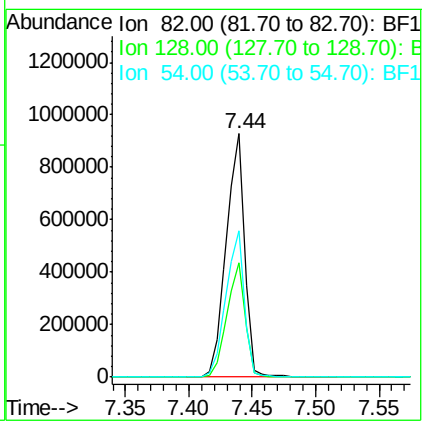


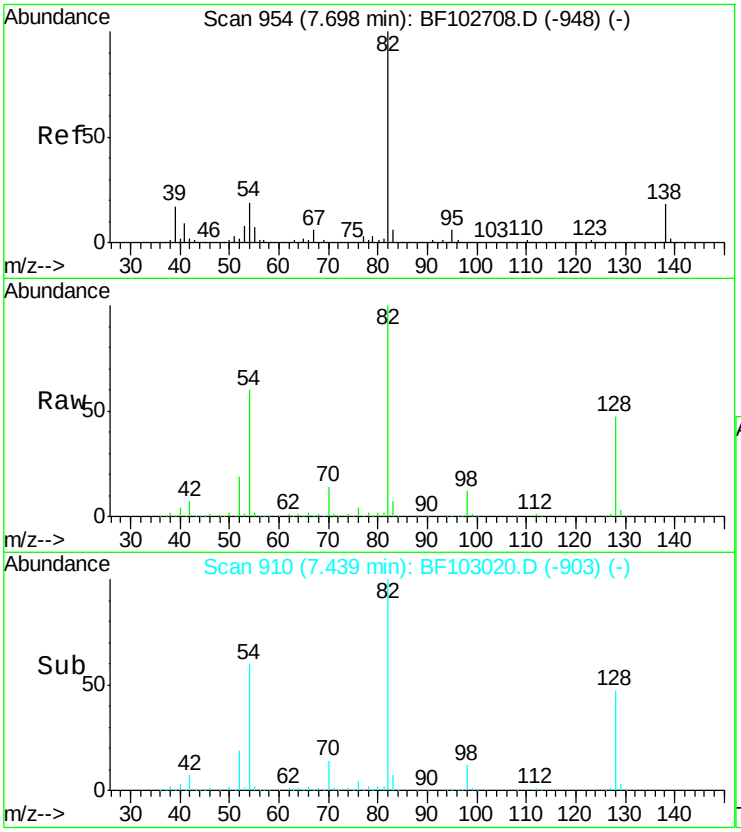


#23
Nitrobenzene-d5
Concen: 83.267 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Tgt Ion: 82 Resp: 936640

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	60.2	41.4	62.2



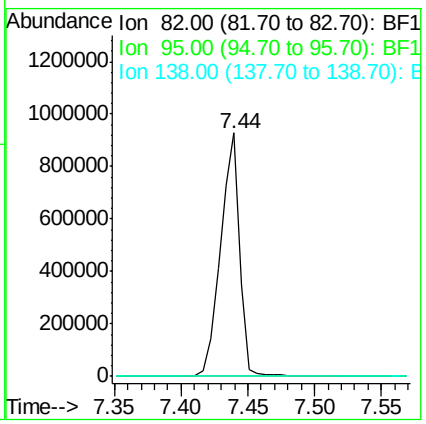


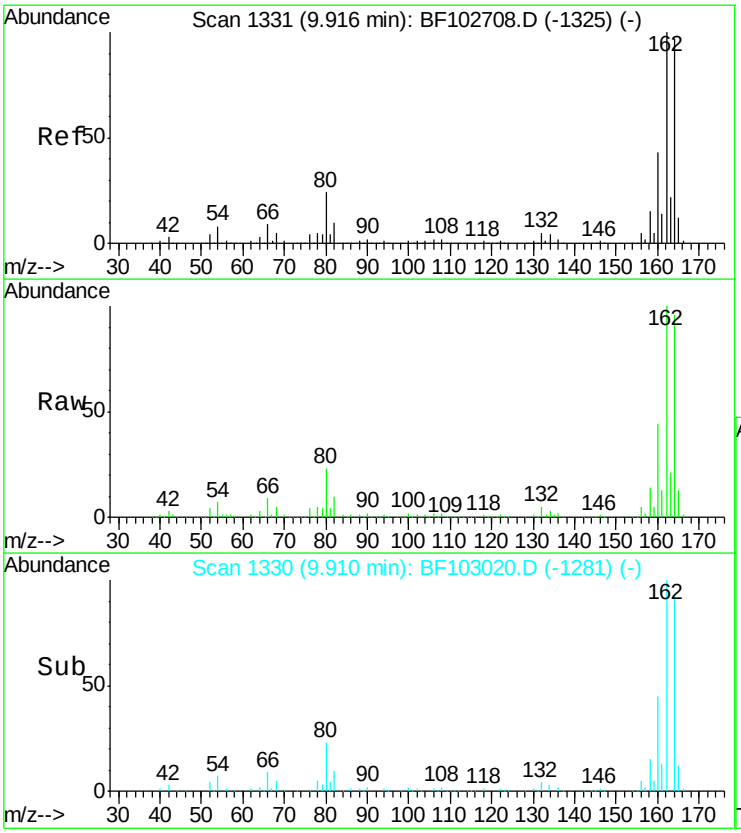
#25
Isophorone
Concen: 36.160 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Tgt Ion: 82 Resp: 936626

