Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104815.D
Acq On : 26 Apr 2018 4:19
Operator : JU/SJ
Sample : J2539-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 26 08:24:46 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	112686	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	453318	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	182734	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	264242	20.00	ng	0.00
75) Chrysene-d12	13.98	240	237018	20.00	ng	0.00
86) Perylene-d12	15.44	264	174493	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	948650	128.72	ng	0.01
7) Phenol-d6	6.45	99	1183072	130.66	ng	0.00
23) Nitrobenzene-d5	7.37	82	717653	103.37	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	233866	123.38	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1152134	99.60	ng	0.00
78) Terphenyl-d14	12.92	244	844894	81.27	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	1902	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	95065	16.066	ng	# 72
25) Isophorone	7.37	82	717644	48.884	ng	# 64
49) Dimethylphthalate	9.55	163	83960	5.827	ng	100
56) 2,4-Dinitrotoluene	9.84	165	23104	6.606	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	404	7.613	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	13958	4.966	ng	# 1
76) Benzidine	12.92	184	11664	Below Cal		97
87) Benzo(b)fluoranthene	15.02	252	22644	2.055	ng	# 87
88) Benzo(k)fluoranthene	15.02	252	22644	2.176	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104815.D
Acq On : 26 Apr 2018 4:19
Operator : JU/SJ
Sample : J2539-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 26 08:24:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
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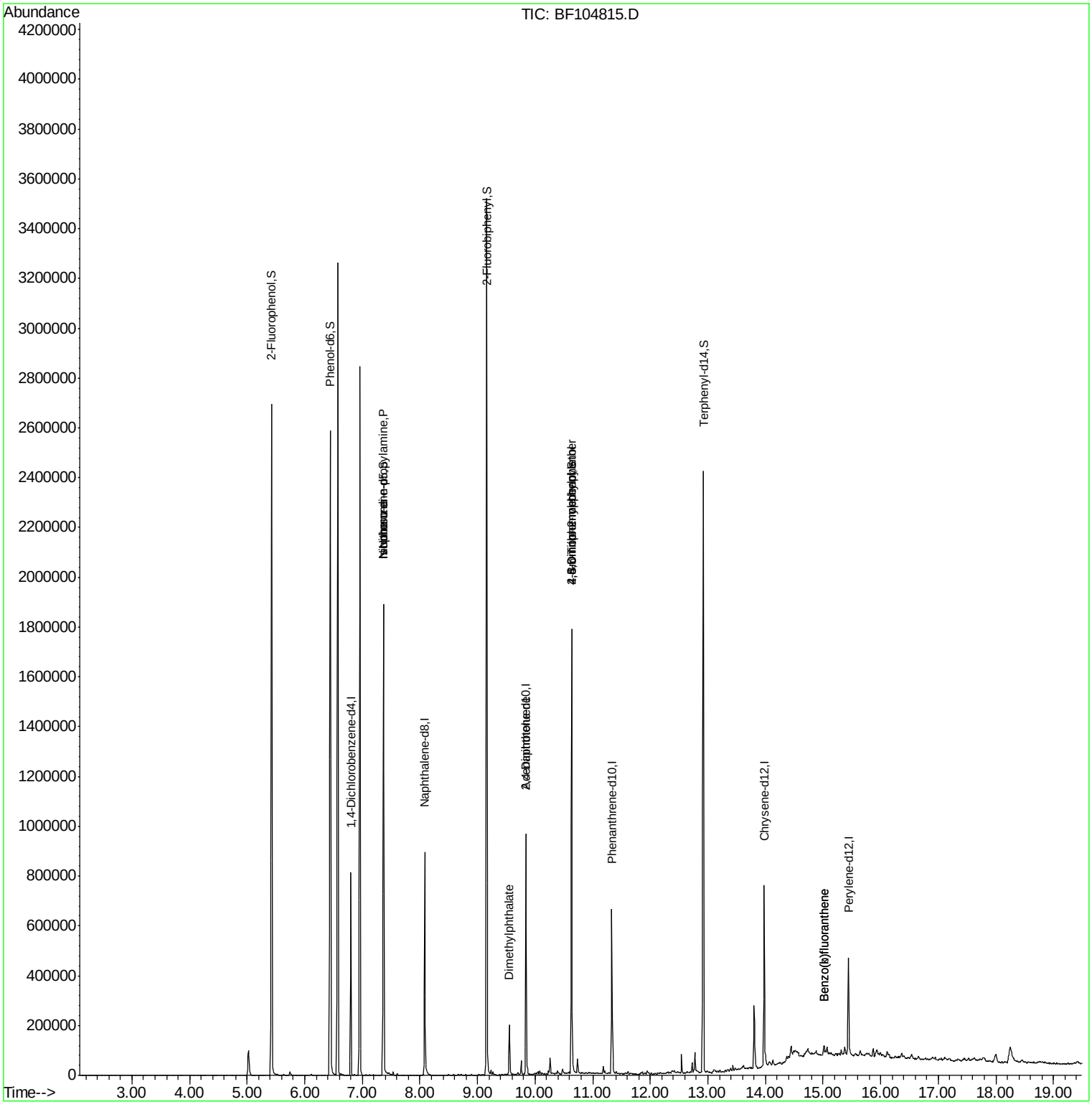
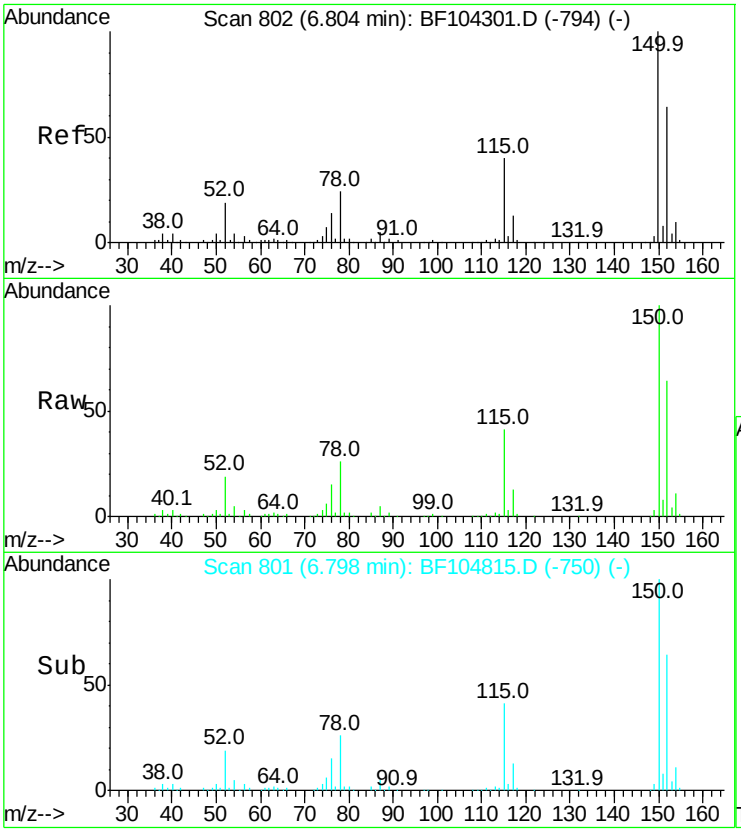
Response via : Initial Calibration



