Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020419\
Data File : BF112381.D
Acq On : 4 Feb 2019 15:46
Operator : JU/SJ
Sample : K1360-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200034

Quant Time: Feb 04 23:46:08 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	154334	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	600101	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	300646	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	596779	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	531391	20.00	ng		-0.01
87) Perylene-d12	15.46	264	404968	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	696361	95.84	ng		-0.01
7) Phenol-d6	6.47	99	882577	87.41	ng		-0.02
23) Nitrobenzene-d5	7.39	82	546039	52.43	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	270982	77.44	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1055033	49.63	ng		-0.02
79) Terphenyl-d14	12.94	244	1213817	43.02	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.49	94	22214	2.005	ng		90
19) n-Nitroso-di-n-propylamine	7.39	70	73076	10.497	ng	#	77
25) Isophorone	7.39	82	546033	33.420	ng	#	63
50) Dimethylphthalate	9.58	163	70561	3.021	ng		99
51) 2,6-Dinitrotoluene	9.87	165	37630	7.193	ng	#	34
57) 2,4-Dinitrotoluene	9.87	165	37630	5.650	ng	#	32
67) 4-Bromophenyl-phenylether	10.66	248	16100	2.294	ng	#	1

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

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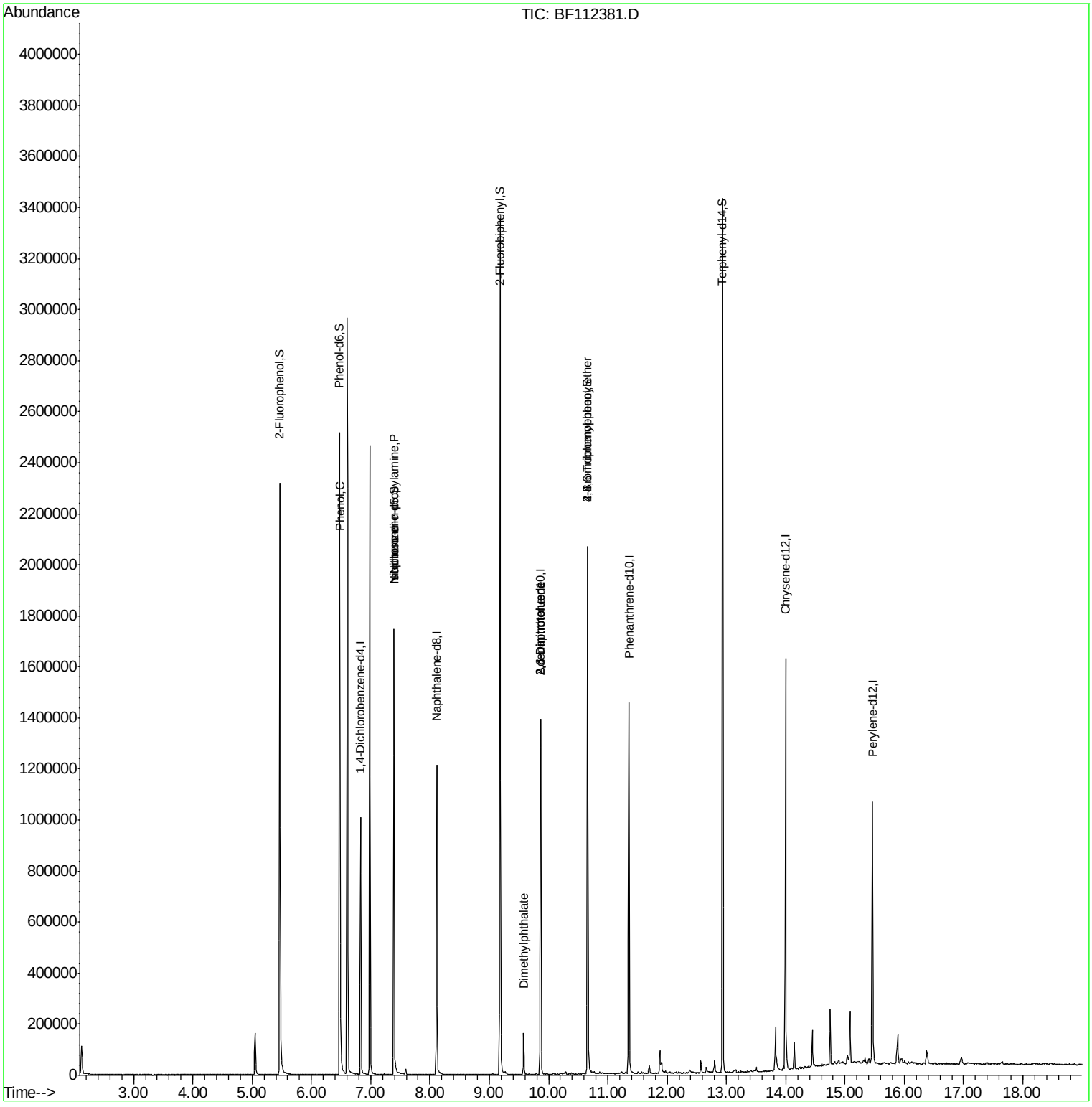
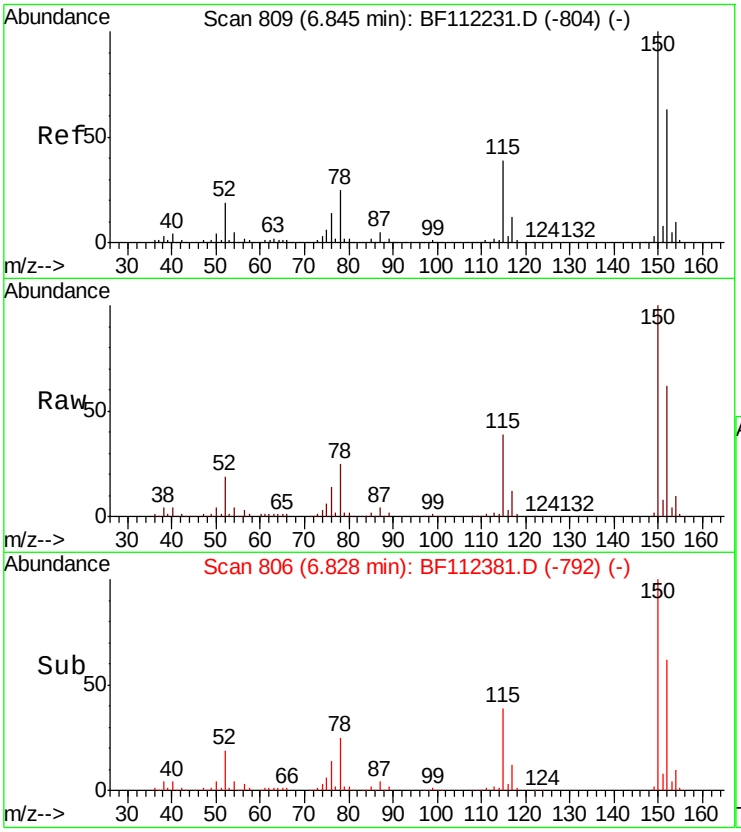


