Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020419\
Data File : BF112390.D
Acq On : 4 Feb 2019 19:50
Operator : JU/SJ
Sample : K1360-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200053

Quant Time: Feb 04 23:47:43 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	164425	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	647327	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	312581	20.00	ng		-0.02
64) Phenanthrene-d10	11.35	188	565552	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	383495	20.00	ng		-0.01
87) Perylene-d12	15.46	264	365412	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	443396	57.28	ng		-0.02
7) Phenol-d6	6.47	99	575880	53.54	ng		-0.02
23) Nitrobenzene-d5	7.39	82	339551	30.22	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	155625	42.77	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	535673	24.24	ng		-0.02
79) Terphenyl-d14	12.93	244	467502	22.96	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.49	94	42293	3.584	ng		83
19) n-Nitroso-di-n-propylamine	7.39	70	45328	6.111	ng	#	75
25) Isophorone	7.39	82	339548	19.266	ng	#	63
50) Dimethylphthalate	9.58	163	77081	3.174	ng		98
51) 2,6-Dinitrotoluene	9.87	165	38516	7.081	ng	#	34
57) 2,4-Dinitrotoluene	9.87	165	38516	5.562	ng	#	32
75) Fluoranthene	12.57	202	65872	2.089	ng		95
78) Pyrene	12.80	202	62016	2.336	ng		97
89) Benzo(k)fluoranthene	15.04	252	41879	2.001	ng	#	84

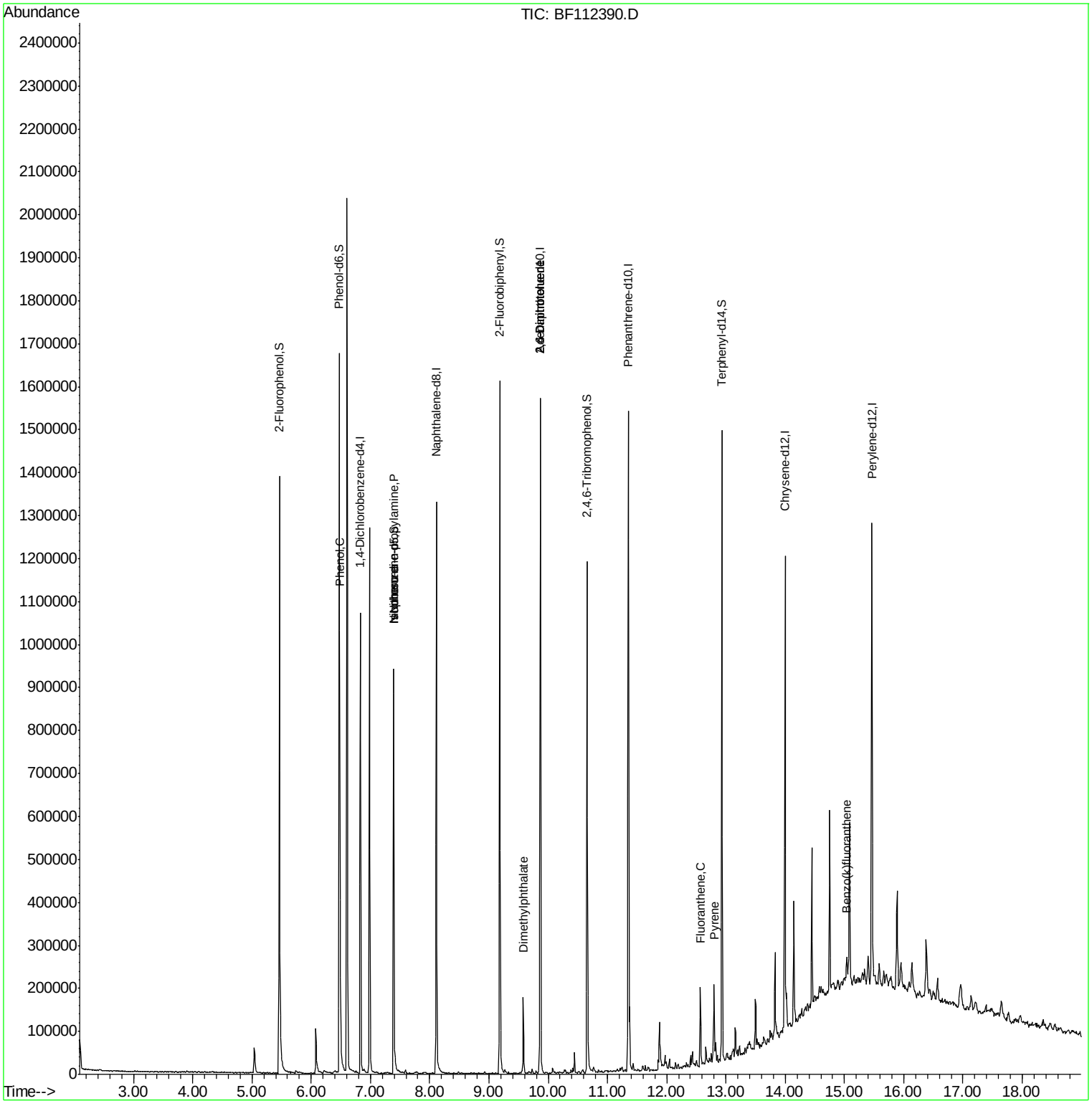
(#) = qualifier out of range (m) = manual integration (+) = signals summed

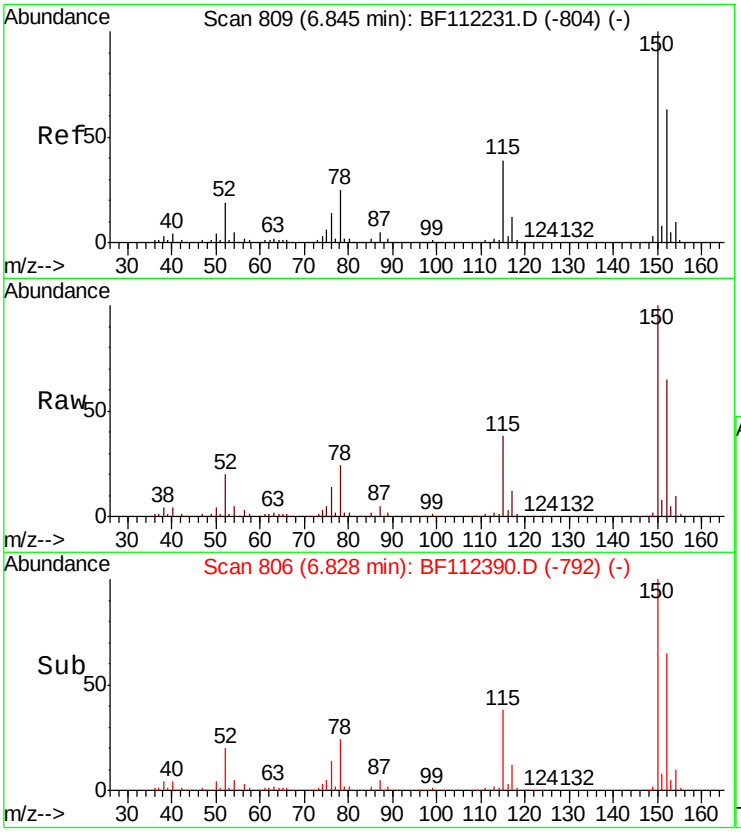
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020419\
Data File : BF112390.D
Acq On : 4 Feb 2019 19:50
Operator : JU/SJ
Sample : K1360-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Quant Time: Feb 04 23:47:43 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