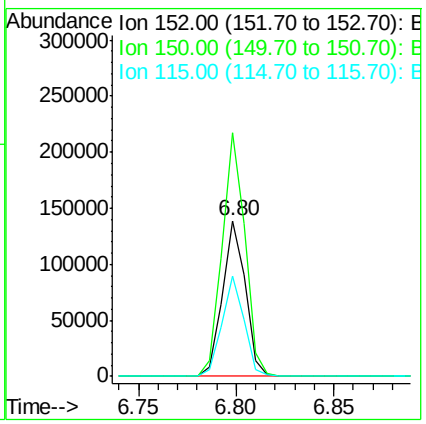


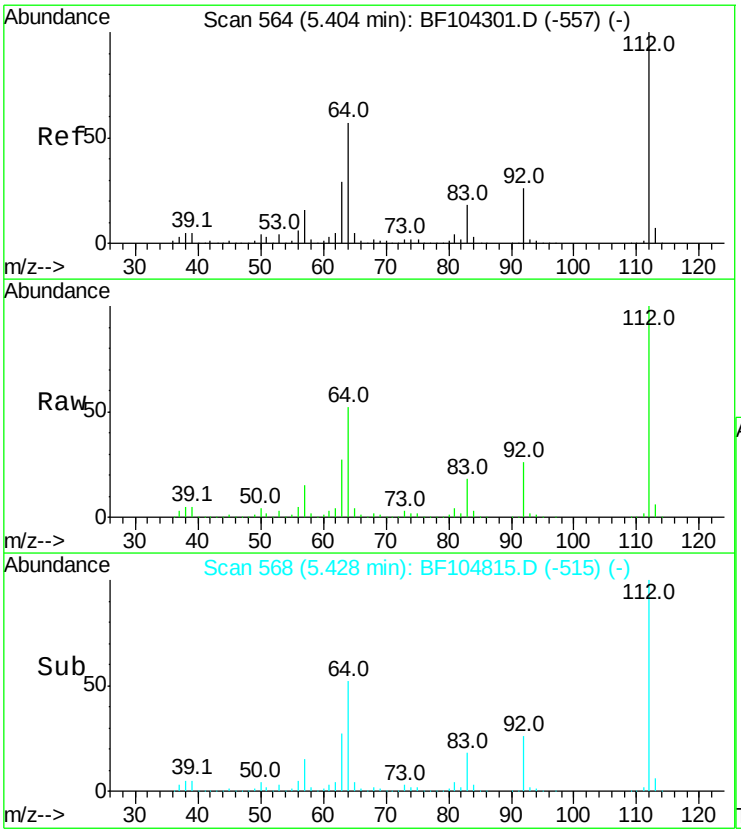
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112686

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	64.7	50.1	75.1

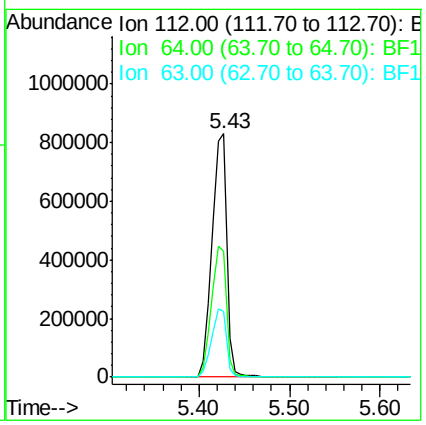


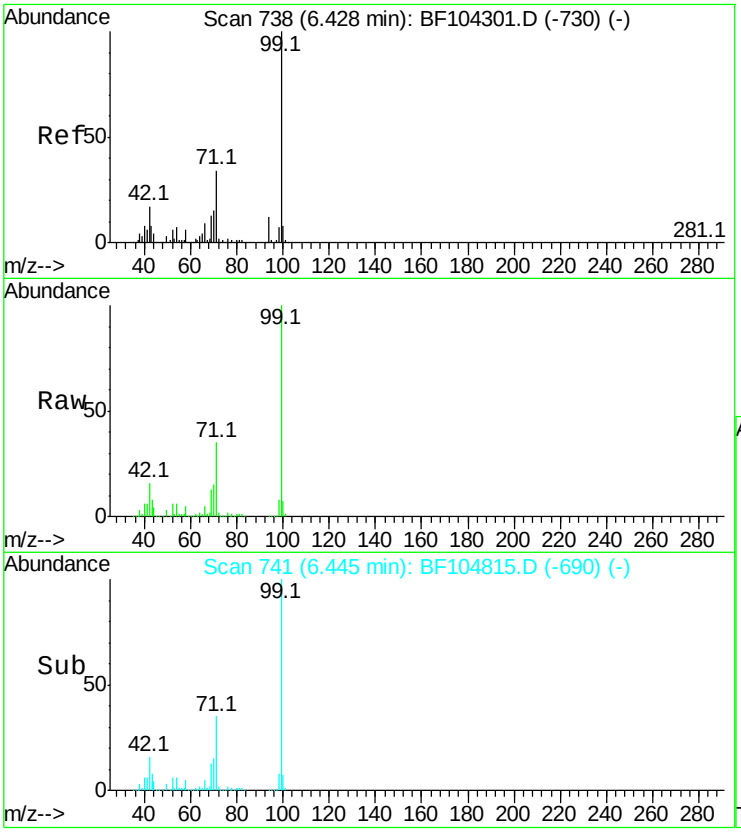


#5
2-Fluorophenol
Concen: 128.724 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Tgt Ion:112 Resp: 948650

Ion	Ratio	Lower	Upper
112	100		
64	51.9	47.9	71.9
63	27.1	23.7	35.5



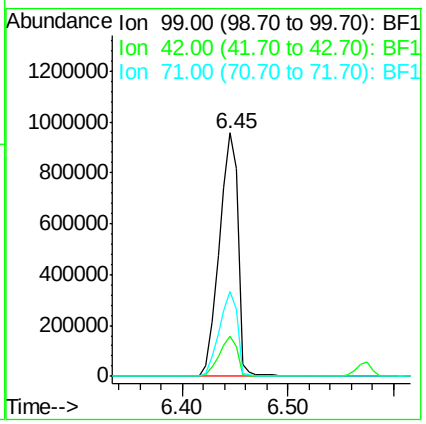


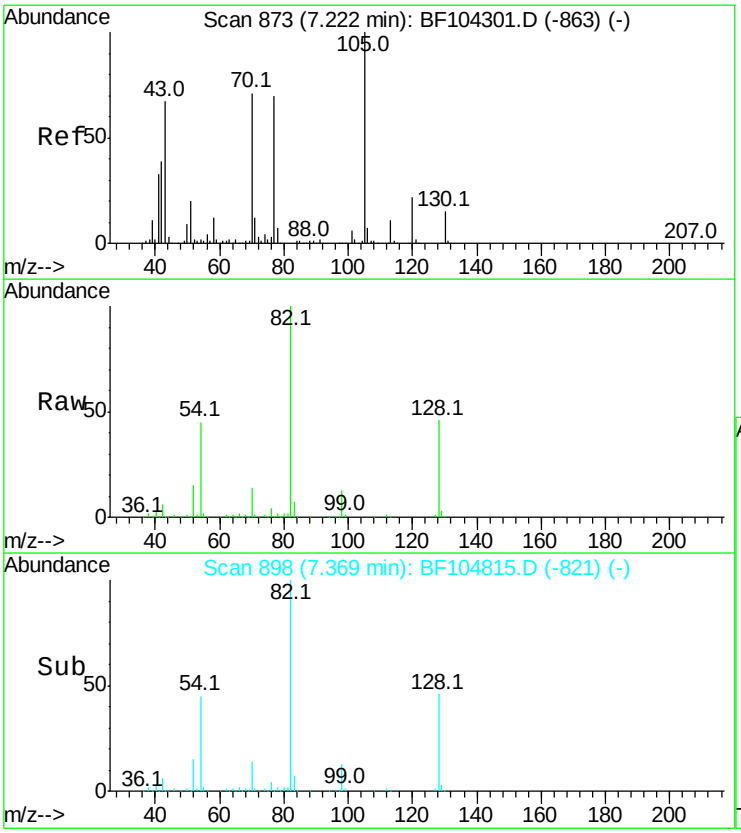
#7
Phenol-d6
Concen: 130.655 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1183072