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

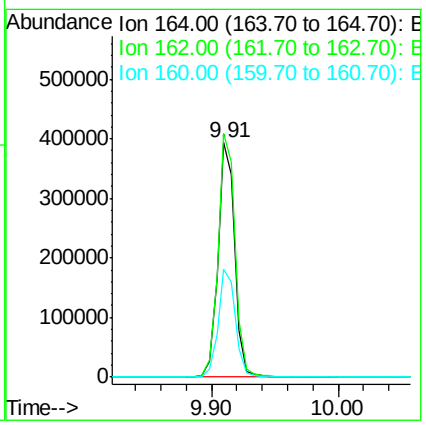


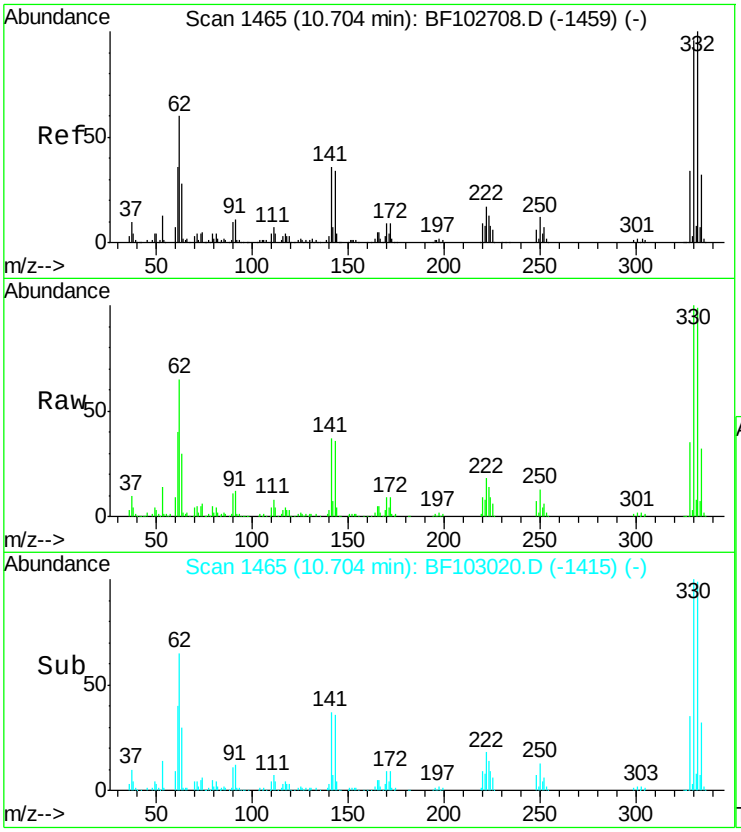


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Tgt Ion:164 Resp: 363016

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.2	38.3	57.5



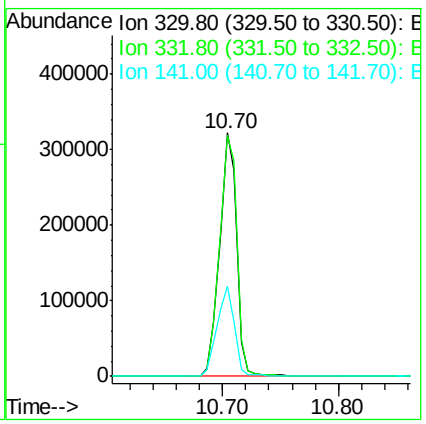


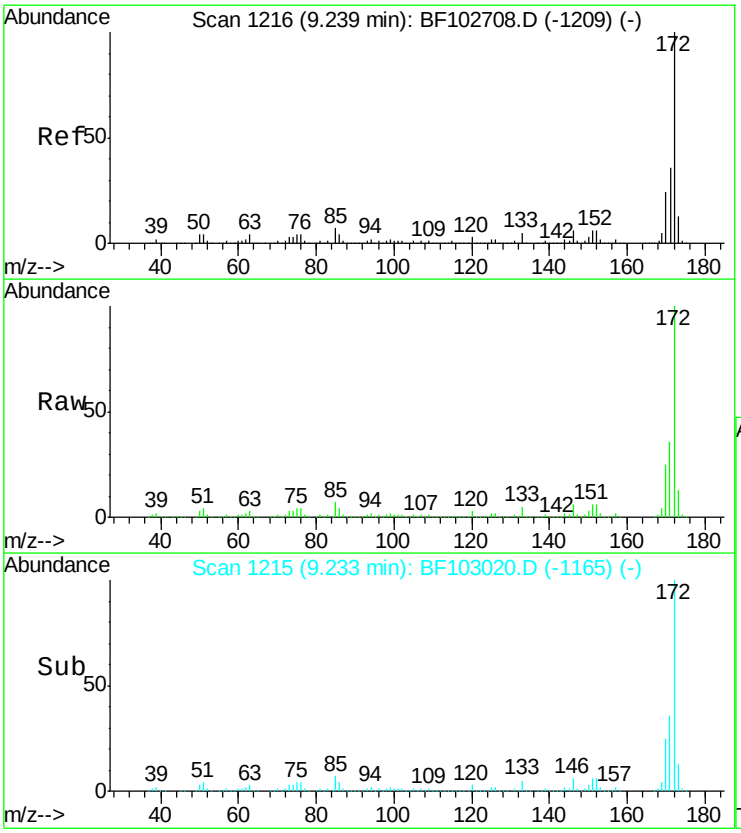
#41
2,4,6-Tribromophenol
Concen: 113.854 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Tgt Ion:330 Resp: 332665