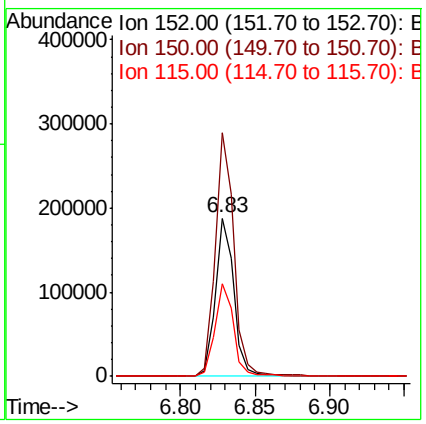


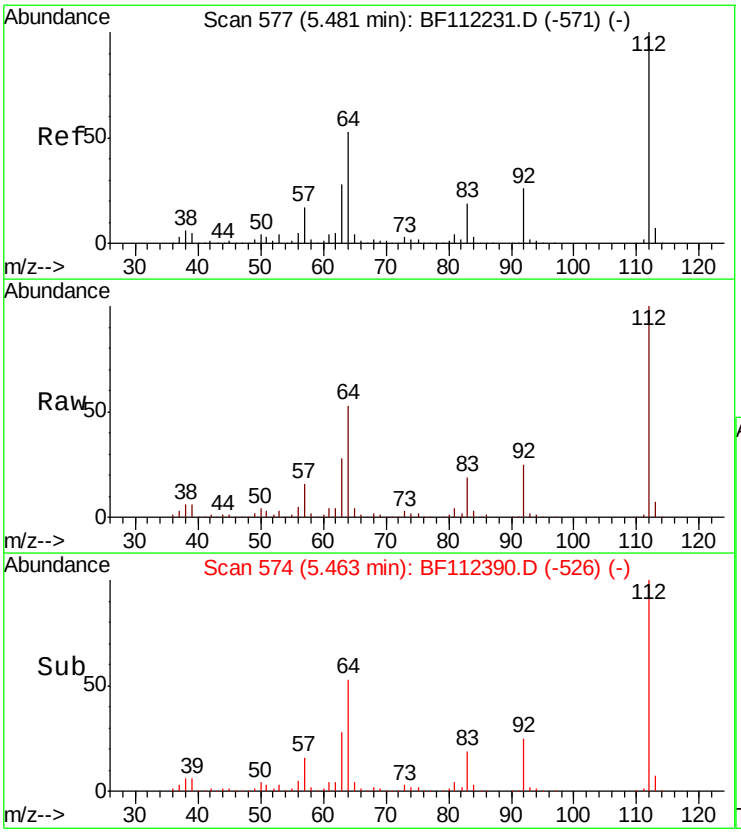
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion:152 Resp: 164425

Ion	Ratio	Lower	Upper
152	100		
150	153.8	127.4	191.0
115	58.8	45.5	68.3

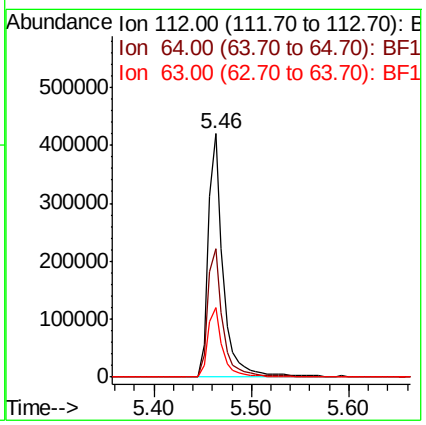


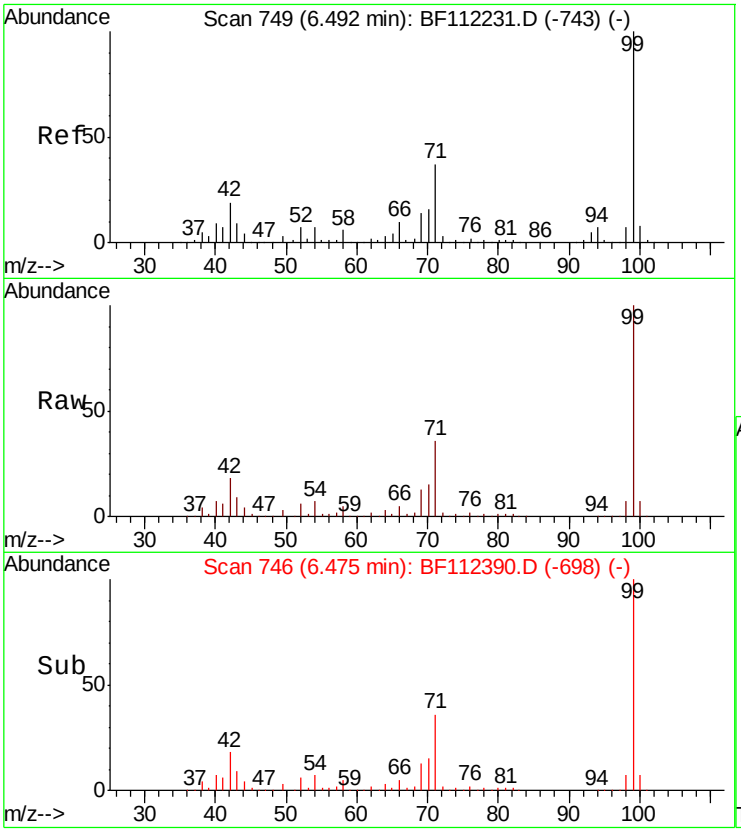


#5
2-Fluorophenol
Concen: 57.279 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion:112 Resp: 443396

Ion	Ratio	Lower	Upper
112	100		
64	52.6	45.7	68.5
63	28.5	23.6	35.4



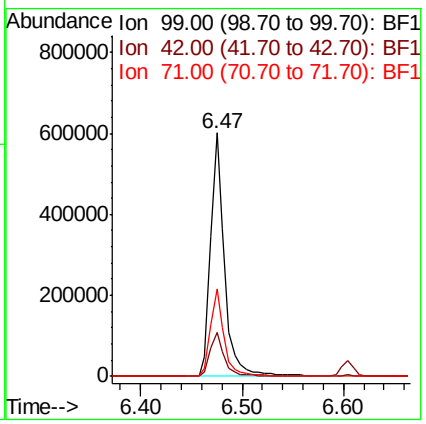


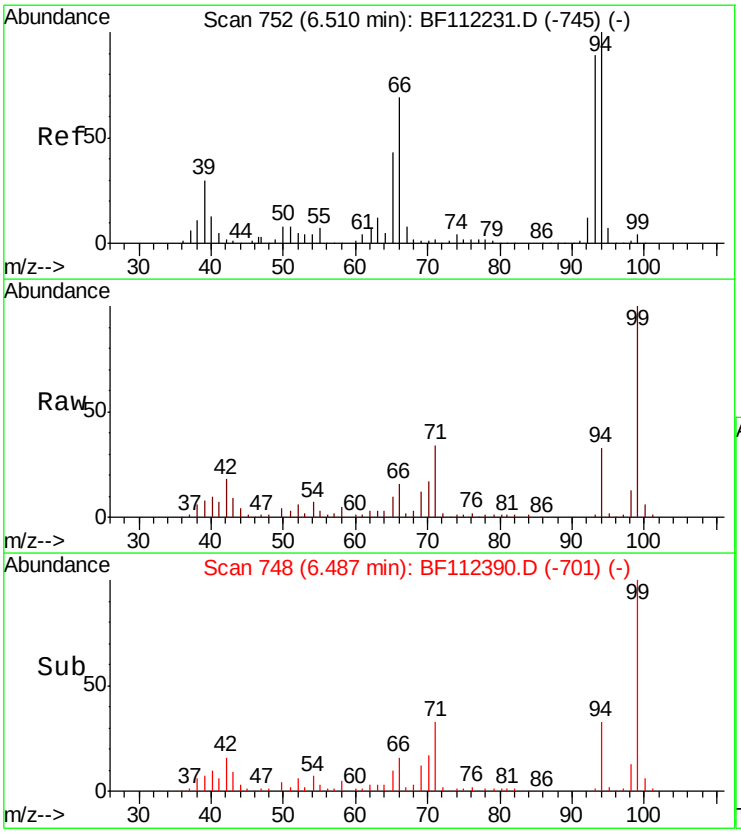
#7
Phenol-d6
Concen: 53.537 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion: 99 Resp: 575880

