Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112440.D
Acq On : 7 Feb 2019 16:12
Operator : JU/SJ
Sample : K1401-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200050

Quant Time: Feb 09 03:13:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	133375	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	524273	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	244688	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	438905	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	318668	20.00	ng		-0.01
87) Perylene-d12	15.47	264	299319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	768560	122.40	ng		-0.01
7) Phenol-d6	6.48	99	976608	111.93	ng		-0.01
23) Nitrobenzene-d5	7.39	82	607957	66.82	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	274401	96.35	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1086764	62.82	ng		-0.02
79) Terphenyl-d14	12.94	244	898002	53.08	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	81781	13.593	ng	#	77
25) Isophorone	7.39	82	607953	42.591	ng	#	63
50) Dimethylphthalate	9.58	163	83491	4.392	ng		100
57) 2,4-Dinitrotoluene	9.87	165	32032	5.910	ng	#	32
67) 4-Bromophenyl-phenylether	10.66	248	17377	3.366	ng	#	1
71) Phenanthrene	11.38	178	65963	2.891	ng		97
75) Fluoranthene	12.57	202	60267	2.463	ng		96
78) Pyrene	12.80	202	49181	2.229	ng		99

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

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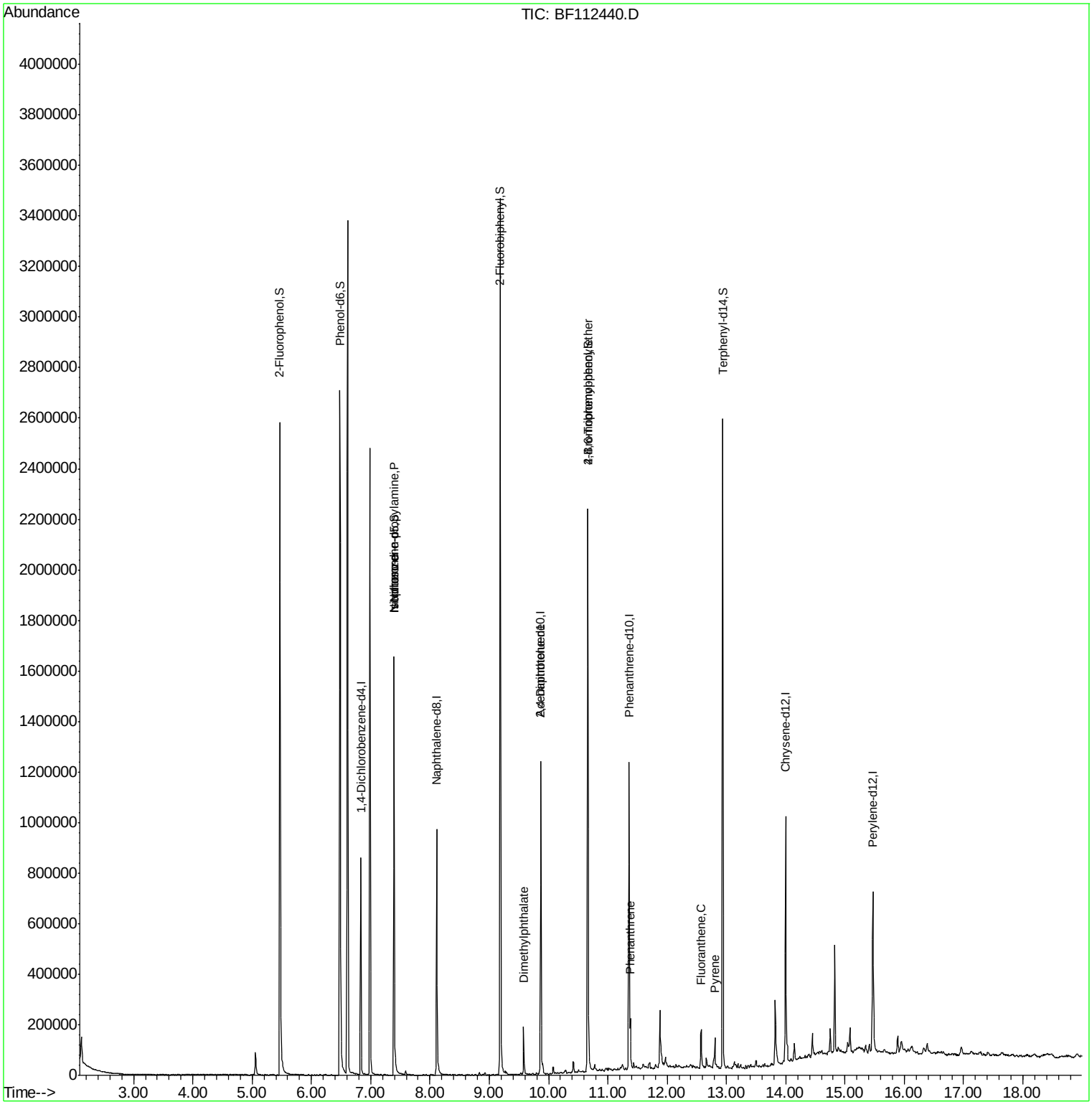
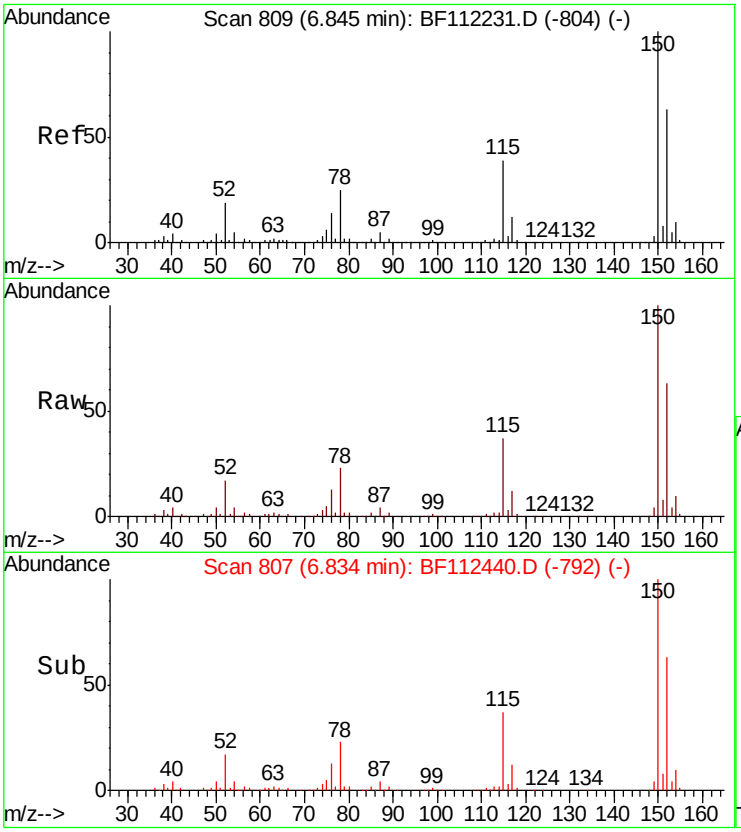