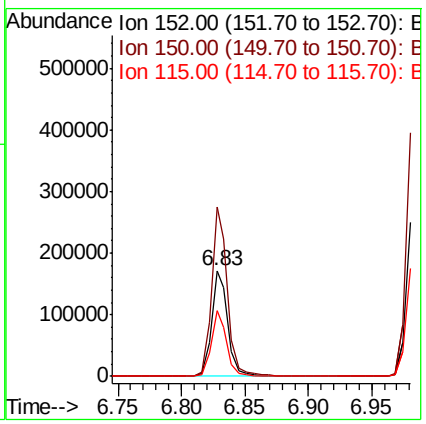


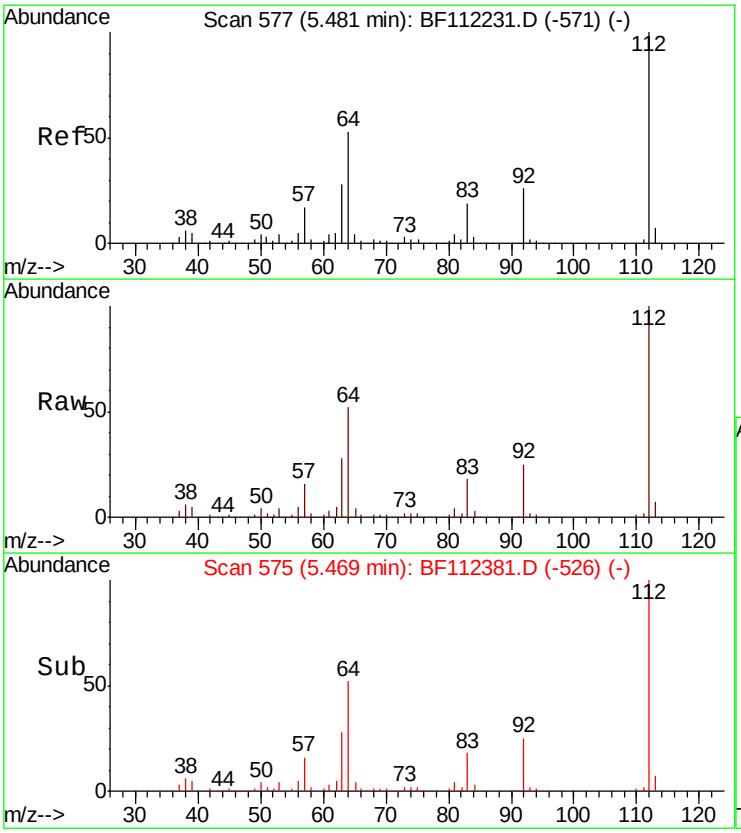
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion:152 Resp: 154334

Ion	Ratio	Lower	Upper
152	100		
150	160.8	127.4	191.0
115	62.3	45.5	68.3

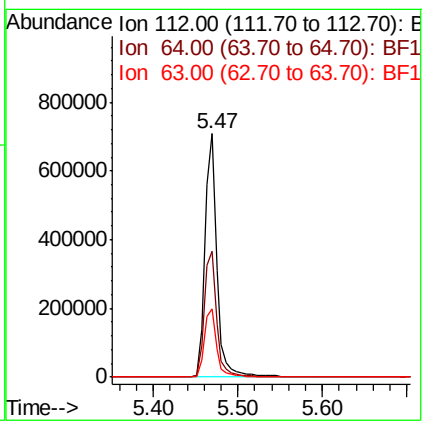


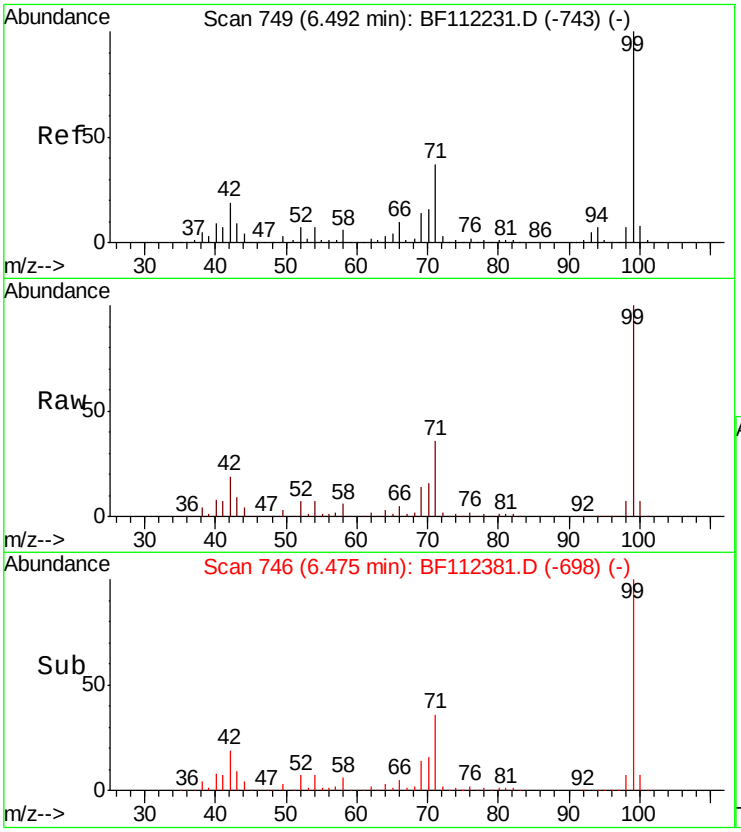


#5
2-Fluorophenol
Concen: 95.839 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion:112 Resp: 696361