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	34.9	25.4	38.0

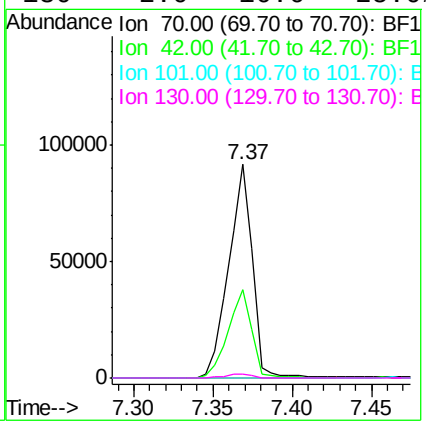


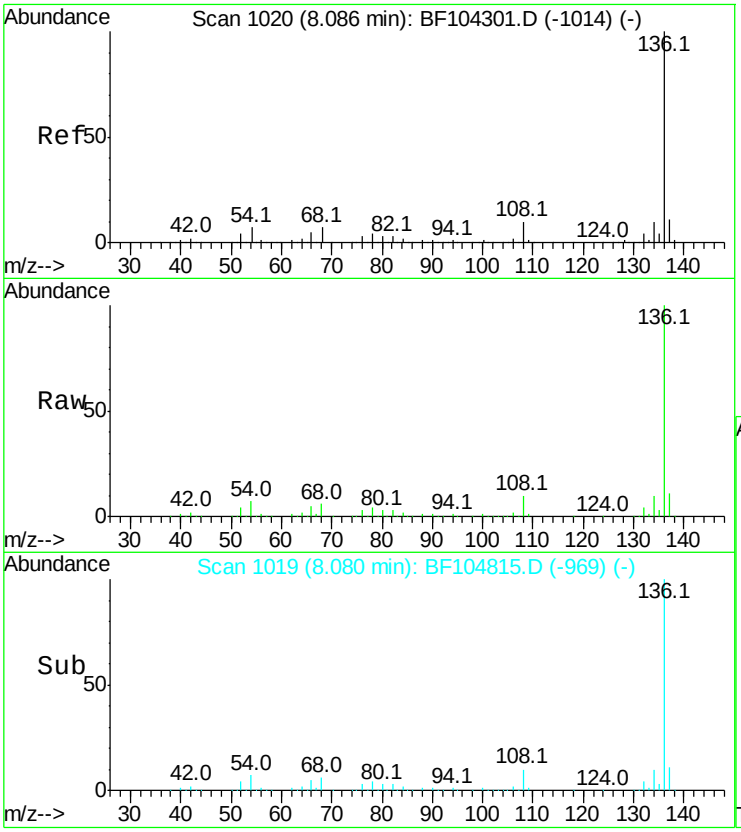


#19
n-Nitroso-di-n-propylamine
Concen: 16.066 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Tgt Ion: 70 Resp: 95065

Ion	Ratio	Lower	Upper
70	100		
42	41.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



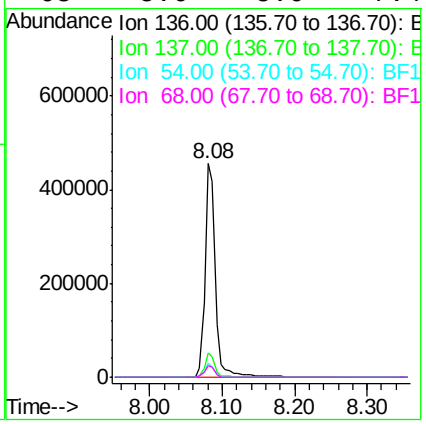


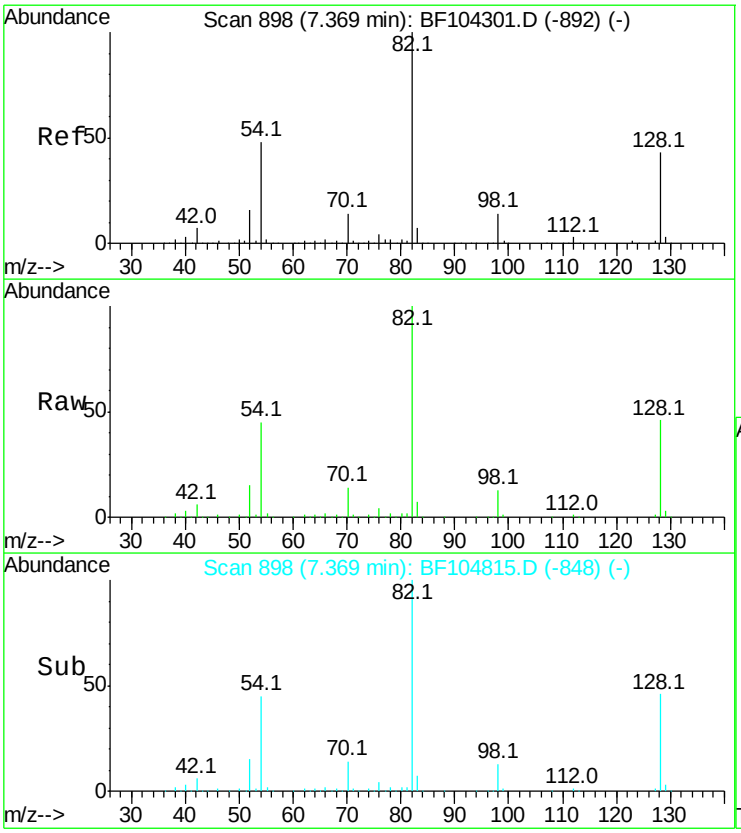
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 453318

