Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104789.D
Acq On : 25 Apr 2018 15:26
Operator : JU/SJ
Sample : J247-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 26 08:12:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116779	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	501167	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	247709	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	481561	20.00	ng	0.00
75) Chrysene-d12	13.98	240	323312	20.00	ng	0.00
86) Perylene-d12	15.44	264	239122	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	471033	61.68	ng	0.00
7) Phenol-d6	6.43	99	405963	43.26	ng	-0.01
23) Nitrobenzene-d5	7.37	82	736794	96.00	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	352531	137.20	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1359570	86.71	ng	0.00
78) Terphenyl-d14	12.93	244	1459918	102.95	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	97642	15.924	ng	# 73
25) Isophorone	7.37	82	736877	45.402	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	32116	8.885	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	32116	6.774	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.64	198	741	7.615	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	21649	4.226	ng	# 1
76) Benzidine	12.93	184	19938	Below Cal		96

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

Quantitation Report (Not Reviewed)

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Acq On : 25 Apr 2018 15:26
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Misc :
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Instrument :
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ClientSampleId :

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
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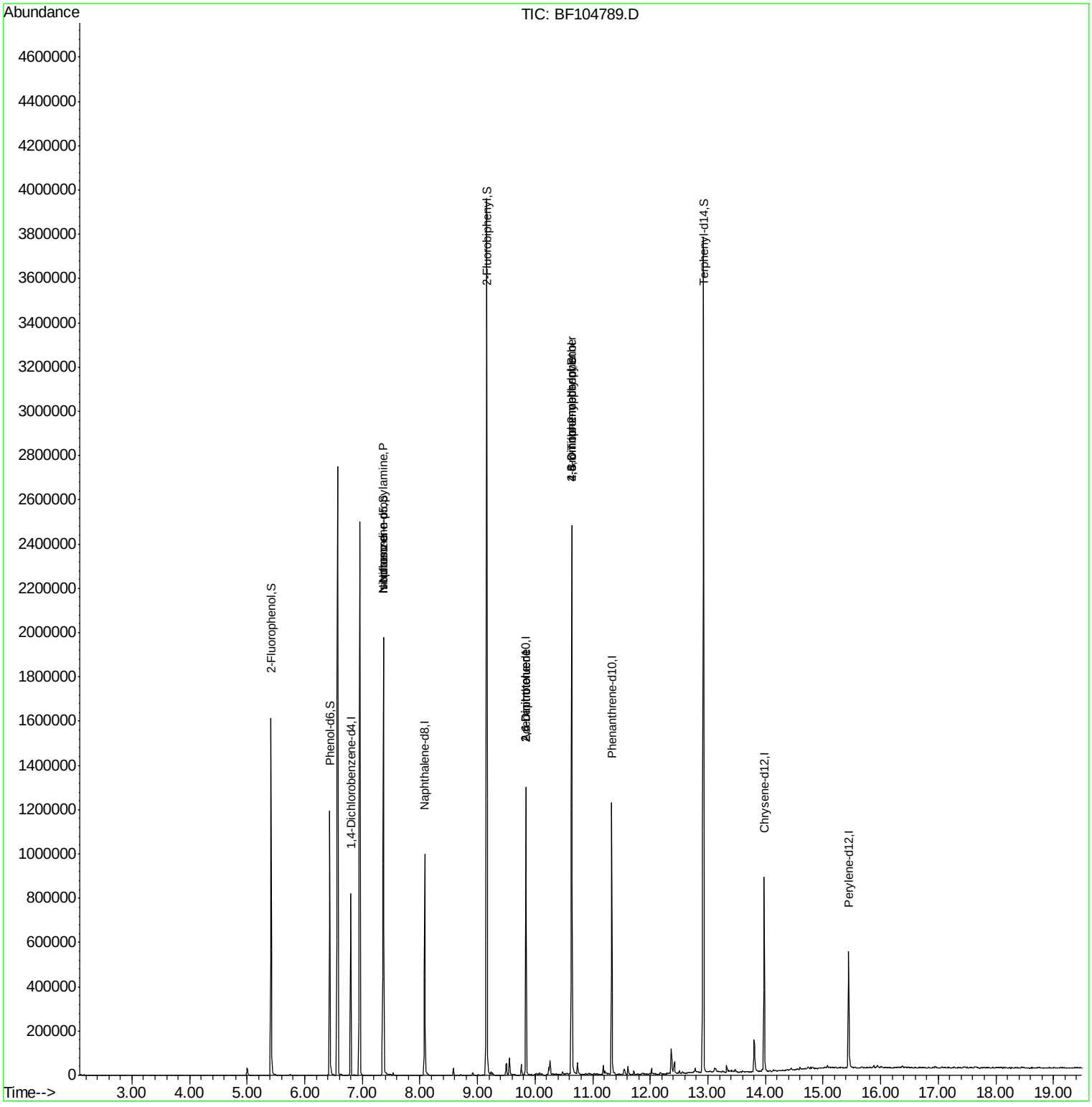
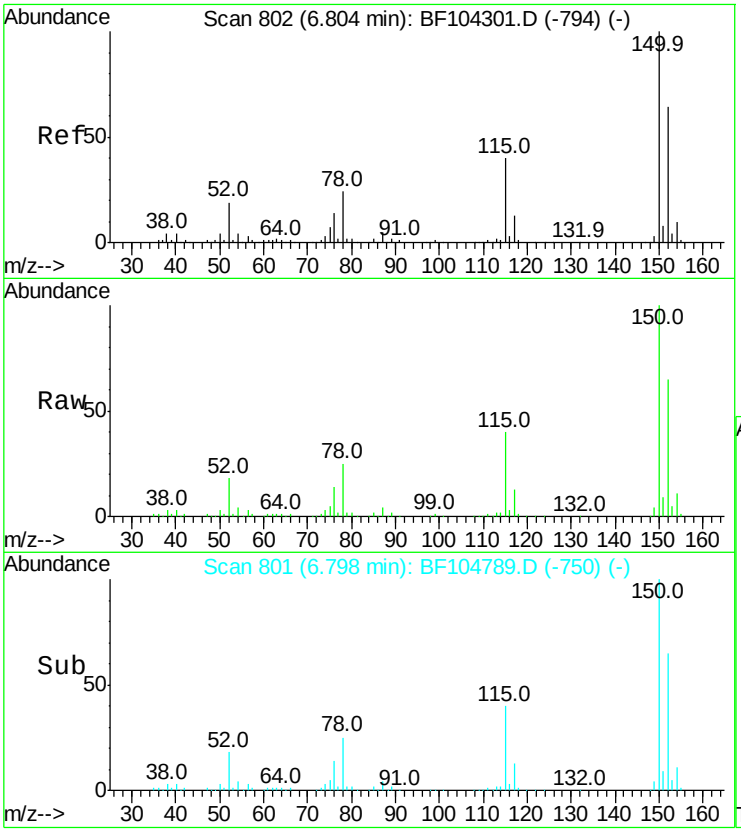