Ion	Ratio	Lower	Upper
112	100		
64	51.5	45.7	68.5
63	28.0	23.6	35.4



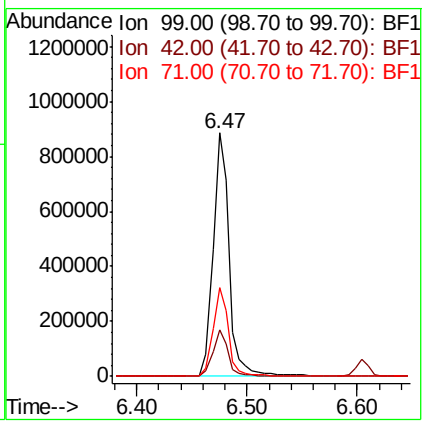


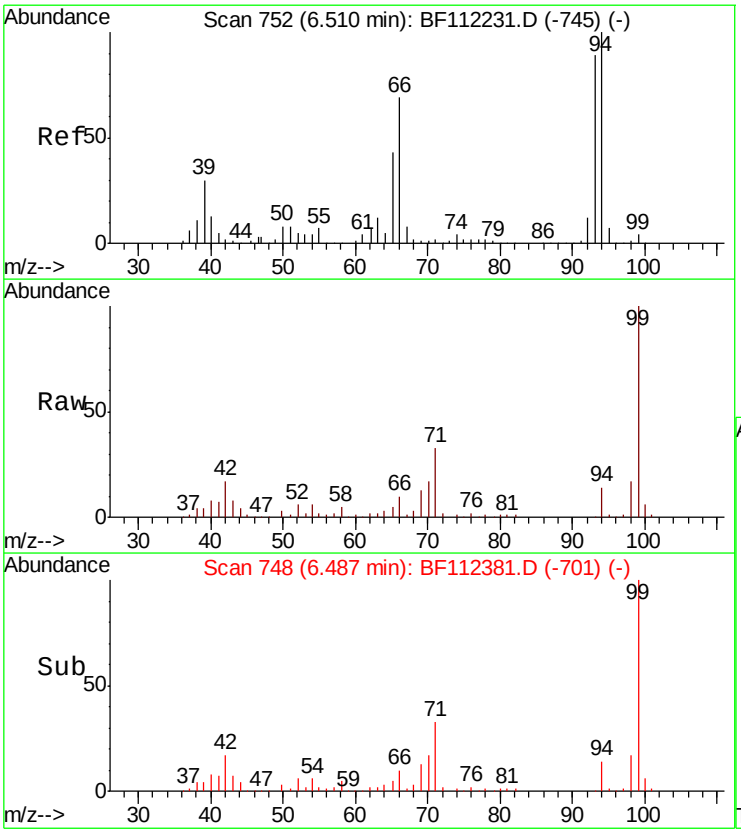
#7
Phenol-d6
Concen: 87.415 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion: 99 Resp: 882577

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	36.3	26.9	40.3

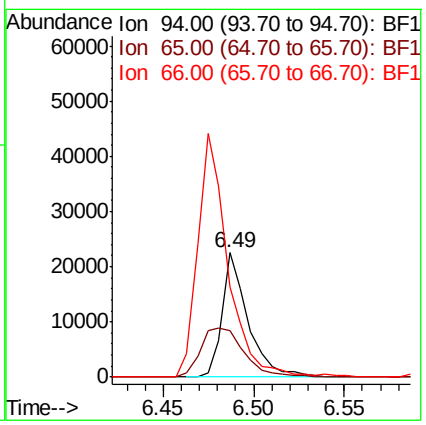


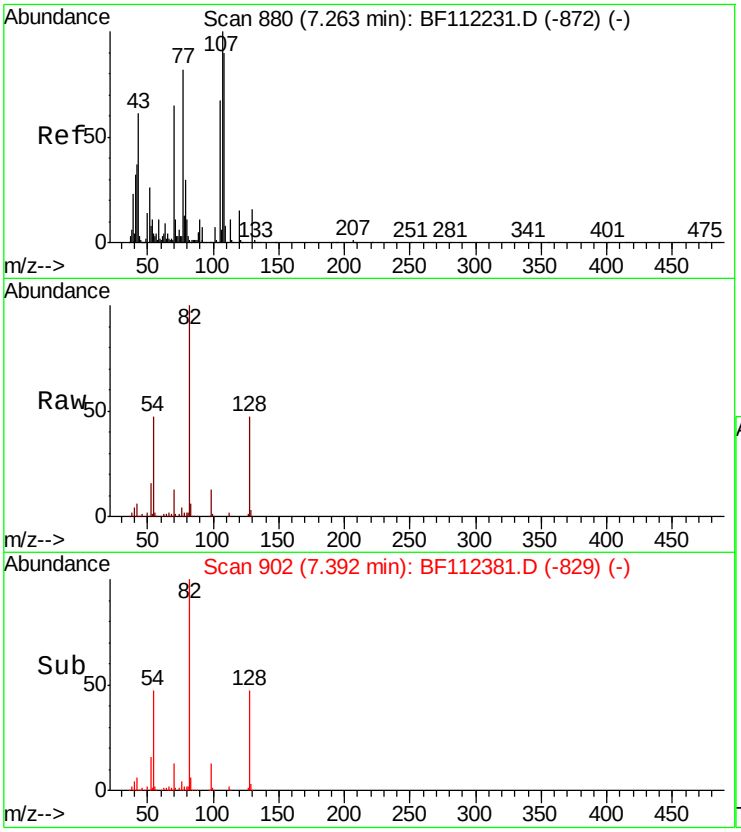


#10
Phenol
Concen: 2.005 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion: 94 Resp: 22214

Ion	Ratio	Lower	Upper
94	100		
65	37.1	20.3	60.3
66	72.1	42.4	82.4



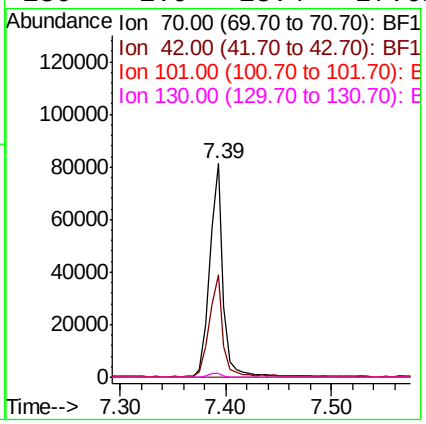


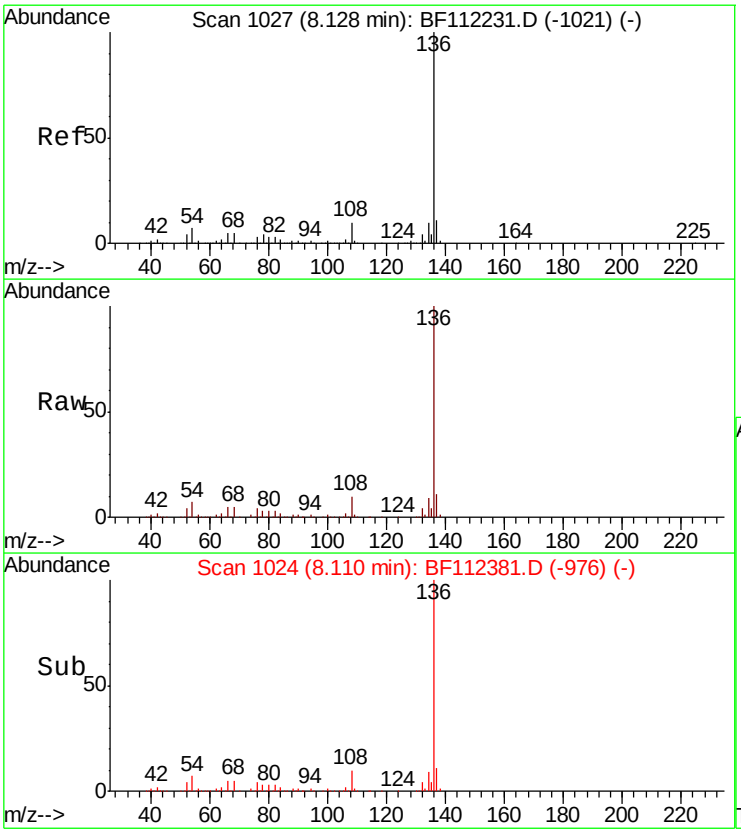
#19
n-Nitroso-di-n-propylamine
Concen: 10.497 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion: 70 Resp: 73076

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.6	71.4
101	0.0	7.9	11.9#
130	1.9	18.4	27.6#