Ion	Ratio	Lower	Upper
330	100		
332	101.4	77.0	115.6
141	38.1	29.9	44.9

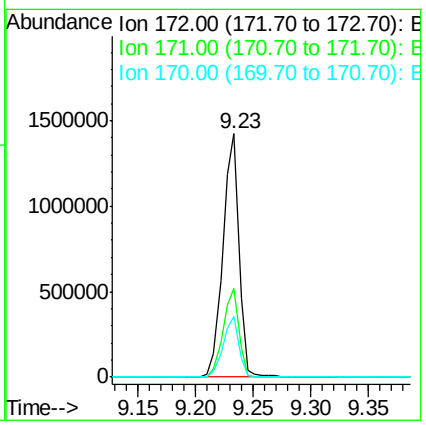


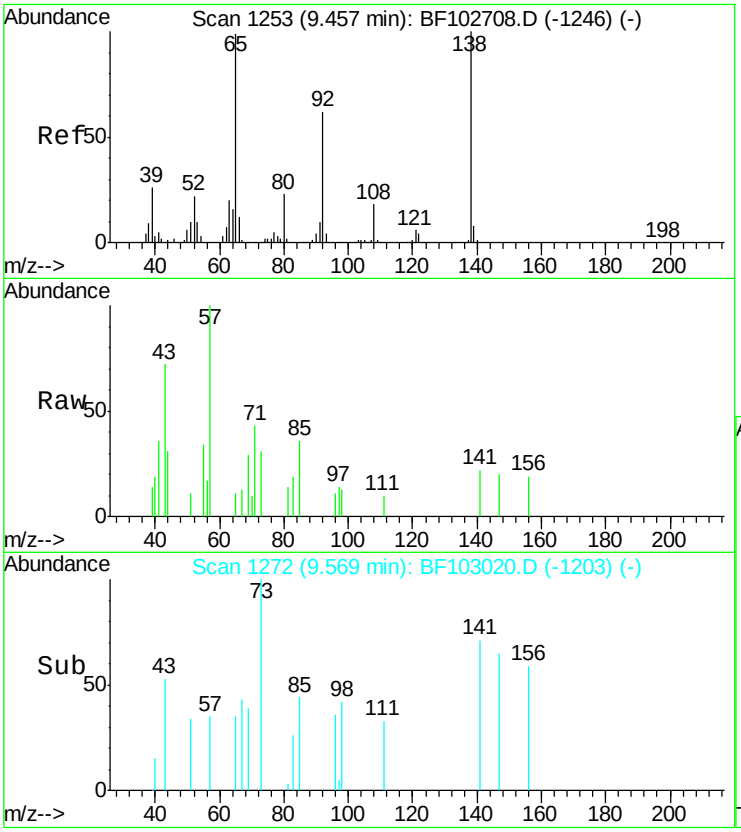


#44
2-Fluorobiphenyl
Concen: 62.793 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Tgt Ion:172 Resp: 1373721

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.7	19.6	29.4



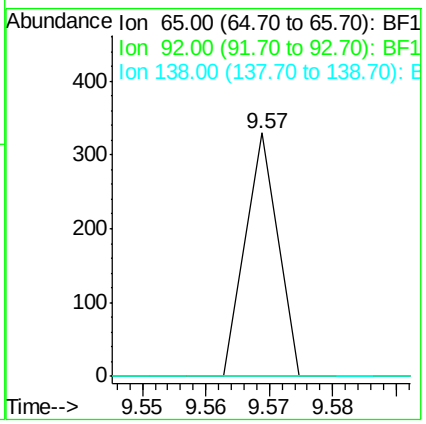


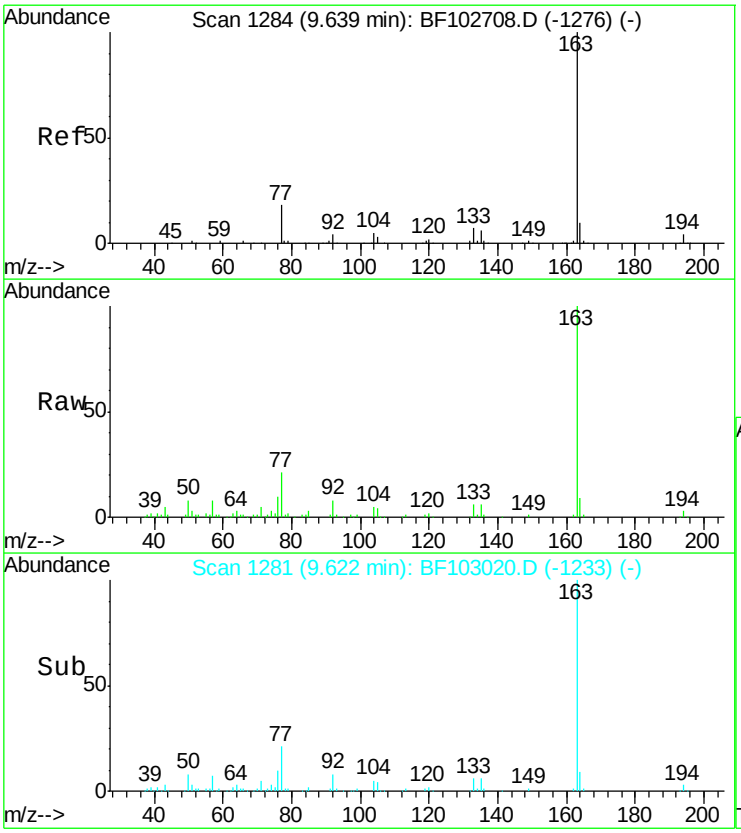
#47
2-Nitroaniline
Concen: 3.487 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.11 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Tgt Ion: 65 Resp: 116