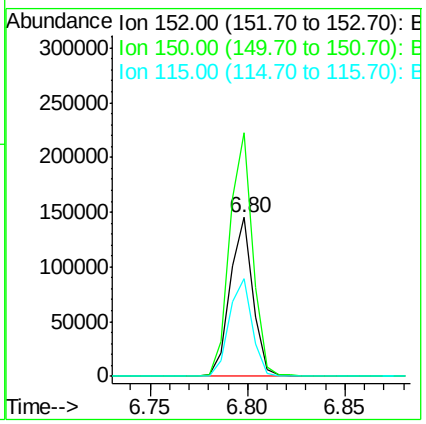


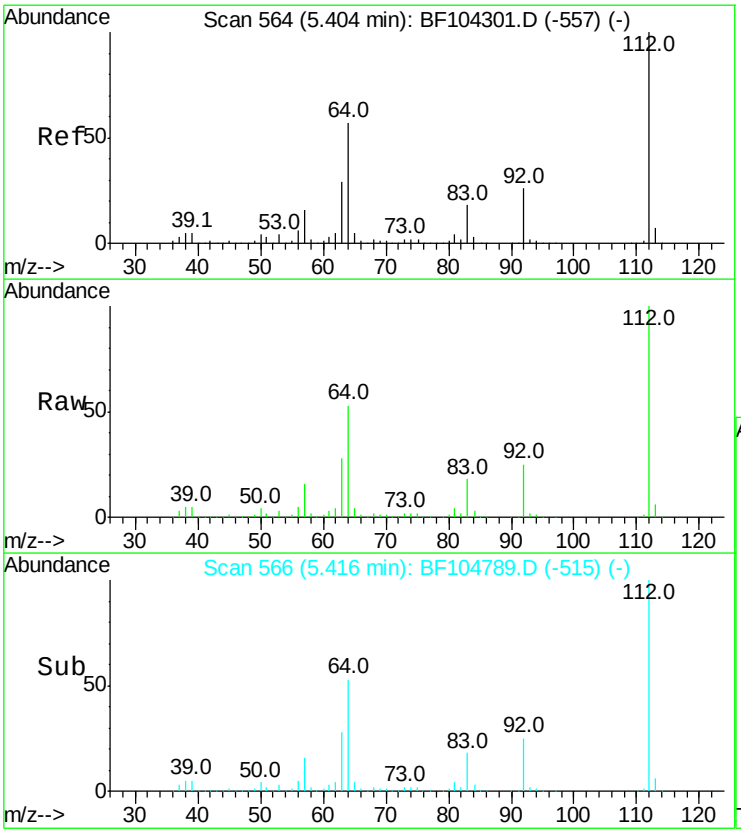
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 116779

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	61.3	50.1	75.1

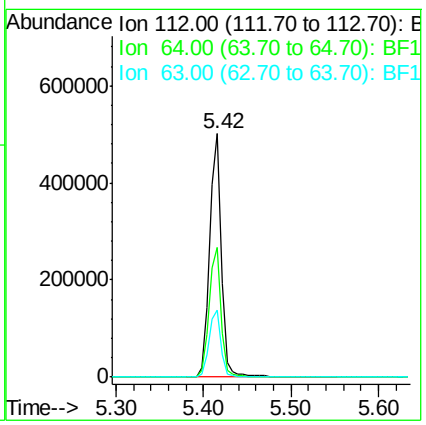


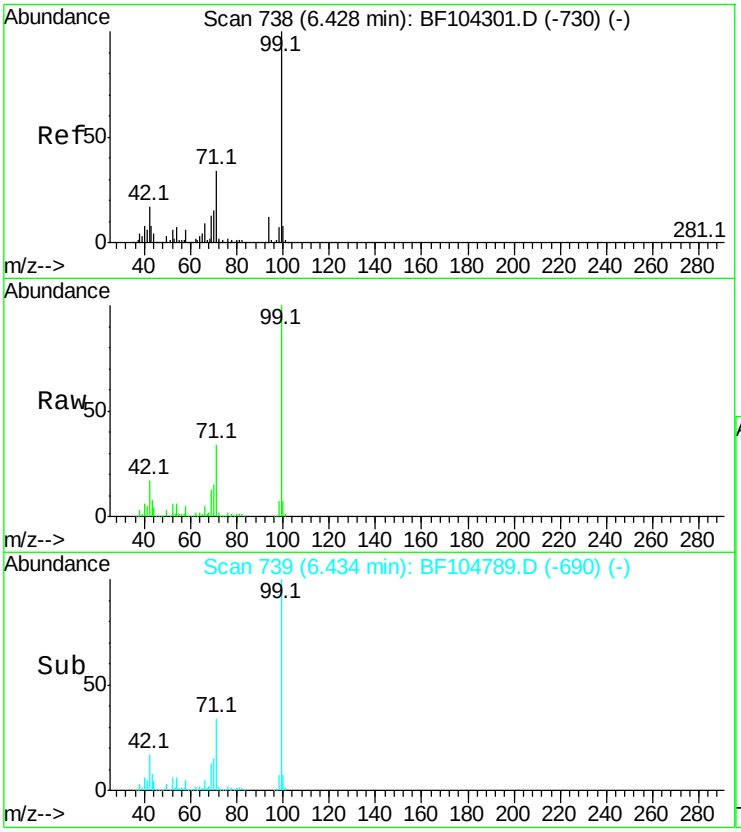


#5
2-Fluorophenol
Concen: 61.675 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Tgt Ion:112 Resp: 471033