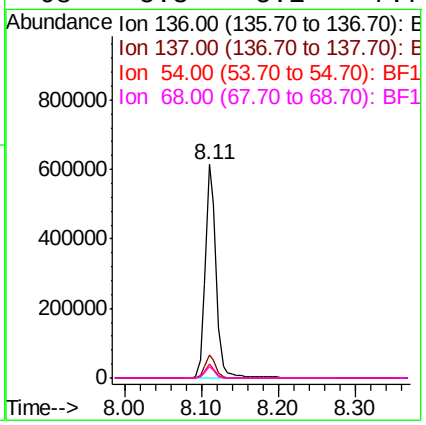


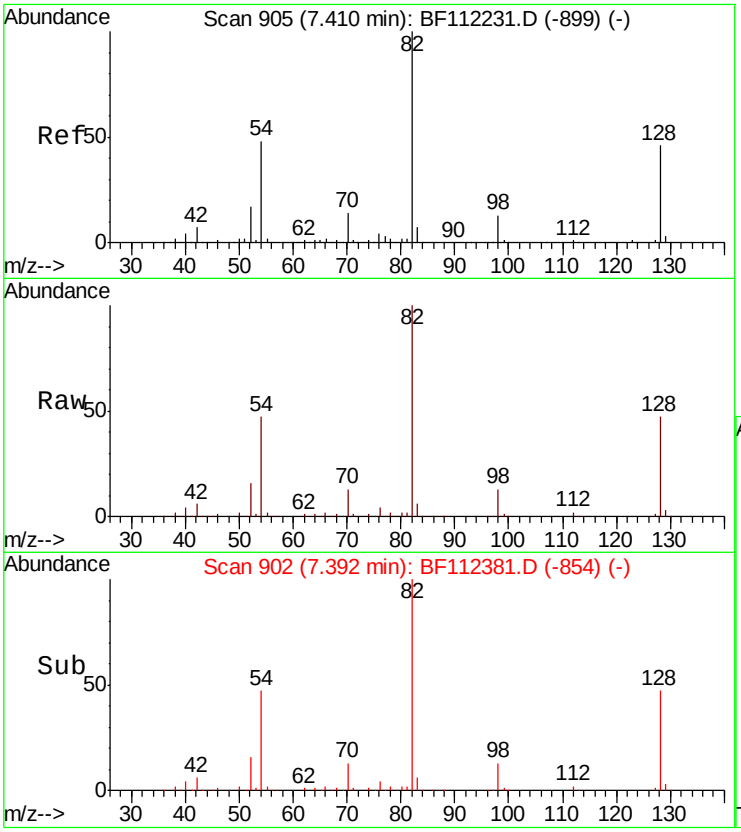


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion:136 Resp: 600101

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.8	5.9	8.9
68	5.3	5.1	7.7



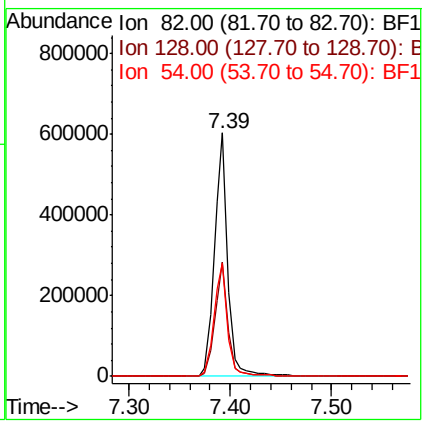


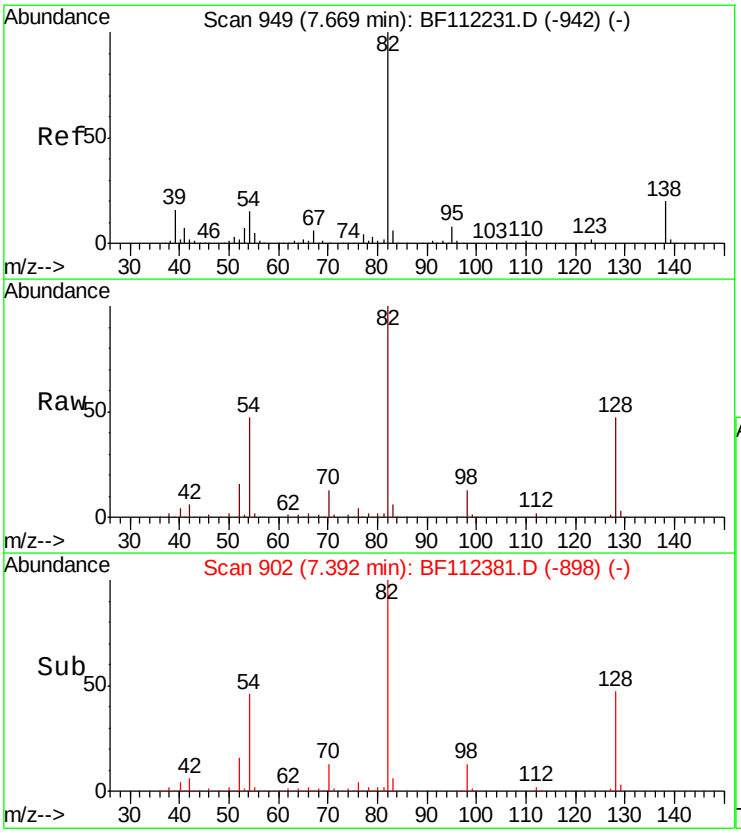
#23
Nitrobenzene-d5
Concen: 52.429 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion: 82 Resp: 546039

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.8	56.8
54	46.5	39.7	59.5

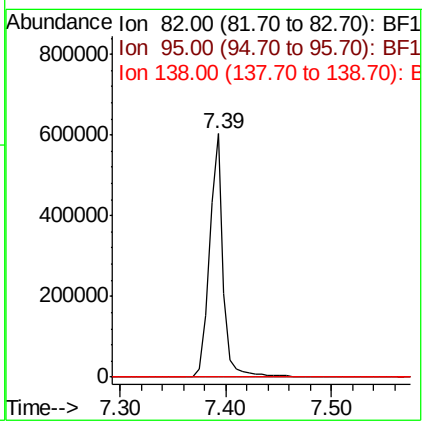


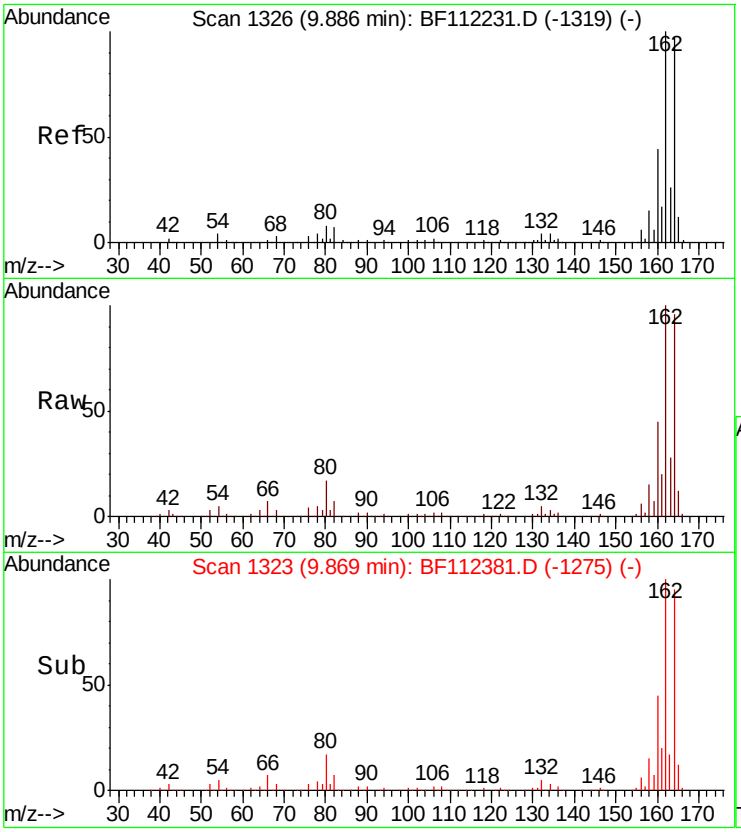


#25
Isophorone
Concen: 33.420 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion: 82 Resp: 546033

