Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
Data File : BF110024.D
Acq On : 20 Oct 2018 1:59
Operator : JU/SJ
Sample : J5593-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 20 04:02:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 01:53:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	193126	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	766053	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	335095	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	536956	20.00	ng	0.00
76) Chrysene-d12	14.14	240	367111	20.00	ng	0.00
87) Perylene-d12	15.67	264	327686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	460508	37.80	ng	0.00
7) Phenol-d6	6.58	99	353214	23.35	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1095317	96.32	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	223612	77.08	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1868257	88.96	ng	0.00
79) Terphenyl-d14	13.09	244	1310088	74.94	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	145537	14.982	ng	# 81
25) Isophorone	7.53	82	1095304	49.019	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	42299	9.386	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	42299	11.304	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	298	8.032	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	14977	2.574	ng	# 1

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

Quantitation Report (Not Reviewed)

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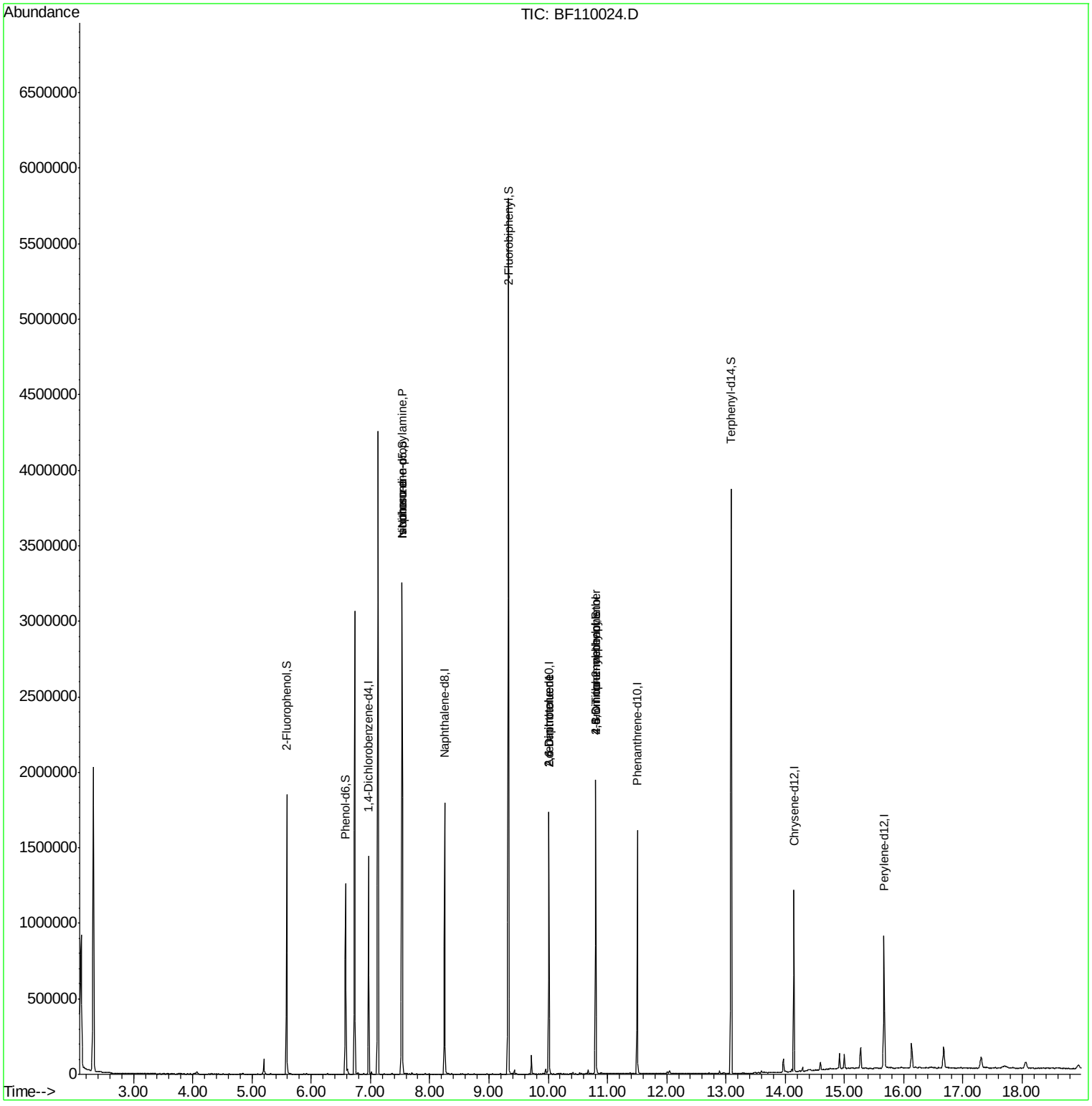
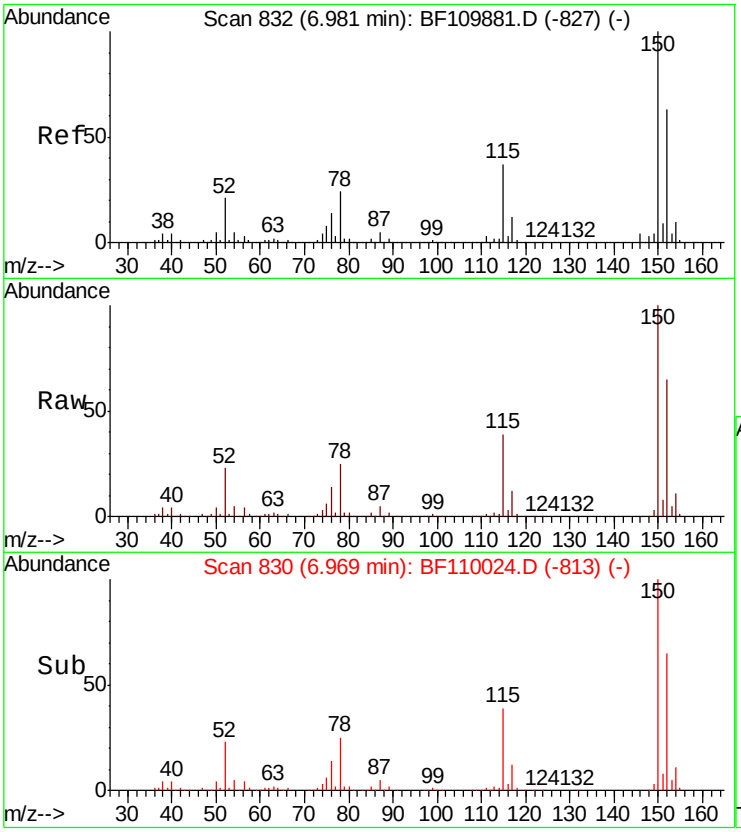
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 01:53:35 2018
Response via : Initial Calibration



