Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103287.D
Acq On : 28 Feb 2018 2:55
Operator : SJ/JU
Sample : J1683-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 28 03:58:28 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	165683	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	647741	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	259756	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	360557	20.00	ng		0.00
75) Chrysene-d12	14.05	240	262665	20.00	ng		0.00
86) Perylene-d12	15.56	264	194659	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	591529	54.00	ng		0.00
7) Phenol-d6	6.51	99	479059	35.74	ng		0.00
23) Nitrobenzene-d5	7.44	82	895729	78.97	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	191003	86.87	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1248162	82.09	ng		0.00
78) Terphenyl-d14	12.99	244	759847	69.54	ng		0.00
Target Compounds							Qvalue
17) 2-Methylphenol	7.13	107	35693	3.45	ng		95
18) Hexachloroethane	7.40	117	24347	5.13	ng	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	131608	15.78	ng	#	88
20) 3+4-Methylphenols	7.29	107	26142	2.07	ng	#	80
22) Acetophenone	7.28	105	189437	12.53	ng	#	96
25) Isophorone	7.44	82	878722	39.34	ng	#	64
27) 2,4-Dimethylphenol	7.83	122	169468	18.86	ng	#	92
31) Naphthalene	8.18	128	134702	4.25	ng		99
32) Benzoic acid	7.95	122	11695	8.42	ng	#	39
49) Dimethylphthalate	9.62	163	79311	3.81	ng		98
64) 4,6-Dinitro-2-methylphenol	10.70	198	355	5.09	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	13166	3.51	ng	#	1

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

Quantitation Report (Not Reviewed)

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Misc :
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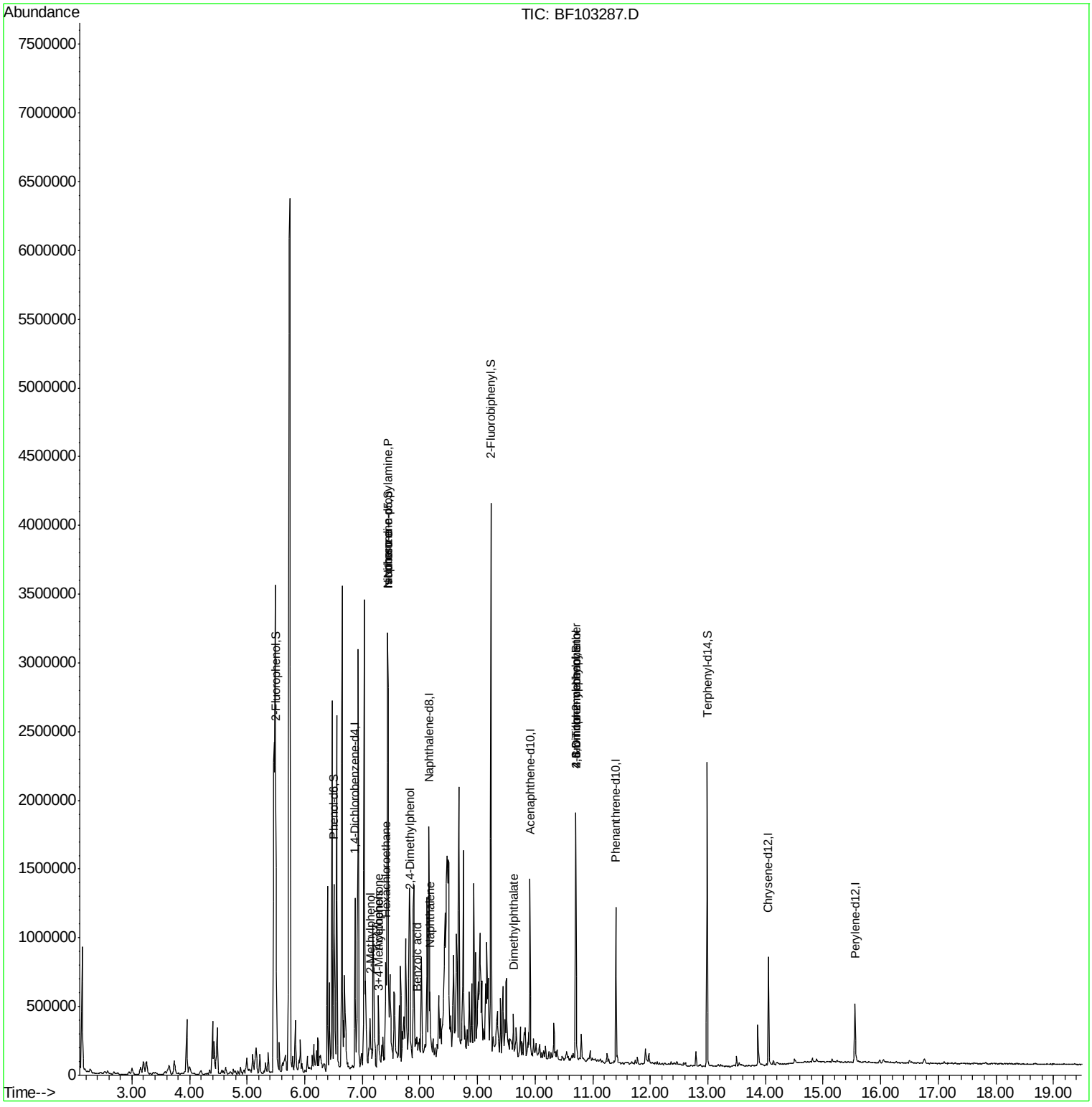
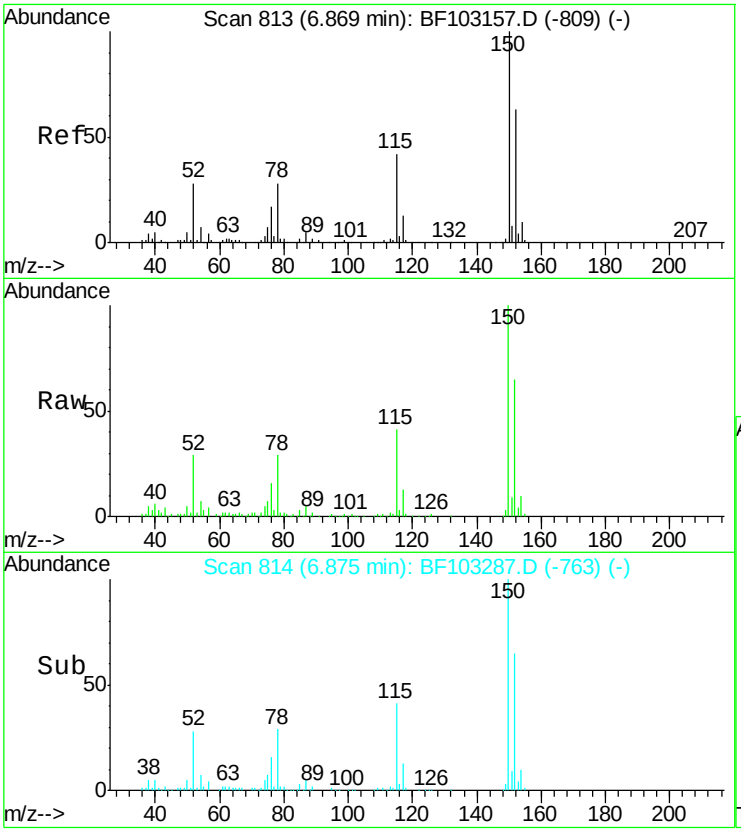


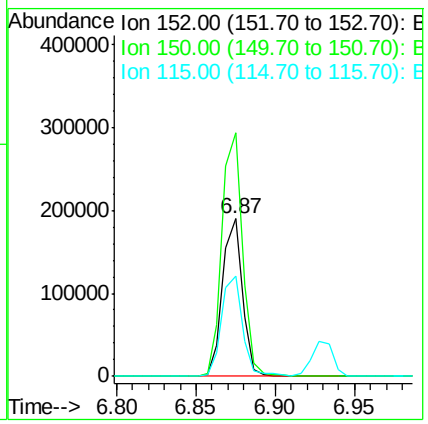


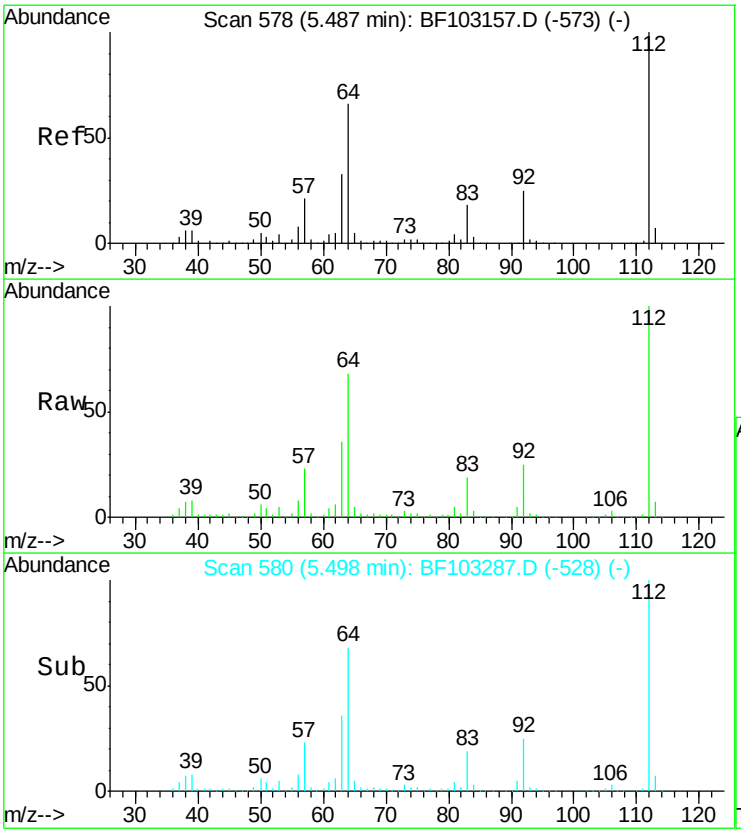
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 165683