Ion	Ratio	Lower	Upper
112	100		
64	53.1	47.9	71.9
63	27.7	23.7	35.5



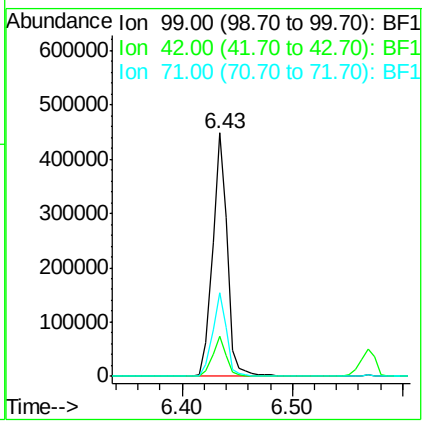


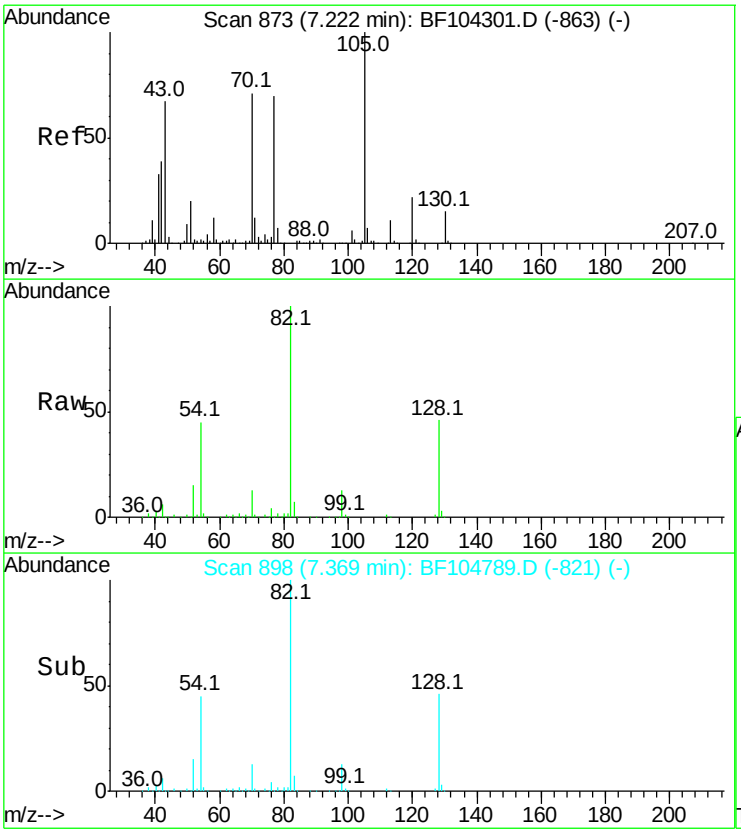
#7
Phenol-d6
Concen: 43.262 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 405963

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	34.1	25.4	38.0

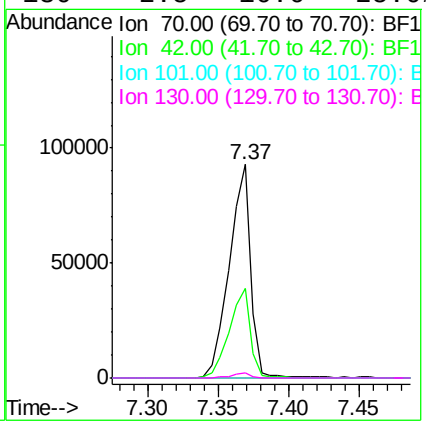


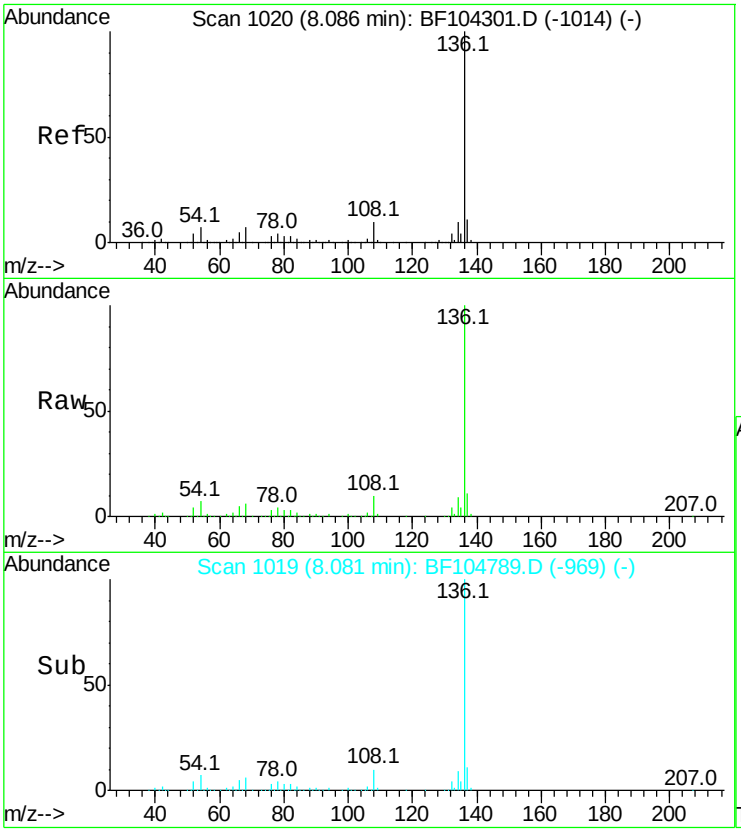


#19
n-Nitroso-di-n-propylamine
Concen: 15.924 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Tgt Ion: 70 Resp: 97642

Ion	Ratio	Lower	Upper
70	100		
42	41.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



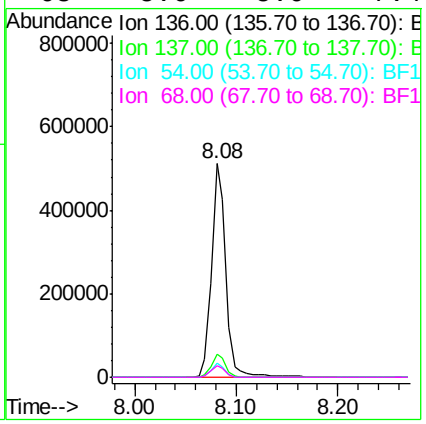


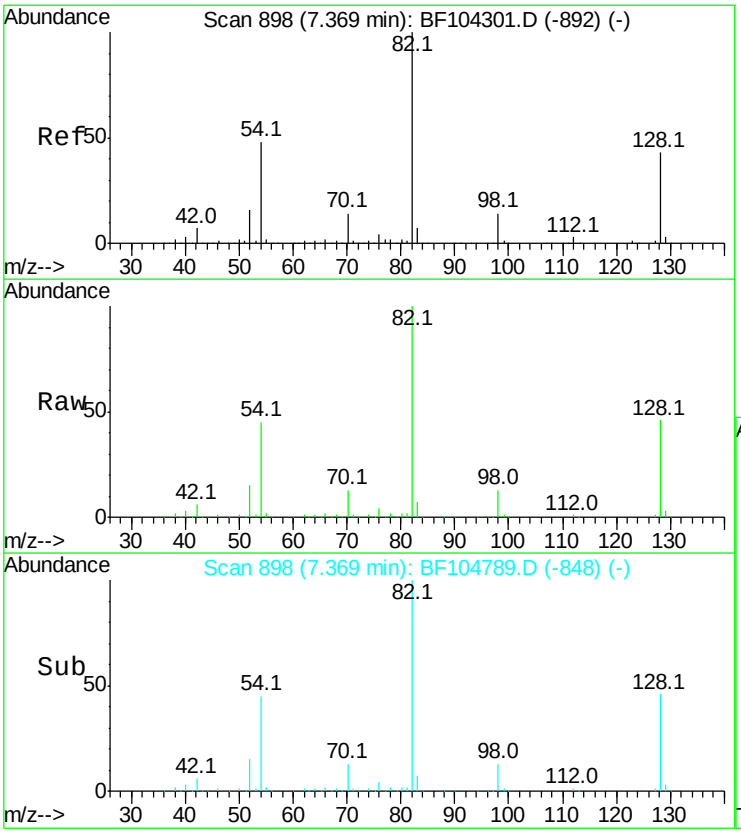
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 501167