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.1	22.7
71	35.9	26.9	40.3

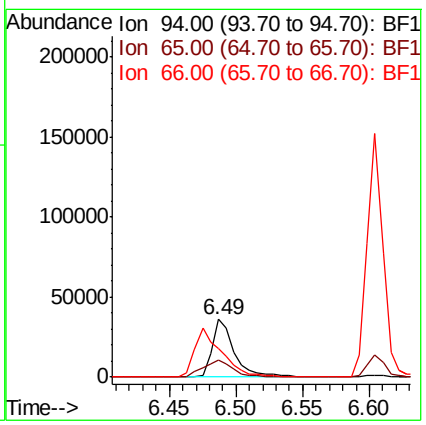


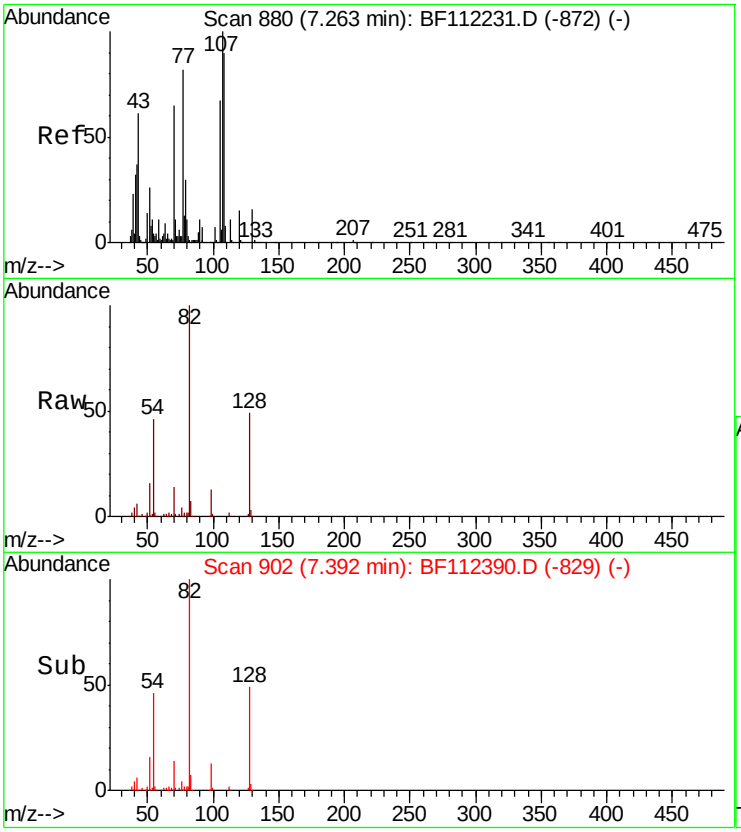


#10
Phenol
Concen: 3.584 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion: 94 Resp: 42293

Ion	Ratio	Lower	Upper
94	100		
65	30.0	20.3	60.3
66	49.7	42.4	82.4



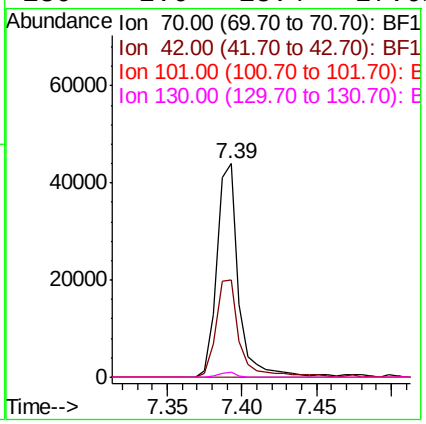


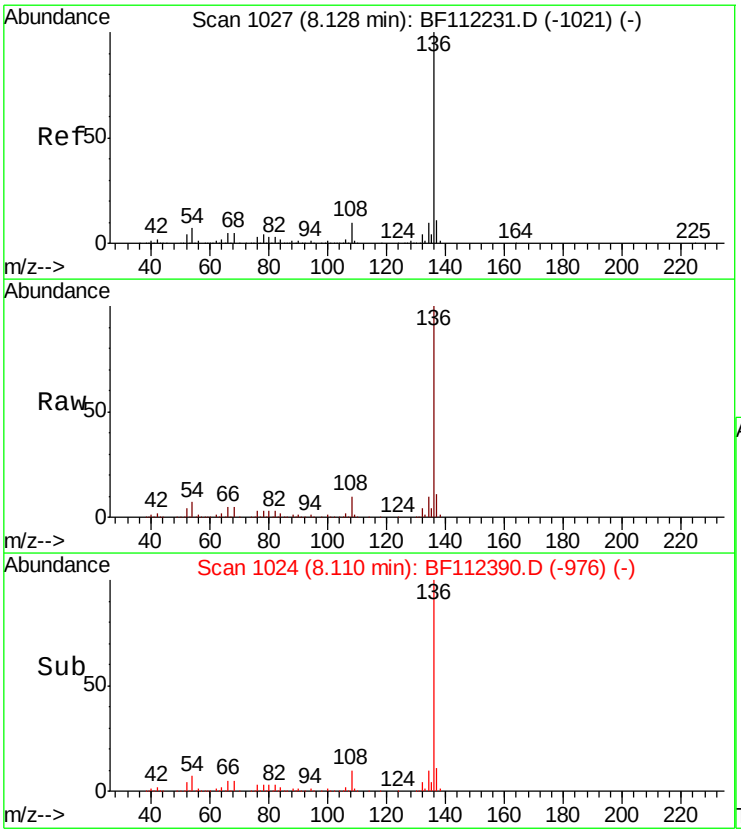
#19
n-Nitroso-di-n-propylamine
Concen: 6.111 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion: 70 Resp: 45328

Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.6	71.4#
101	0.0	7.9	11.9#
130	2.6	18.4	27.6#