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	64.1	50.1	75.1

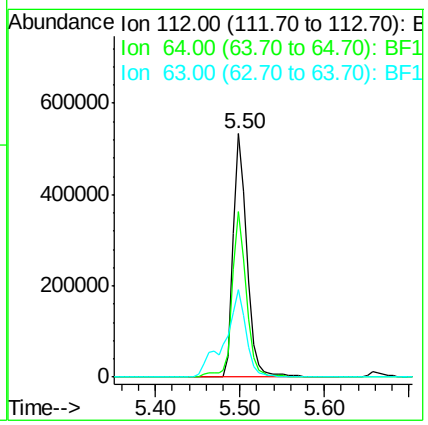


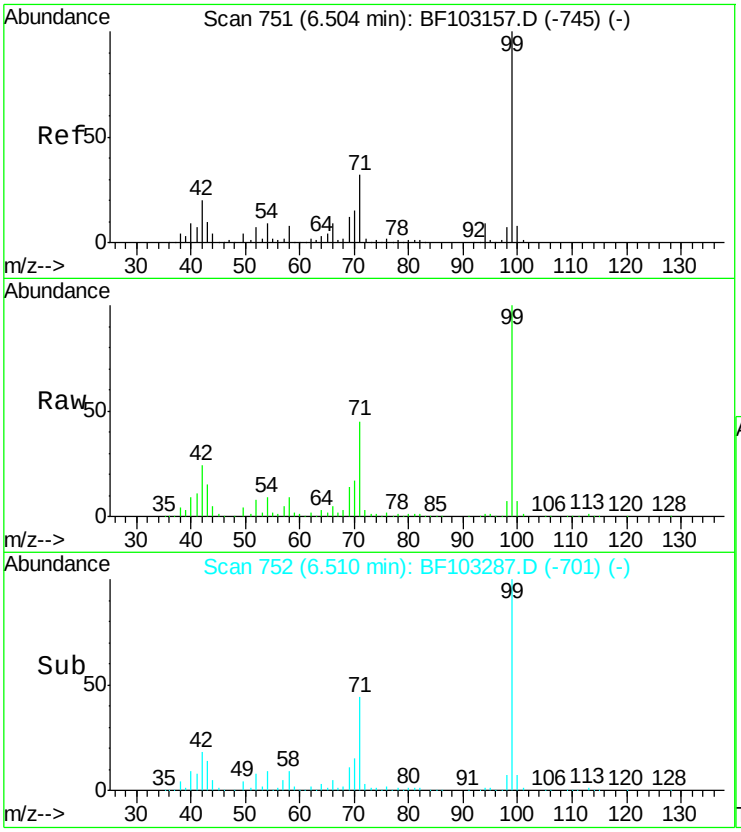


#5
2-Fluorophenol
Concen: 54.00 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion:112 Resp: 591529

Ion	Ratio	Lower	Upper
112	100		
64	67.8	47.9	71.9
63	36.1	23.7	35.5#



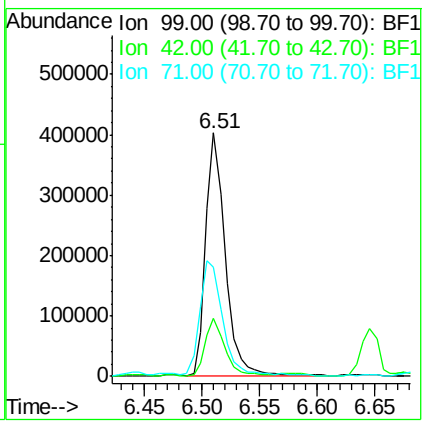


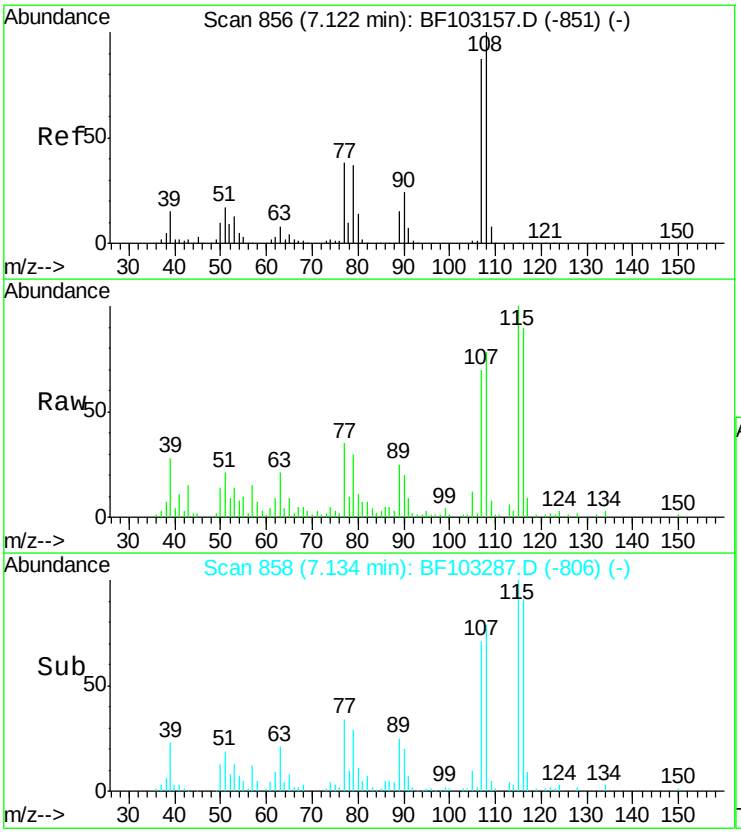
#7
Phenol-d6
Concen: 35.74 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 479059

Ion	Ratio	Lower	Upper
99	100		
42	23.6	14.5	21.7#
71	44.9	25.4	38.0#

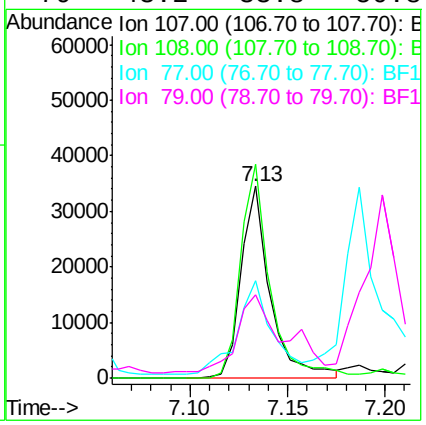


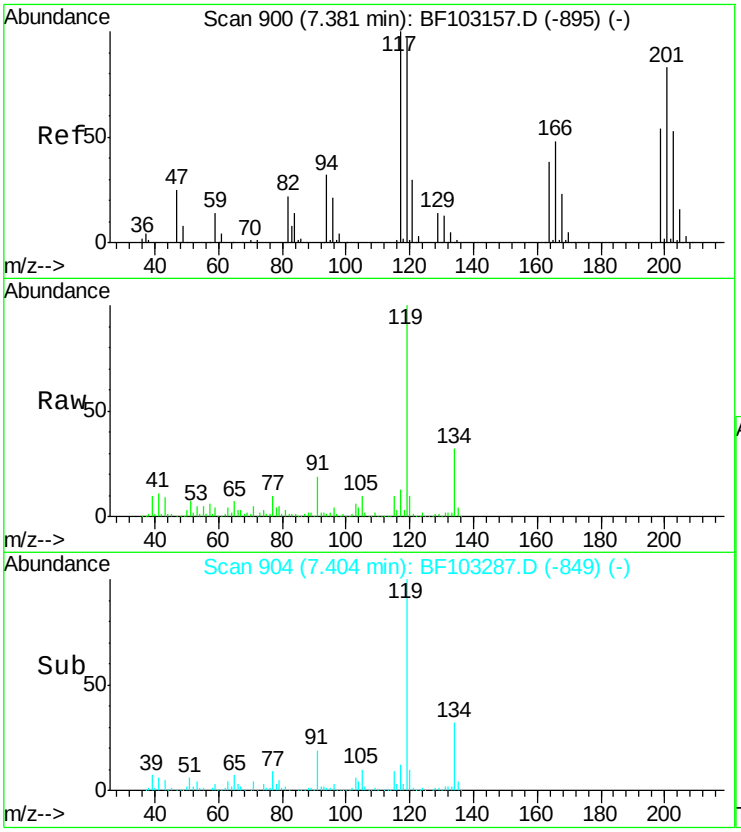


#17
2-Methylphenol
Concen: 3.45 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion:107 Resp: 35693

Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.7	137.5
77	50.6	33.8	50.8
79	43.2	33.8	50.8



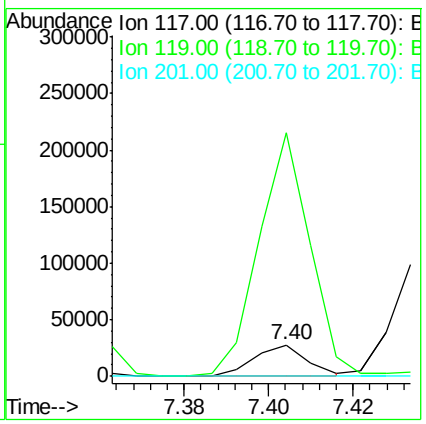


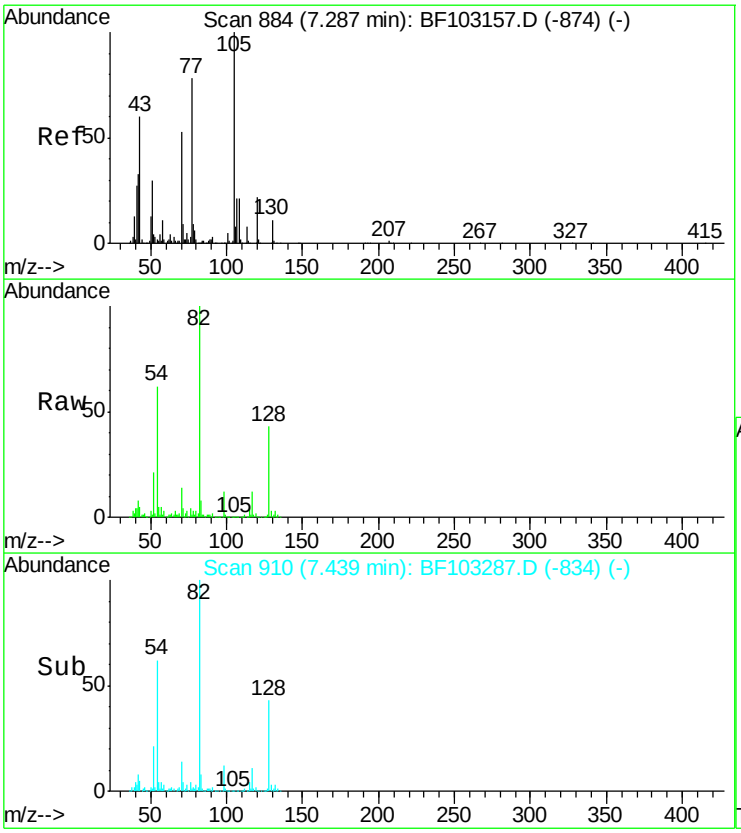
#18
Hexachloroethane
Concen: 5.13 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.02 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 24347

Ion	Ratio	Lower	Upper
117	100		
119	776.2	75.8	113.8#
201	0.0	75.7	113.5#

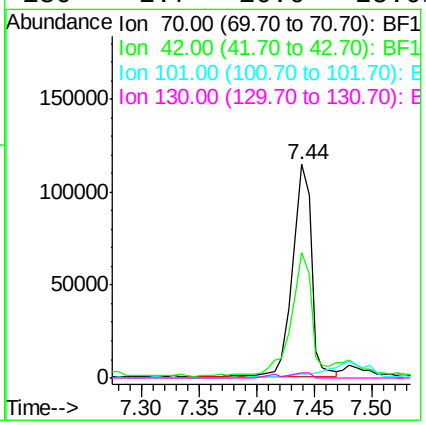


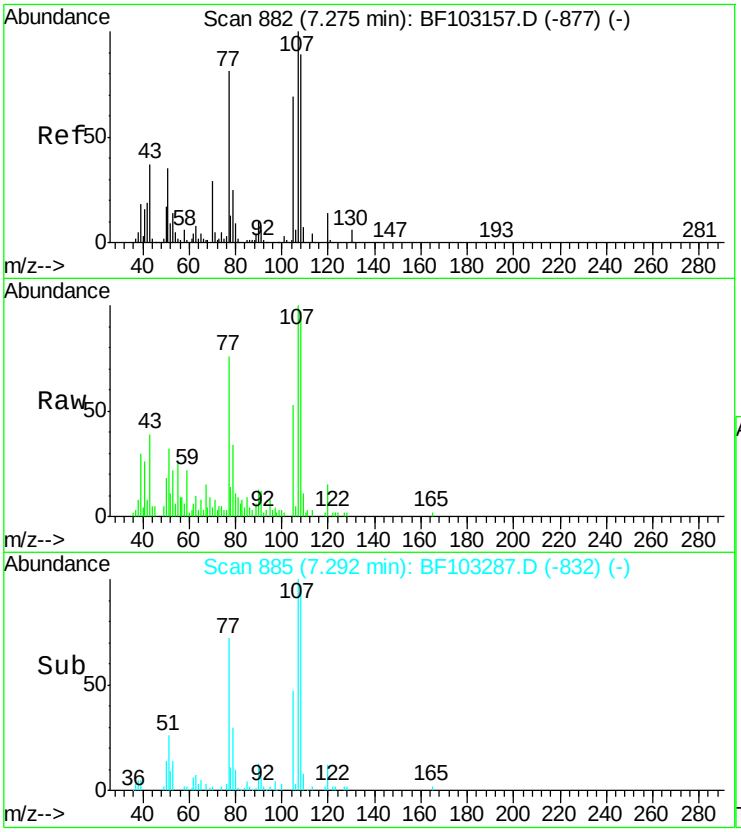


#19
n-Nitroso-di-n-propylamine
Concen: 15.78 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion: 70 Resp: 131608

Ion	Ratio	Lower	Upper
70	100		
42	58.5	47.5	71.3
101	1.6	7.4	11.2#
130	2.7	16.6	25.0#



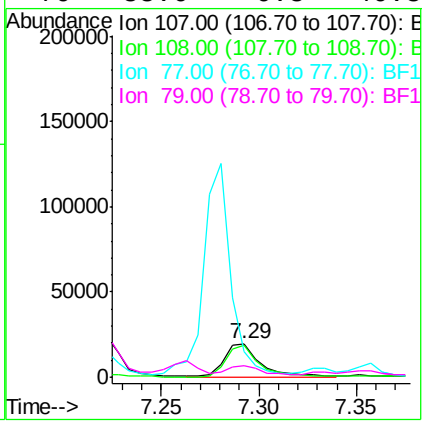


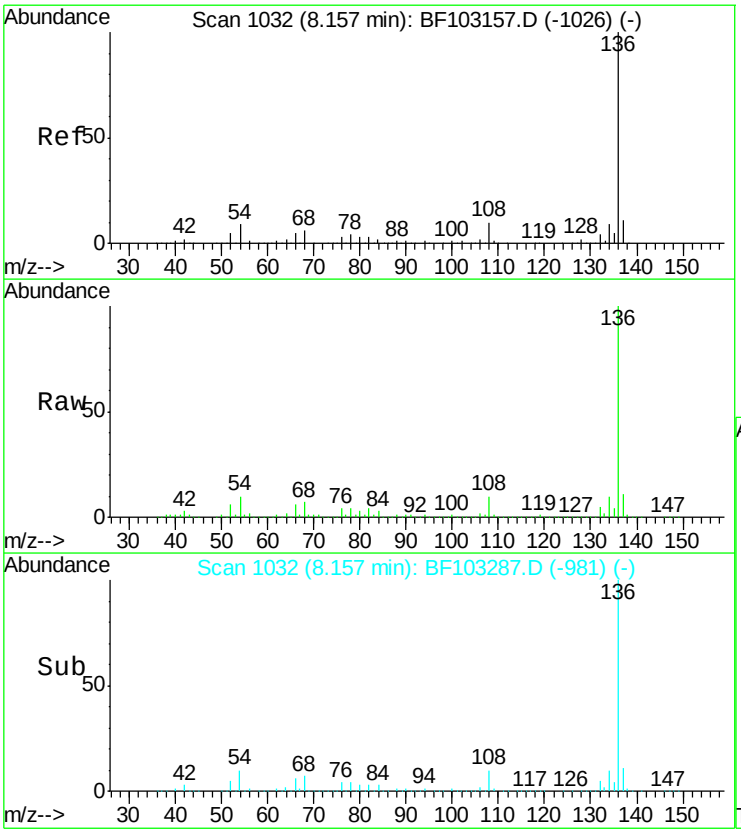
#20
3+4-Methylphenols
Concen: 2.07 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 26142