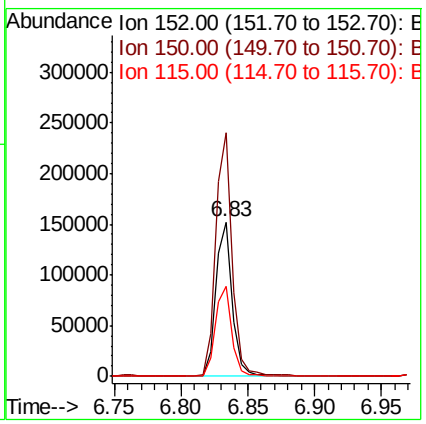


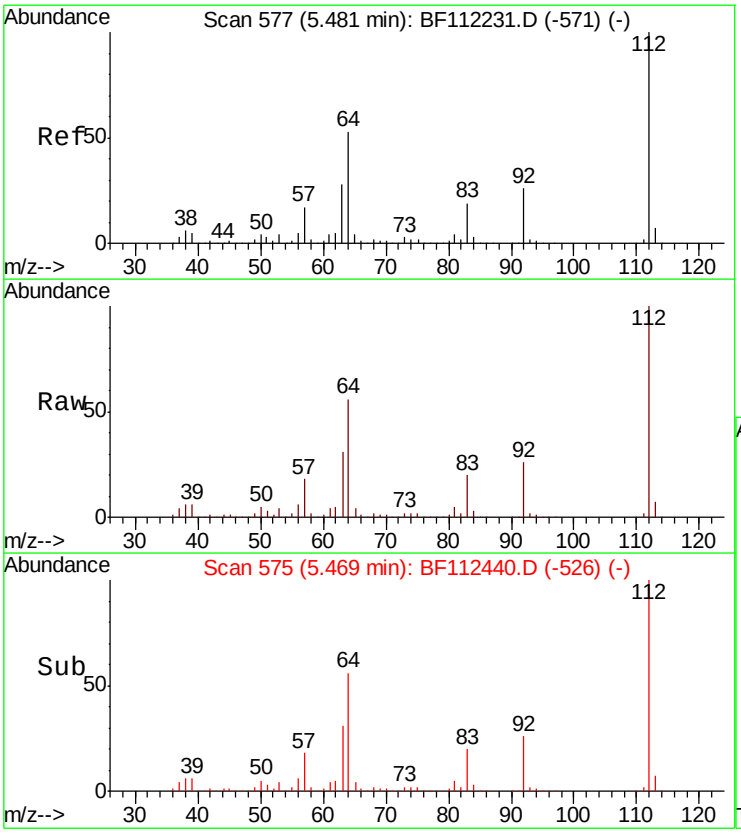
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:152 Resp: 133375

Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.4	191.0
115	58.7	45.5	68.3

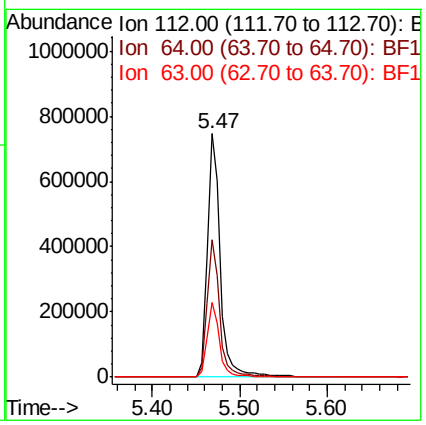


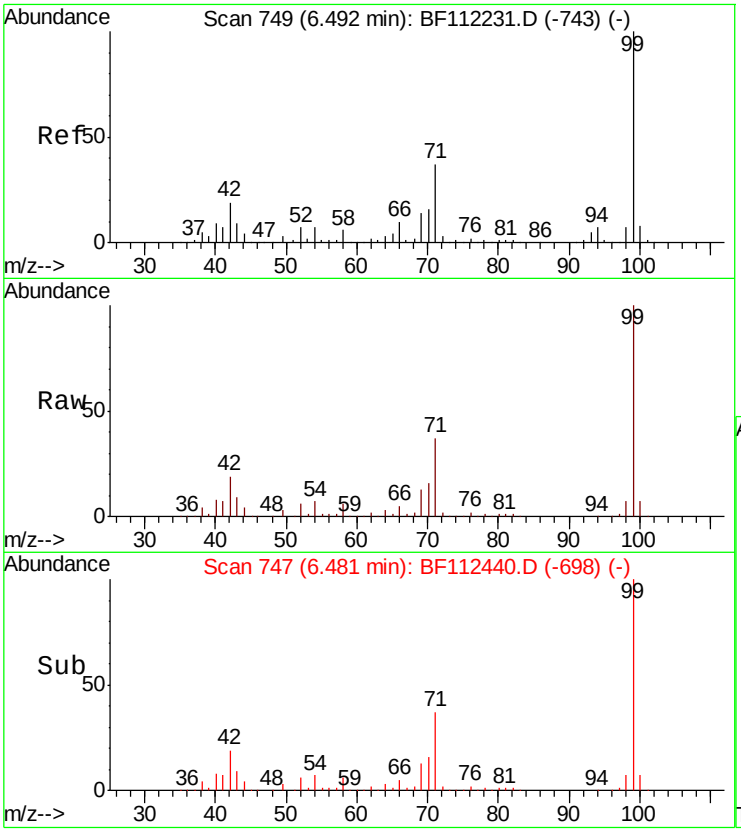


#5
2-Fluorophenol
Concen: 122.397 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion:112 Resp: 768560

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.7	68.5
63	30.5	23.6	35.4



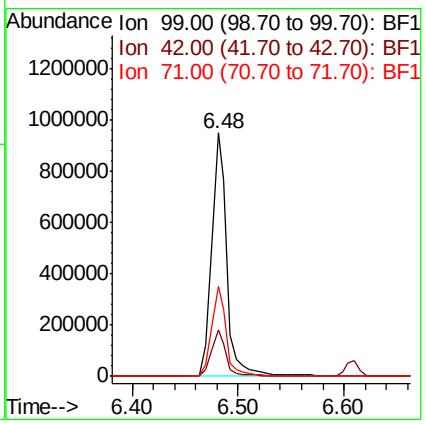


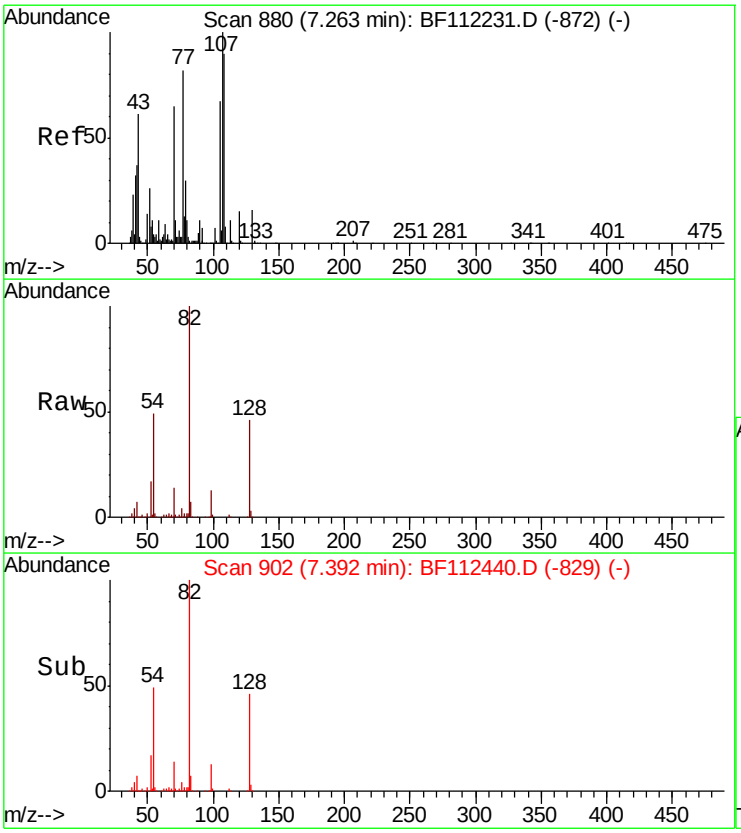
#7
Phenol-d6
Concen: 111.928 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion: 99 Resp: 976608