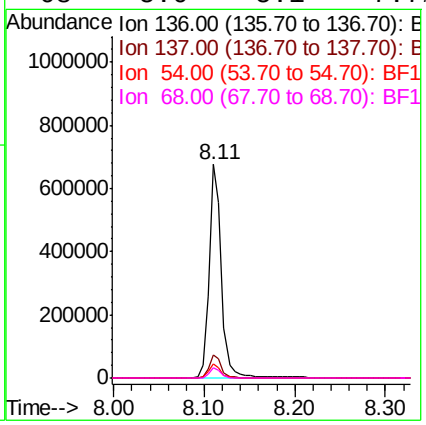


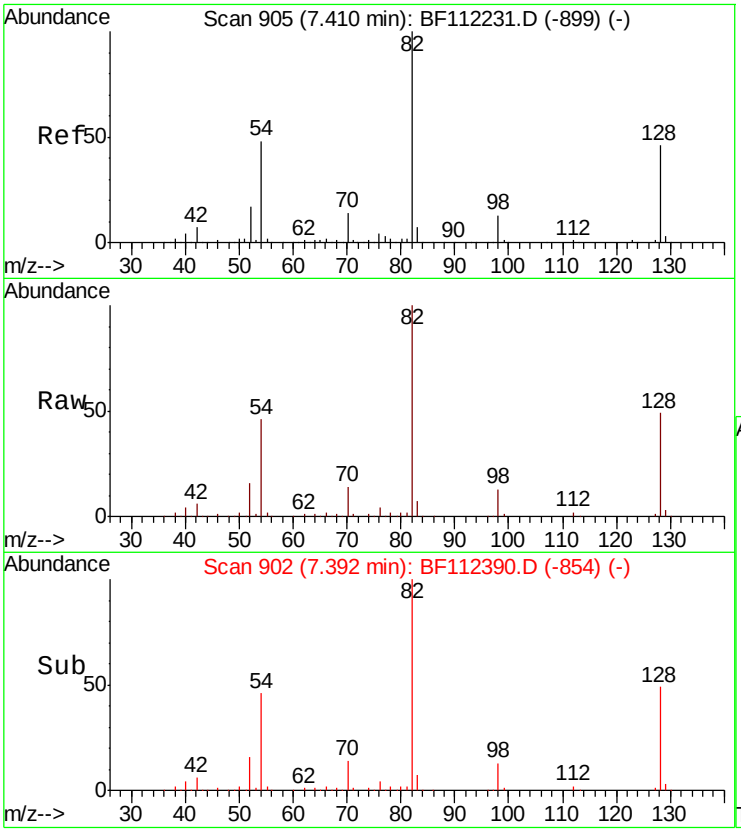


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion:136 Resp: 647327

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	5.9	8.9
68	5.0	5.1	7.7#



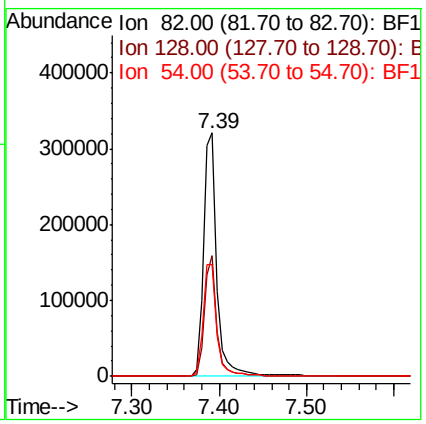


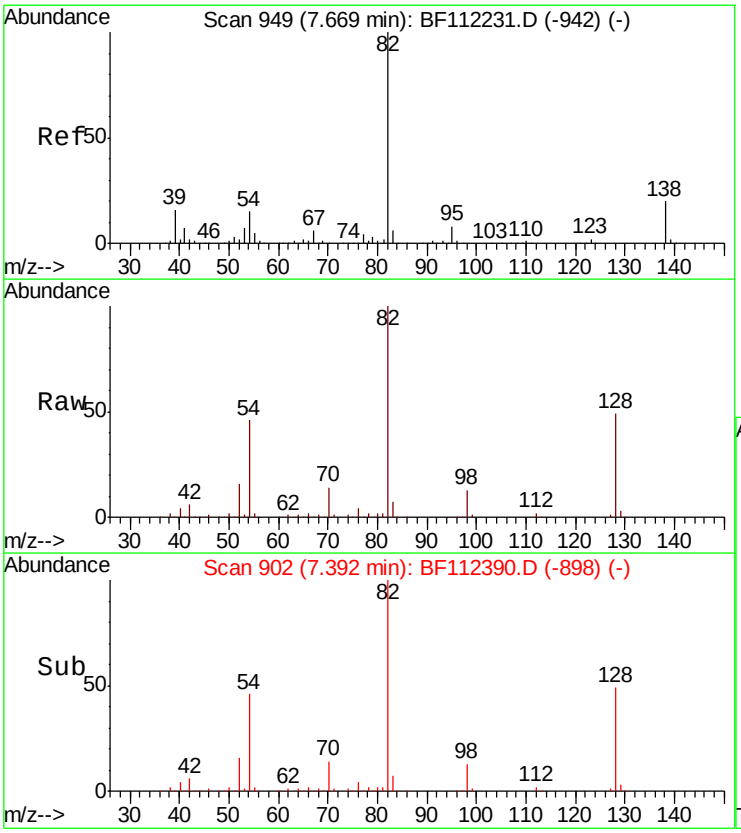
#23
Nitrobenzene-d5
Concen: 30.224 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion: 82 Resp: 339551

Ion	Ratio	Lower	Upper
82	100		
128	49.3	37.8	56.8
54	46.0	39.7	59.5

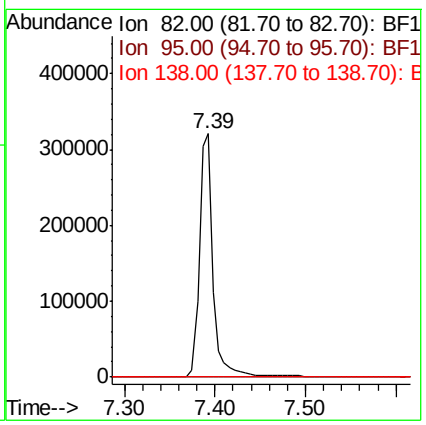


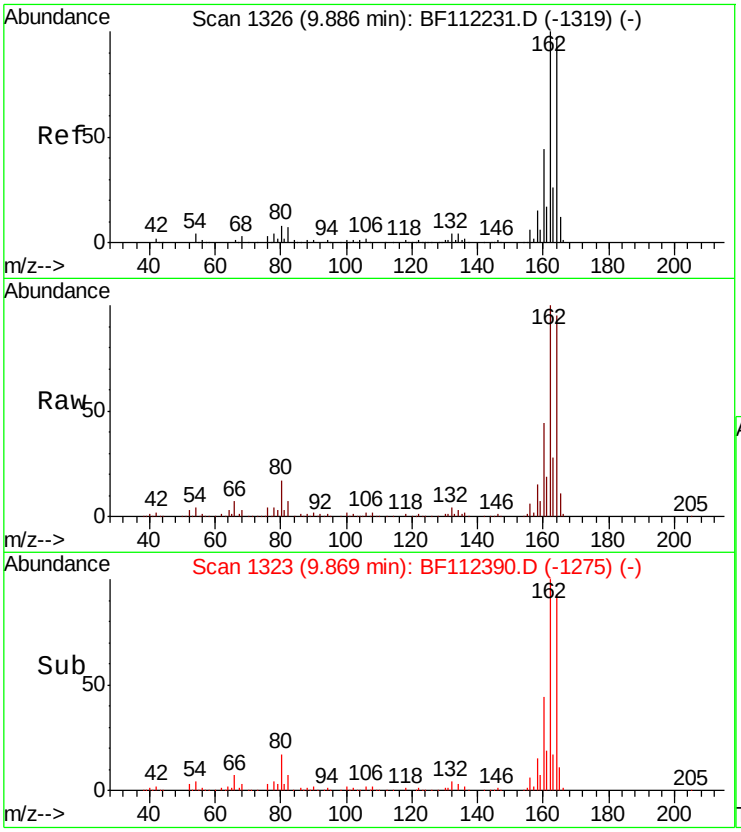


#25
Isophorone
Concen: 19.266 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion: 82 Resp: 339548

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



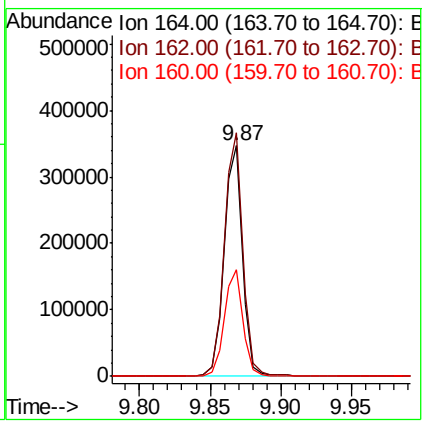


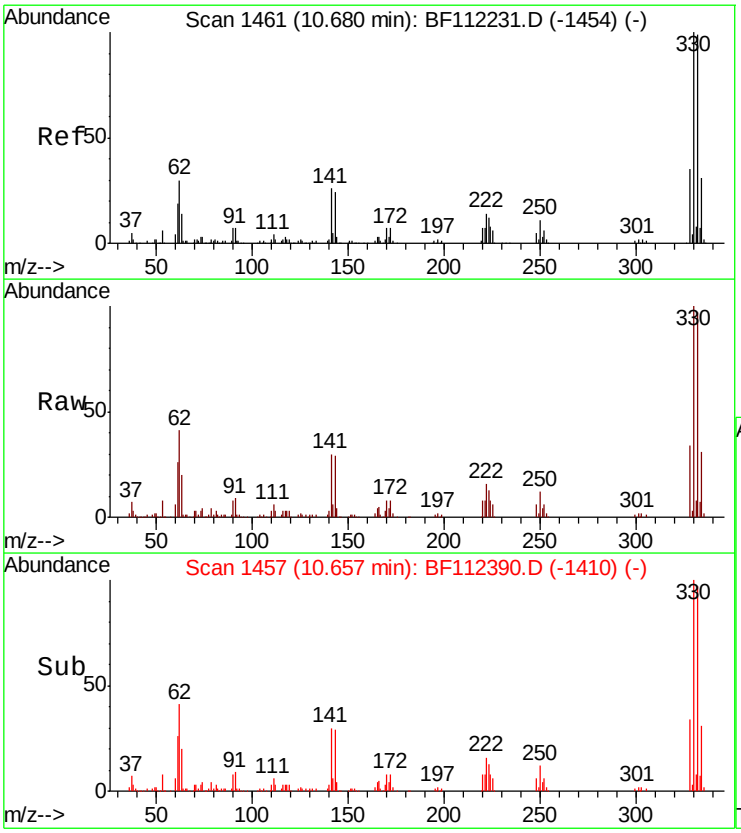
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion:164 Resp: 312581