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	6.6	9.8#
68	5.6	5.0	7.4

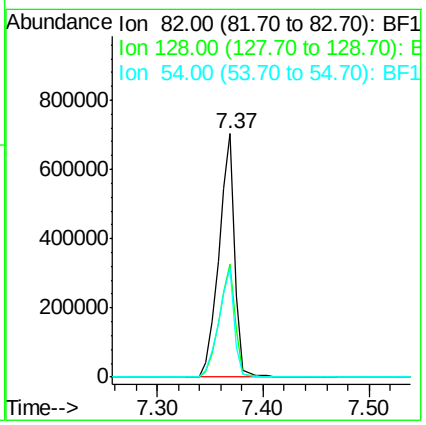


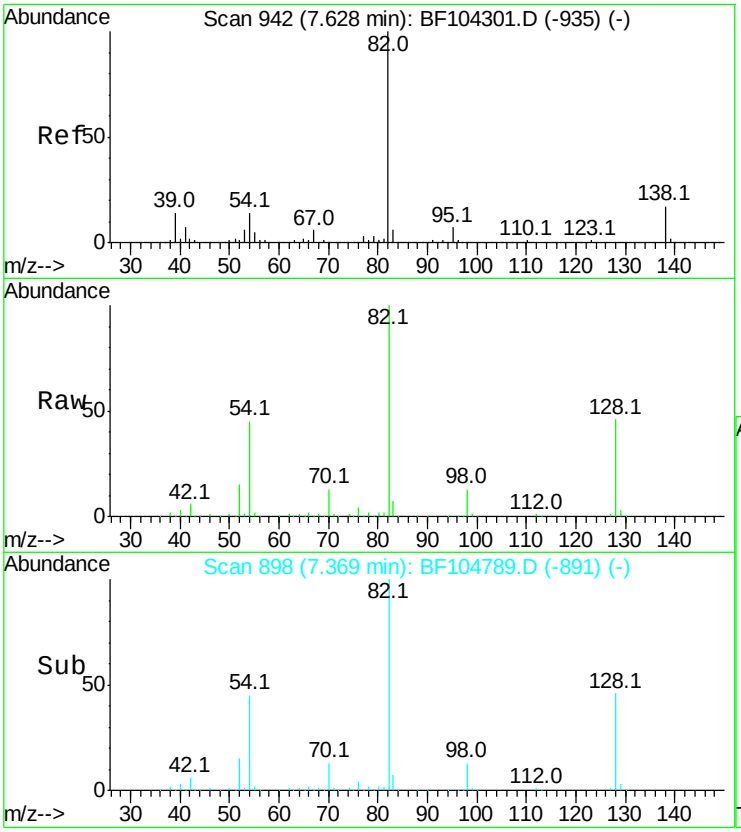


#23
Nitrobenzene-d5
Concen: 95.998 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Tgt Ion: 82 Resp: 736794

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	44.7	41.4	62.2



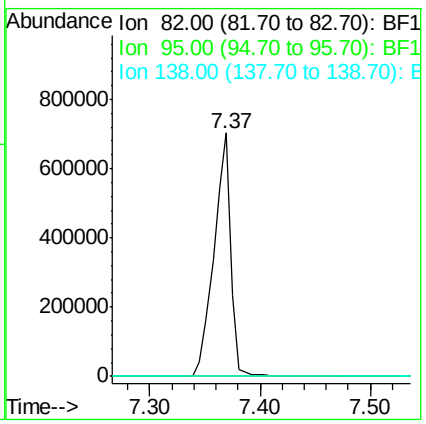


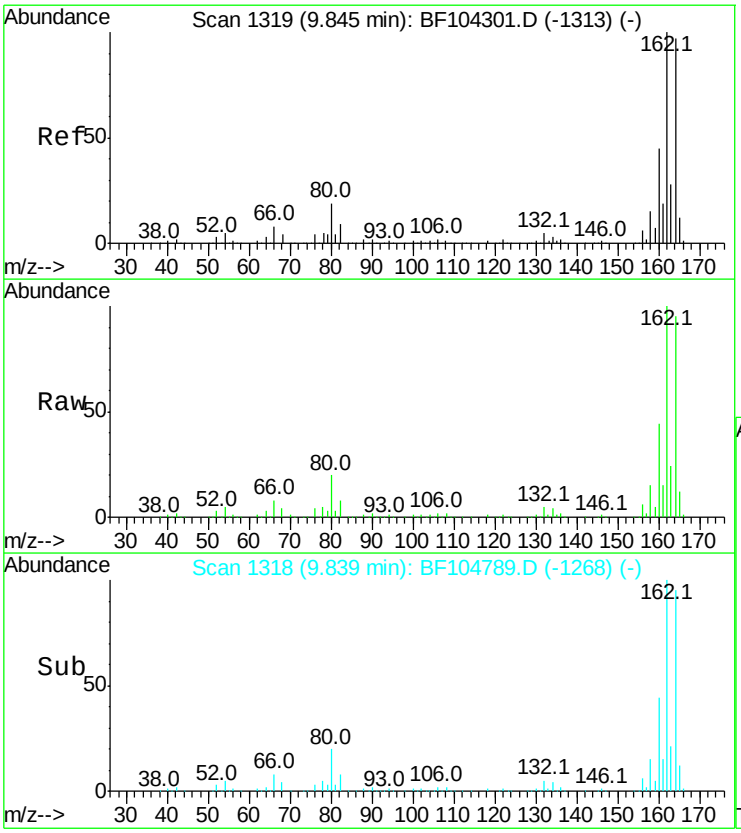
#25
Isophorone
Concen: 45.402 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 736877