Ion	Ratio	Lower	Upper
107	100		
108	97.4	68.2	108.2
77	75.8	26.7	66.7#
79	33.6	6.3	46.3

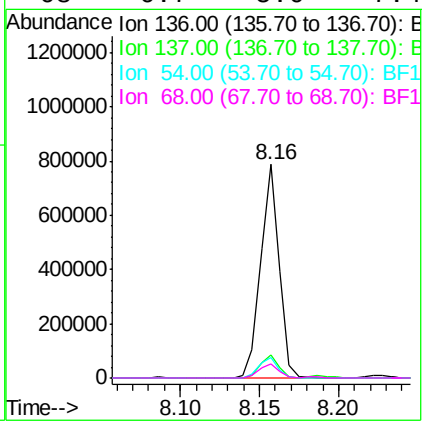


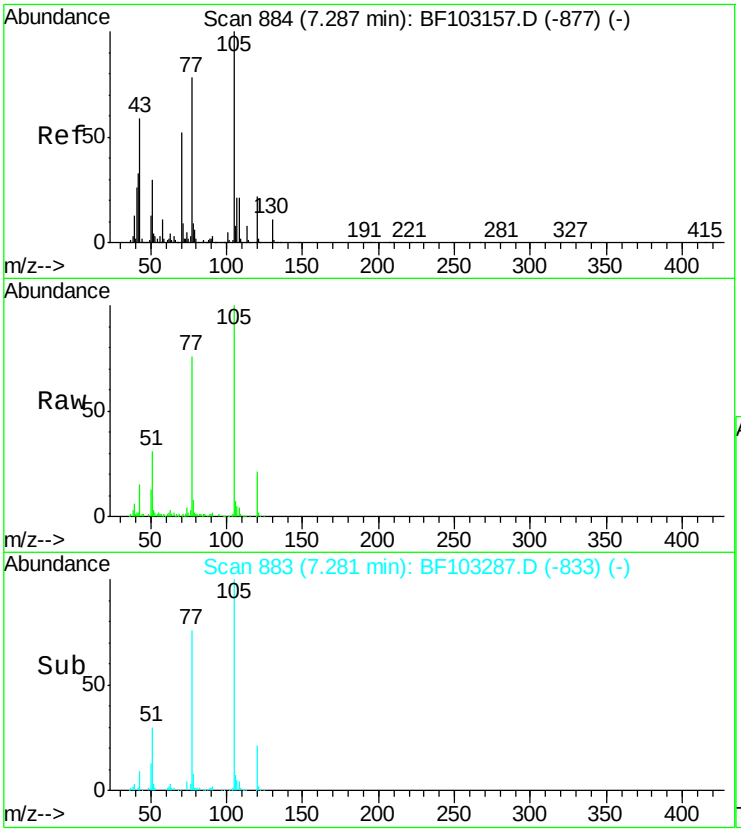


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion:136 Resp: 647741

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.9	6.6	9.8#
68	6.7	5.0	7.4



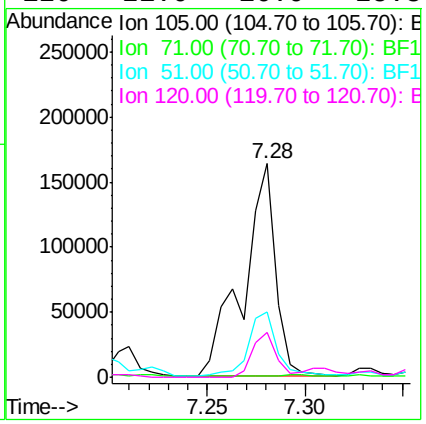


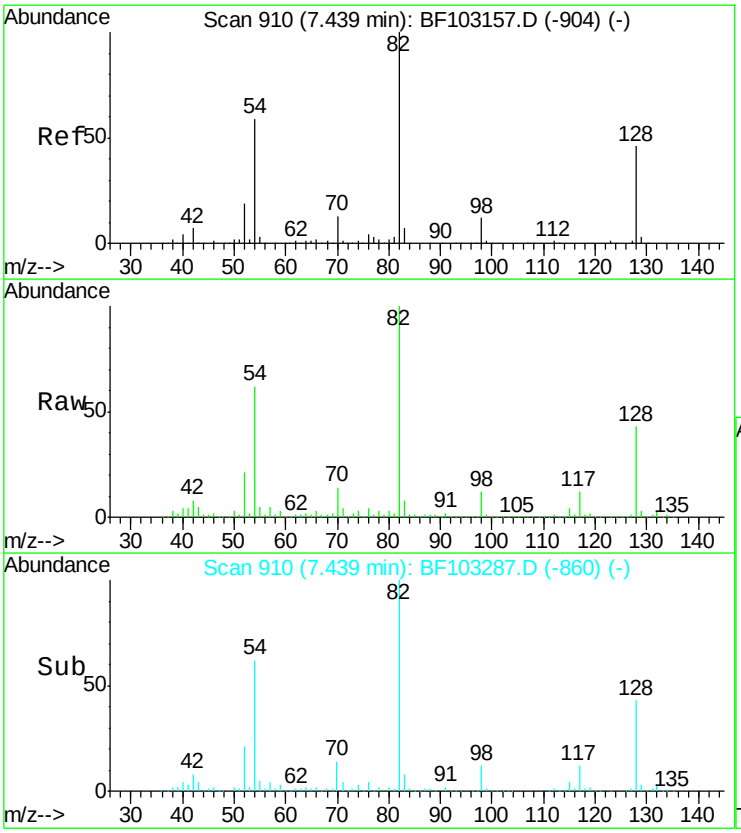
#22
Acetophenone
Concen: 12.53 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 189437

Ion	Ratio	Lower	Upper
105	100		
71	0.8	4.4	6.6#
51	30.5	22.3	33.5
120	21.0	16.9	25.3

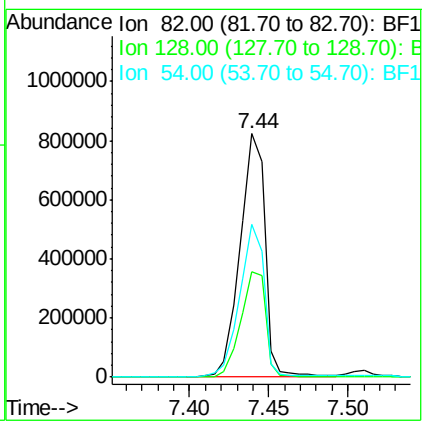


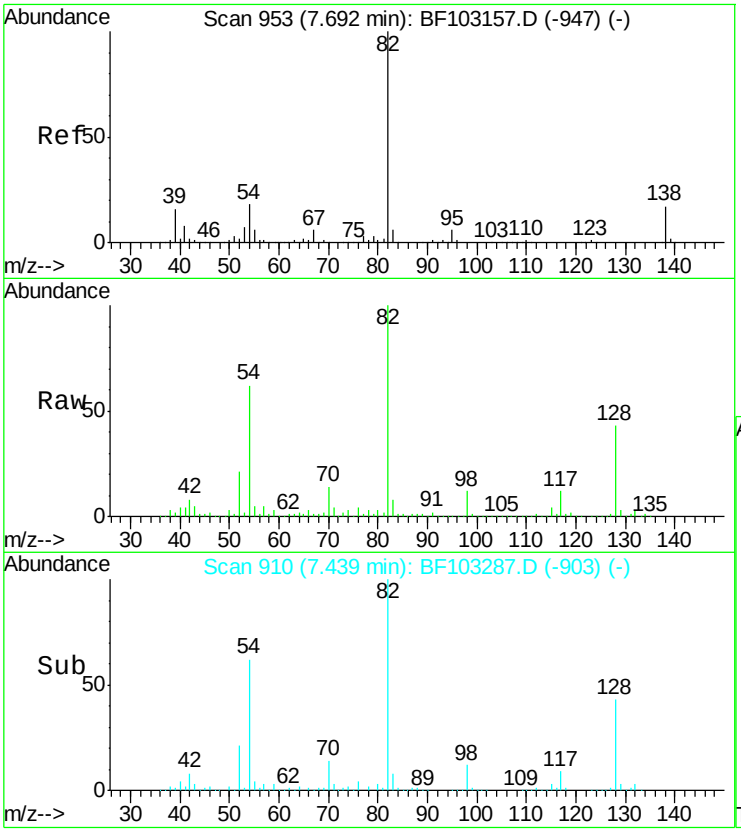


#23
Nitrobenzene-d5
Concen: 78.97 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion: 82 Resp: 895729