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.8	6.6	9.8
68	5.6	5.0	7.4

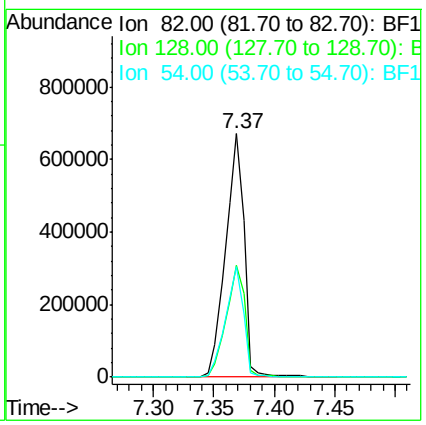


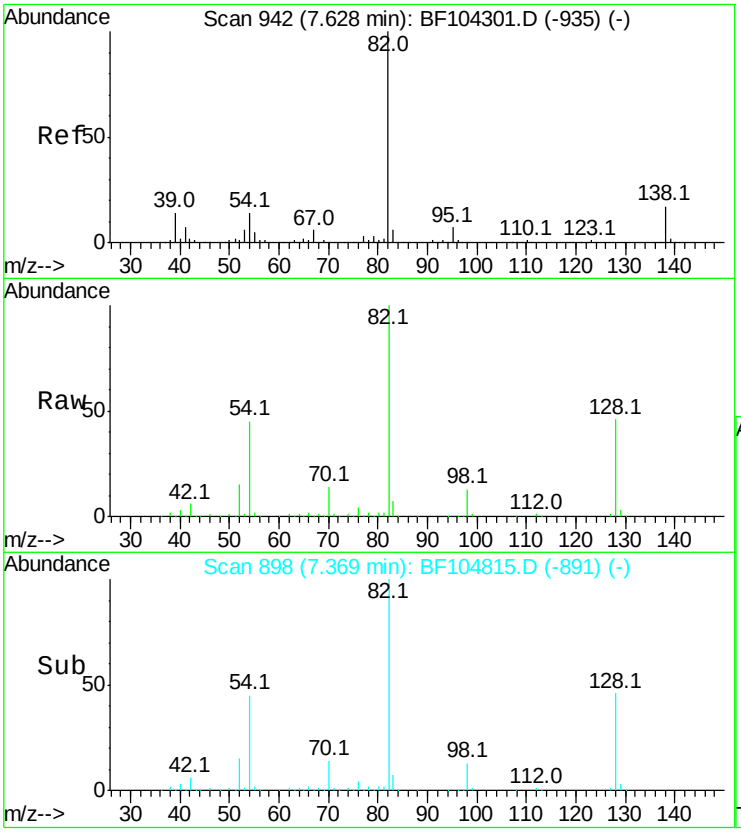


#23
Nitrobenzene-d5
Concen: 103.374 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Tgt Ion: 82 Resp: 717653

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	45.4	41.4	62.2

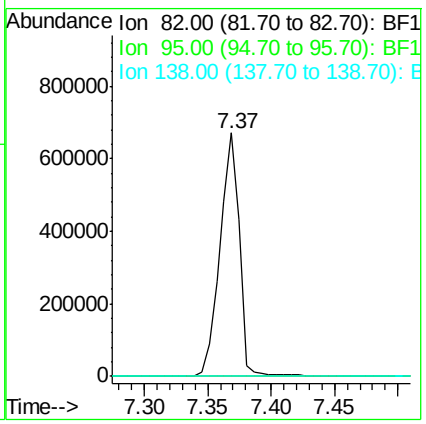




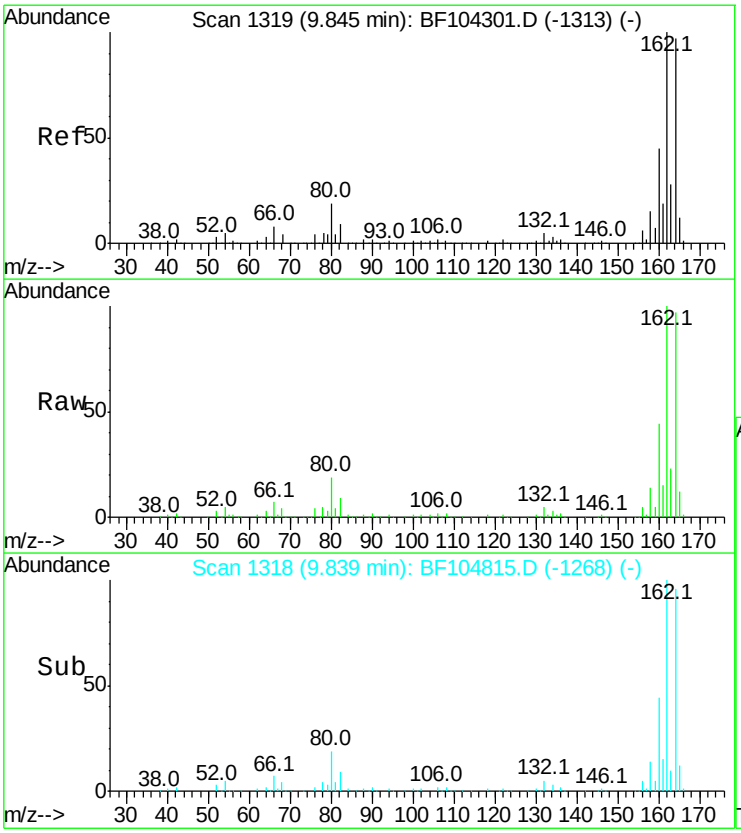
#25
Isophorone
Concen: 48.884 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Tgt Ion: 82 Resp: 717644

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



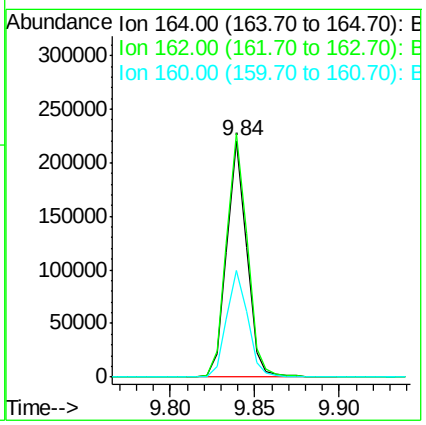
Instrument :
BNA_F
ClientSampleId :