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



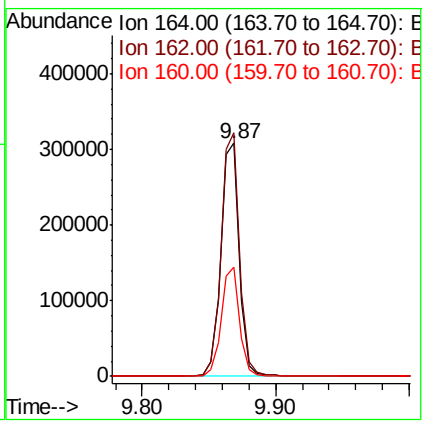


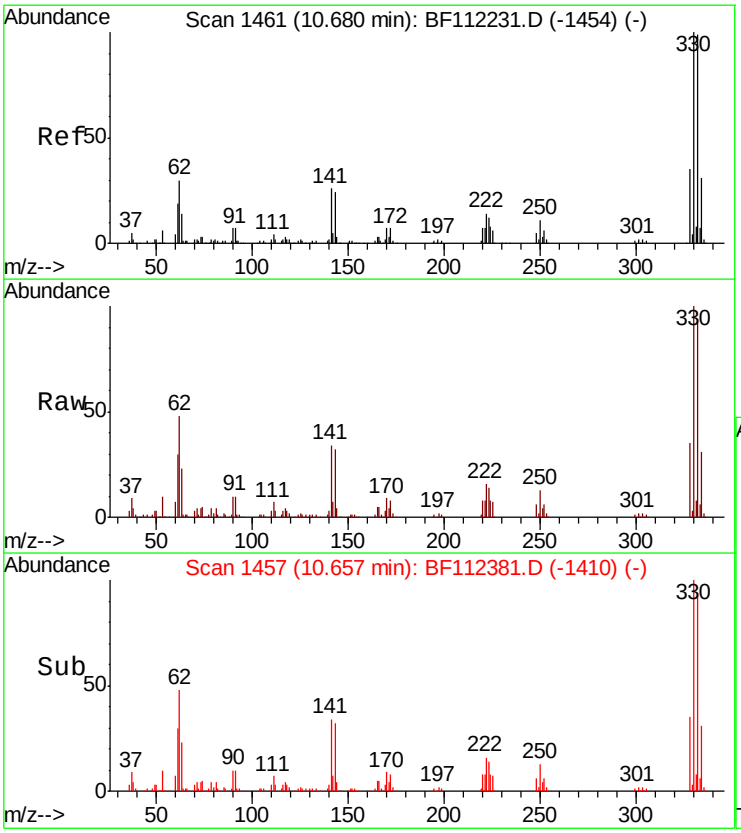
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion:164 Resp: 300646

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.2	123.4
160	46.7	36.2	54.4

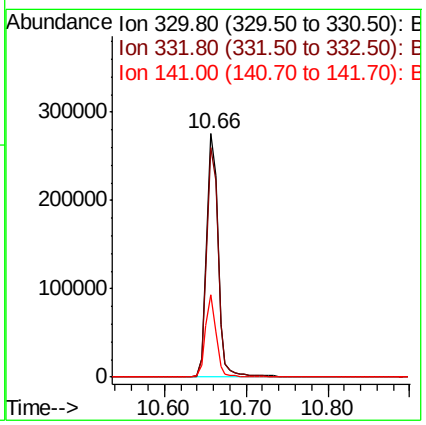


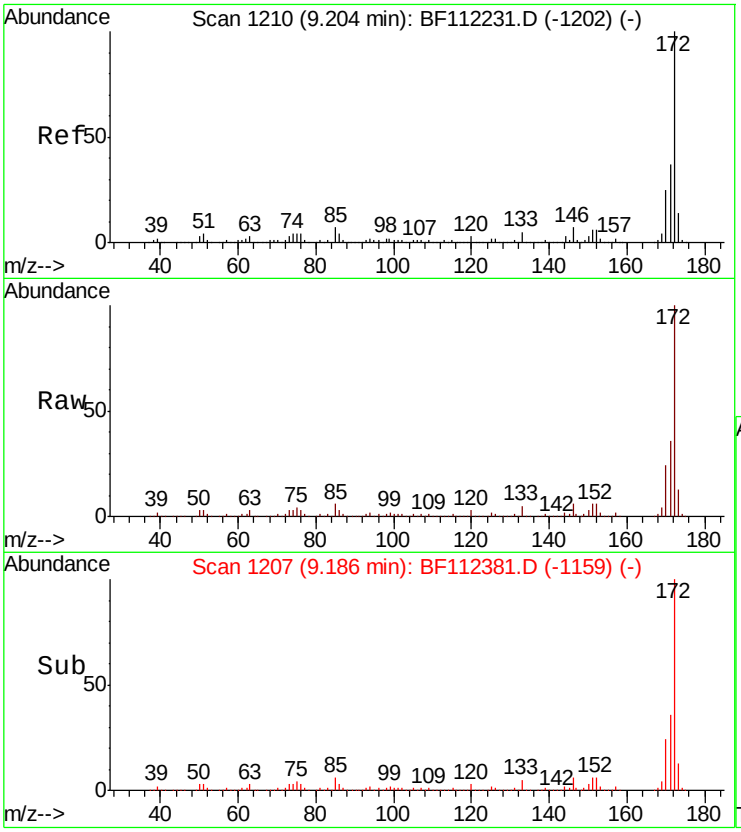


#42
2,4,6-Tribromophenol
Concen: 77.436 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion:330 Resp: 270982