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.2	123.4
160	46.6	36.2	54.4

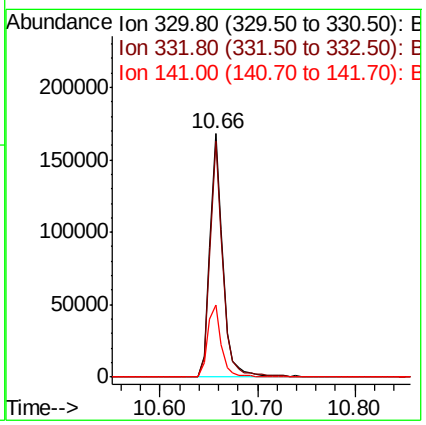


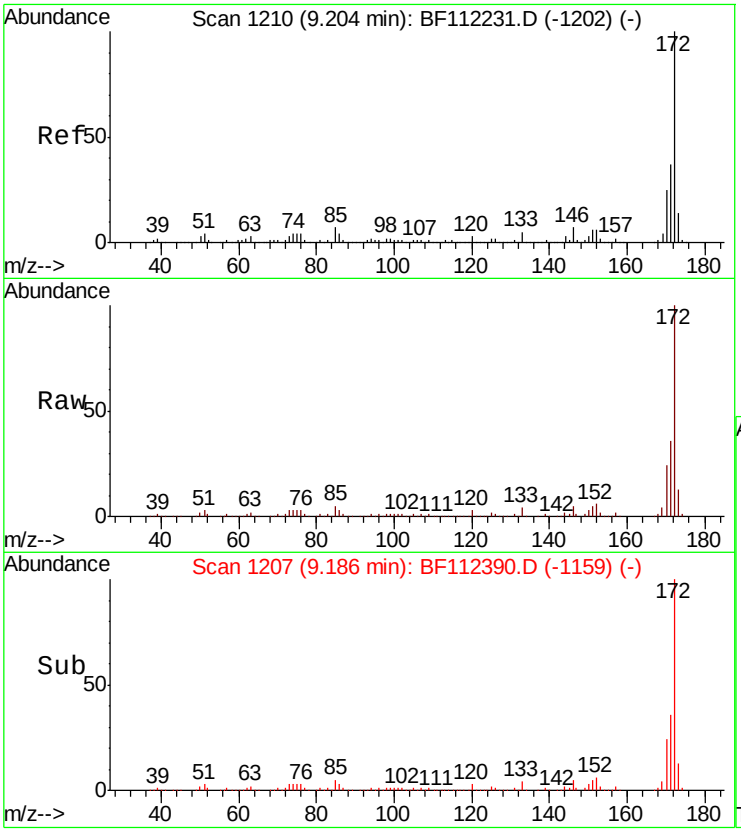


#42
2,4,6-Tribromophenol
Concen: 42.773 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion:330 Resp: 155625

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	30.9	24.3	36.5



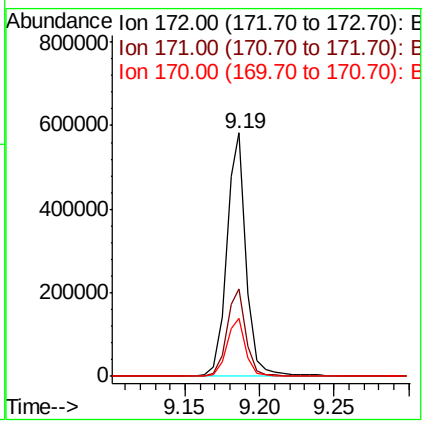


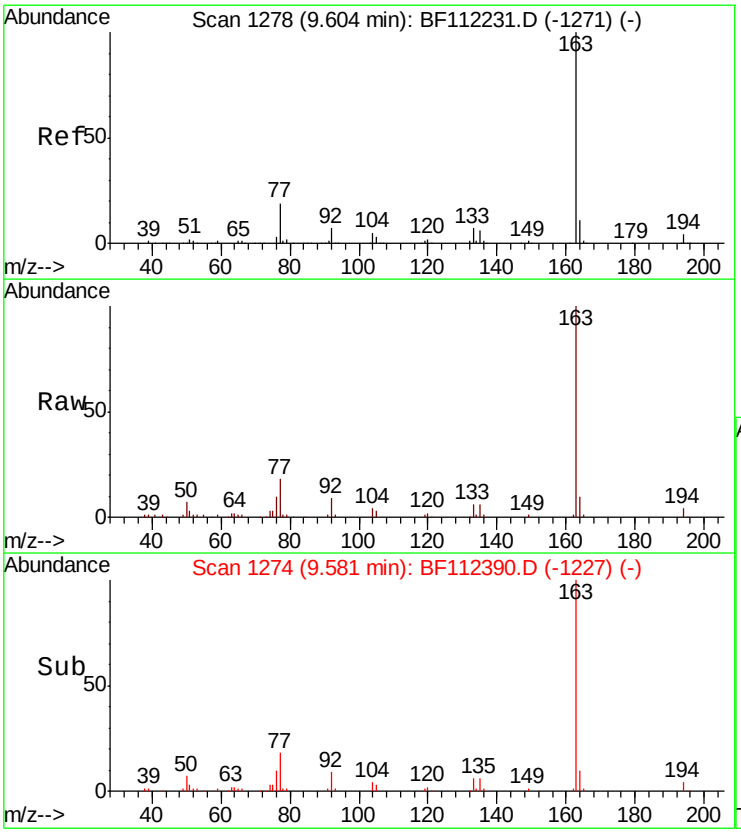
#45
2-Fluorobiphenyl
Concen: 24.238 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion:172 Resp: 535673