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	36.8	26.9	40.3

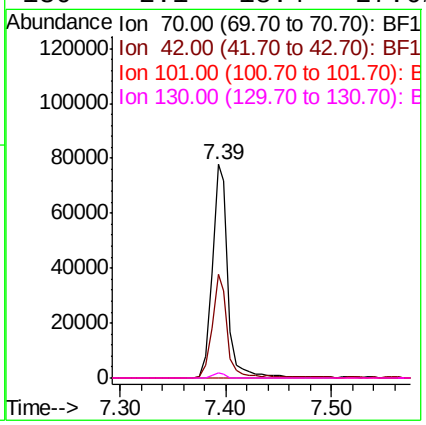


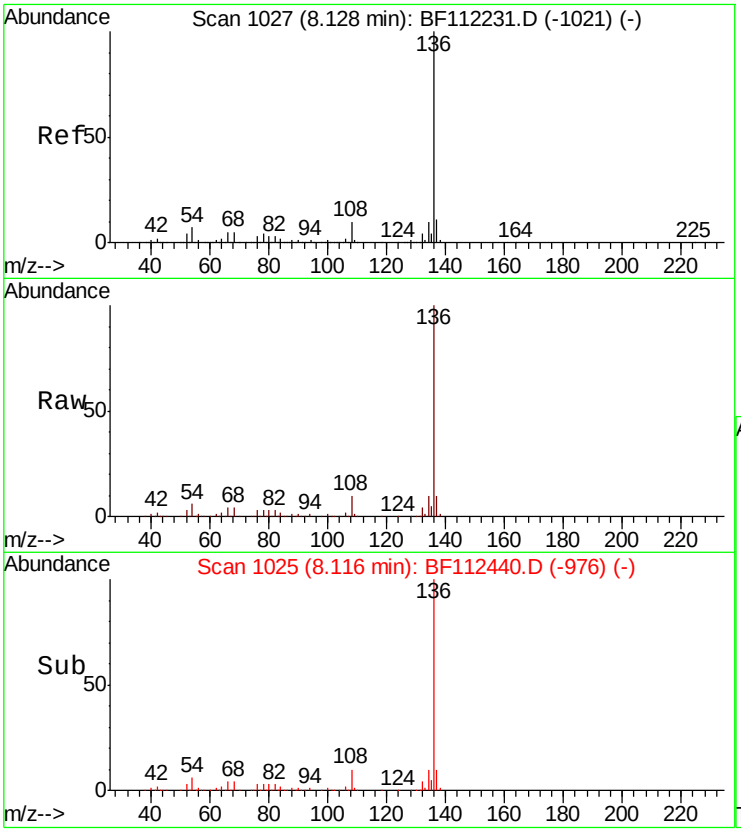


#19
n-Nitroso-di-n-propylamine
Concen: 13.593 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion: 70 Resp: 81781

Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.6	71.4
101	0.0	7.9	11.9#
130	2.1	18.4	27.6#



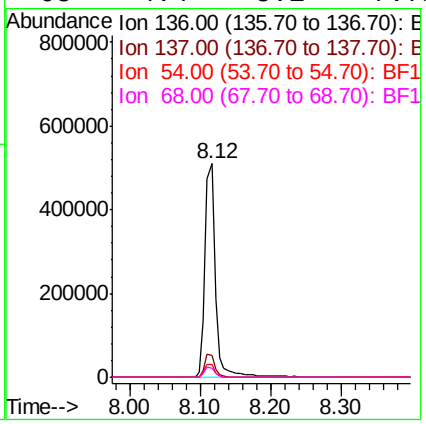


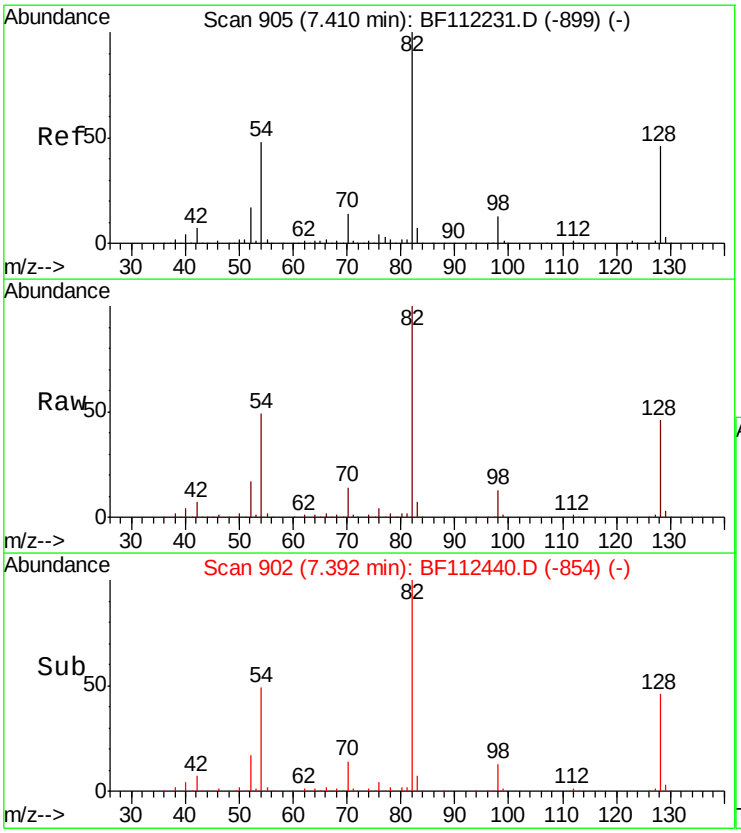
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:136 Resp: 524273