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

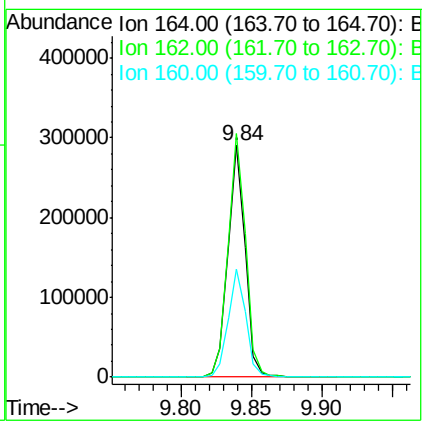


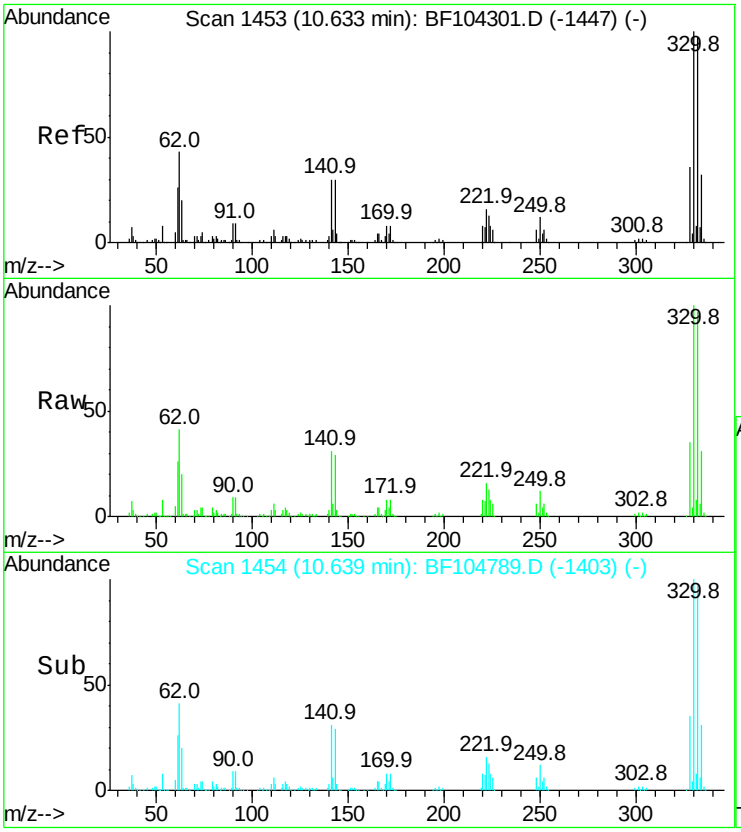


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Tgt Ion:164 Resp: 247709

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	46.6	38.3	57.5



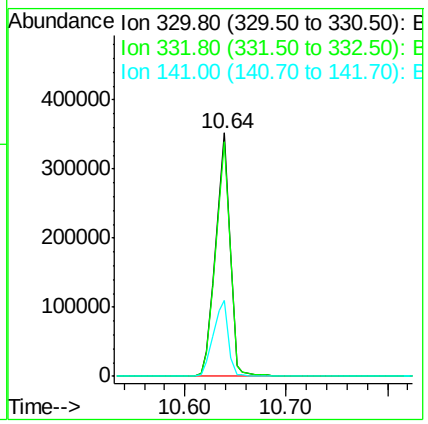


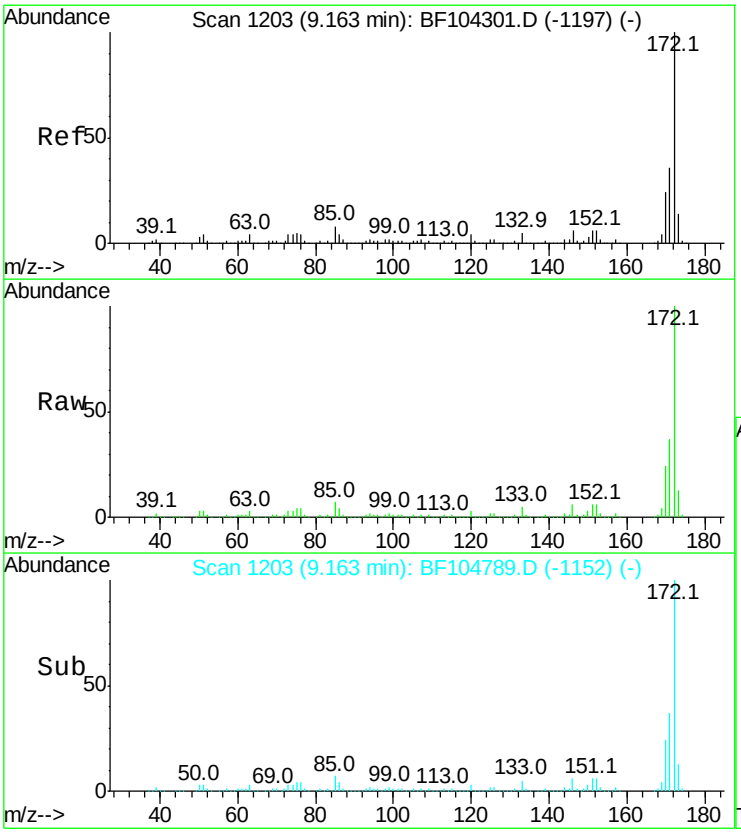
#41
2,4,6-Tribromophenol
Concen: 137.195 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 352531

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.4	29.9	44.9

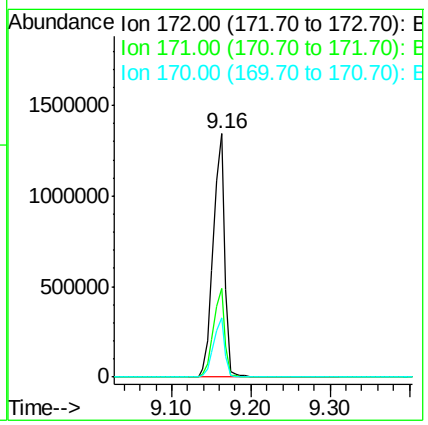


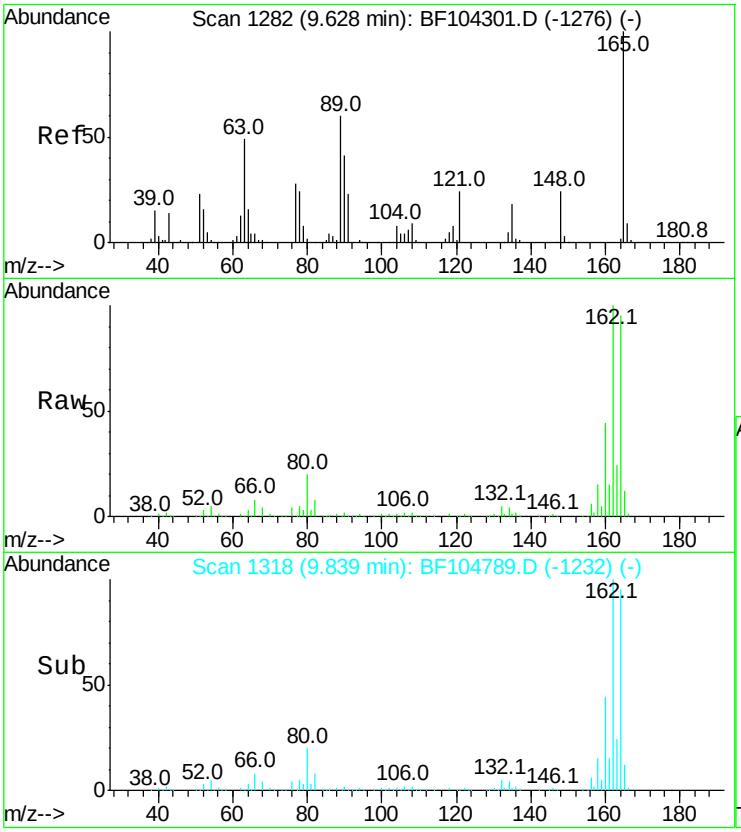


#44
2-Fluorobiphenyl
Concen: 86.706 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Tgt Ion:172 Resp: 1359570