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	23.7	20.2	30.4

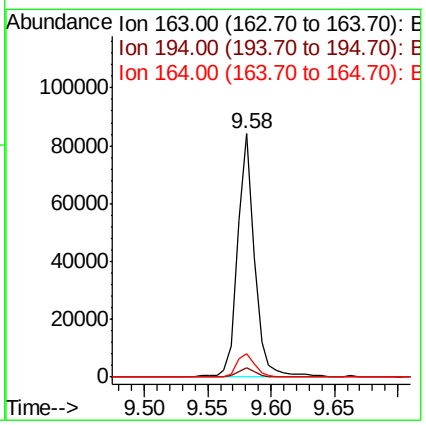


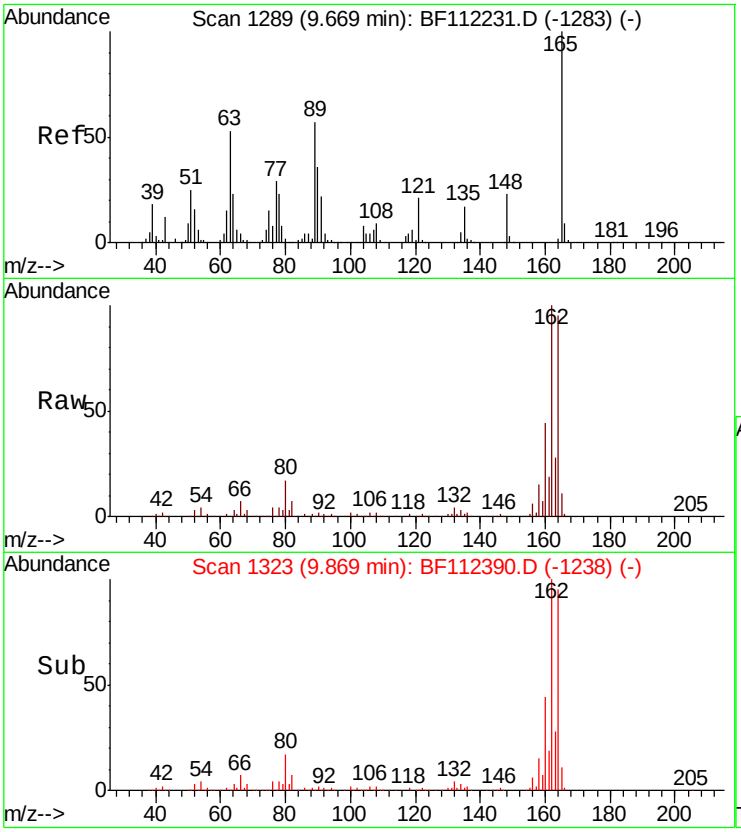


#50
Dimethylphthalate
Concen: 3.174 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion:163 Resp: 77081

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.3	4.9
164	9.7	8.5	12.7



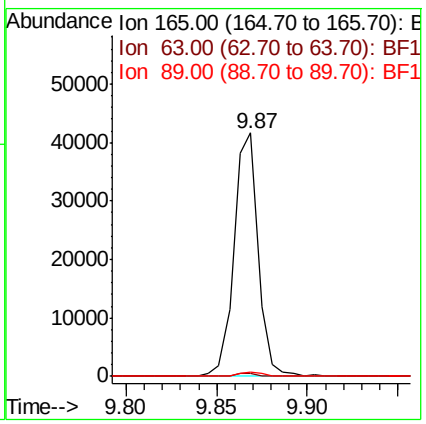


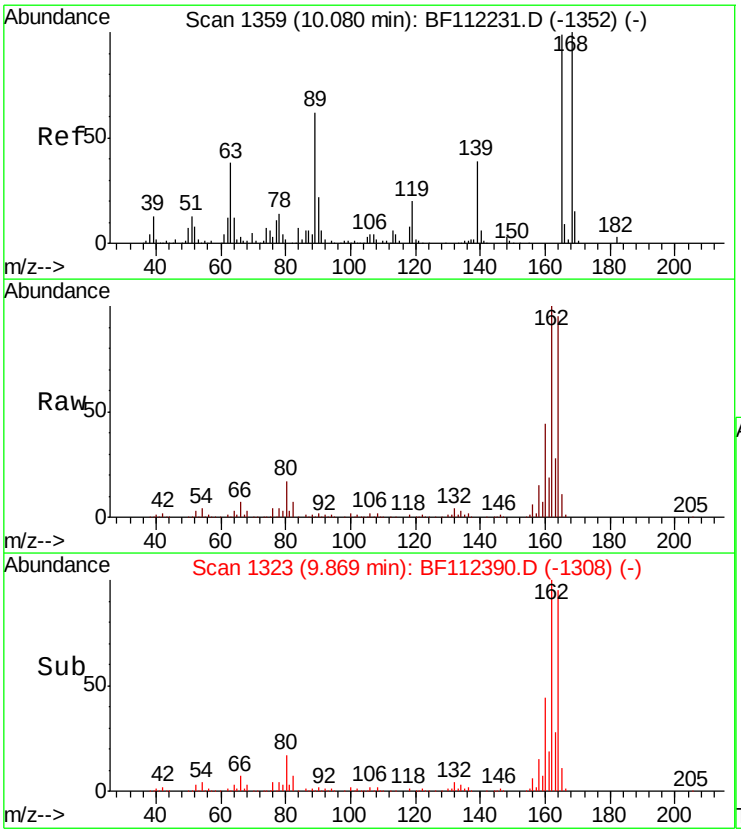
#51
2,6-Dinitrotoluene
Concen: 7.081 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.20 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion:165 Resp: 38516

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.8	50.8#
89	1.7	36.9	55.3#

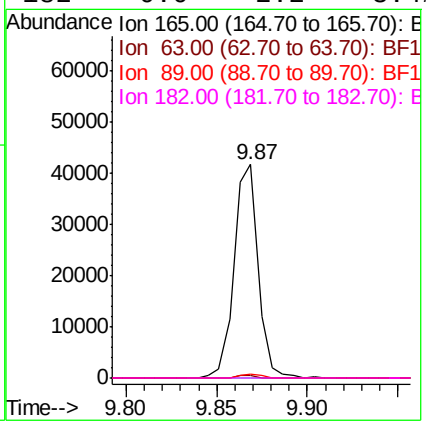


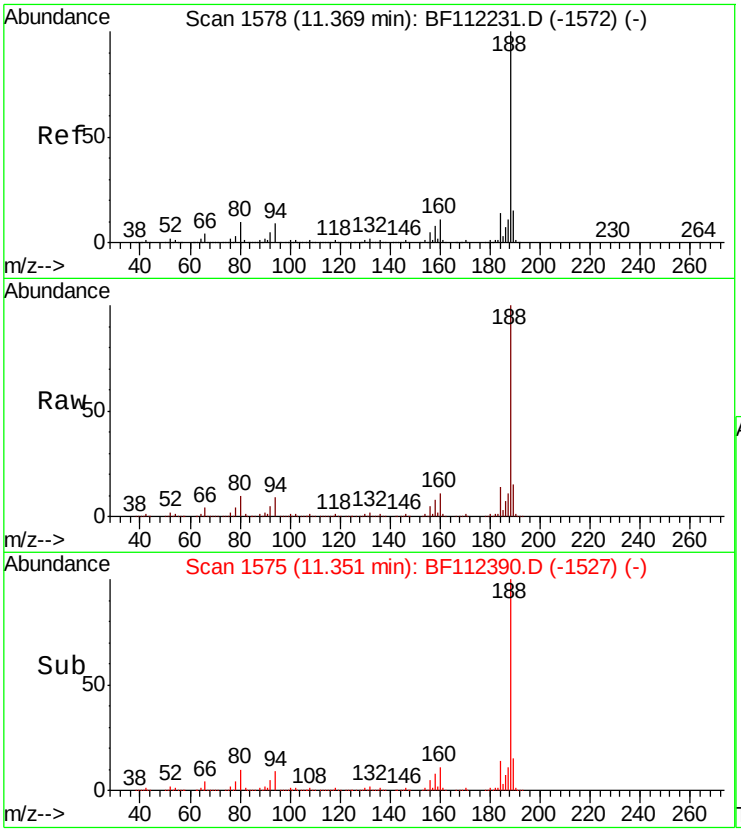


#57
2,4-Dinitrotoluene
Concen: 5.562 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion:165 Resp: 38516

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	1.7	47.9	71.9#
182	0.0	2.2	3.4#