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.8	5.9	8.9#
68	4.4	5.1	7.7#

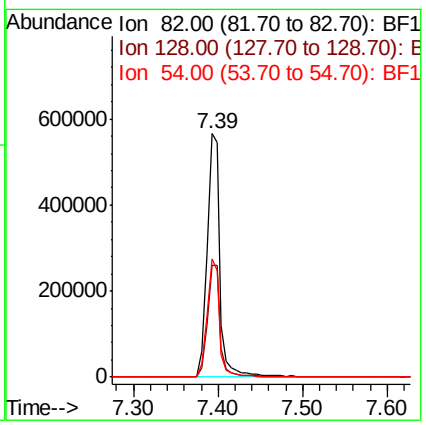


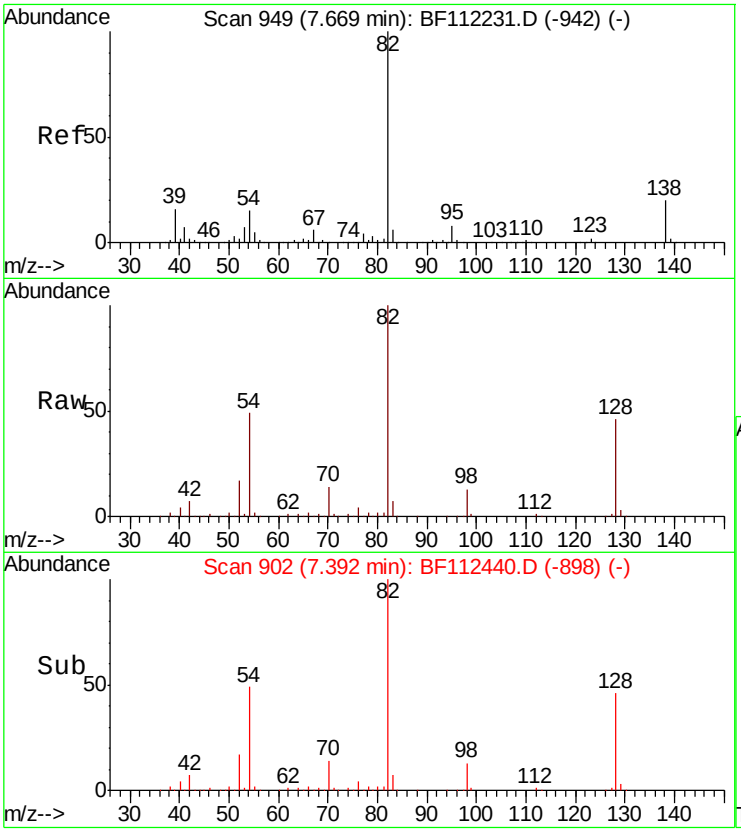


#23
Nitrobenzene-d5
Concen: 66.817 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion: 82 Resp: 607957

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.8	56.8
54	48.7	39.7	59.5



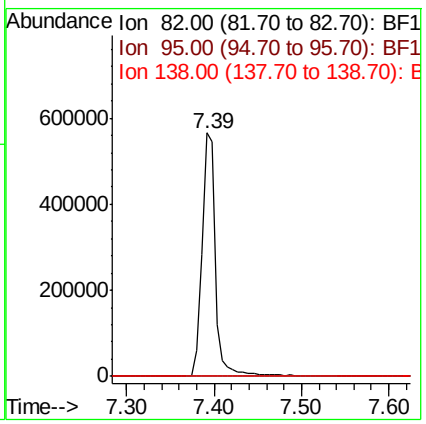


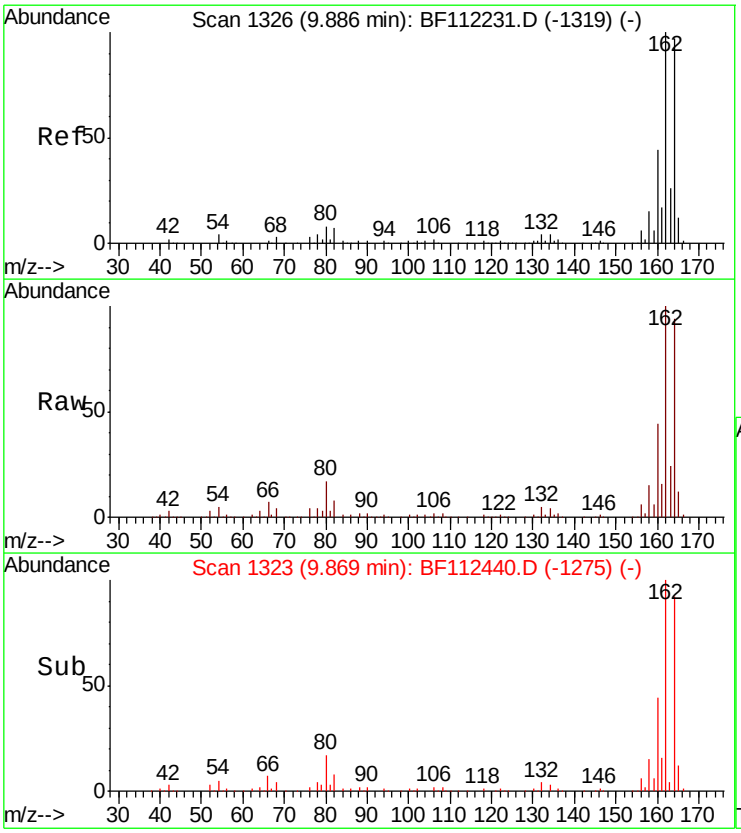
#25
Isophorone
Concen: 42.591 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion: 82 Resp: 607953