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	62.5	41.4	62.2#



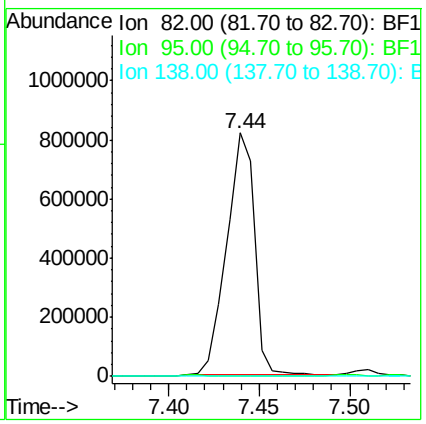


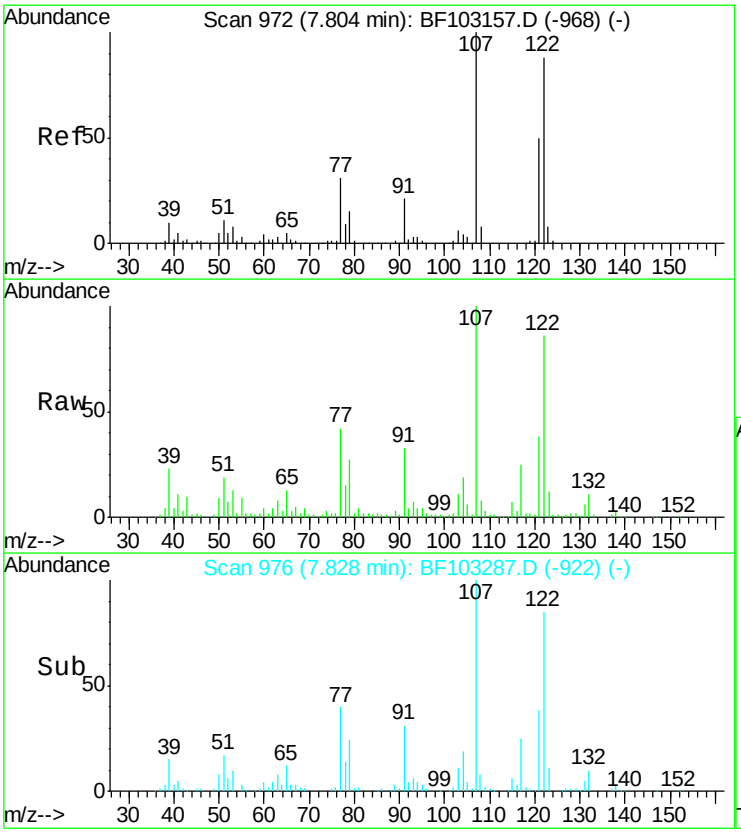
#25
Isophorone
Concen: 39.34 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 878722

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

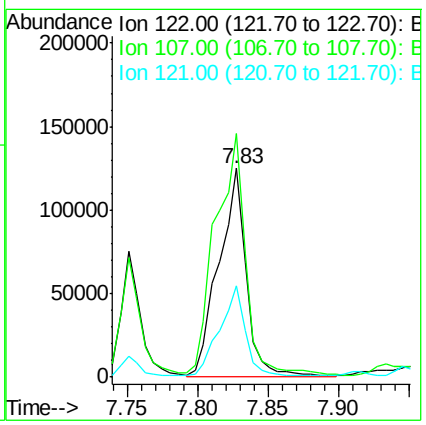


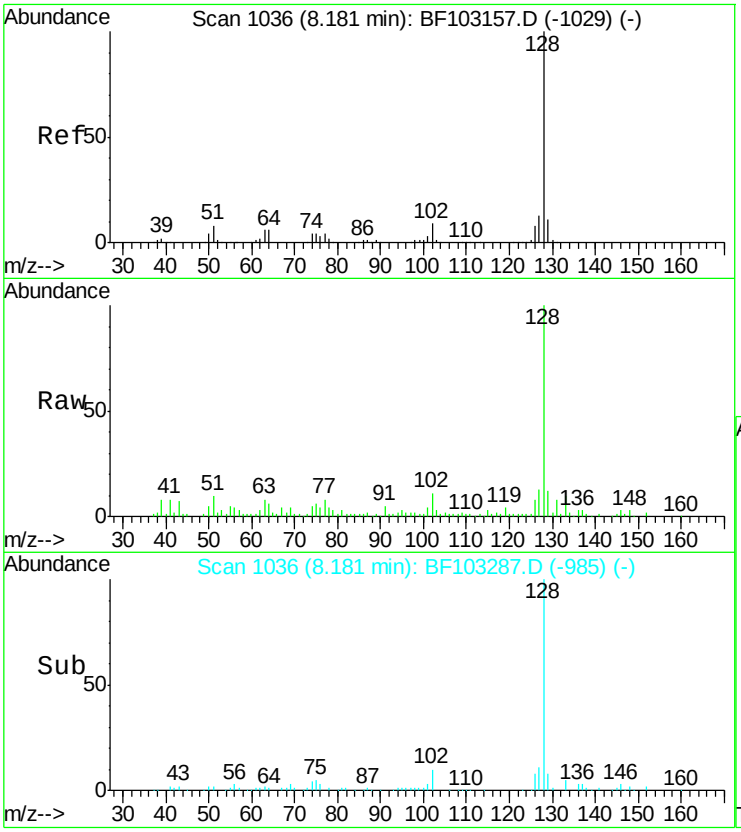


#27
2,4-Dimethylphenol
Concen: 18.86 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.02 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion:122 Resp: 169468

Ion	Ratio	Lower	Upper
122	100		
107	116.7	91.2	136.8
121	44.0	47.2	70.8#



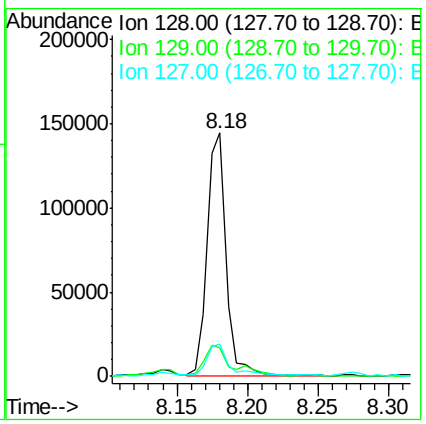


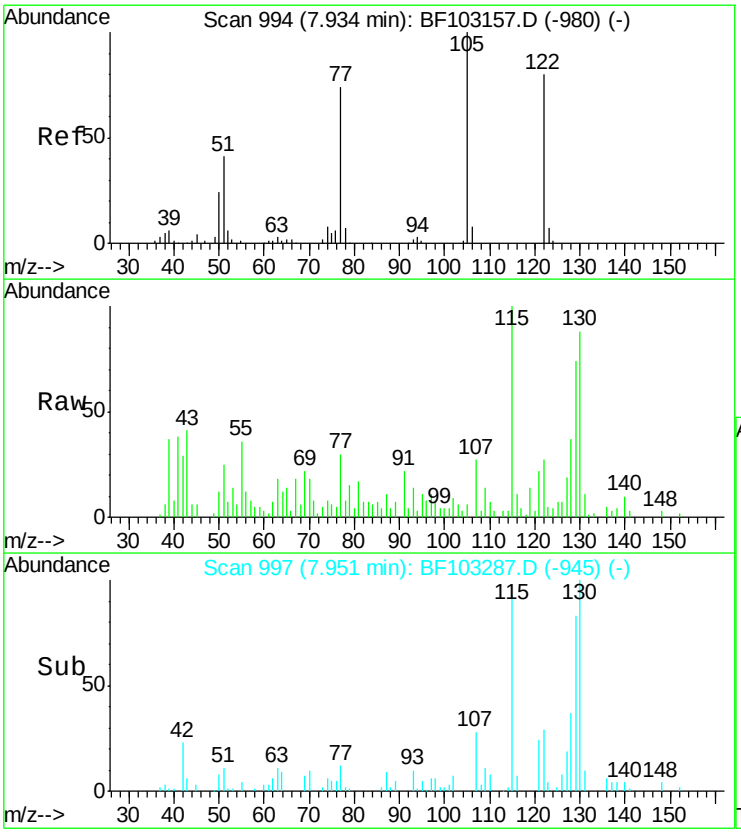
#31
Naphthalene
Concen: 4.25 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 134702