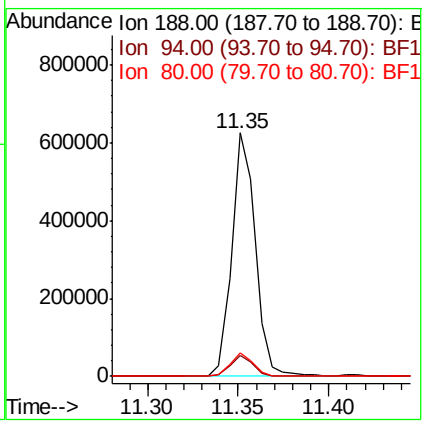


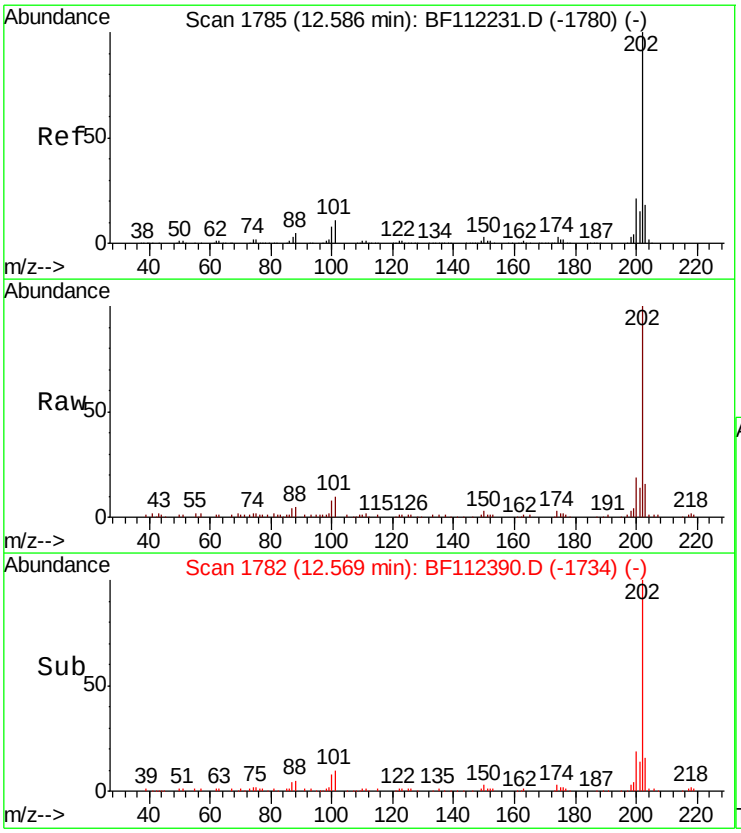
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion:188 Resp: 565552

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.6	8.9	13.3

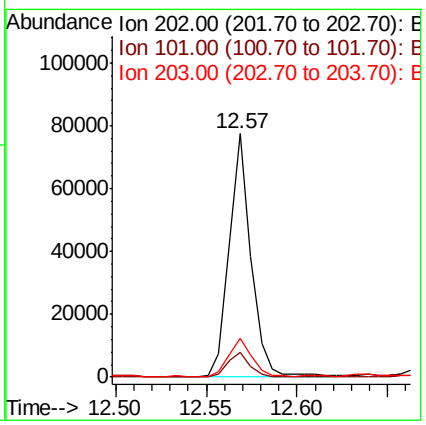


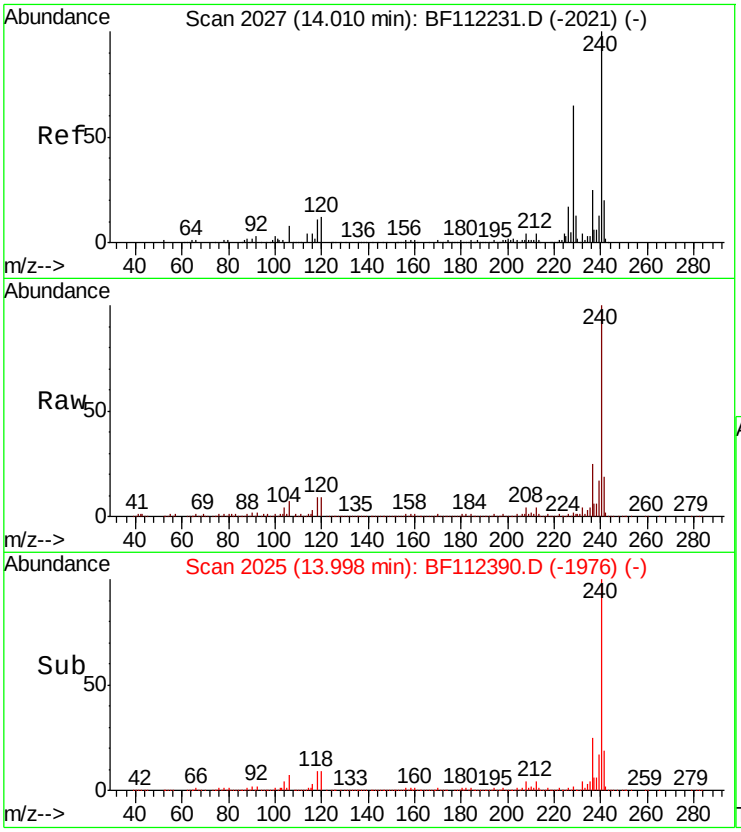


#75
Fluoranthene
Concen: 2.089 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion:202 Resp: 65872

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.8
203	16.0	0.0	38.4



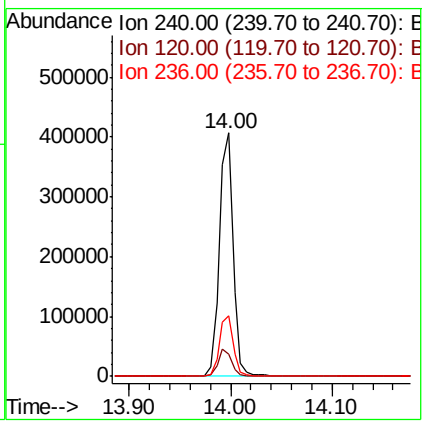


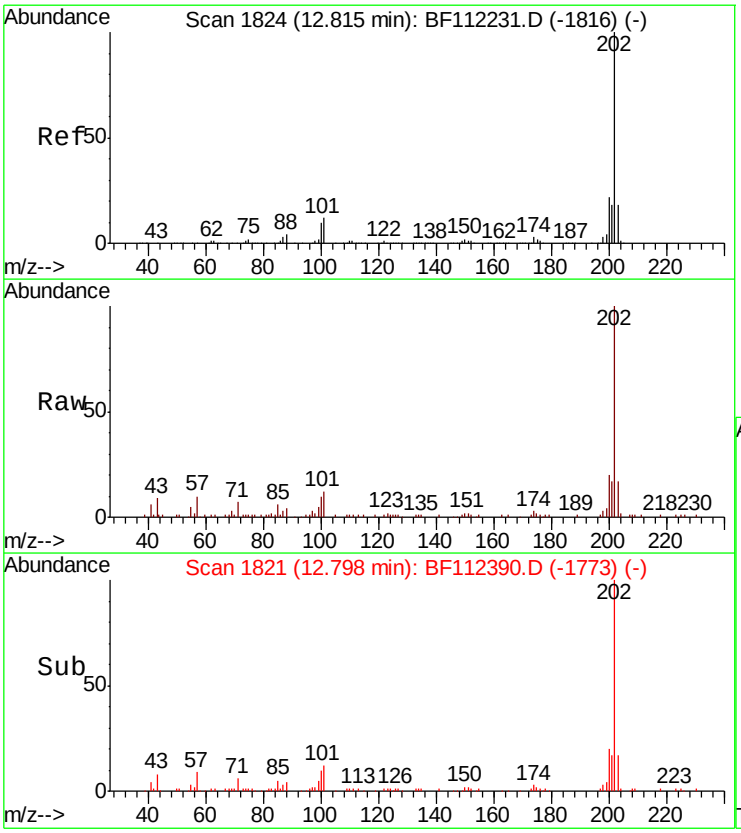
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion:240 Resp: 383495