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	19.6	29.4



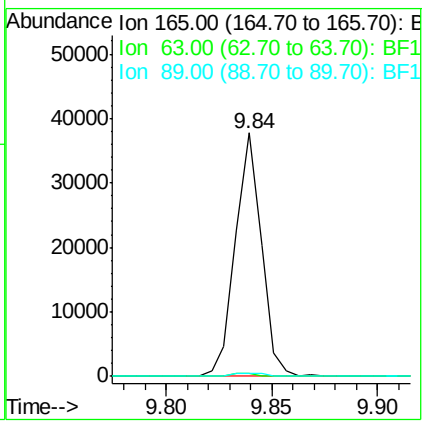


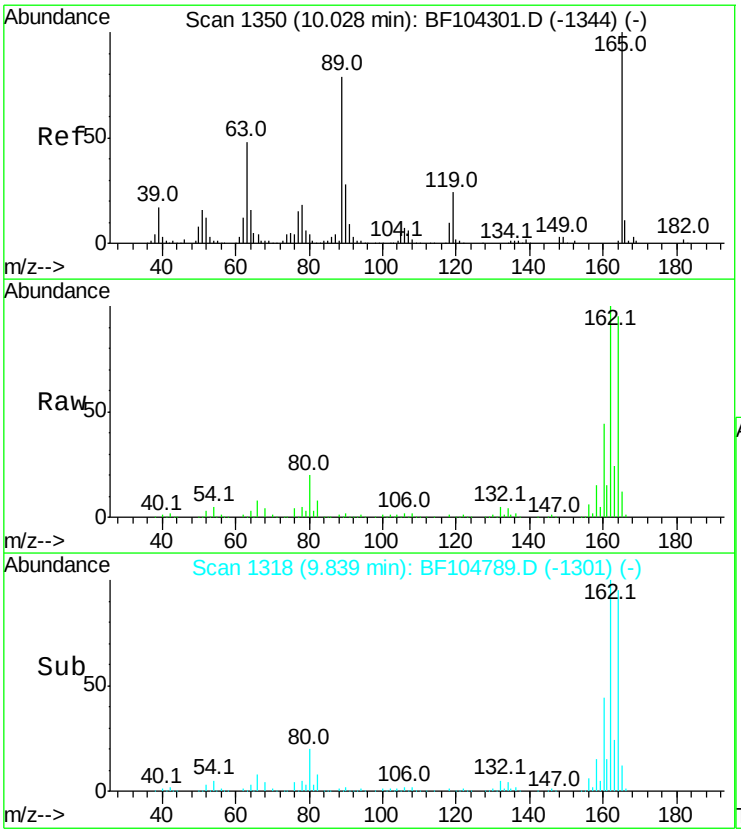
#50
2,6-Dinitrotoluene
Concen: 8.885 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32116

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.2	44.0	66.0#

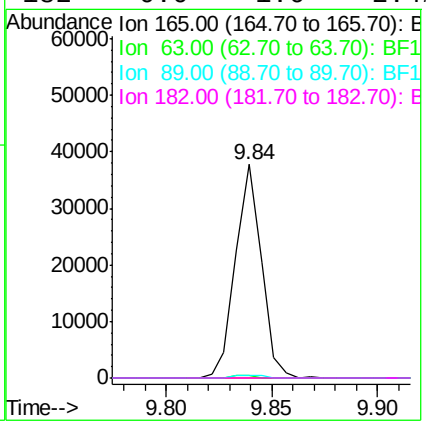


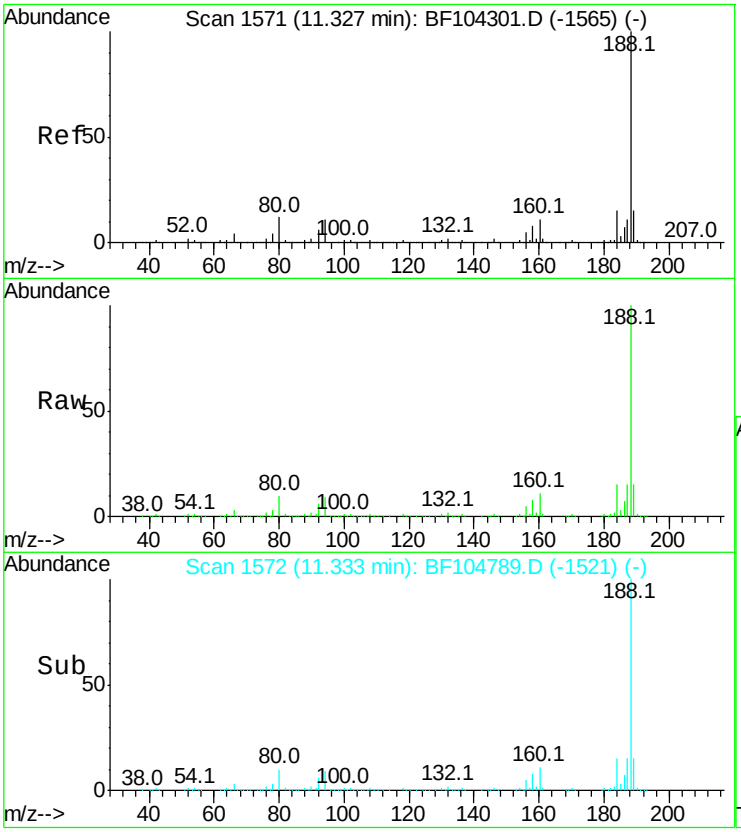


#56
2,4-Dinitrotoluene
Concen: 6.774 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Tgt Ion:165 Resp: 32116