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

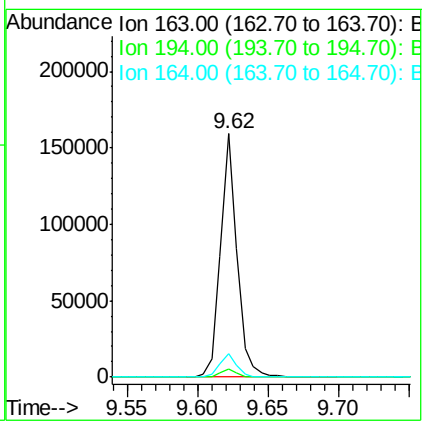


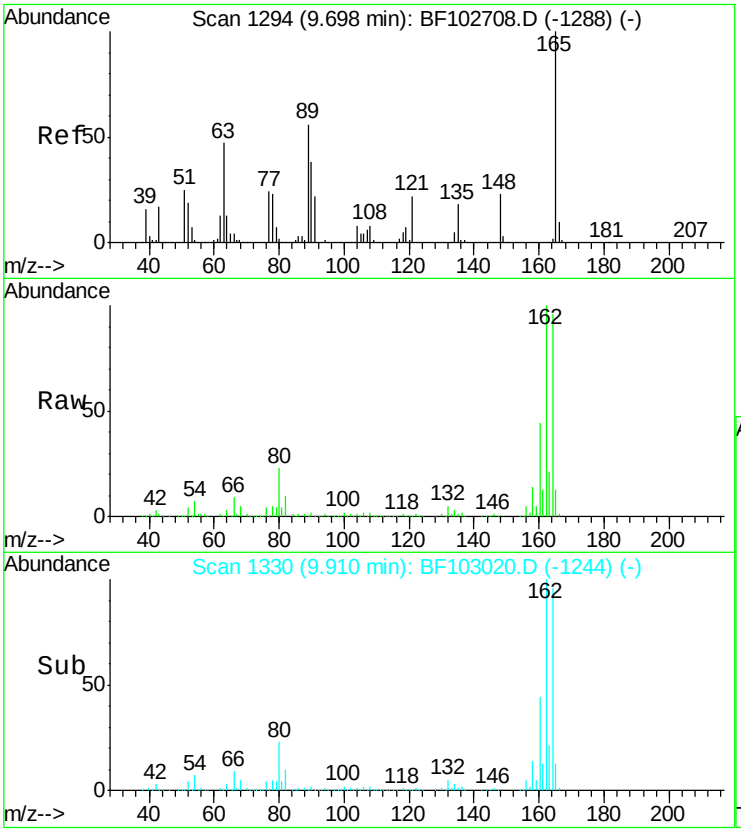


#49
Dimethylphthalate
Concen: 4.601 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Tgt Ion:163 Resp: 130244