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

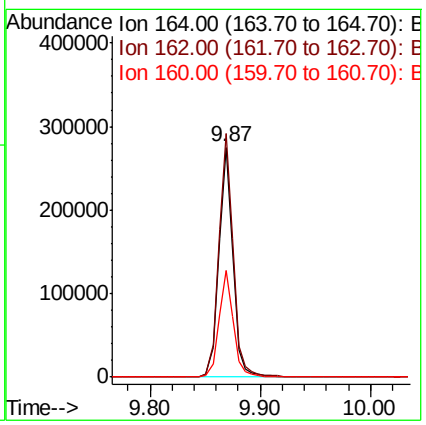


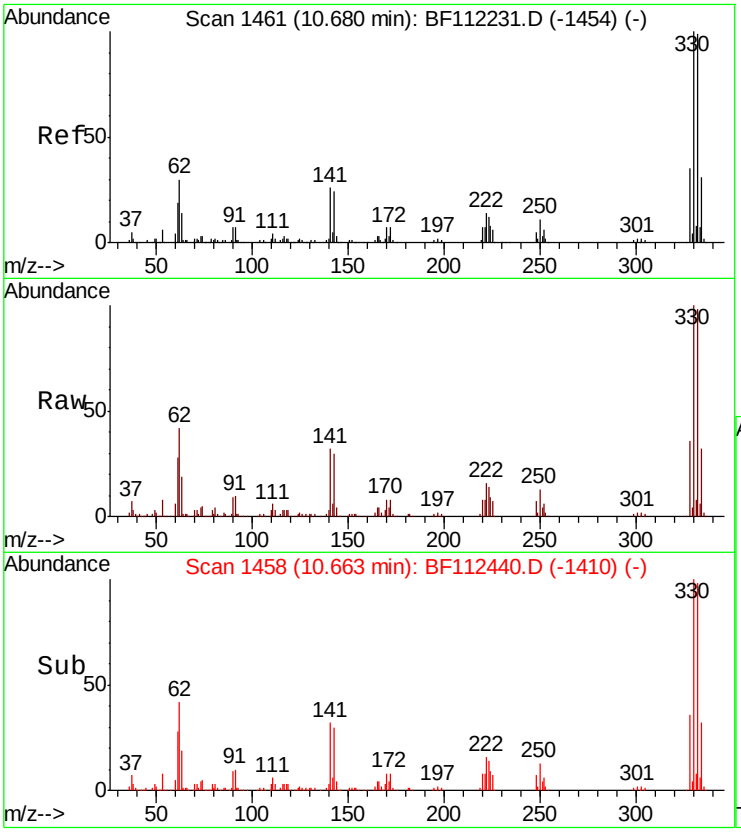


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion:164 Resp: 244688

Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.2	123.4
160	46.3	36.2	54.4



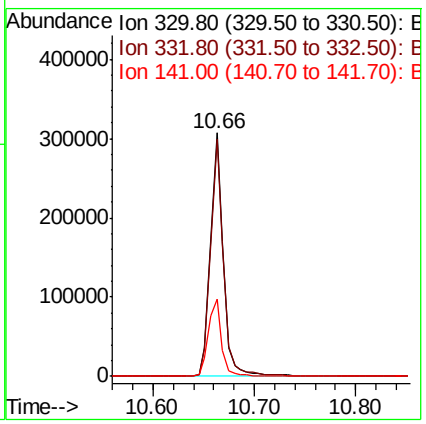


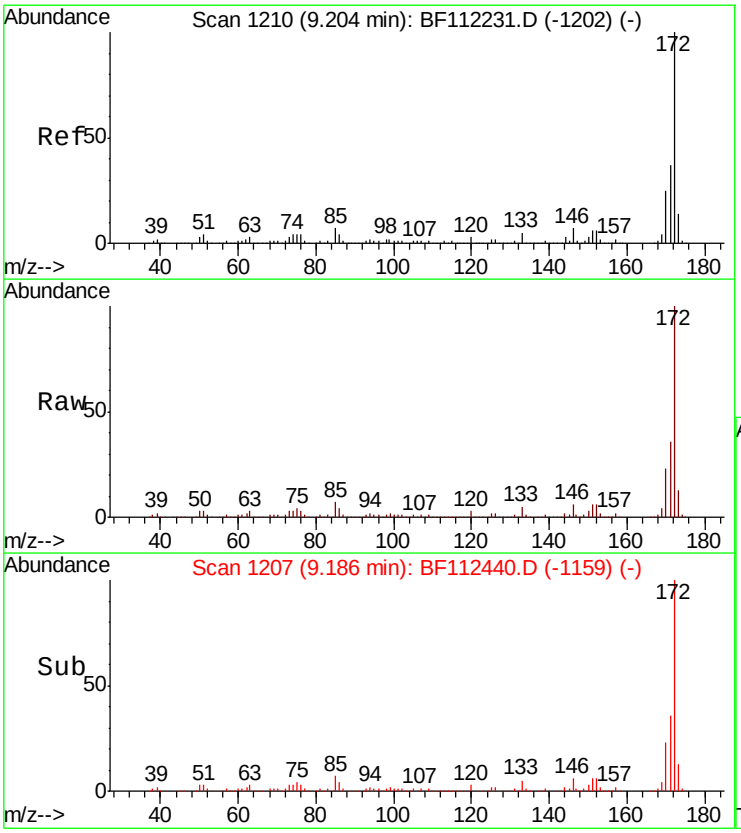
#42
2,4,6-Tribromophenol
Concen: 96.345 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:330 Resp: 274401

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	32.4	24.3	36.5

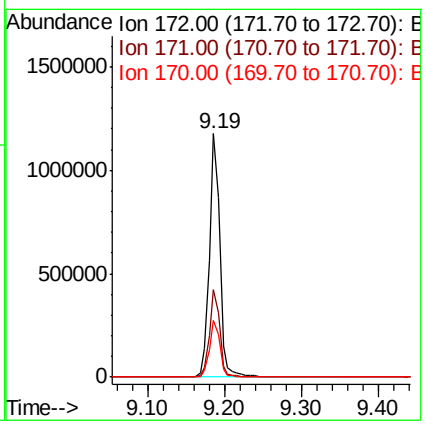


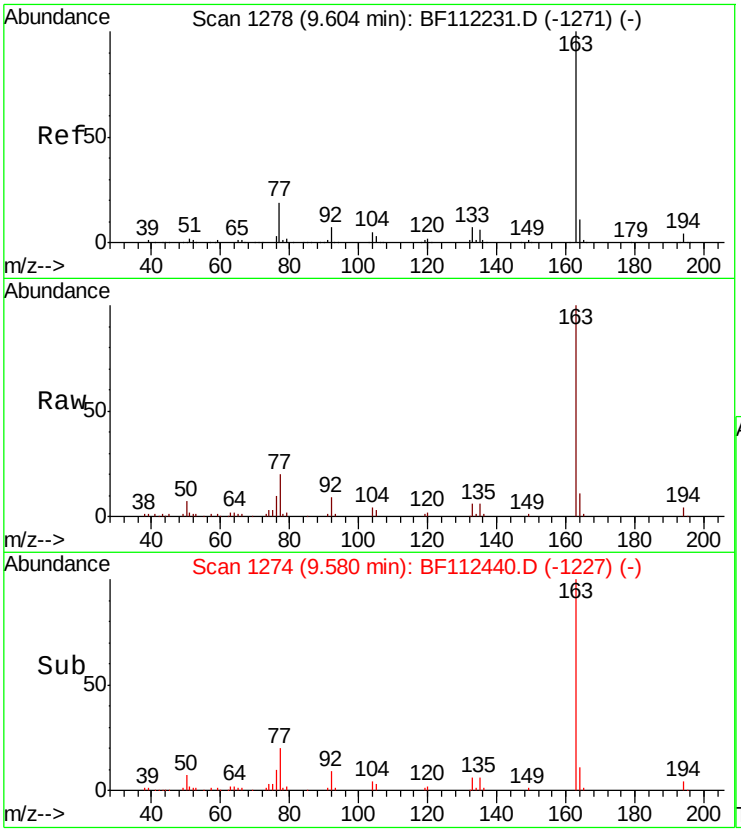


#45
2-Fluorobiphenyl
Concen: 62.817 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion:172 Resp: 1086764

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.5	45.7
170	23.5	20.2	30.4



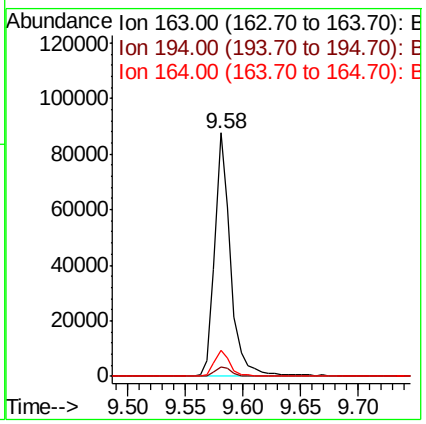


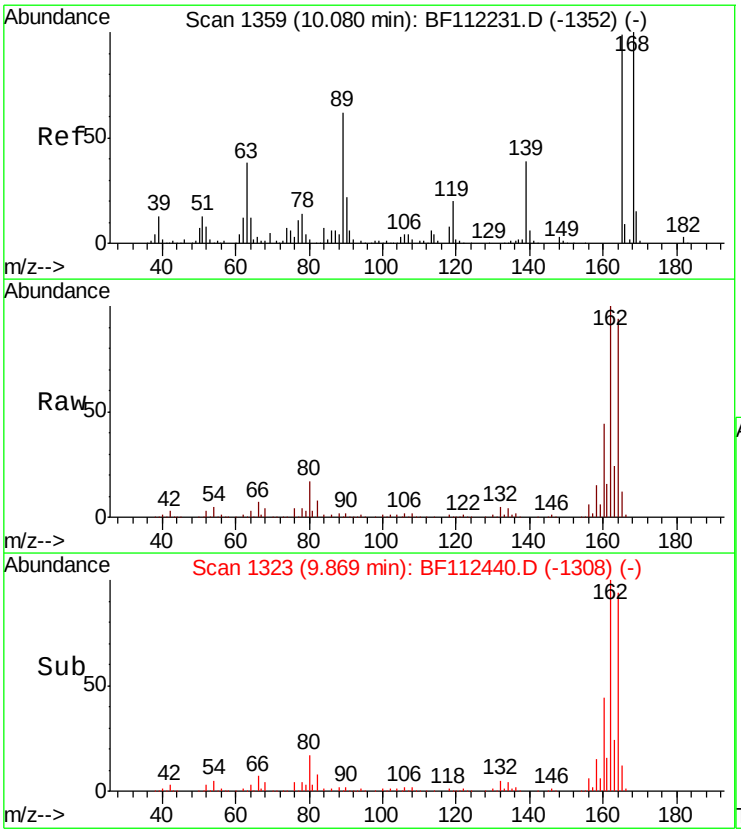
#50
Dimethylphthalate
Concen: 4.392 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:163 Resp: 83491