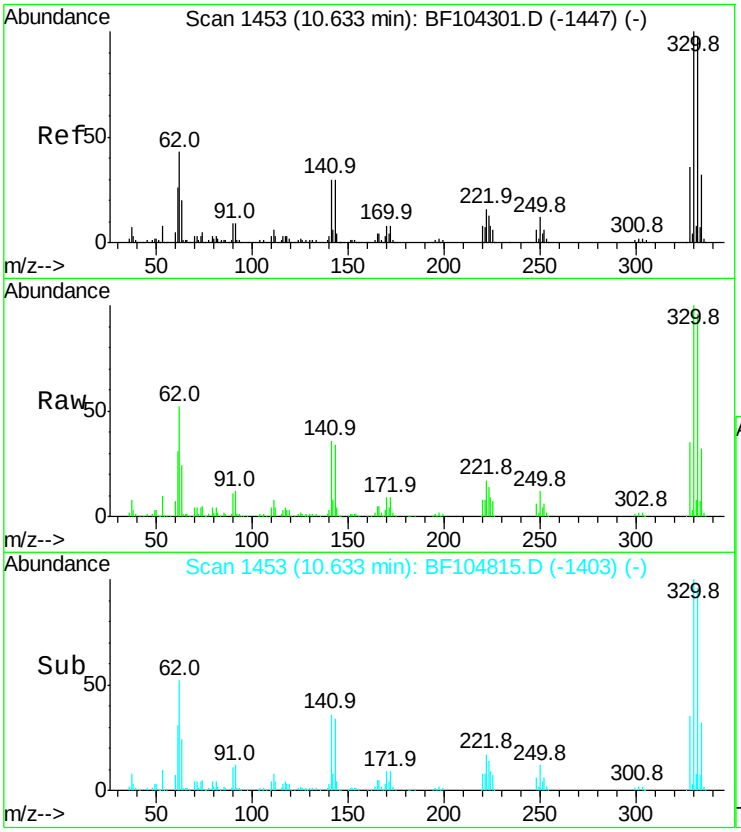


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Tgt Ion:164 Resp: 182734

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.1	38.3	57.5



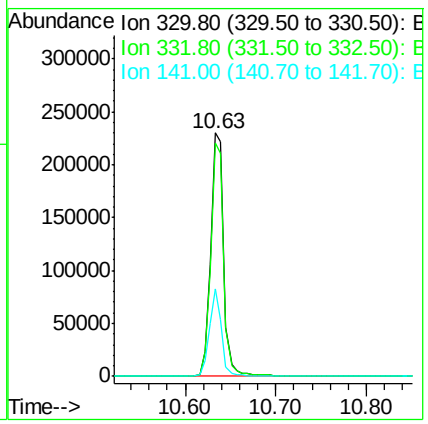


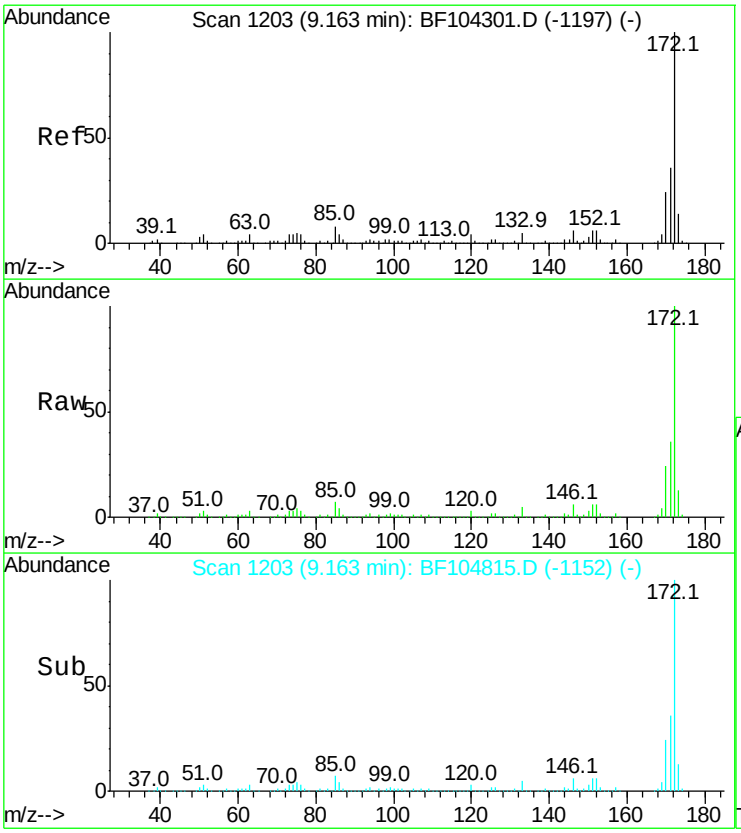
#41
2,4,6-Tribromophenol
Concen: 123.376 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 233866

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.2	29.9	44.9

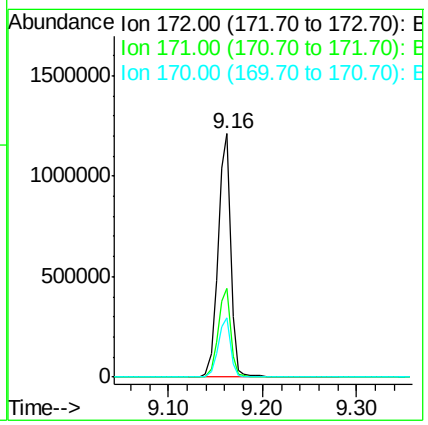


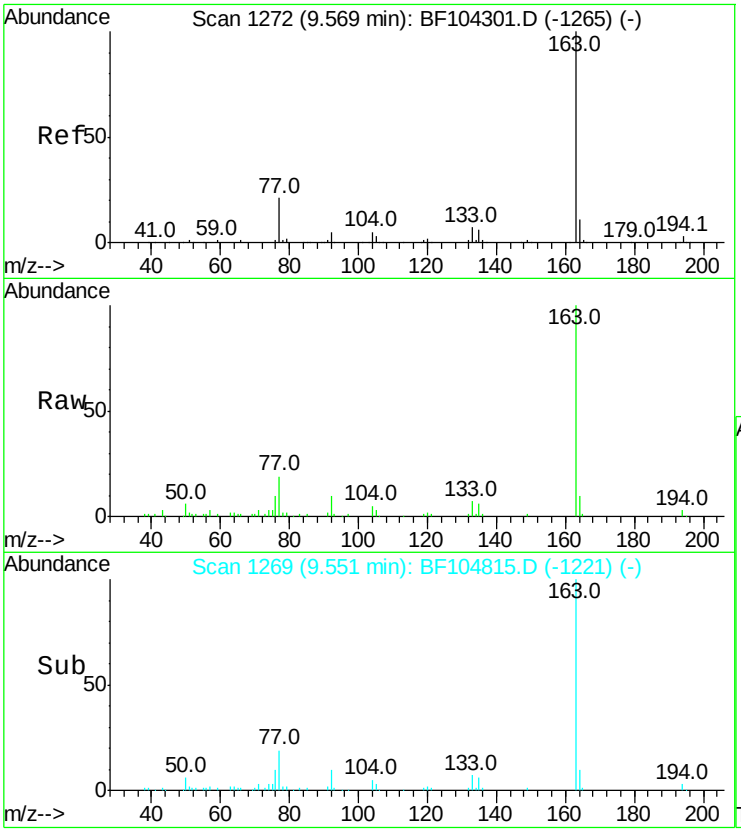


#44
2-Fluorobiphenyl
Concen: 99.603 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Tgt Ion:172 Resp: 1152134

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4



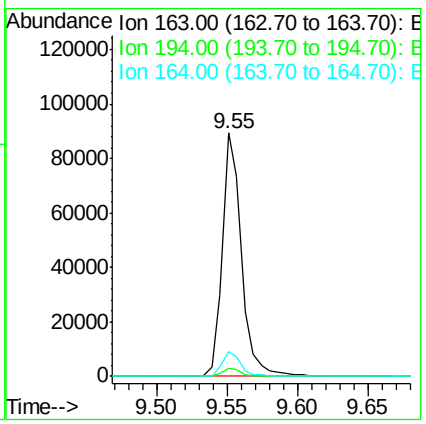


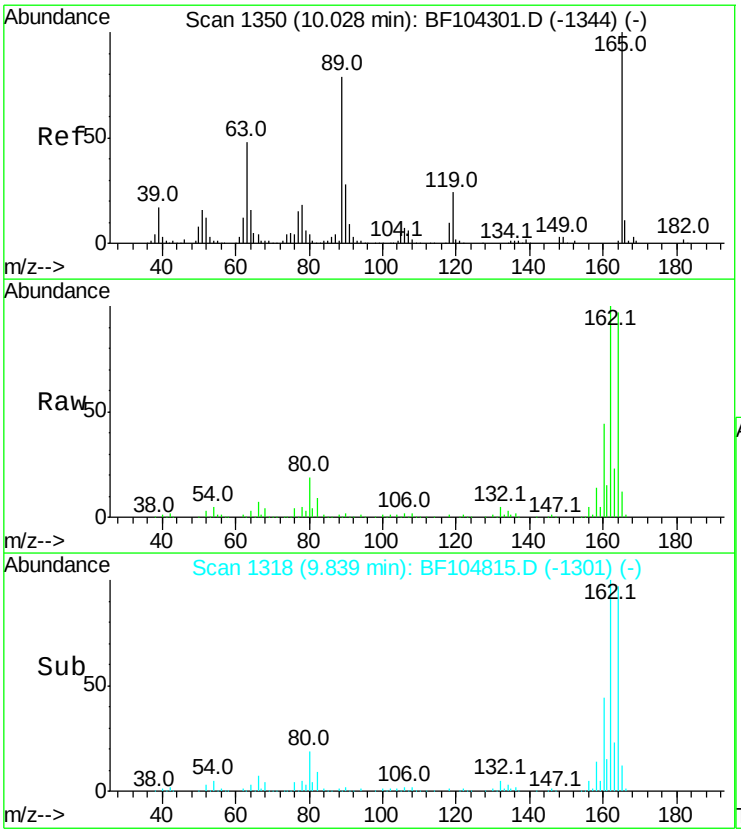
#49
Dimethylphthalate
Concen: 5.827 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 83960