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.4	8.2	12.2



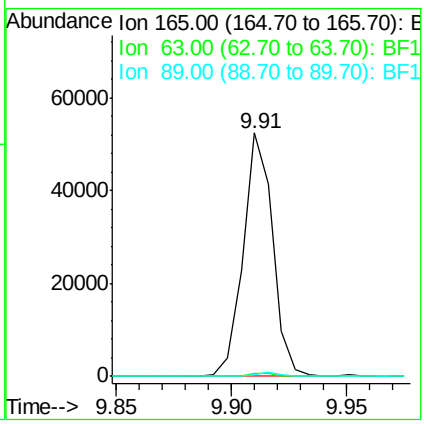


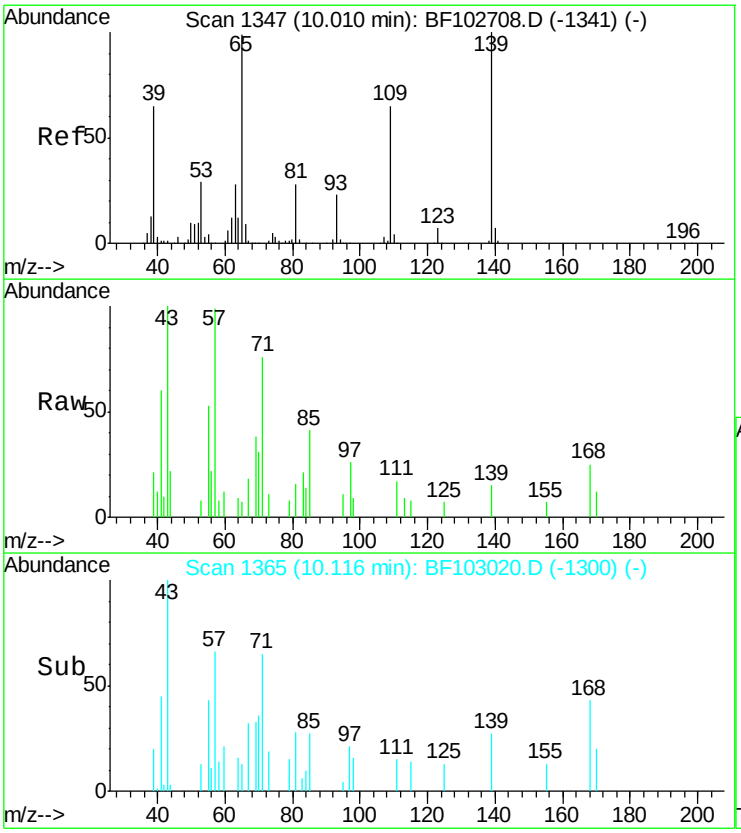
#50
2,6-Dinitrotoluene
Concen: 8.682 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Tgt Ion:165 Resp: 46756

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	0.7	44.0	66.0#

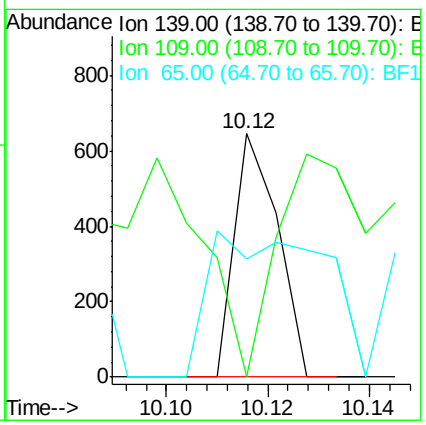


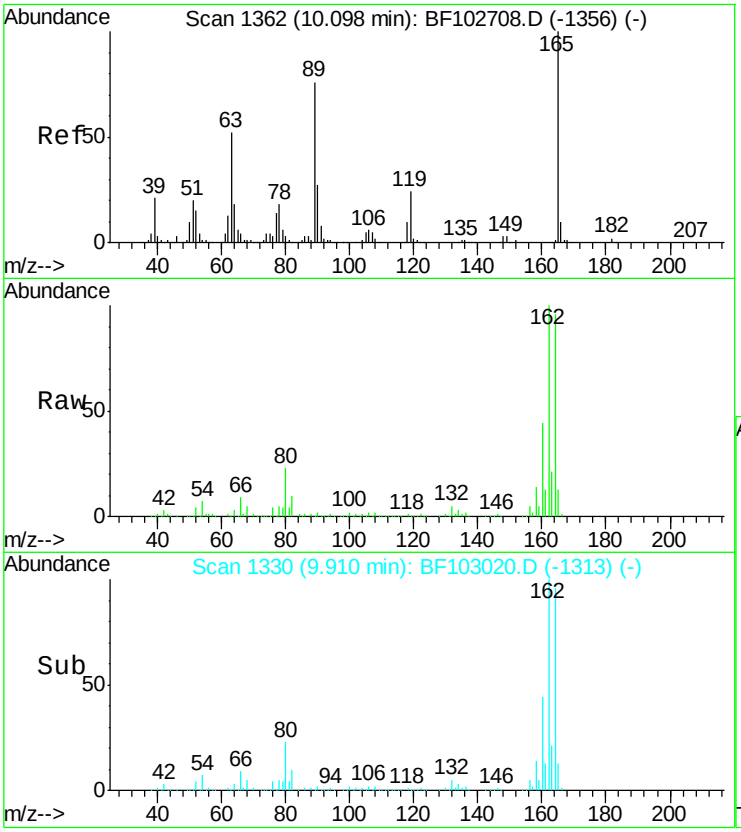


#55
4-Nitrophenol
Concen: 4.091 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.08 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Tgt Ion:139 Resp: 382