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.6	8.5	12.7

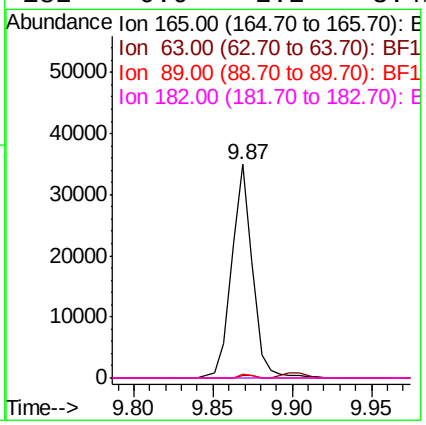


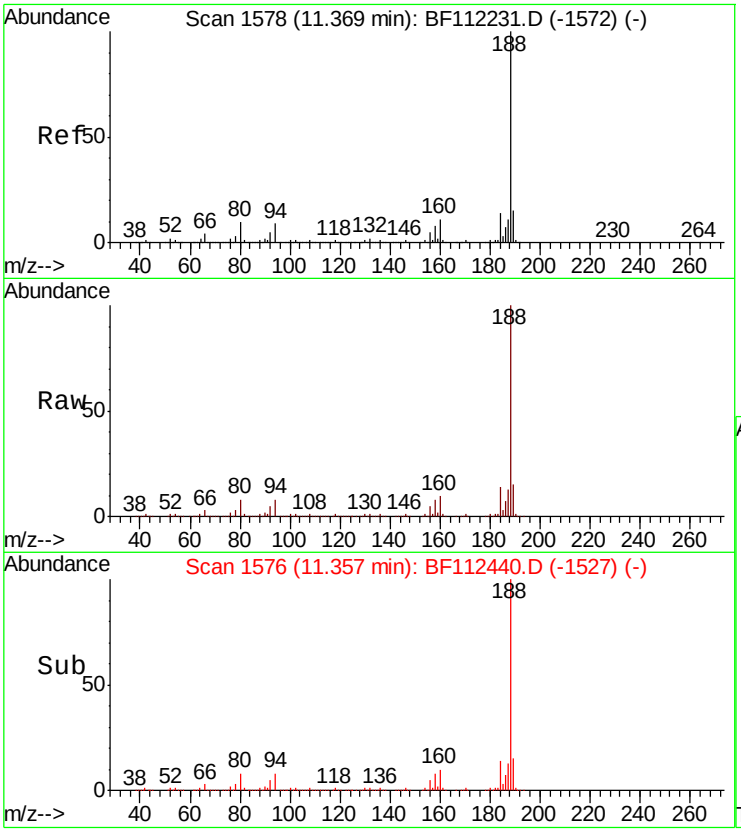


#57
2,4-Dinitrotoluene
Concen: 5.910 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion:165 Resp: 32032

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.9	41.9#
89	2.0	47.9	71.9#
182	0.0	2.2	3.4#



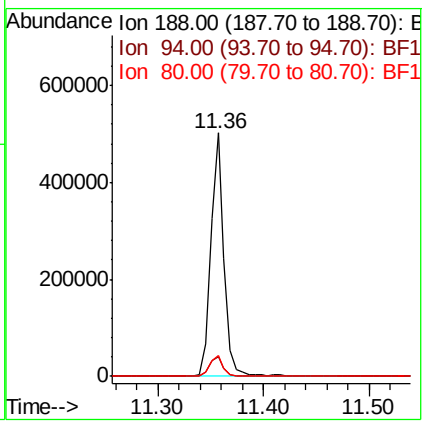


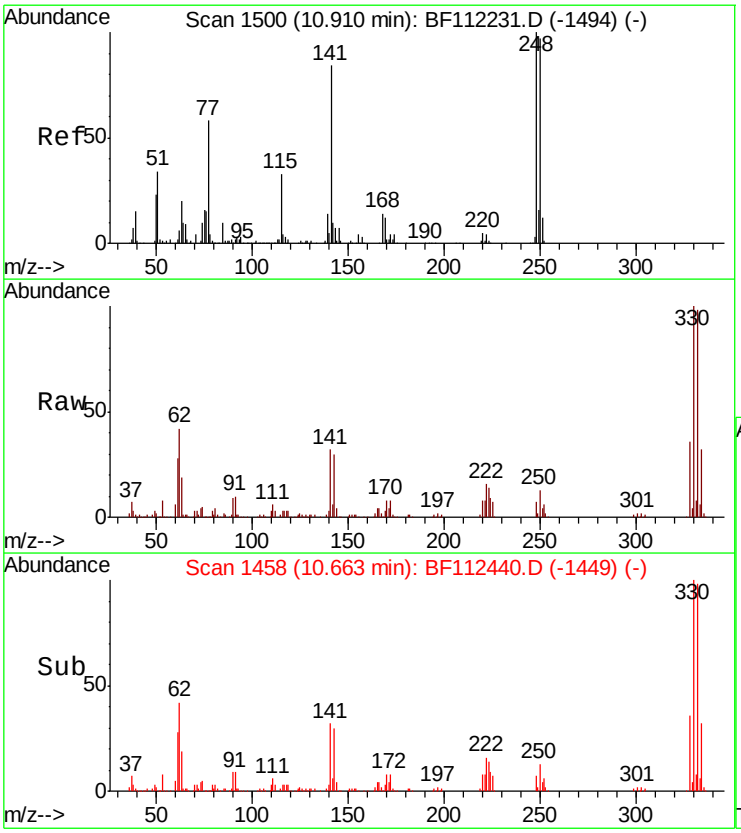
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:188 Resp: 438905

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.5	8.9	13.3#

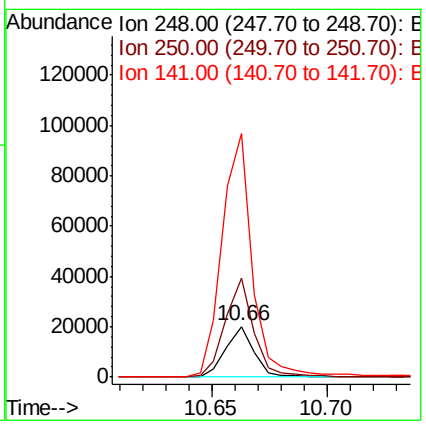


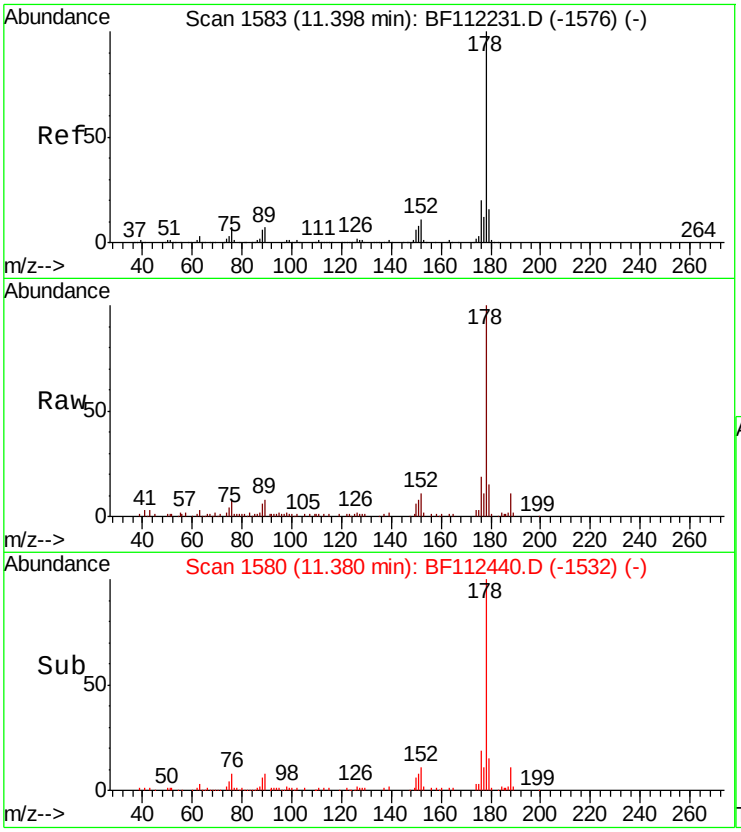


#67
4-Bromophenyl-phenylether
Concen: 3.366 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion:248 Resp: 17377