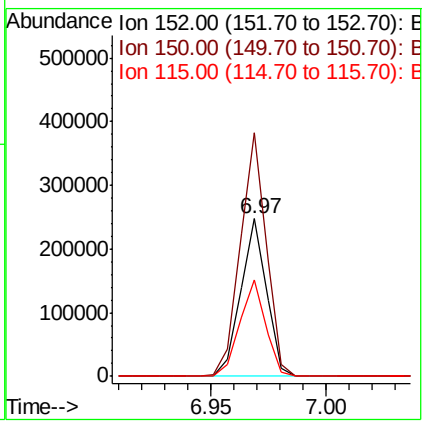


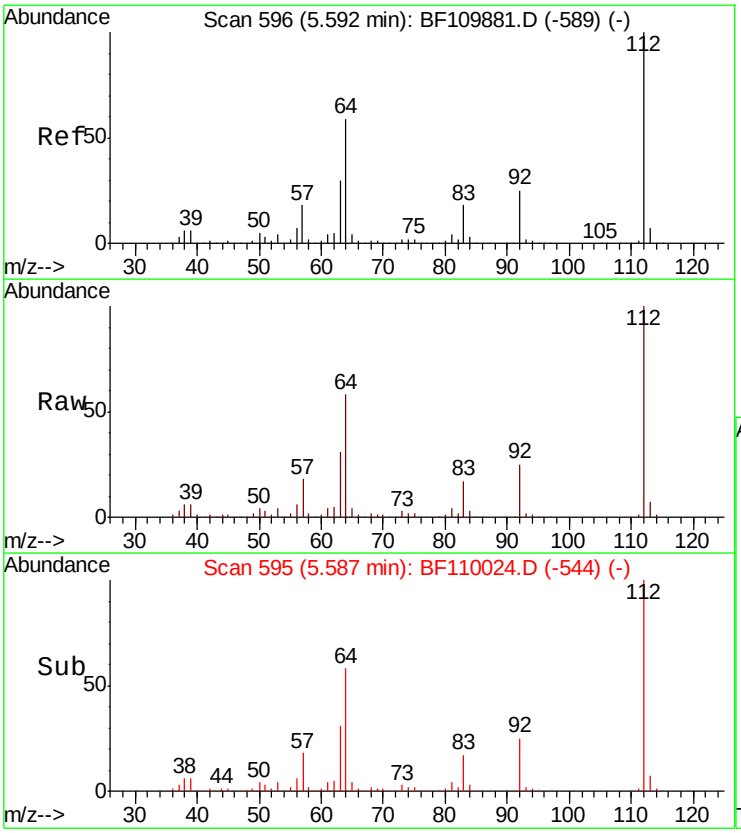
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 193126

Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.7	184.1
115	61.0	49.1	73.7

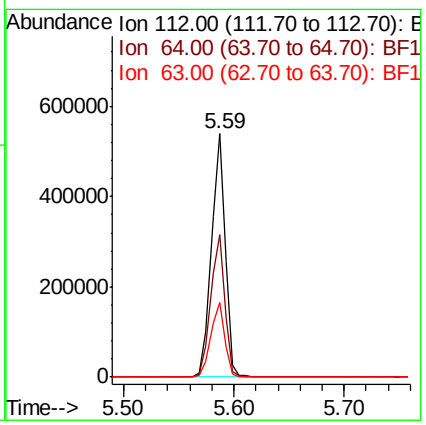


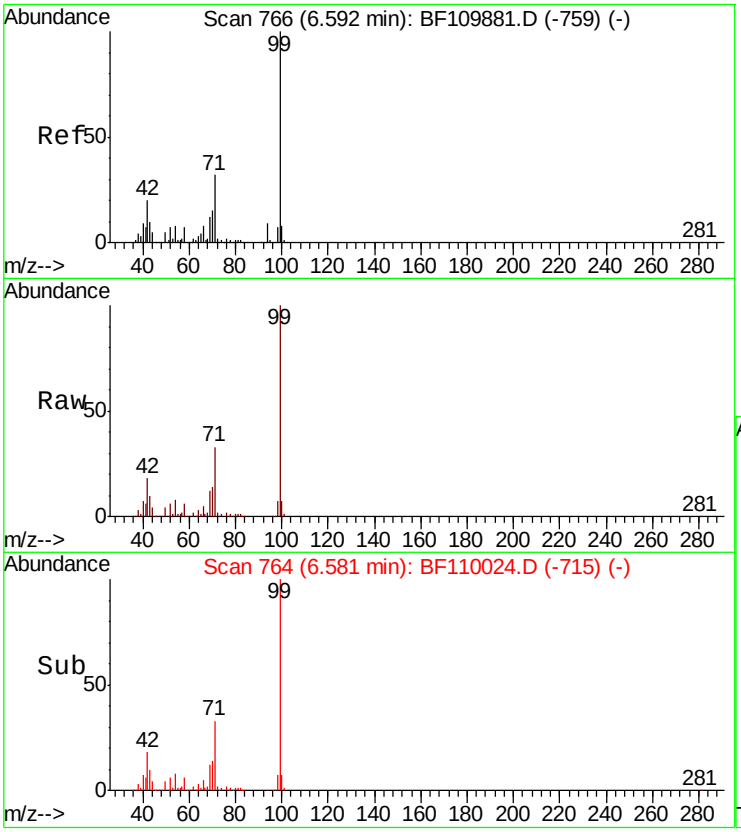


#5
2-Fluorophenol
Concen: 37.797 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Tgt Ion:112 Resp: 460508

Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	30.8	23.7	35.5



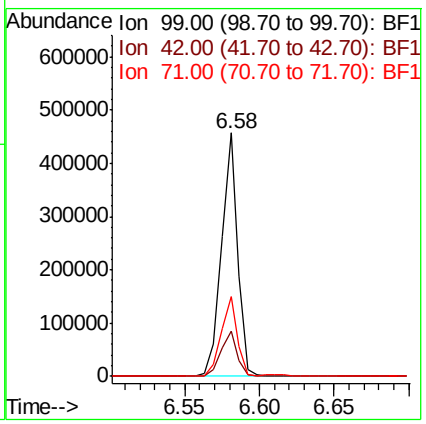


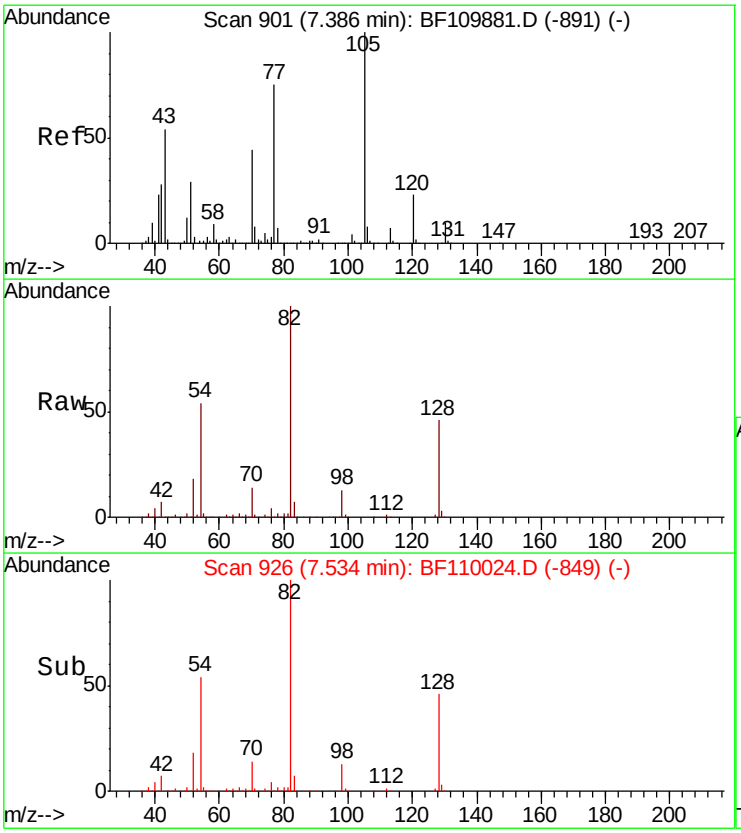
#7
Phenol-d6
Concen: 23.347 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 353214