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	48.5	72.6	112.6#



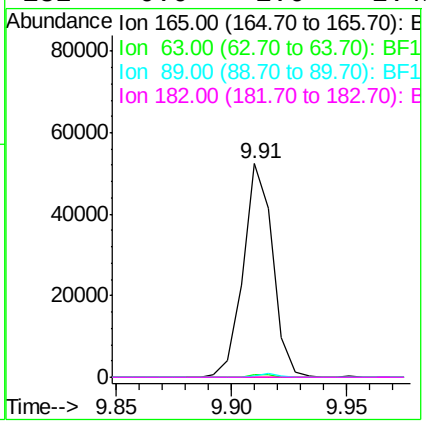


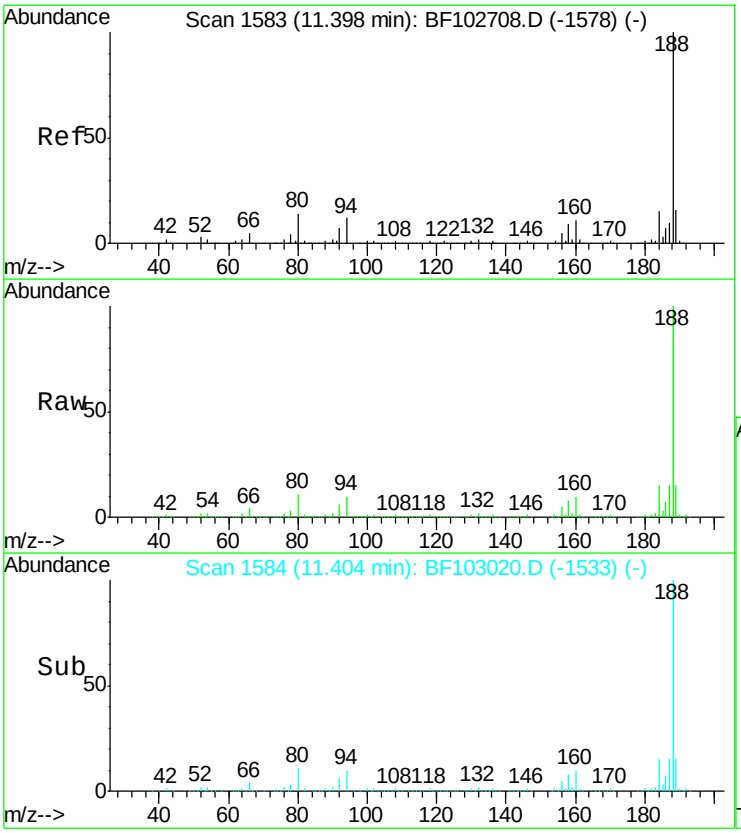
#56
2,4-Dinitrotoluene
Concen: 9.135 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Tgt Ion:165 Resp: 46756

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	0.7	57.8	86.6#
182	0.0	1.6	2.4#