Ion	Ratio	Lower	Upper
248	100		
250	194.3	79.7	119.5#
141	479.9	60.3	90.5#



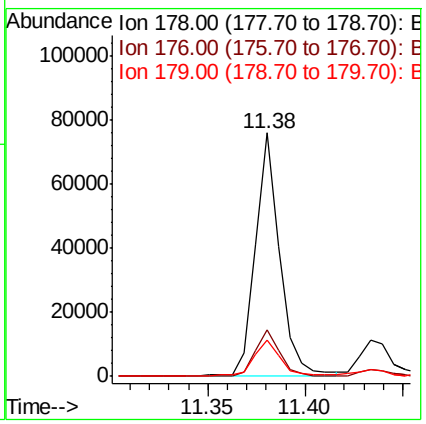


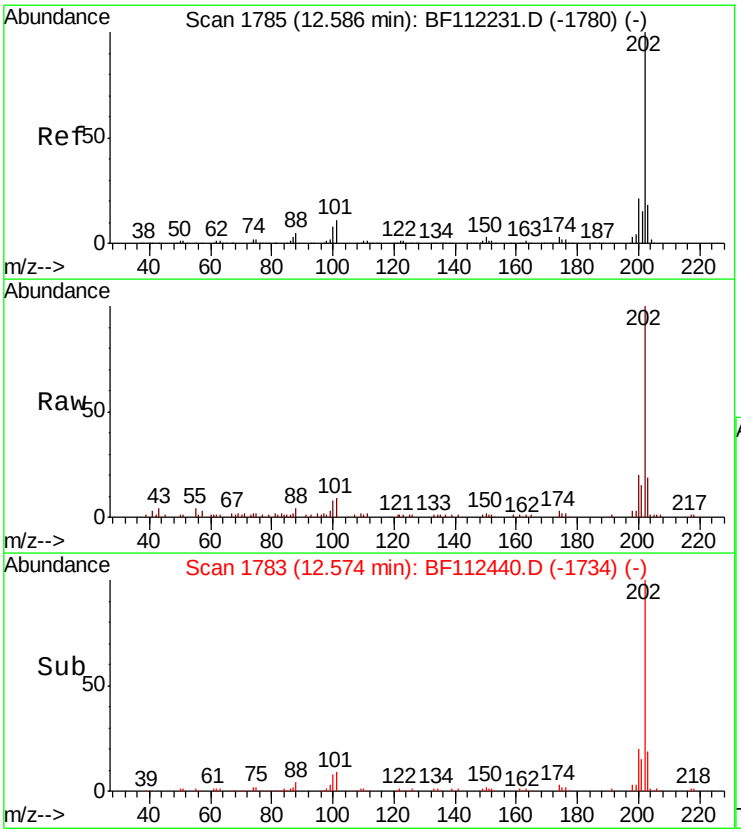
#71
Phenanthrene
Concen: 2.891 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:178 Resp: 65963

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	15.0	13.0	19.4

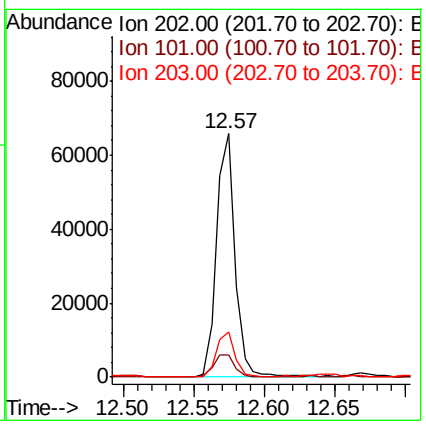


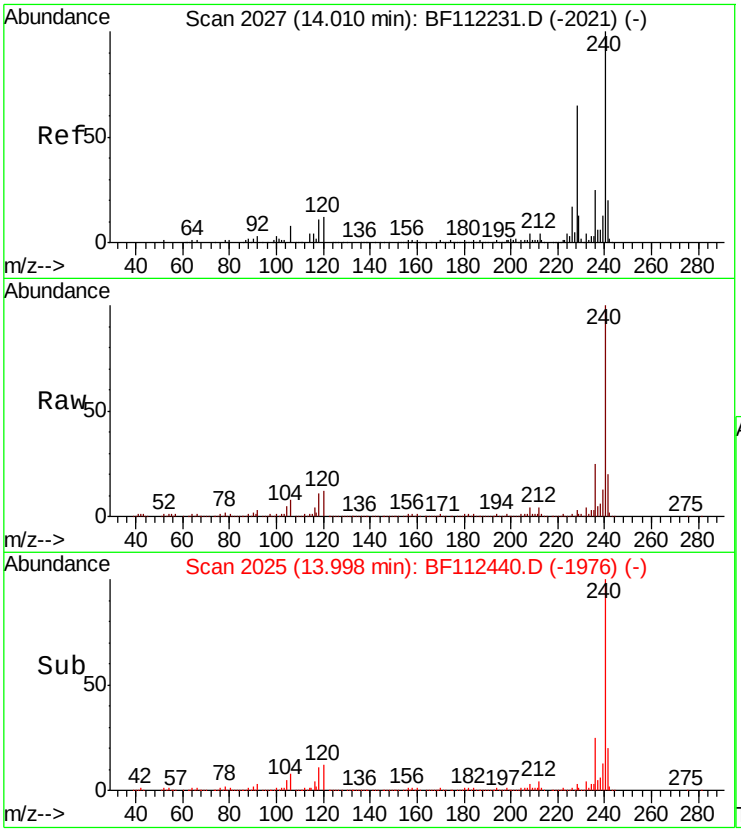


#75
Fluoranthene
Concen: 2.463 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion:202 Resp: 60267