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	31.3	24.3	36.5



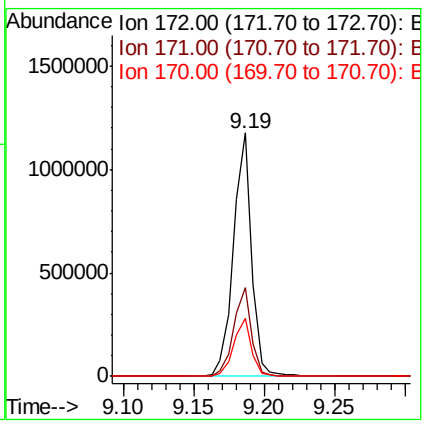


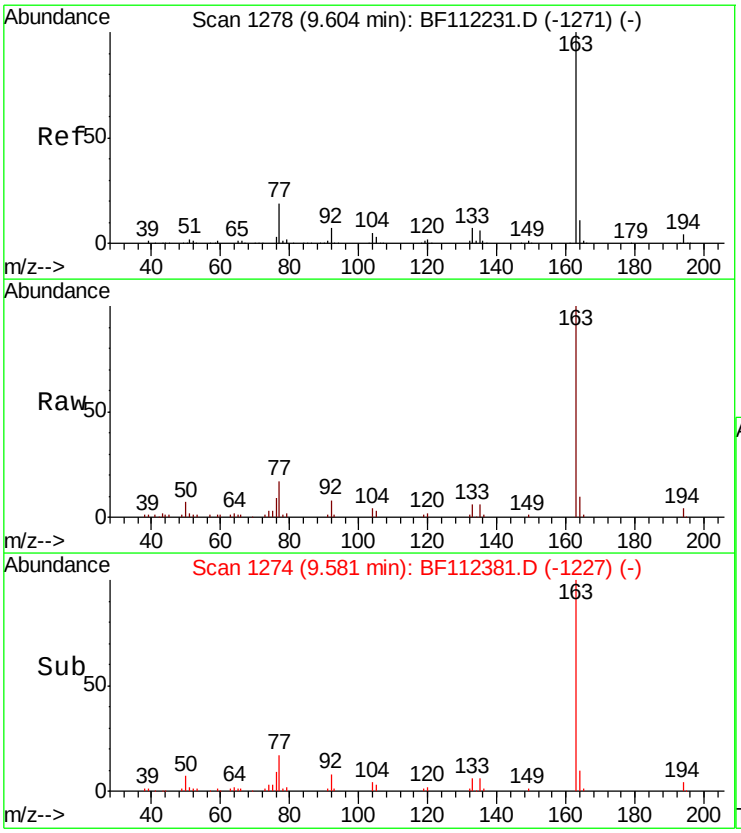
#45
2-Fluorobiphenyl
Concen: 49.632 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion:172 Resp: 1055033

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.5	45.7
170	23.8	20.2	30.4

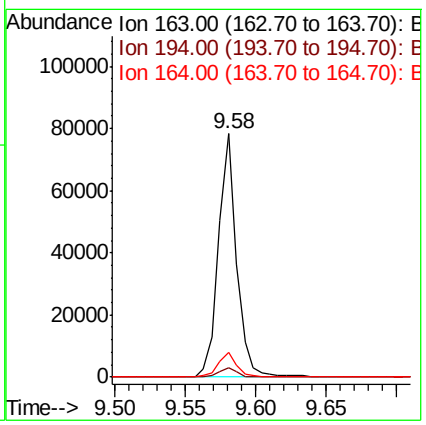


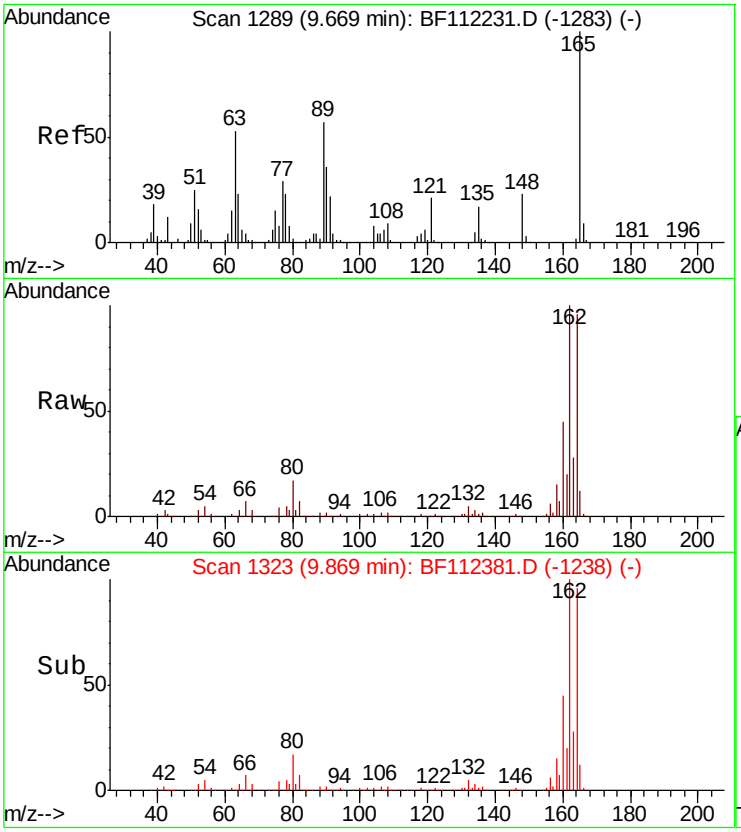


#50
Dimethylphthalate
Concen: 3.021 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion:163 Resp: 70561

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.0	8.5	12.7



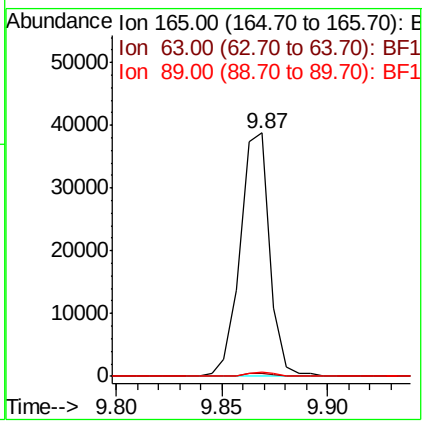


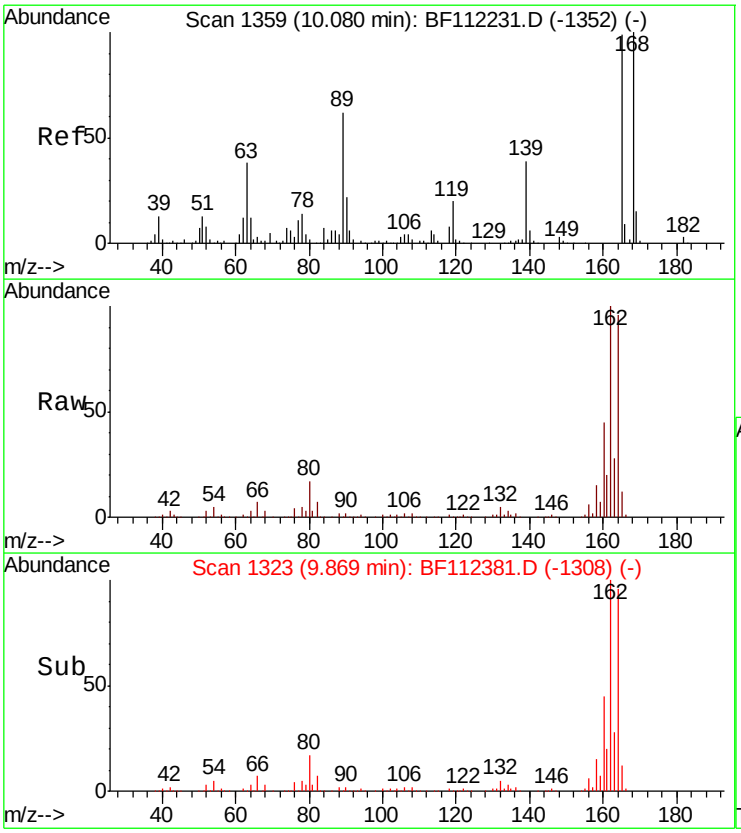
#51
2,6-Dinitrotoluene
Concen: 7.193 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.20 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion:165 Resp: 37630