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	32.9	28.0	42.0

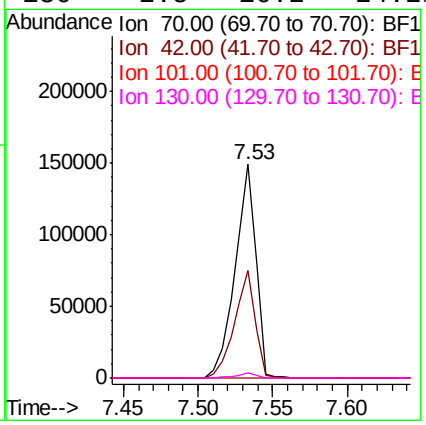


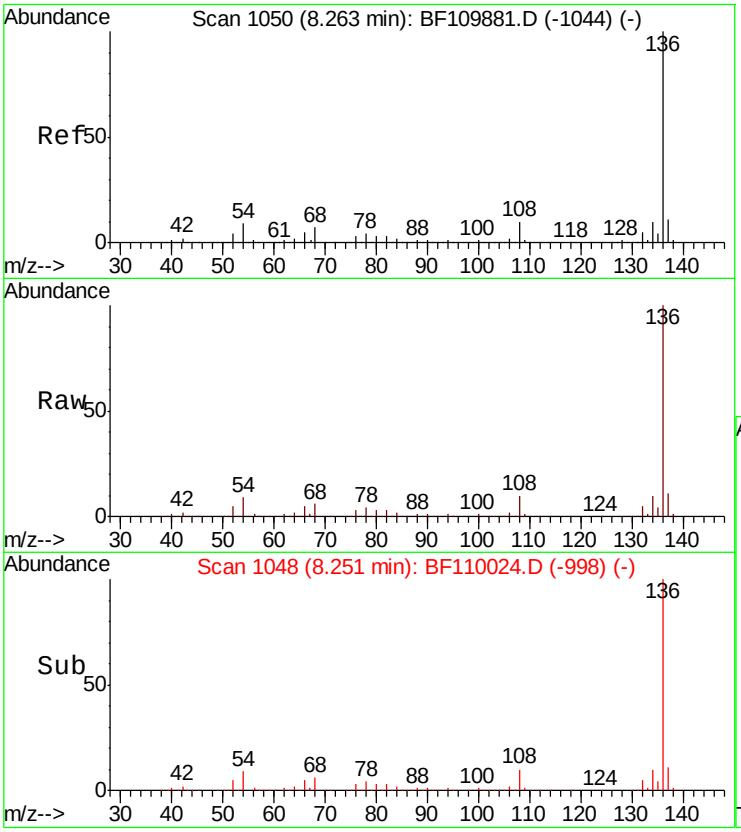


#19
n-Nitroso-di-n-propylamine
Concen: 14.982 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Tgt Ion: 70 Resp: 145537

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#



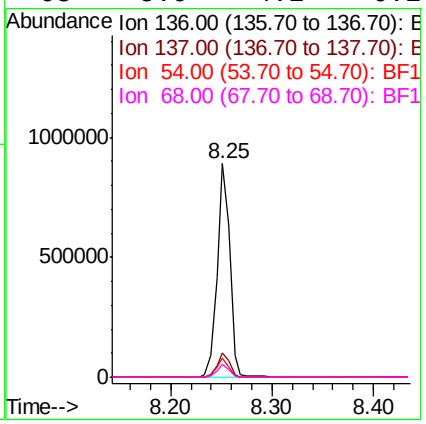


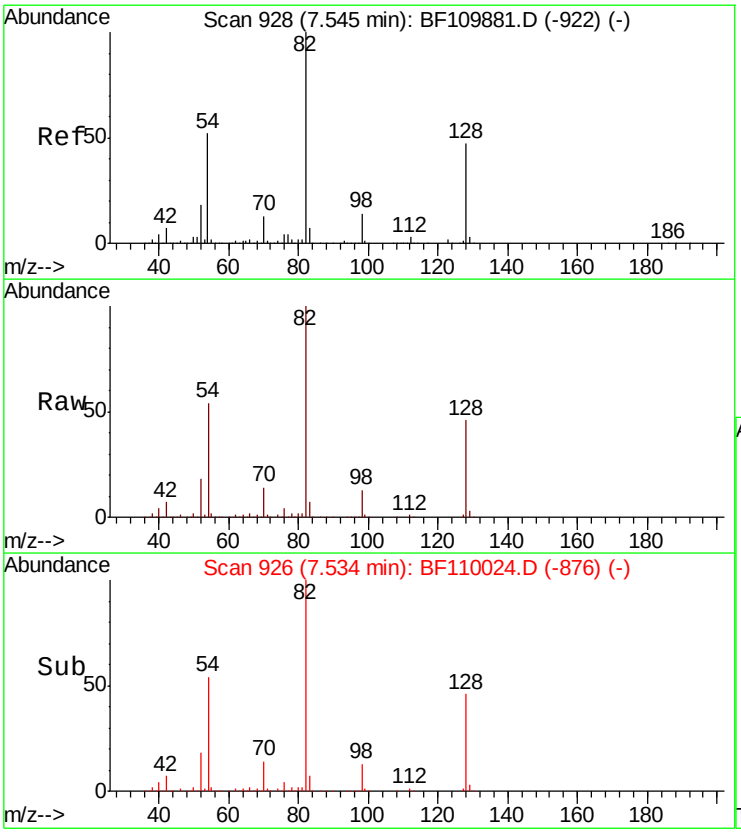
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 766053