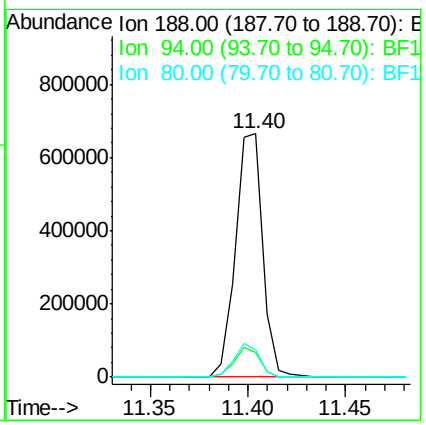


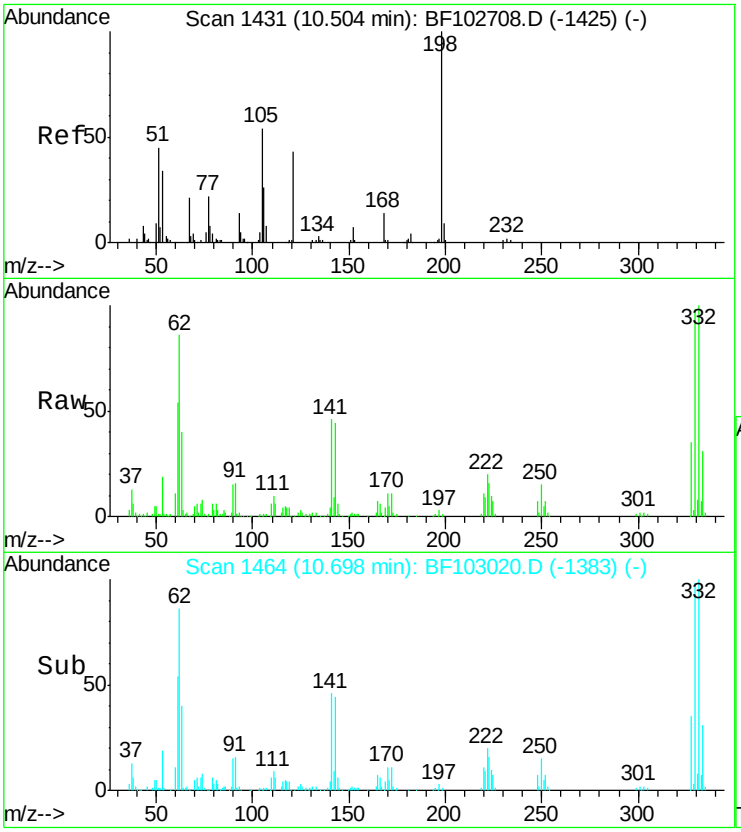


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Tgt Ion:188 Resp: 643831

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.2	9.2	13.8



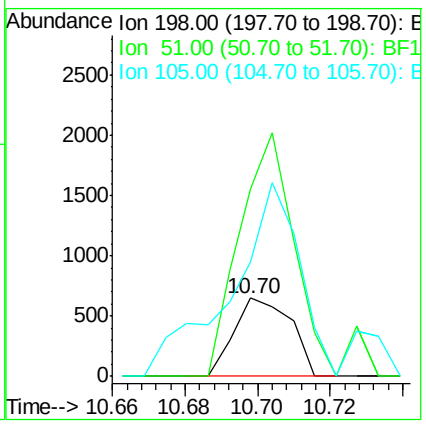


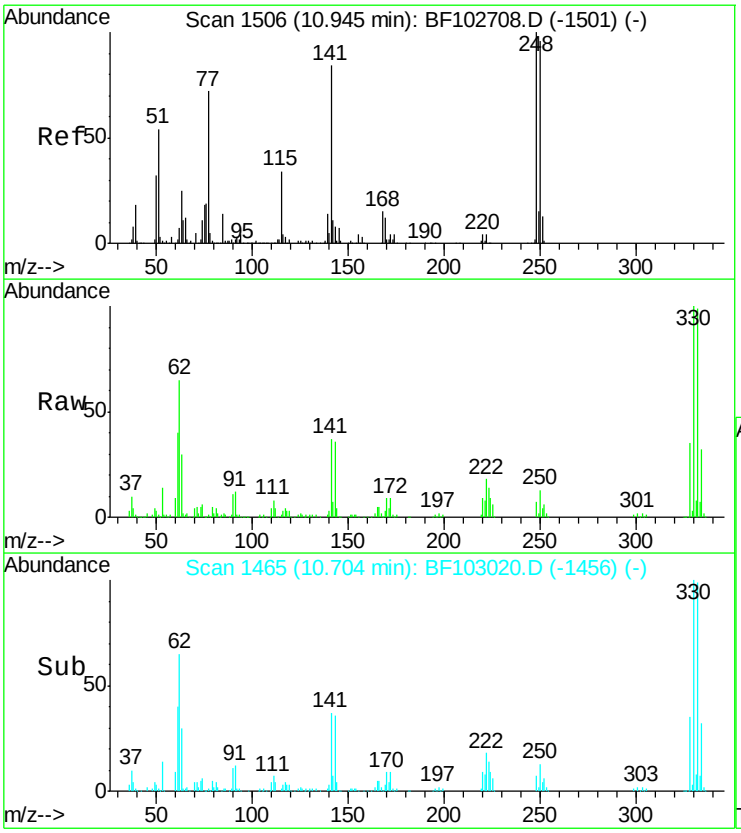
#64
4,6-Dinitro-2-methylphenol
Concen: 9.034 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Tgt Ion:198 Resp: 701

Ion	Ratio	Lower	Upper
198	100		
51	238.7	37.7	77.7#
105	145.5	36.3	76.3#

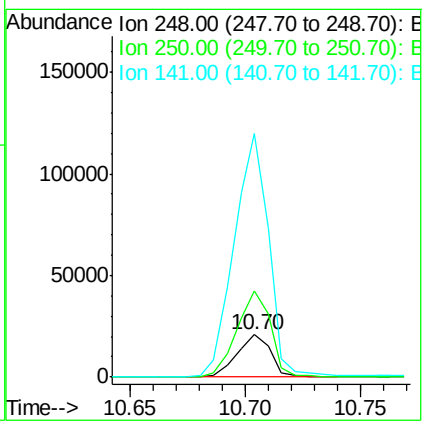


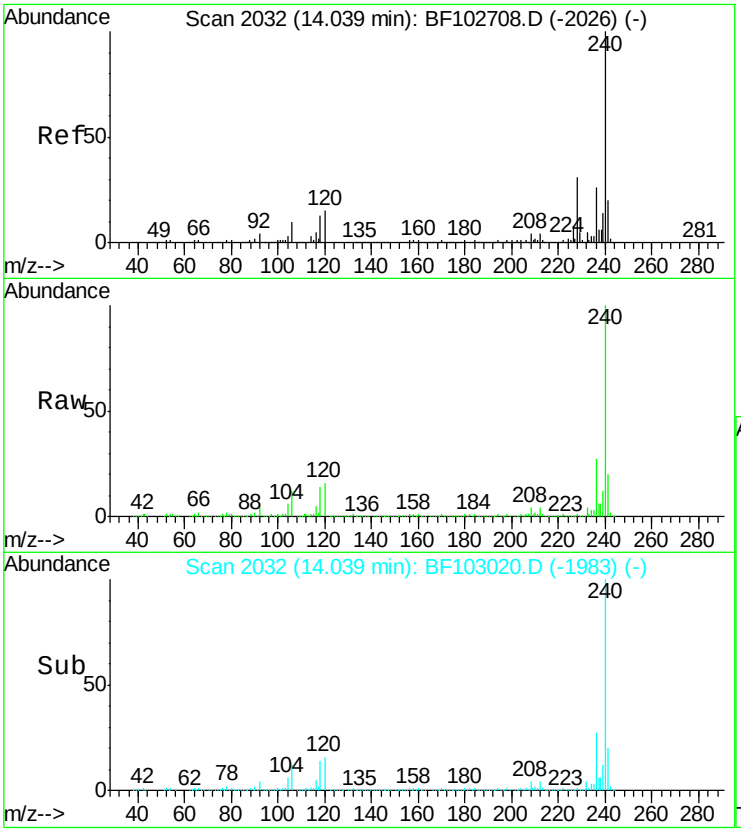


#66
4-Bromophenyl-phenylether
Concen: 3.109 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Tgt Ion:248 Resp: 21176