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



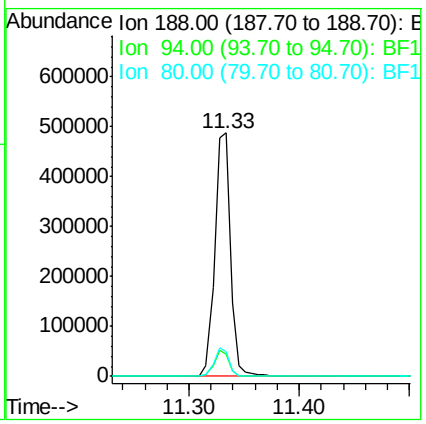


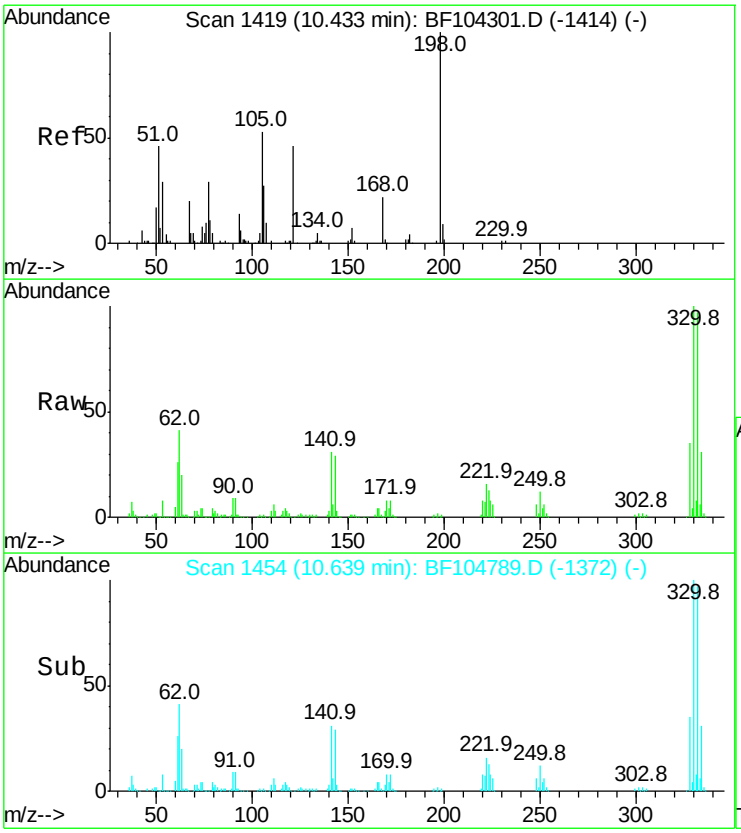
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 481561

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.0	9.2	13.8

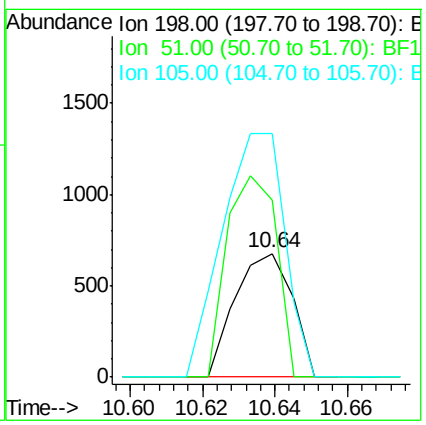


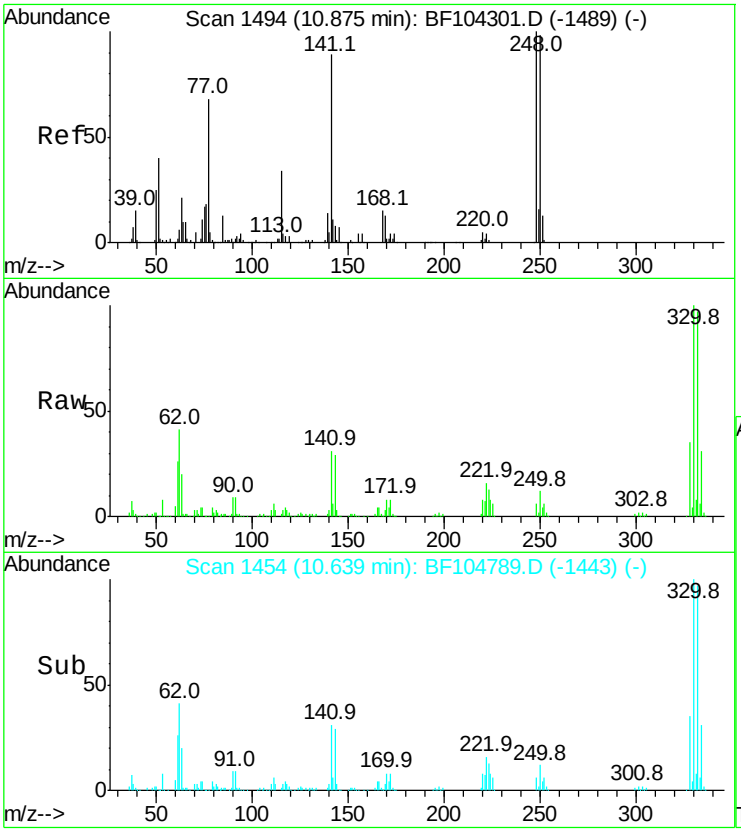


#64
4,6-Dinitro-2-methylphenol
Concen: 7.615 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Tgt Ion:198 Resp: 741