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.1	10.9	16.3

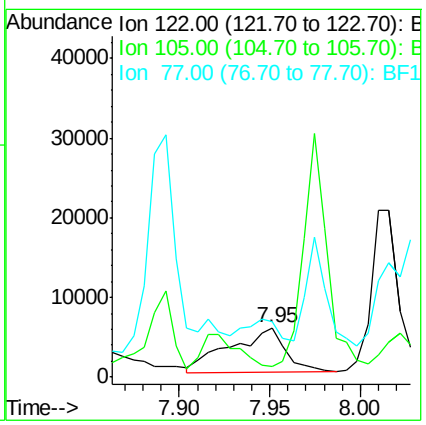


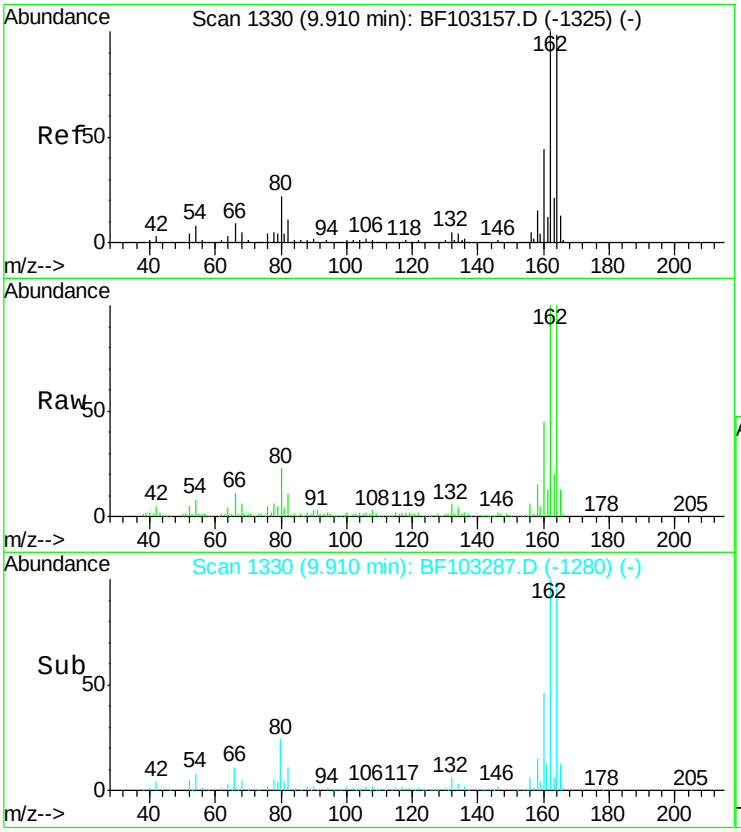


#32
Benzoic acid
Concen: 8.42 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion:122 Resp: 11695

Ion	Ratio	Lower	Upper
122	100		
105	21.5	101.1	141.1#
77	112.7	70.7	110.7#



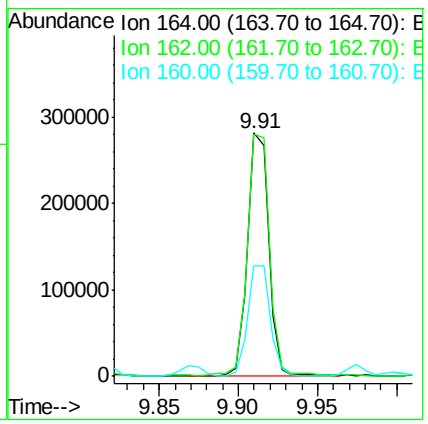


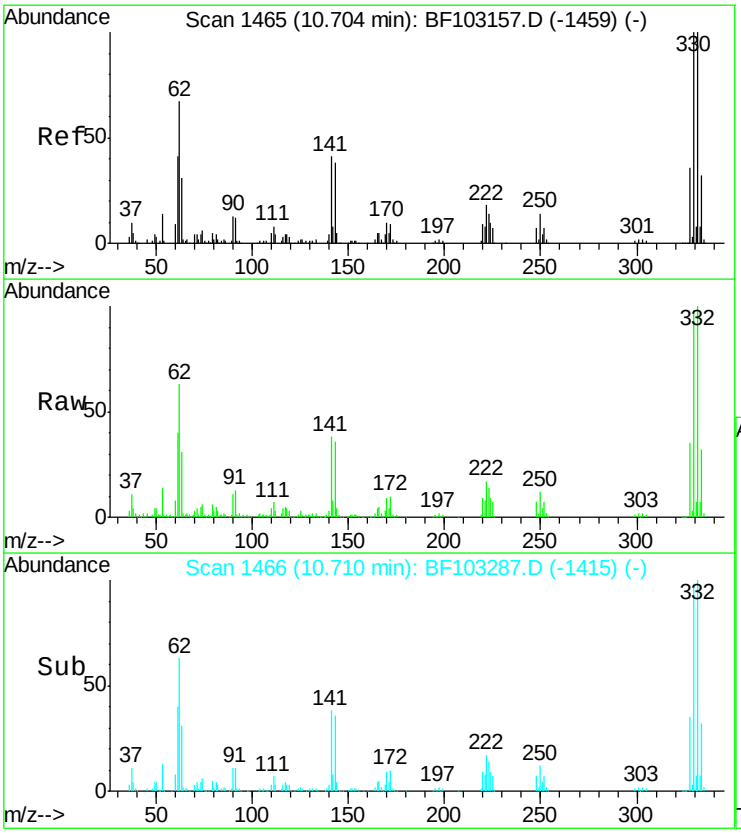
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 259756

Ion	Ratio	Lower	Upper
164	100		
162	99.7	86.1	129.1
160	45.3	38.3	57.5

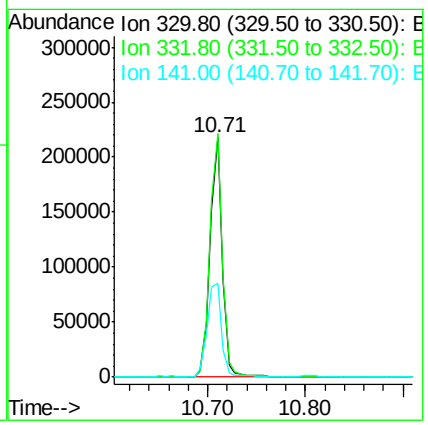


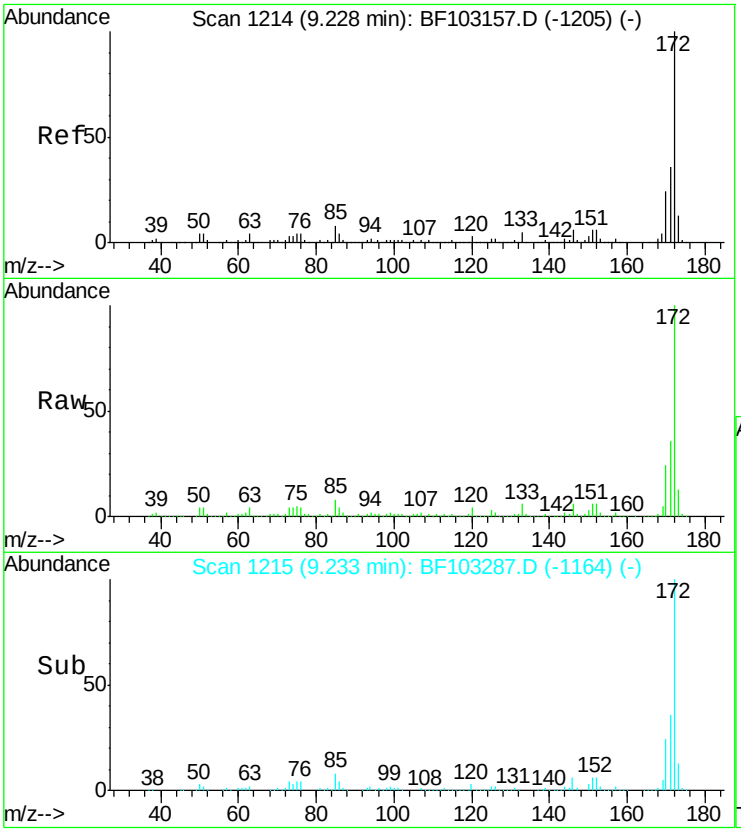


#41
2,4,6-Tribromophenol
Concen: 86.87 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion:330 Resp: 191003

Ion	Ratio	Lower	Upper
330	100		
332	103.4	77.0	115.6
141	45.5	29.9	44.9#



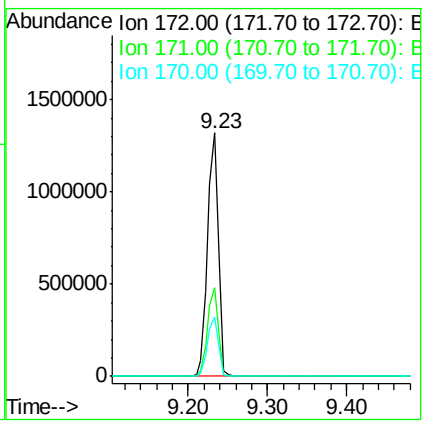


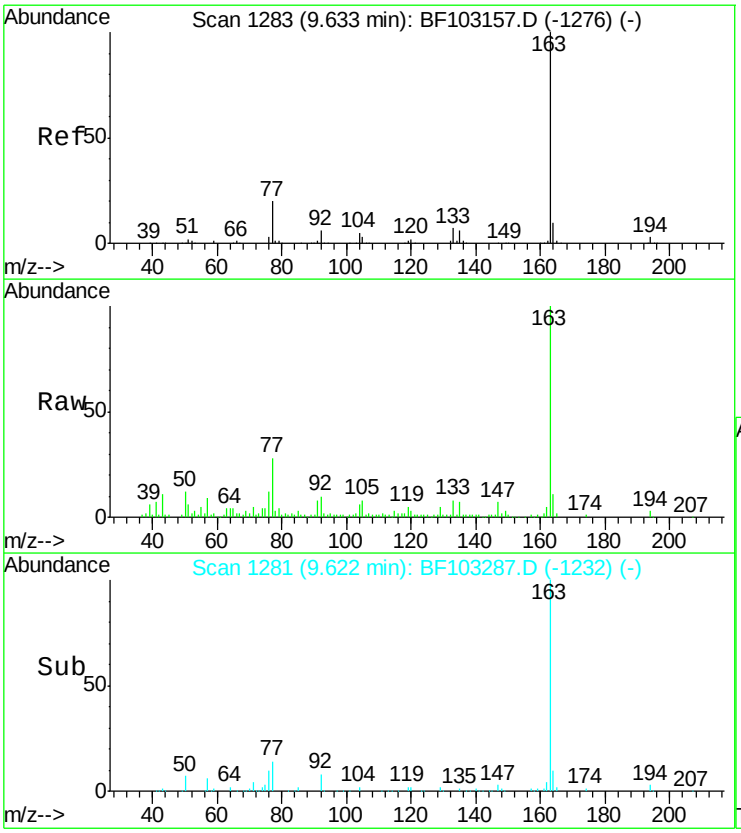
#44
2-Fluorobiphenyl
Concen: 82.09 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1248162