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.1	8.2	12.2

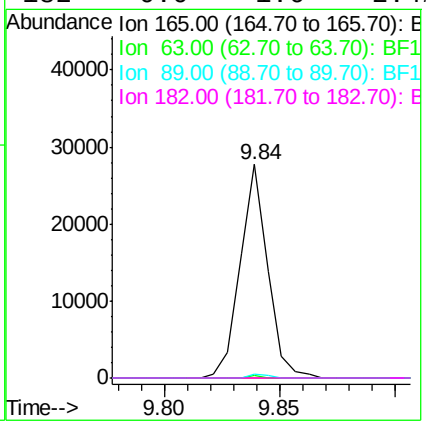


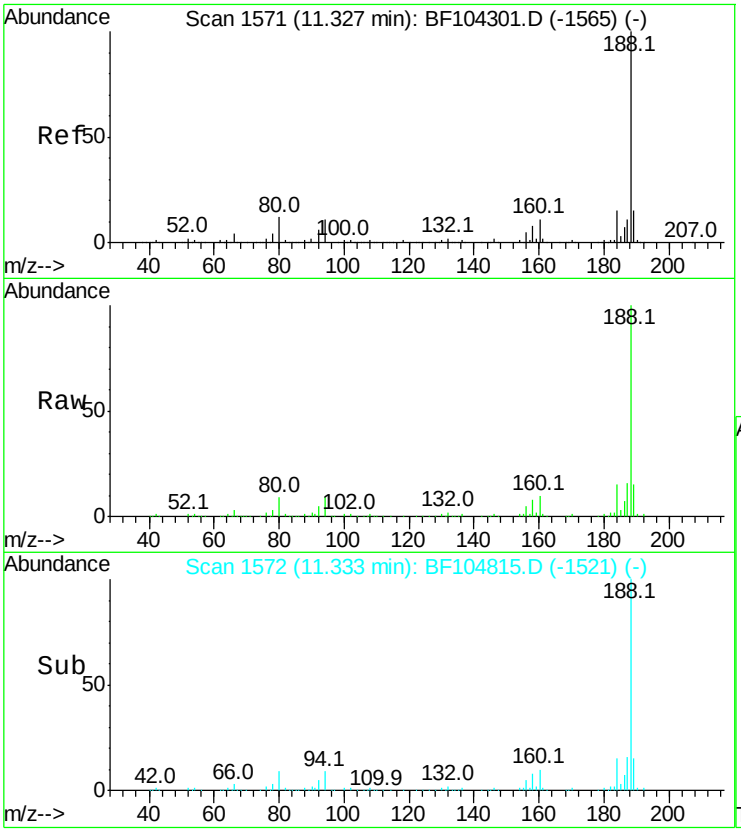


#56
2,4-Dinitrotoluene
Concen: 6.606 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Tgt Ion:165 Resp: 23104

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



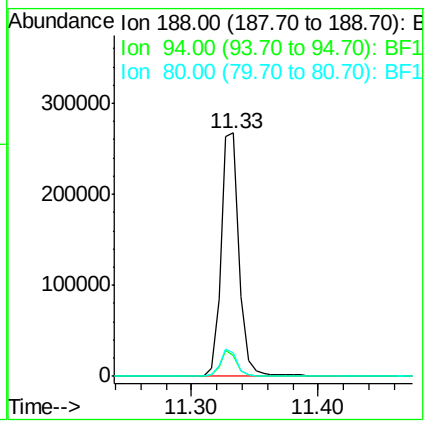


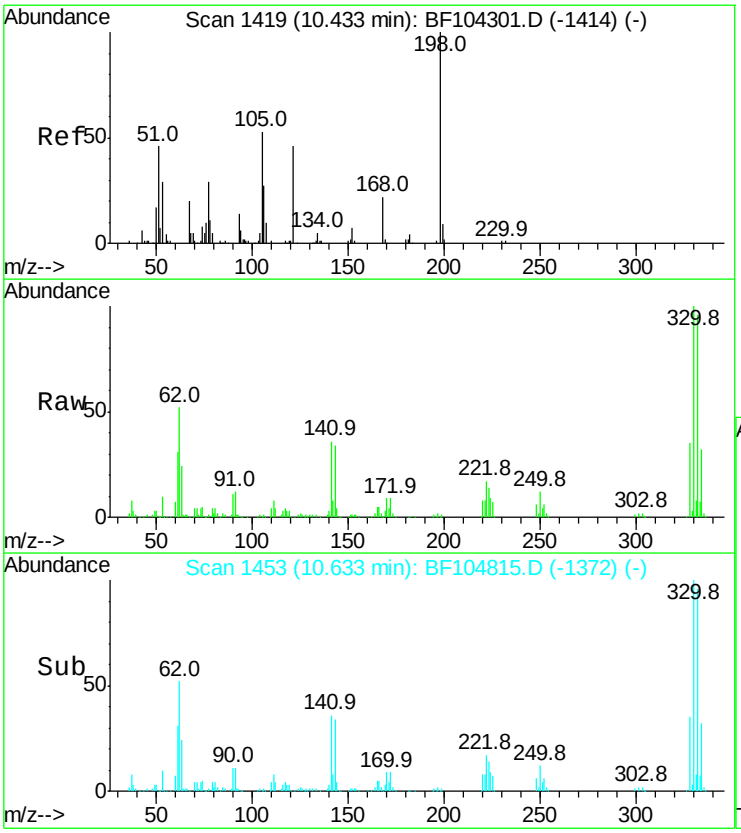
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 264242

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.4	9.2	13.8

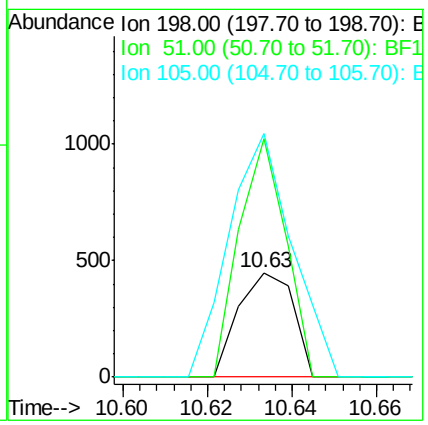


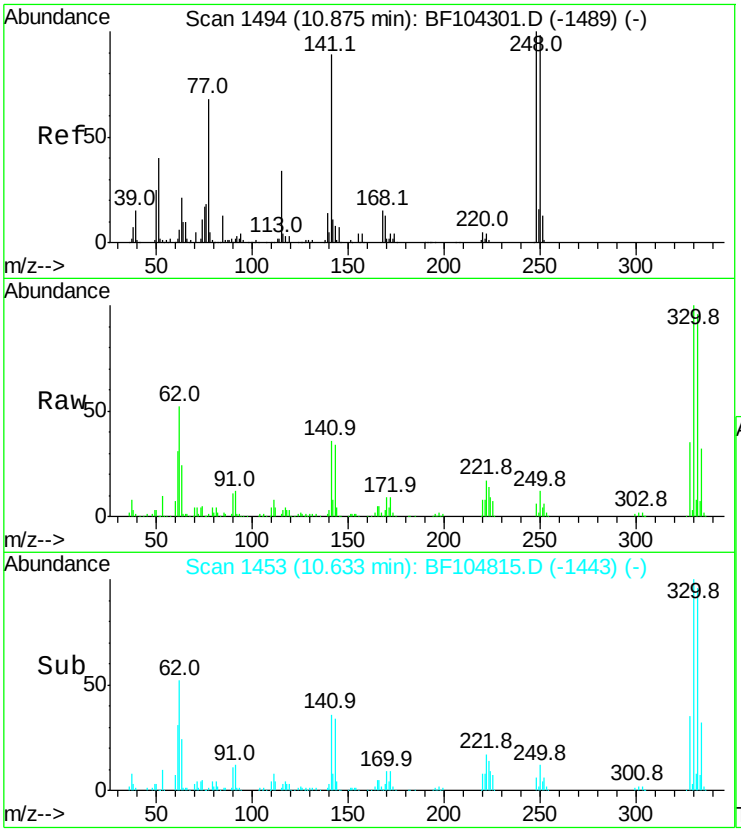


#64
4,6-Dinitro-2-methylphenol
Concen: 7.613 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Tgt Ion:198 Resp: 404