Ion	Ratio	Lower	Upper
198	100		
51	143.0	37.7	77.7#
105	197.2	36.3	76.3#



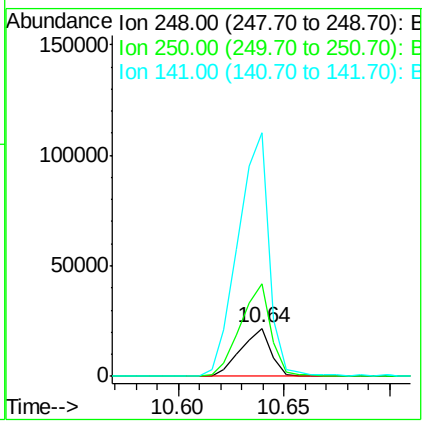


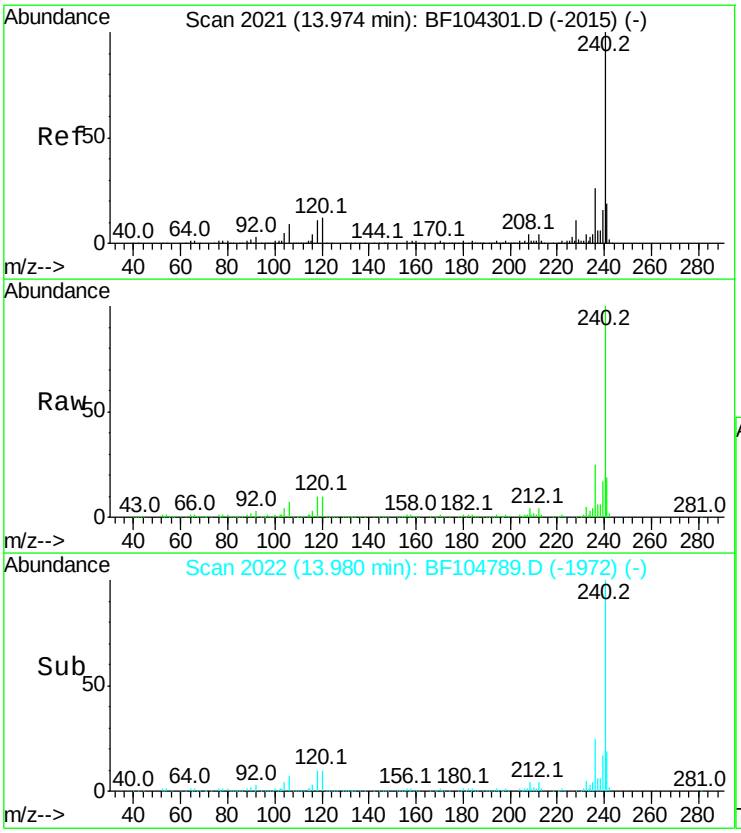
#66
4-Bromophenyl-phenylether
Concen: 4.226 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 21649

Ion	Ratio	Lower	Upper
248	100		
250	194.3	76.9	115.3#
141	509.6	74.4	111.6#

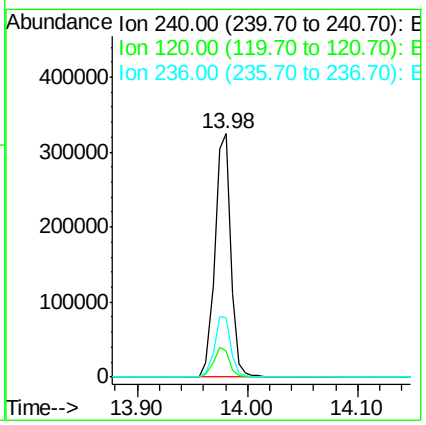


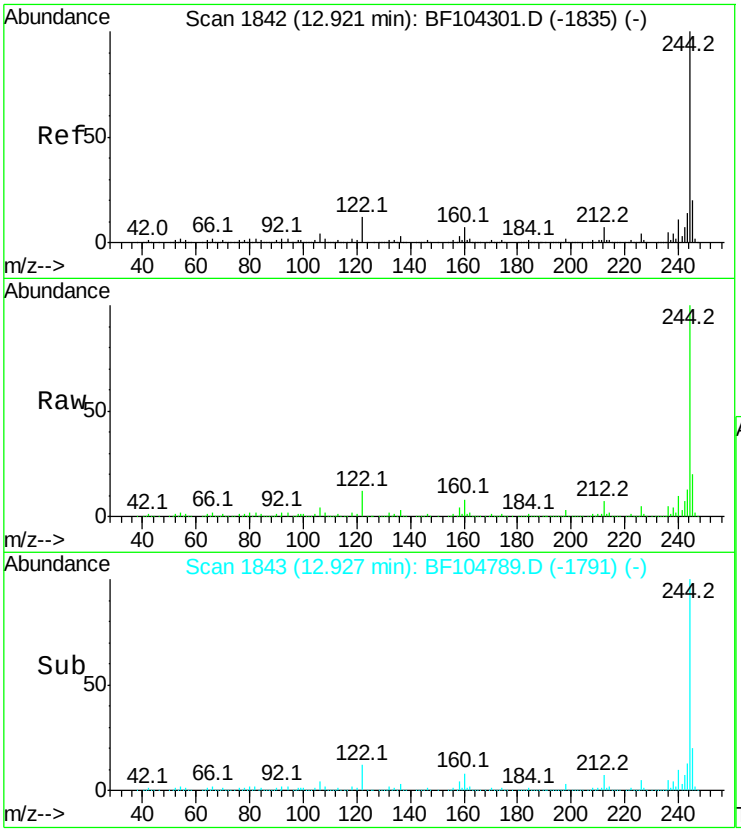


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Tgt Ion:240 Resp: 323312

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	24.6	20.7	31.1



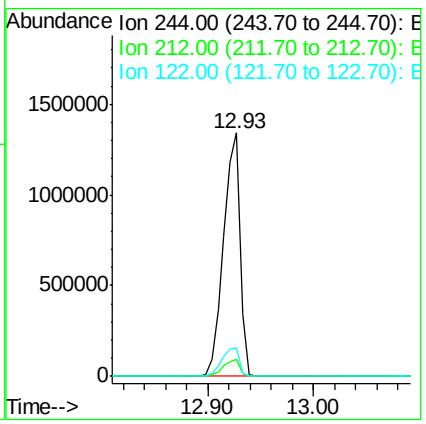


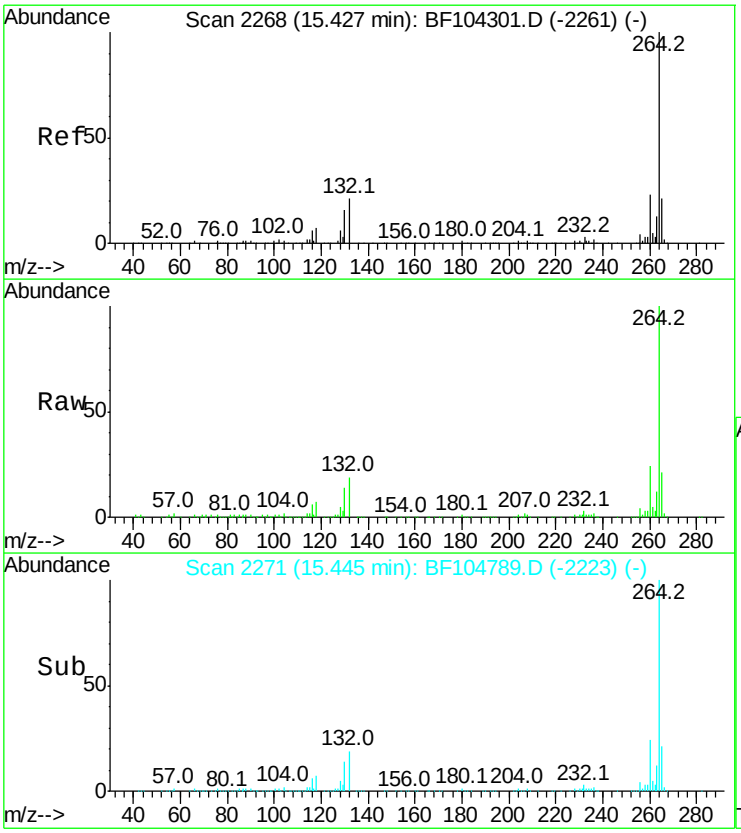
#78
Terphenyl-d14
Concen: 102.946 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1459918

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF104789.D
Acq: 25 Apr 2018 15:26

Tgt Ion:264 Resp: 239122

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3