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.9	5.4	8.2#
68	5.9	4.2	6.2

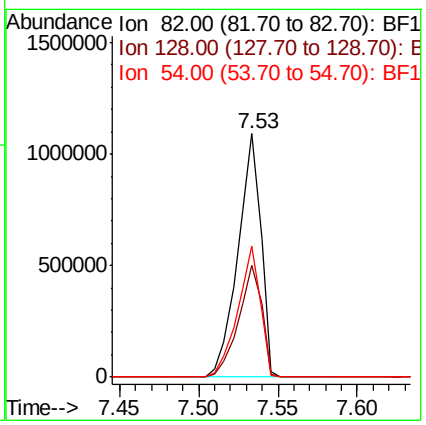


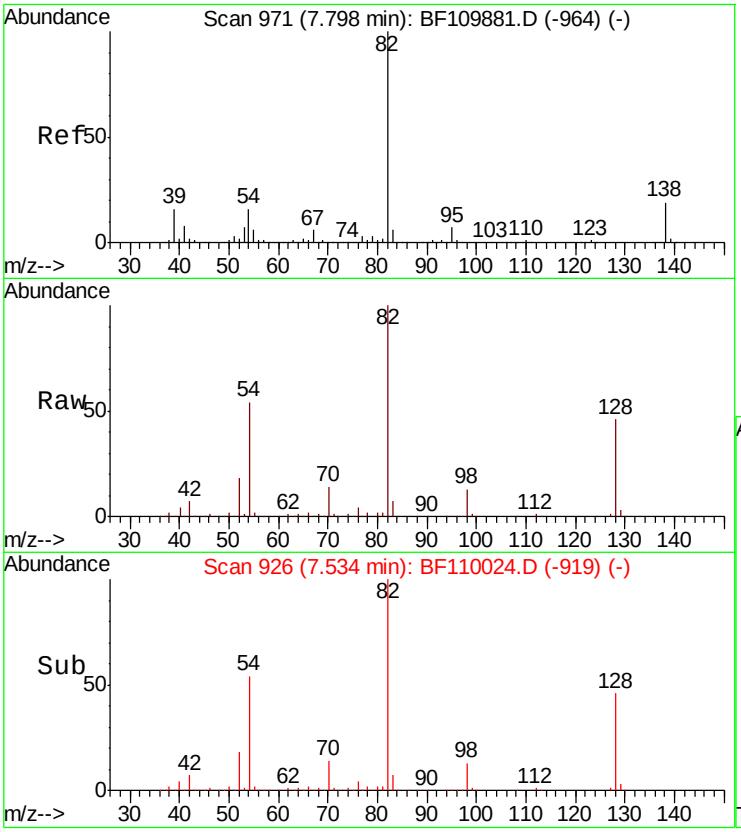


#23
Nitrobenzene-d5
Concen: 96.318 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Tgt Ion: 82 Resp: 1095317

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.2	51.2
54	53.7	38.6	58.0



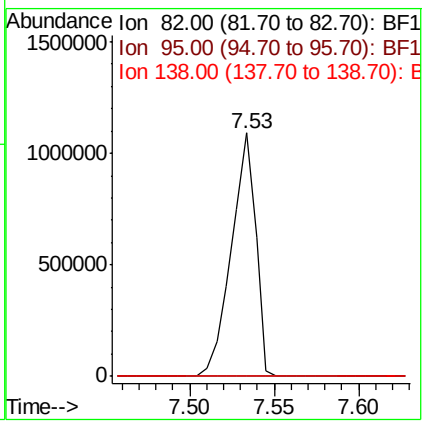


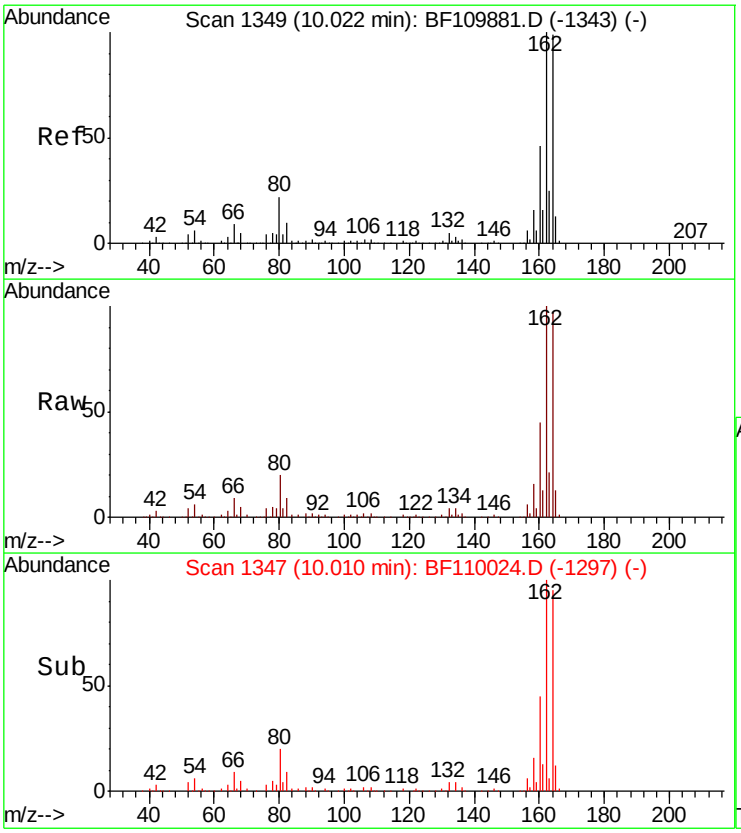
#25
Isophorone
Concen: 49.019 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1095304