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.8#
89	1.7	36.9	55.3#

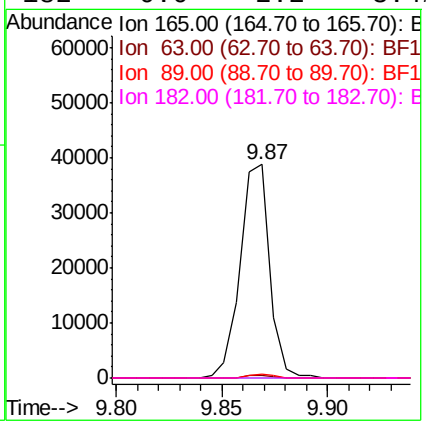


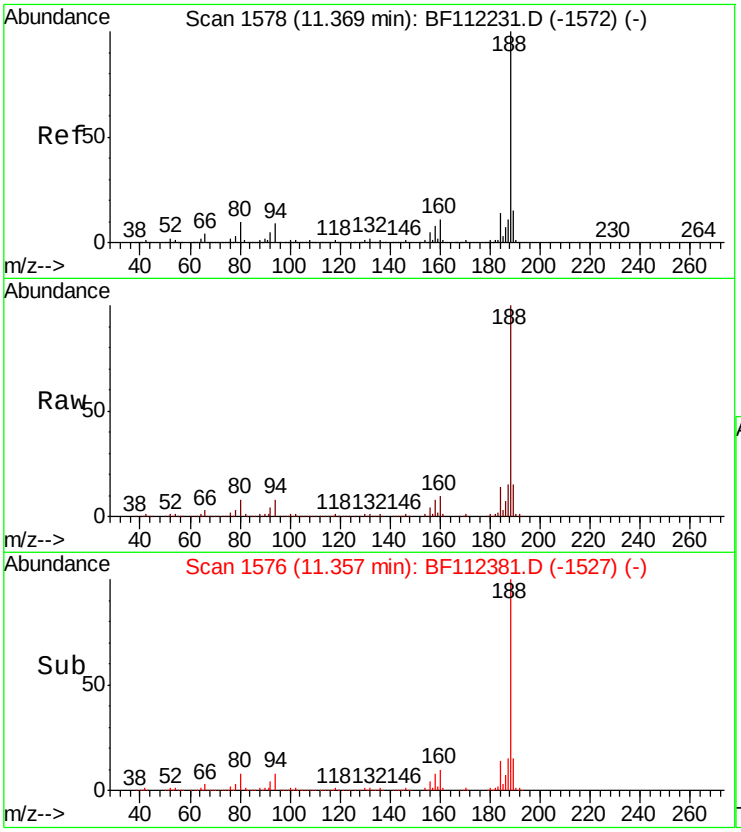


#57
2,4-Dinitrotoluene
Concen: 5.650 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion:165 Resp: 37630

Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	1.7	47.9	71.9#
182	0.0	2.2	3.4#



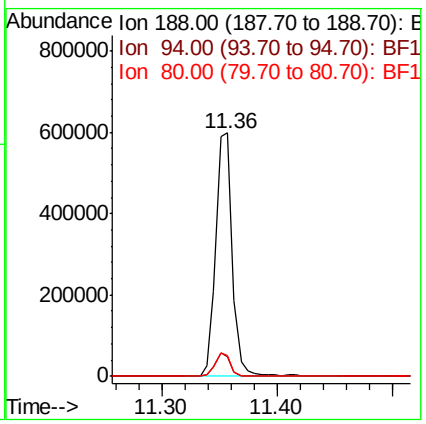


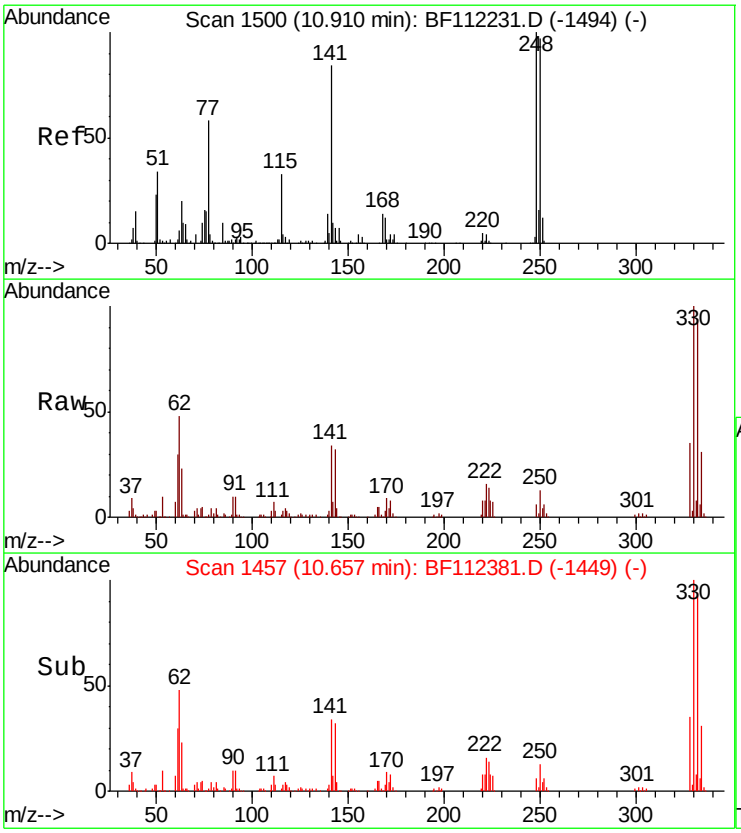
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion:188 Resp: 596779