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.0	13.6
236	25.1	20.7	31.1

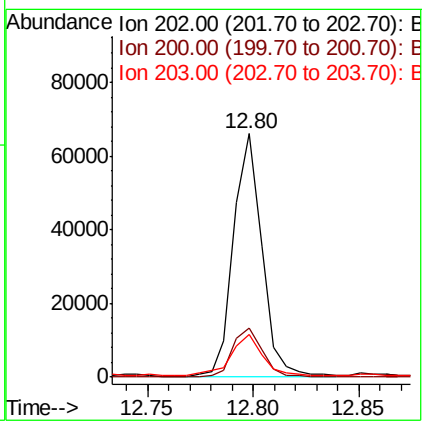


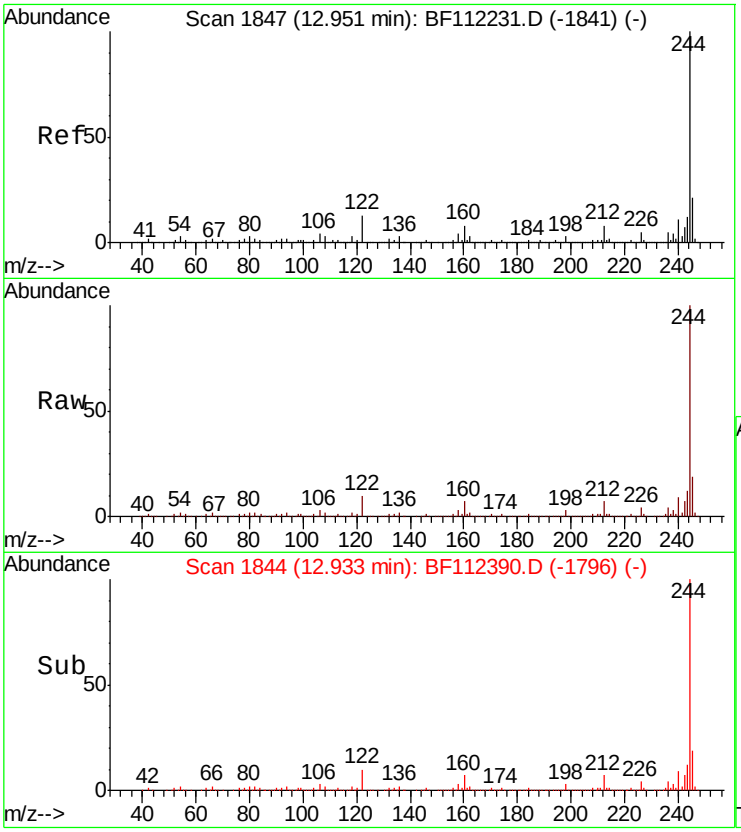


#78
Pyrene
Concen: 2.336 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion:202 Resp: 62016

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.7	26.5
203	17.5	14.6	22.0



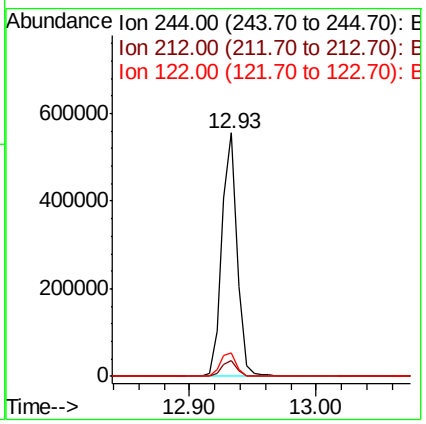


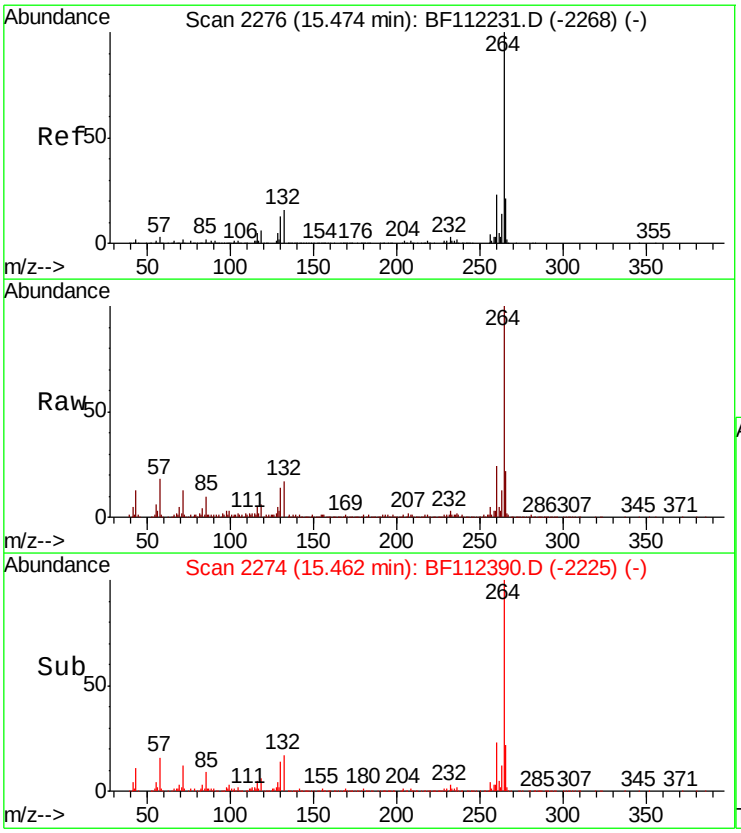
#79
Terphenyl-d14
Concen: 22.960 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion:244 Resp: 467502

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	9.8	9.8	14.6#

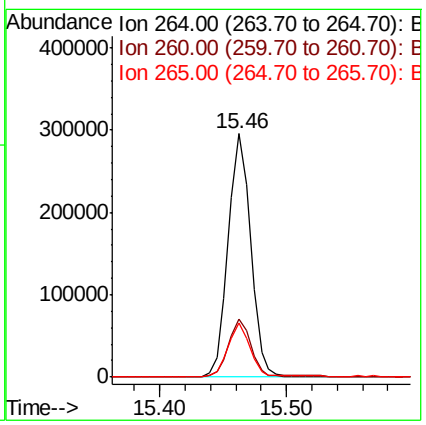


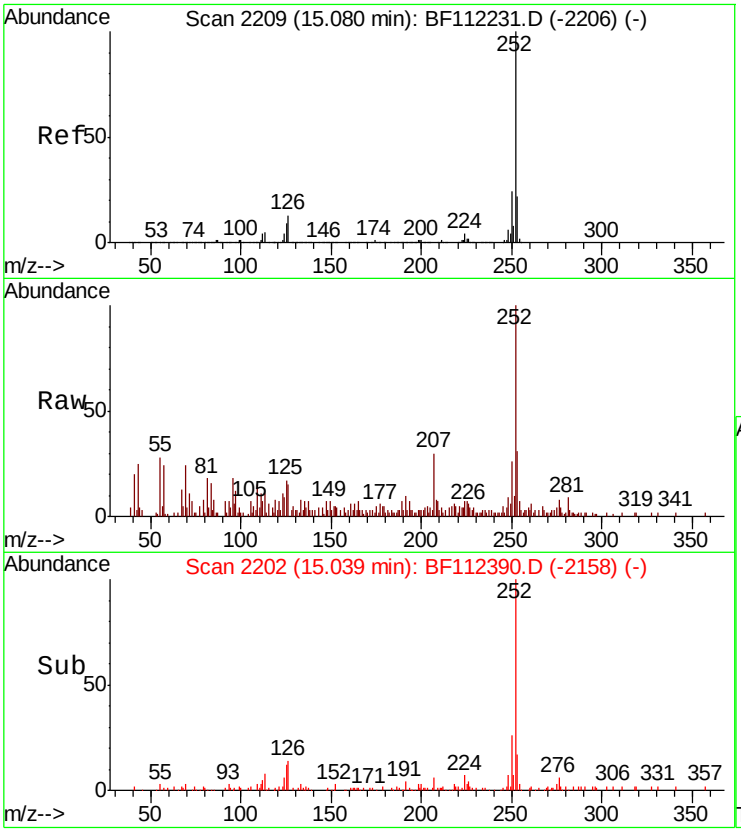


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion:264 Resp: 365412

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	22.1	17.0	25.4





#89
Benzo(k)fluoranthene
Concen: 2.001 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion:252 Resp: 41879

Ion	Ratio	Lower	Upper
252	100		
253	30.9	18.0	27.0#
125	16.8	9.1	13.7#