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

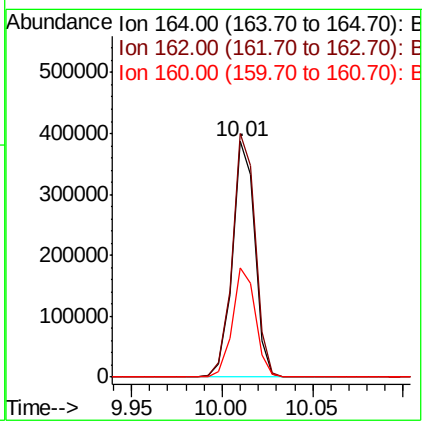


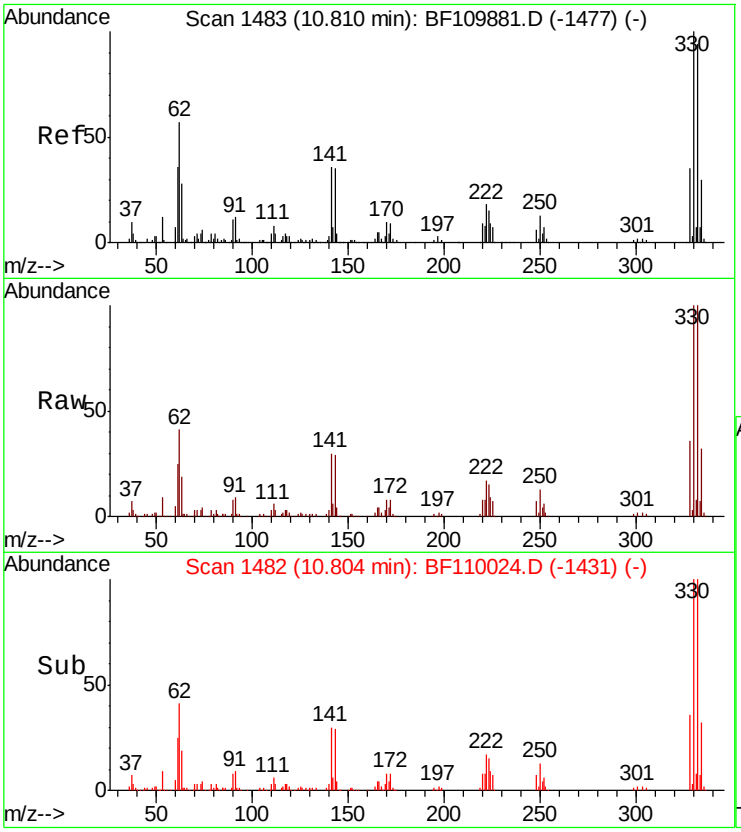


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Tgt Ion:164 Resp: 335095

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	46.2	37.0	55.6



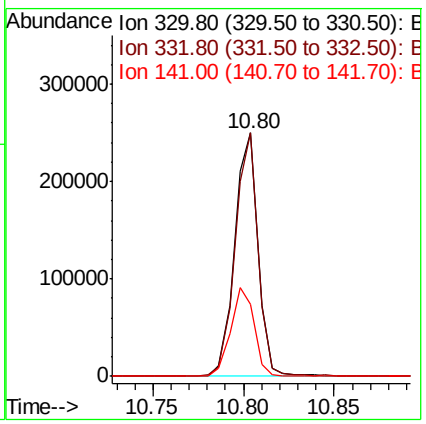


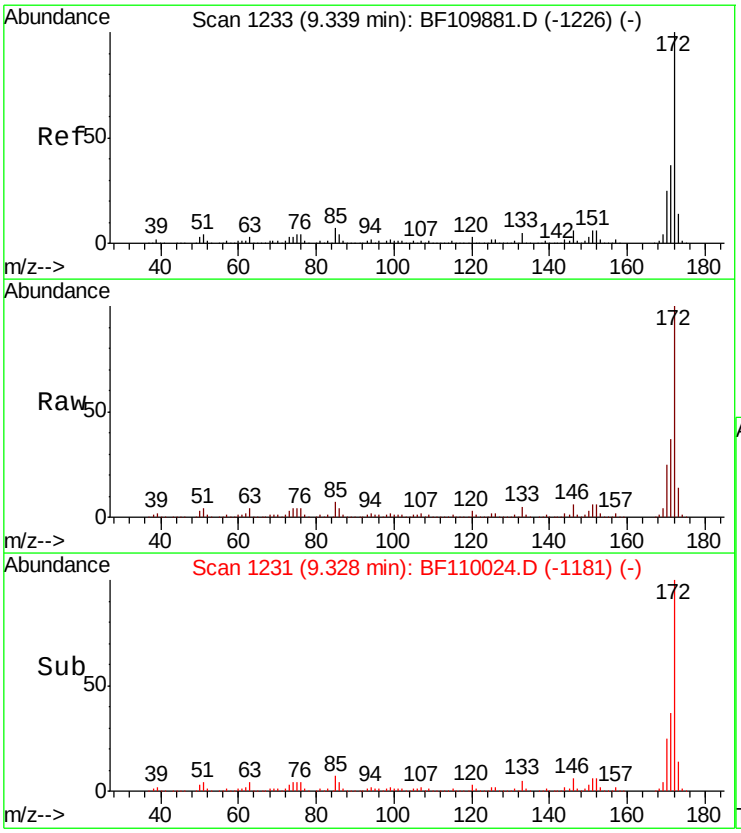
#42
2,4,6-Tribromophenol
Concen: 77.077 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 223612