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4

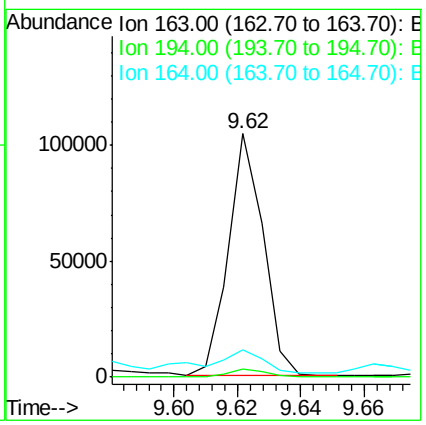


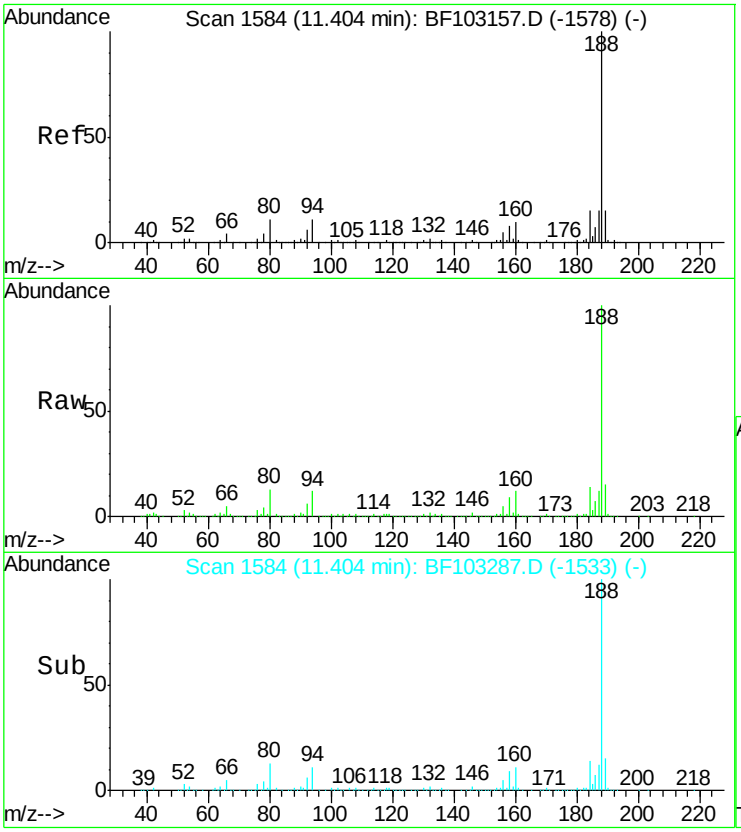


#49
Dimethylphthalate
Concen: 3.81 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion:163 Resp: 79311

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	11.2	8.2	12.2



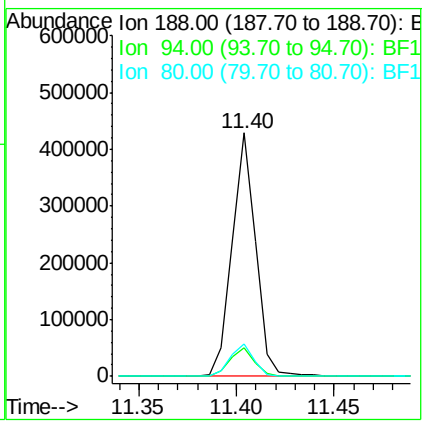


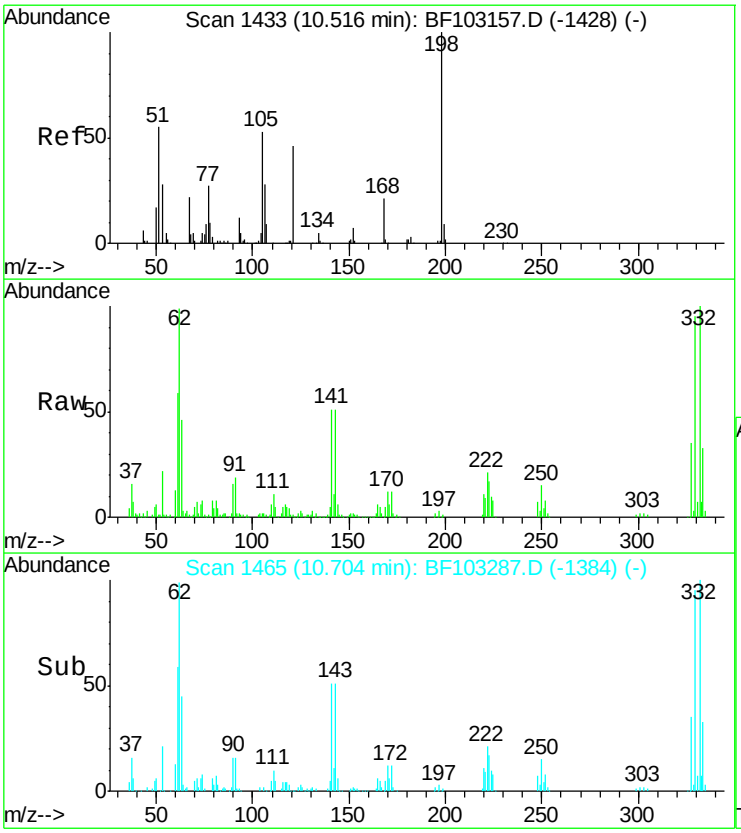
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 360557

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	13.3	9.2	13.8

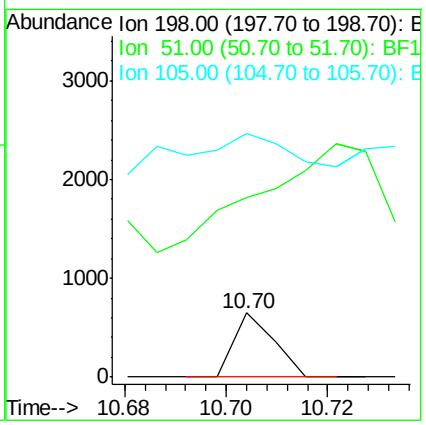


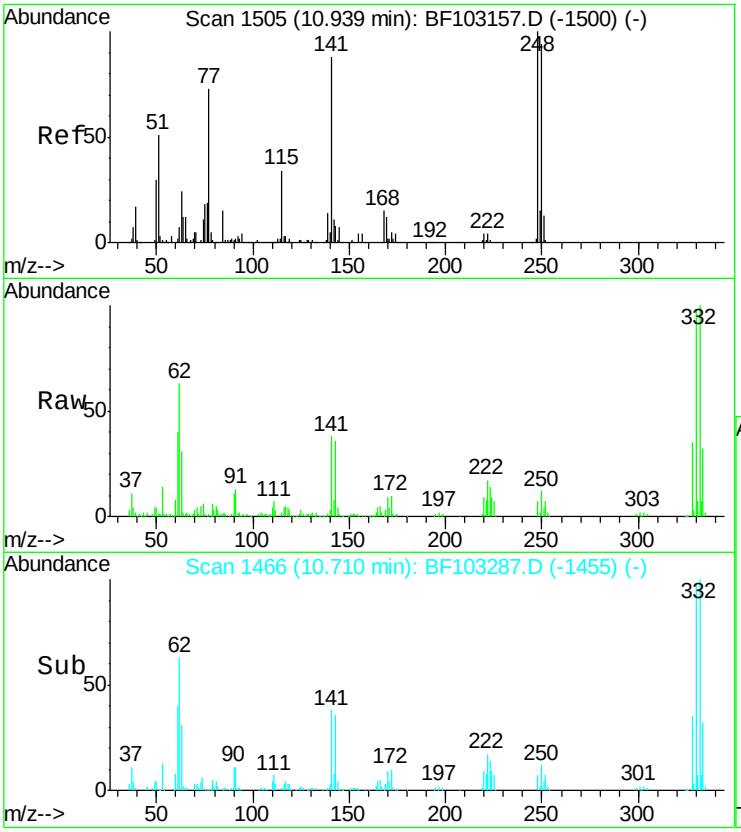


#64
4,6-Dinitro-2-methylphenol
Concen: 5.09 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion:198 Resp: 355