Ion	Ratio	Lower	Upper
198	100		
51	229.0	37.7	77.7#
105	233.5	36.3	76.3#



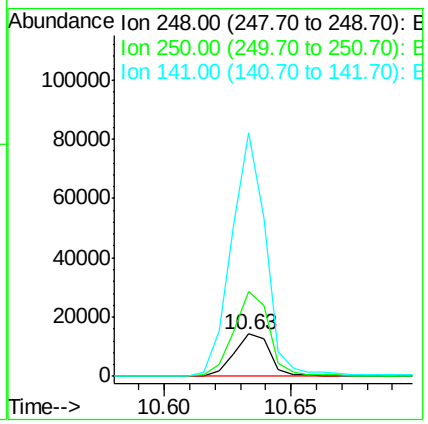


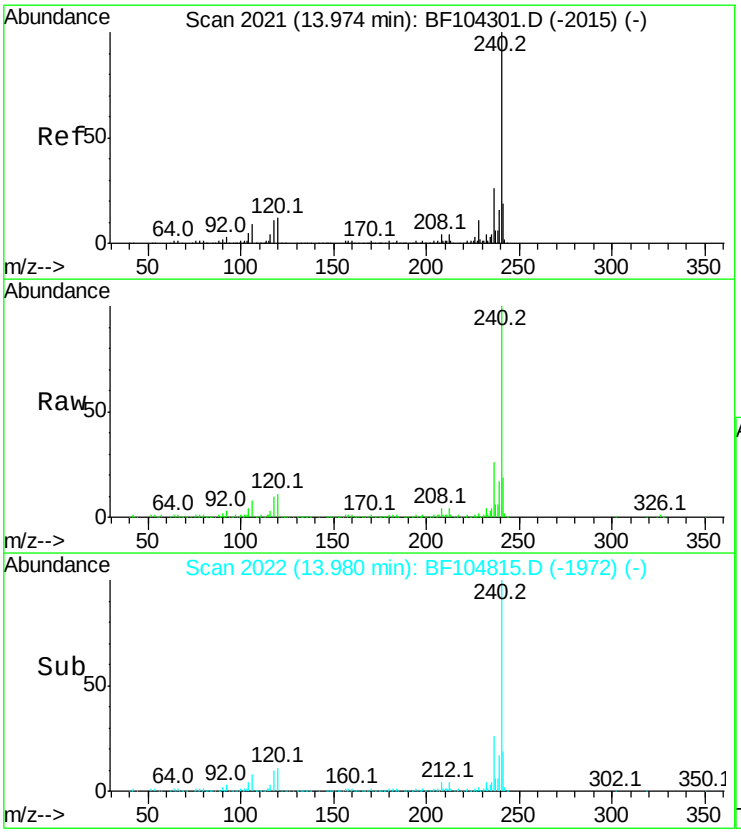
#66
4-Bromophenyl-phenylether
Concen: 4.966 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13958