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	37.0	27.0	40.4

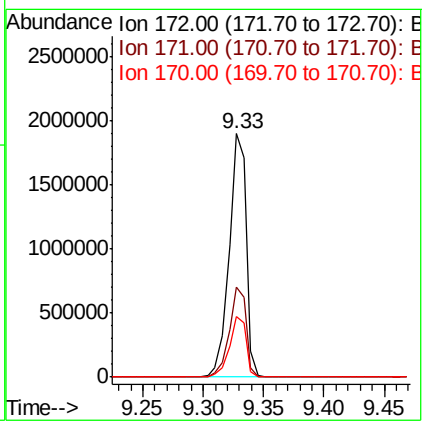


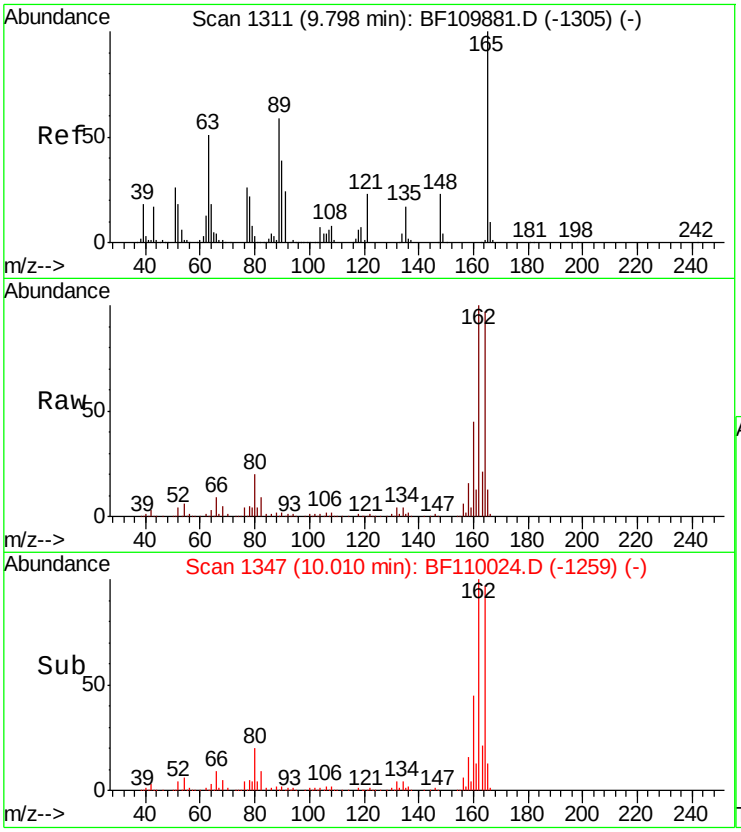


#45
2-Fluorobiphenyl
Concen: 88.963 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Tgt Ion:172 Resp: 1868257