Ion	Ratio	Lower	Upper
198	100		
51	279.4	37.7	77.7#
105	379.7	36.3	76.3#



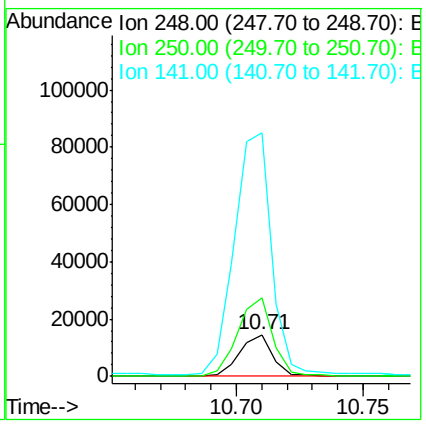


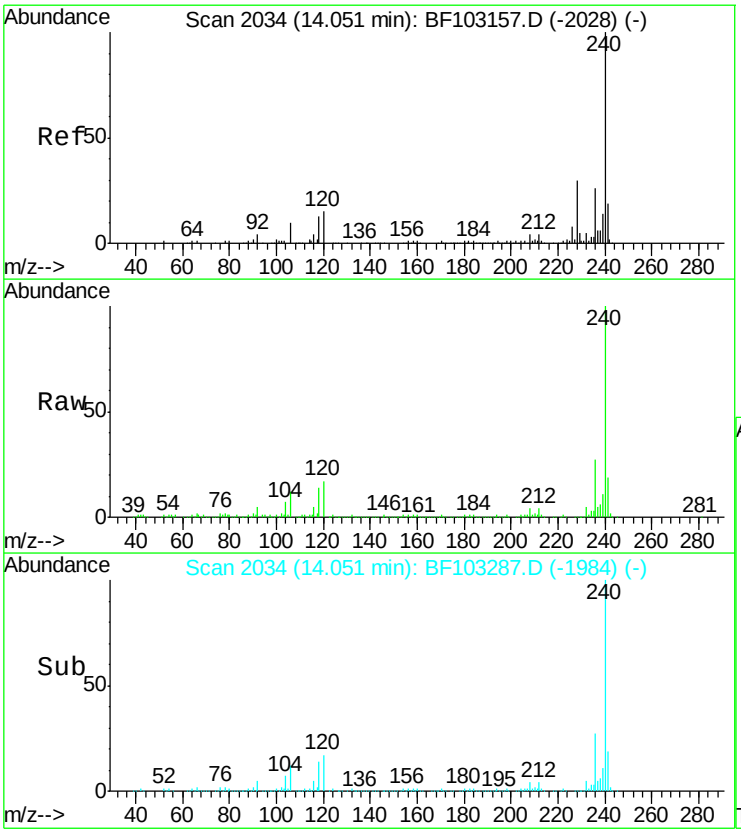
#66
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13166

Ion	Ratio	Lower	Upper
248	100		
250	188.7	76.9	115.3#
141	580.8	74.4	111.6#

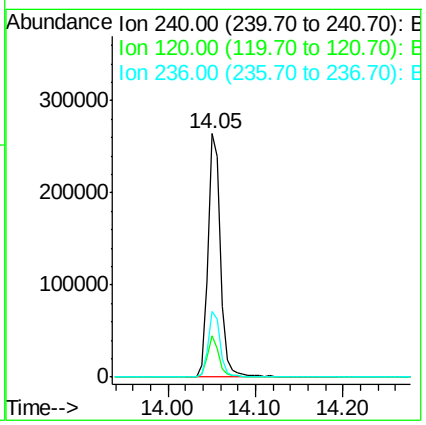


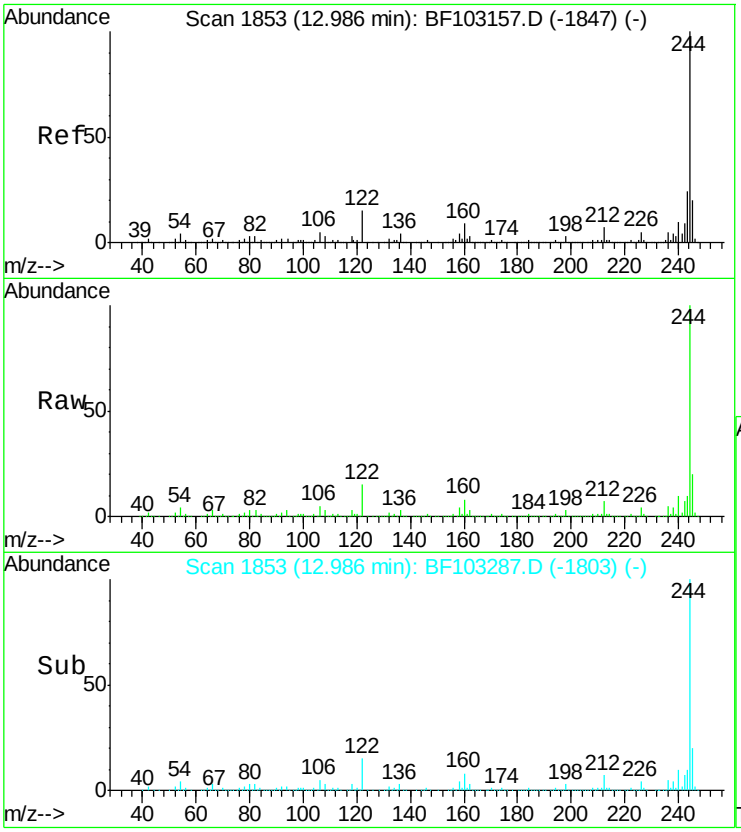


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion:240 Resp: 262665

Ion	Ratio	Lower	Upper
240	100		
120	16.9	9.5	14.3#
236	26.8	20.7	31.1



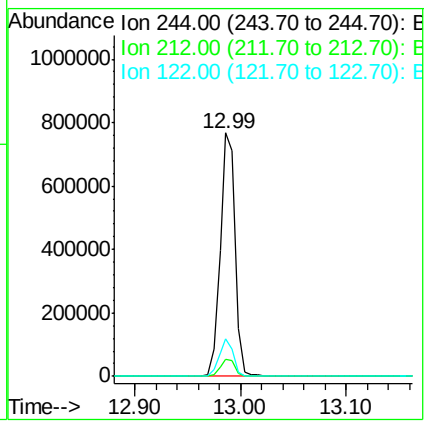


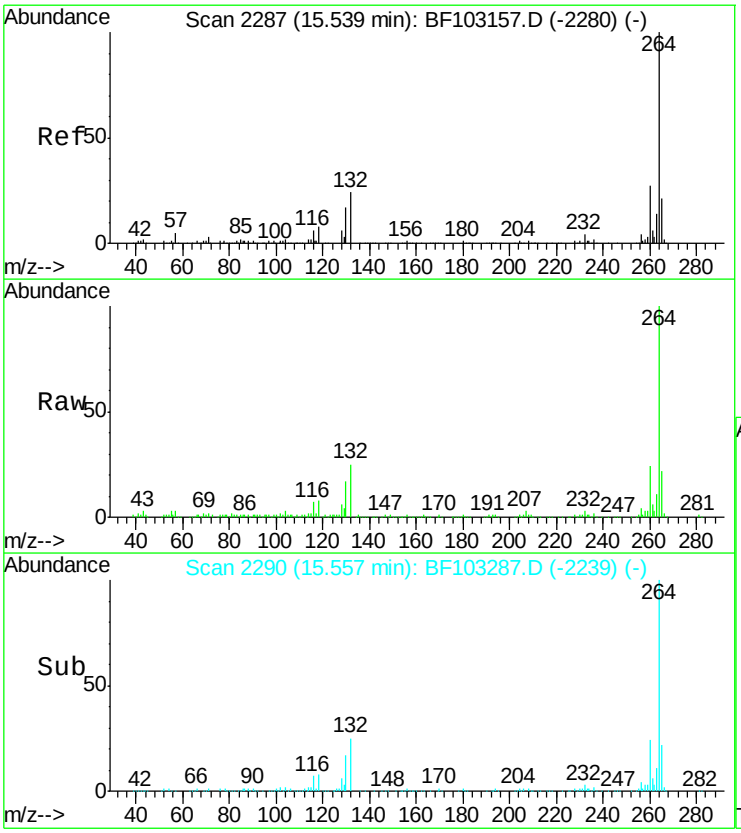
#78
Terphenyl-d14
Concen: 69.54 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 759847

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	15.2	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion:264 Resp: 194659

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3