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	31.8
203	18.8	0.0	38.4



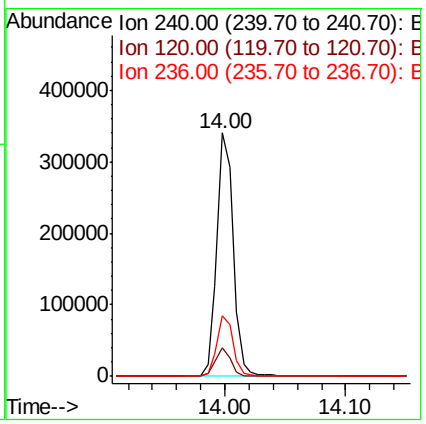


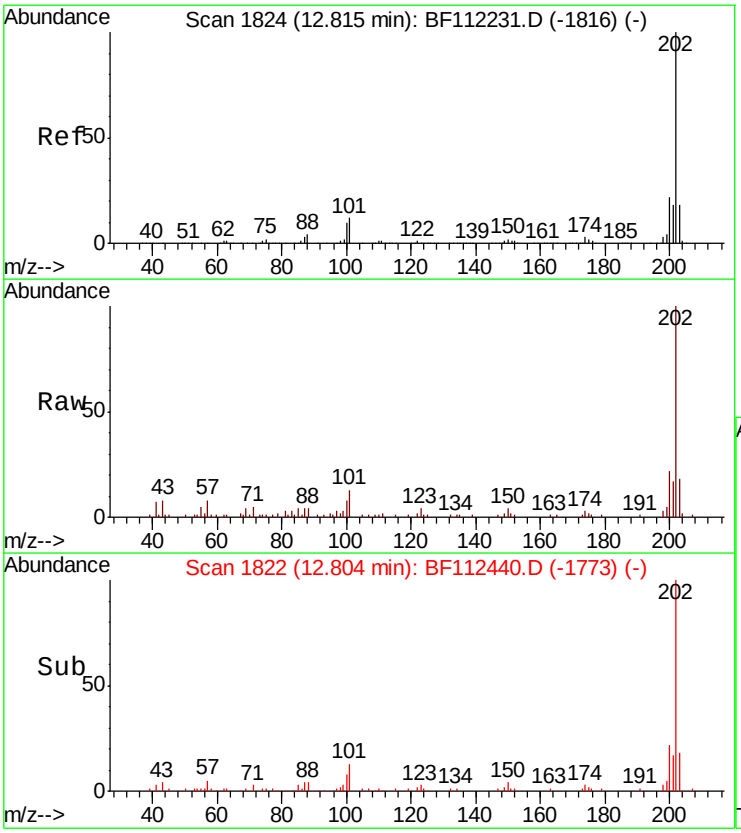
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:240 Resp: 318668

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.6
236	24.7	20.7	31.1

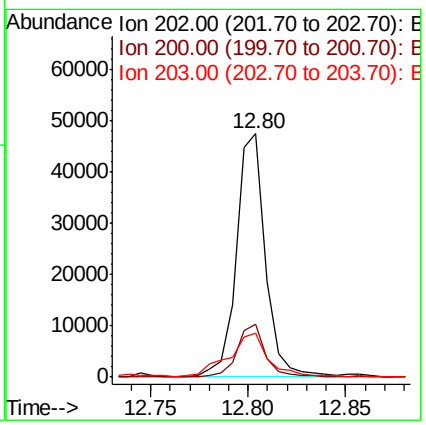


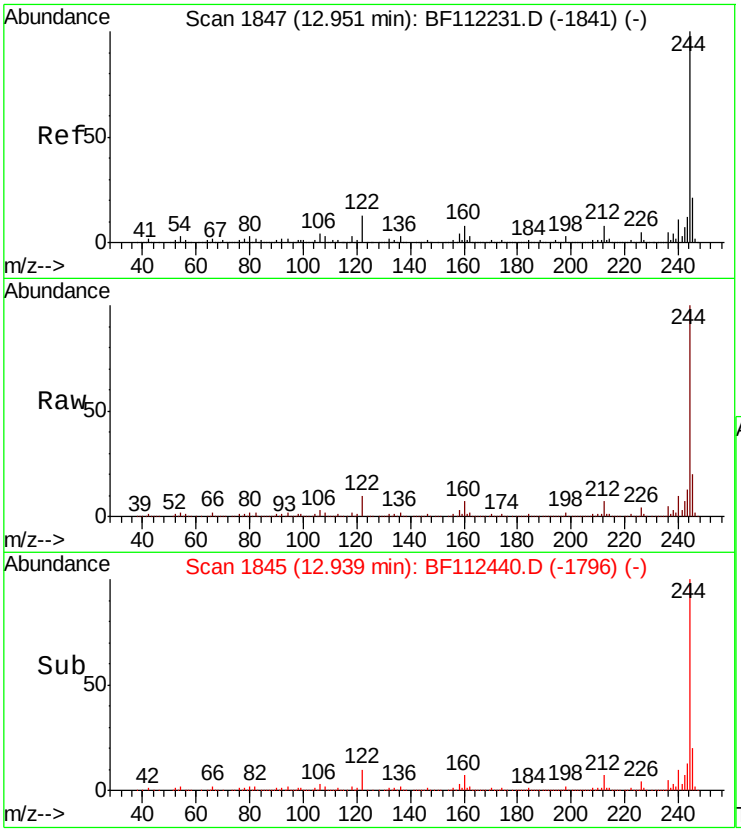


#78
Pyrene
Concen: 2.229 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion:202 Resp: 49181

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	18.2	14.6	22.0



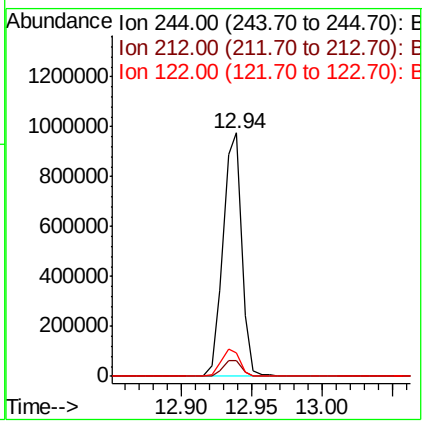


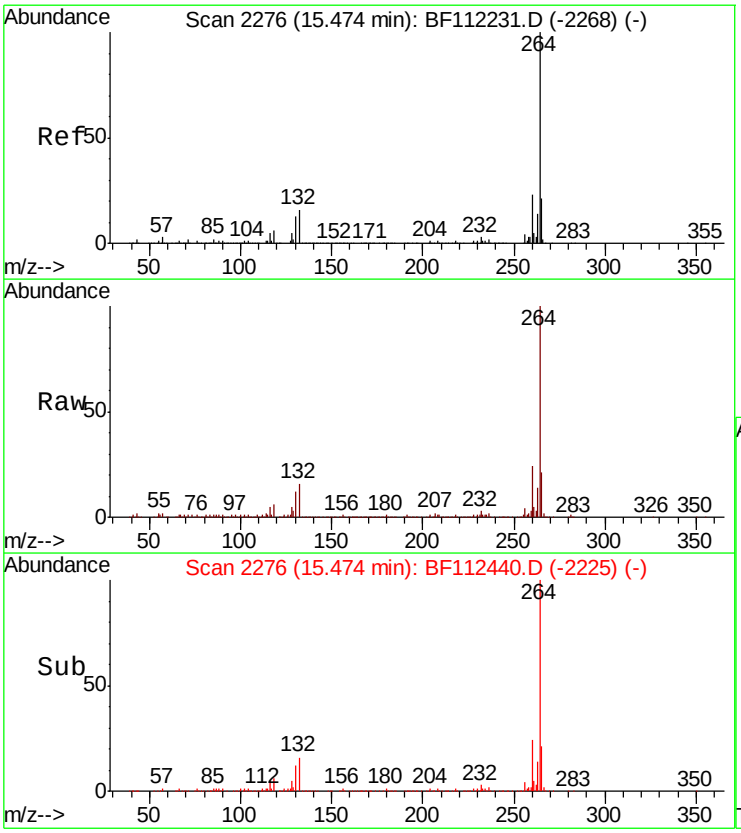
#79
Terphenyl-d14
Concen: 53.075 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:244 Resp: 898002

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	9.8	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion:264 Resp: 299319

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	20.7	17.0	25.4