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	8.4	8.9	13.3#

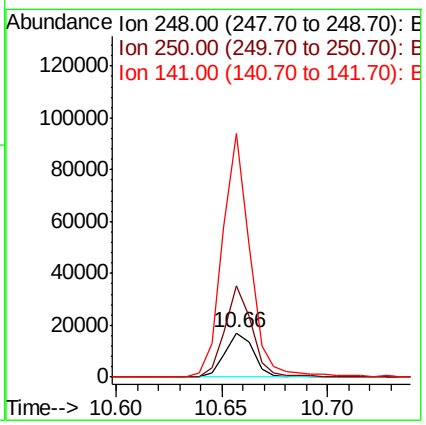


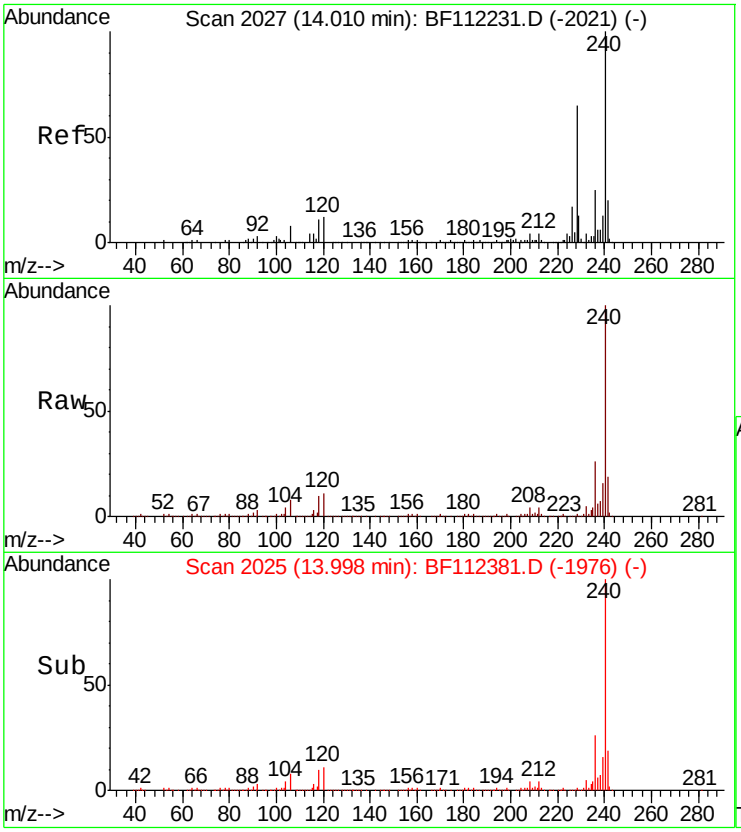


#67
4-Bromophenyl-phenylether
Concen: 2.294 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.25 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion:248 Resp: 16100

Ion	Ratio	Lower	Upper
248	100		
250	209.3	79.7	119.5#
141	554.4	60.3	90.5#



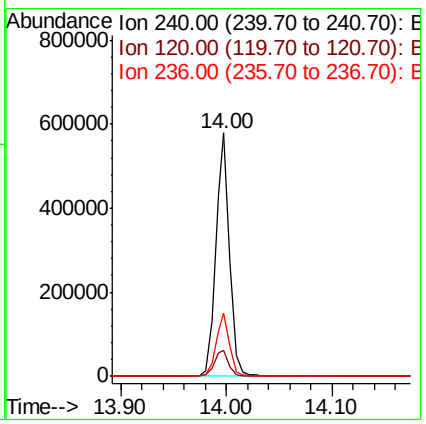


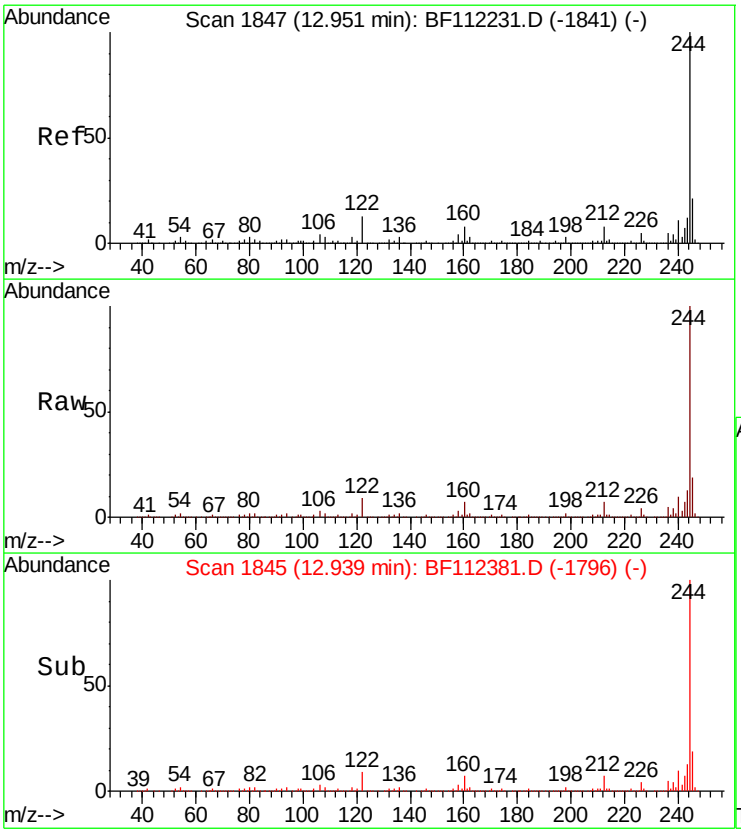
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion:240 Resp: 531391

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.6
236	25.8	20.7	31.1

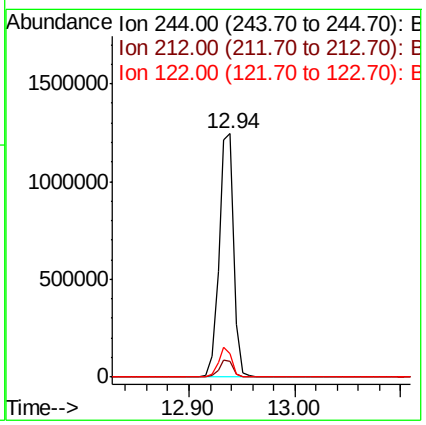


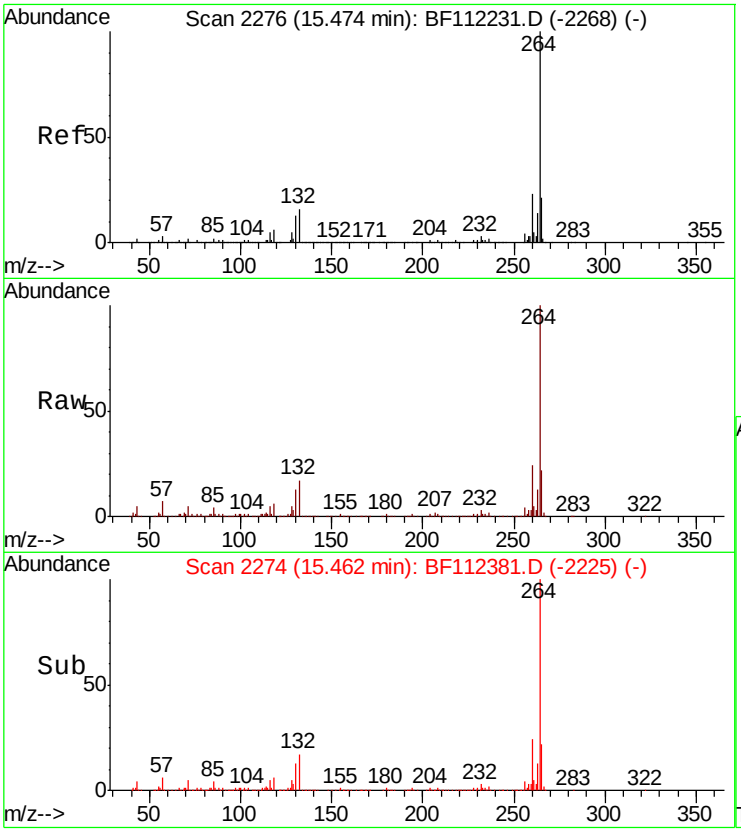


#79
Terphenyl-d14
Concen: 43.022 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion:244 Resp: 1213817

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	9.5	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: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion:264 Resp: 404968

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.5	17.0	25.4