Ion	Ratio	Lower	Upper
248	100		
250	201.2	76.9	115.3#
141	574.9	74.4	111.6#

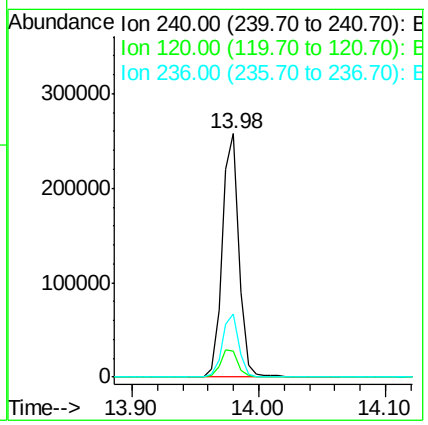


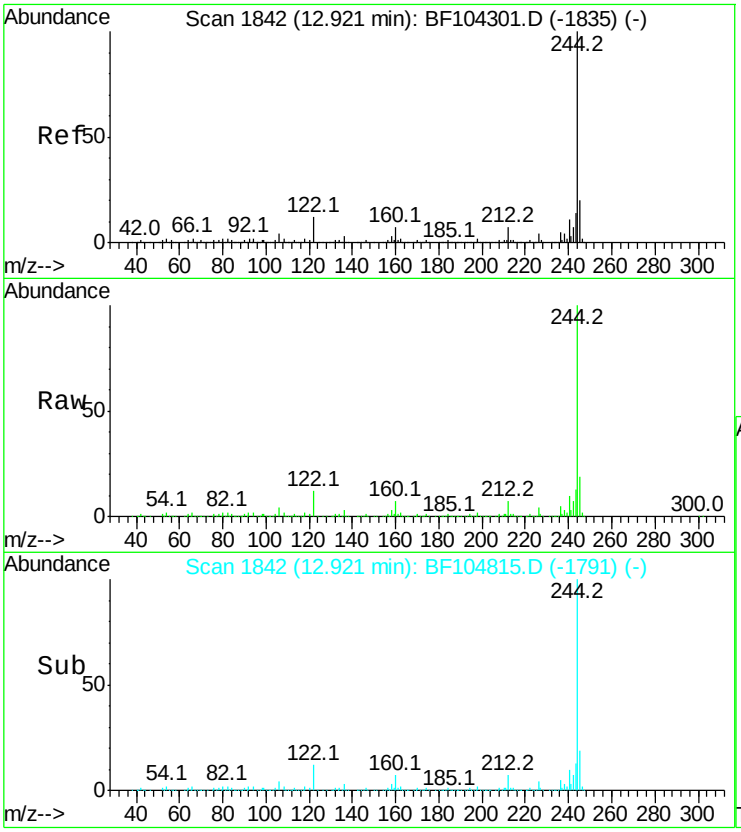


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Tgt Ion:240 Resp: 237018

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.8	20.7	31.1



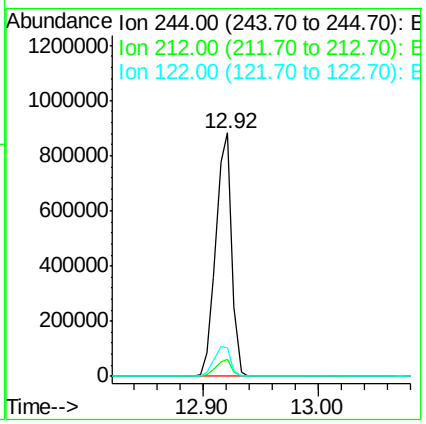


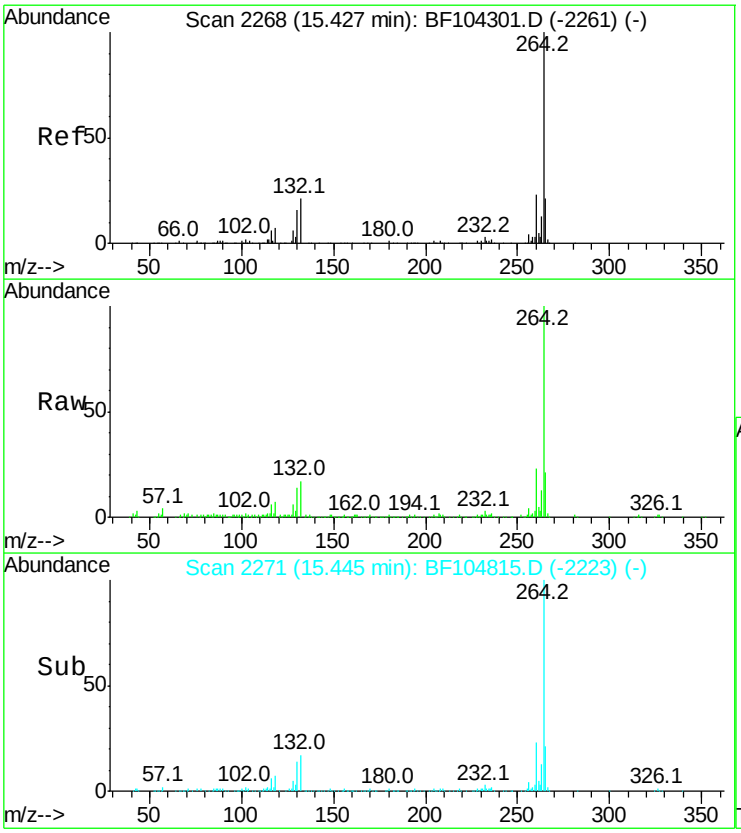
#78
Terphenyl-d14
Concen: 81.269 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 844894

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.6	11.0	16.4

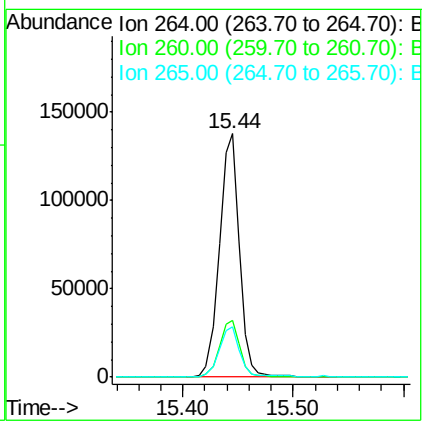


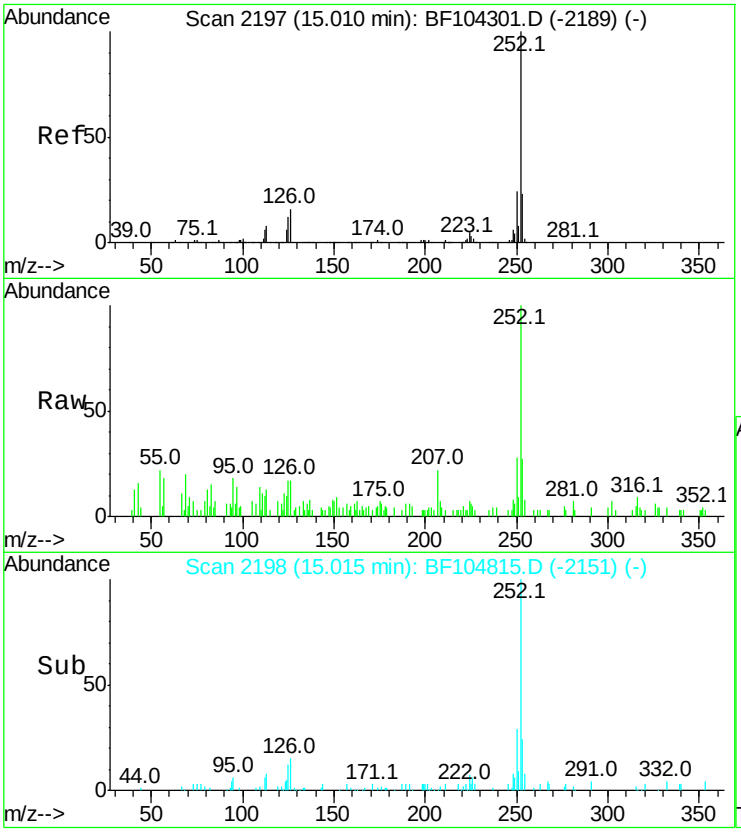


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Tgt Ion:264 Resp: 174493

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.8	17.5	26.3



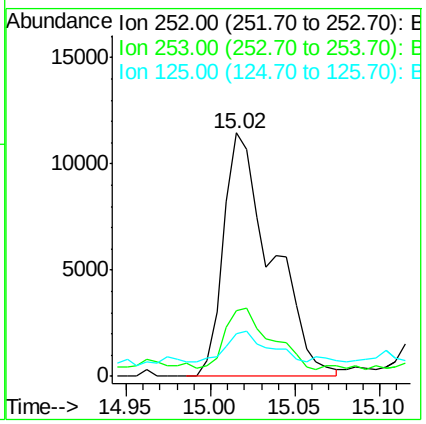


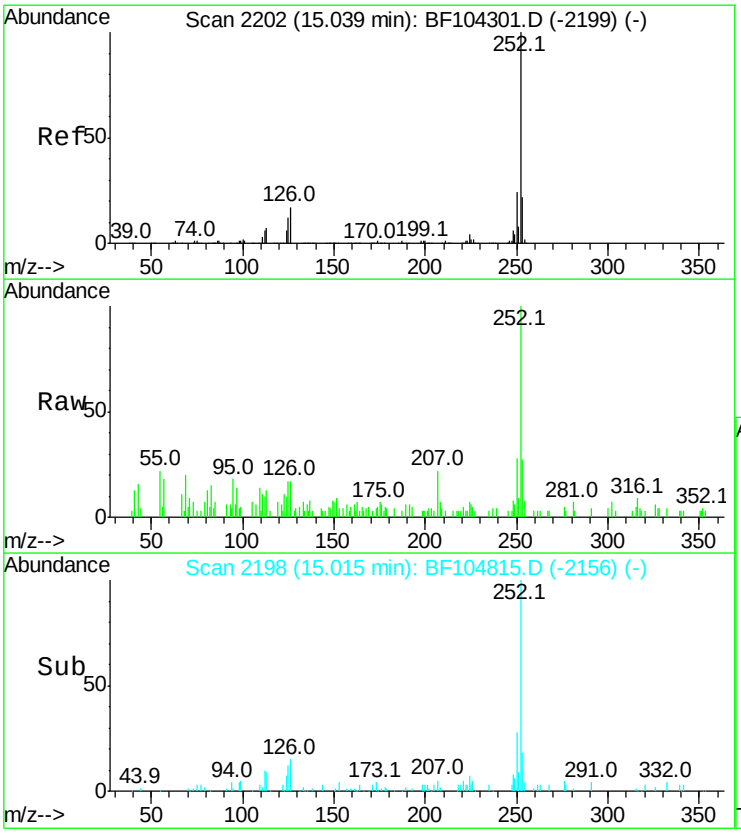
#87
Benzo(b)fluoranthene
Concen: 2.055 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 22644

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.0	25.6#
125	17.5	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.176 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Tgt Ion:252 Resp: 22644

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.9	26.9#
125	17.5	10.2	15.2#