Ion	Ratio	Lower	Upper
248	100		
250	202.7	76.9	115.3#
141	571.8	74.4	111.6#



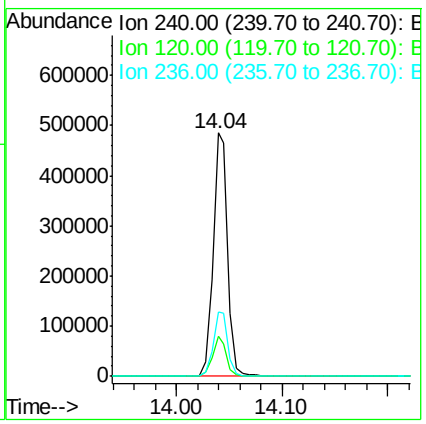


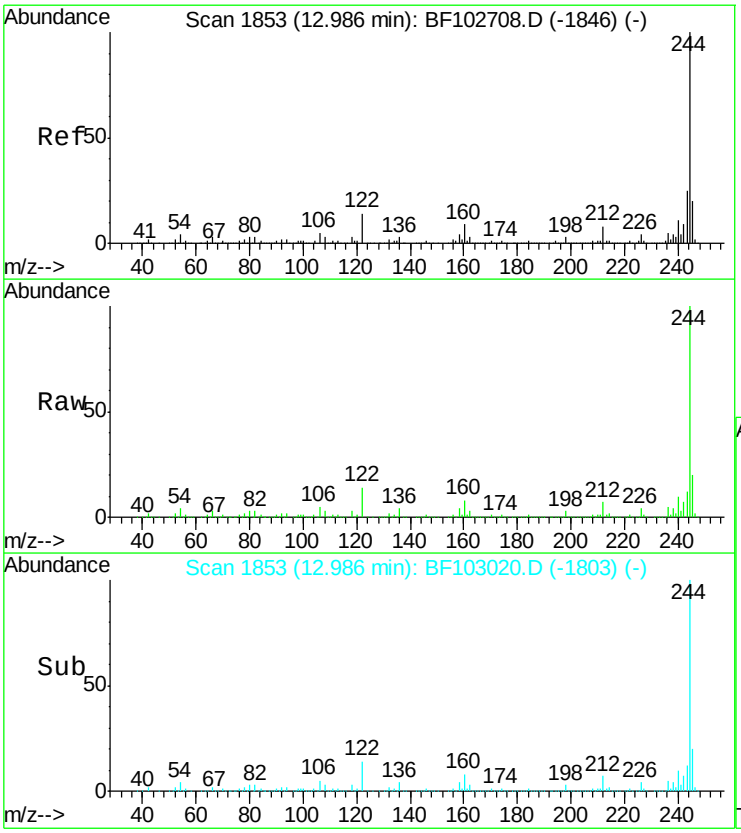
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Tgt Ion:240 Resp: 472450

Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3#
236	26.5	20.7	31.1

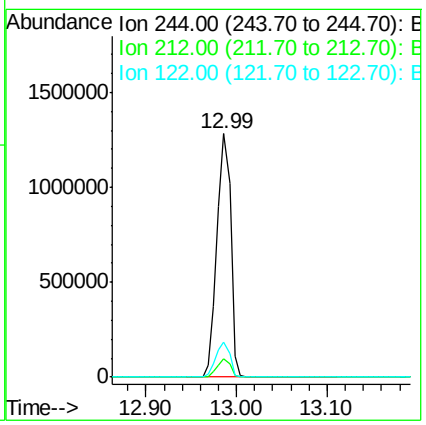


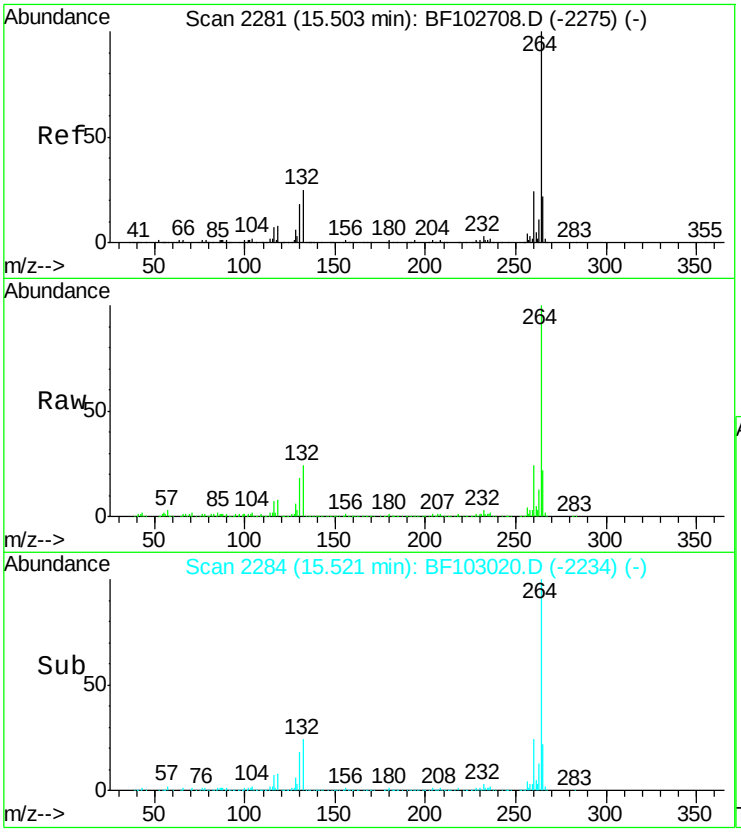


#78
Terphenyl-d14
Concen: 67.032 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Tgt Ion:244 Resp: 1337521

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	14.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF103020.D
Acq: 15 Feb 2018 16:27

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Tgt Ion:264 Resp: 381935

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.5	26.3