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	24.8	19.7	29.5



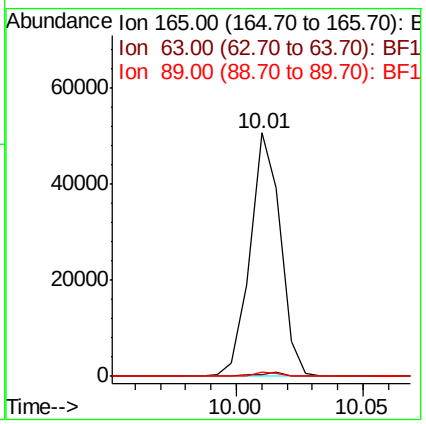


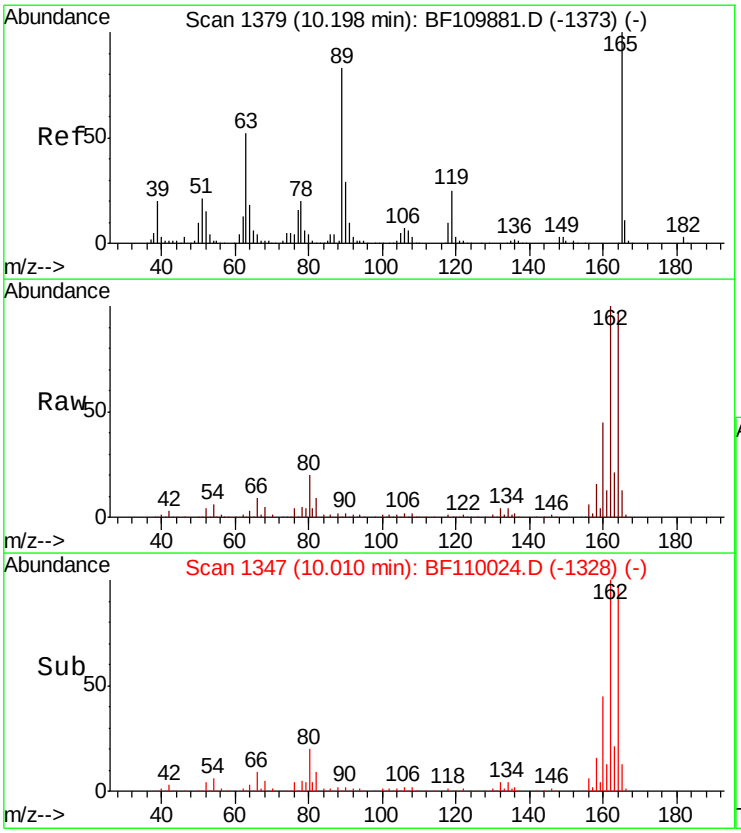
#51
2,6-Dinitrotoluene
Concen: 9.386 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 42299

Ion	Ratio	Lower	Upper
165	100		
63	0.8	48.9	73.3#
89	1.6	46.6	69.8#

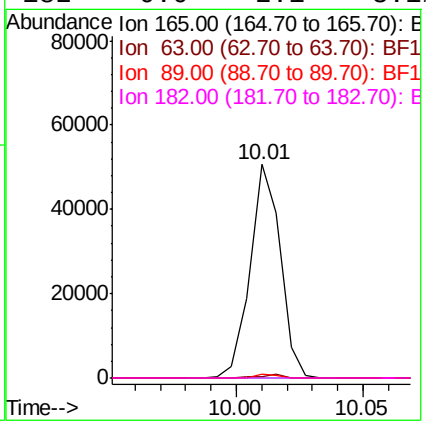


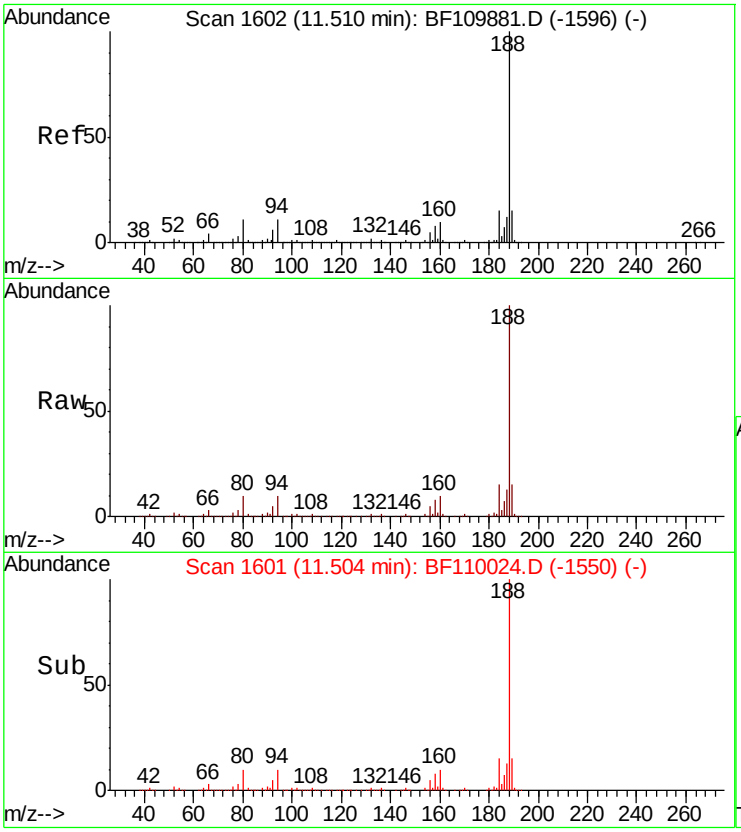


#57
2,4-Dinitrotoluene
Concen: 11.304 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Tgt Ion:165 Resp: 42299

Ion	Ratio	Lower	Upper
165	100		
63	0.8	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#



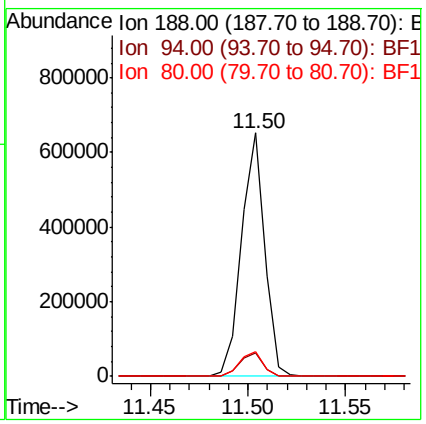


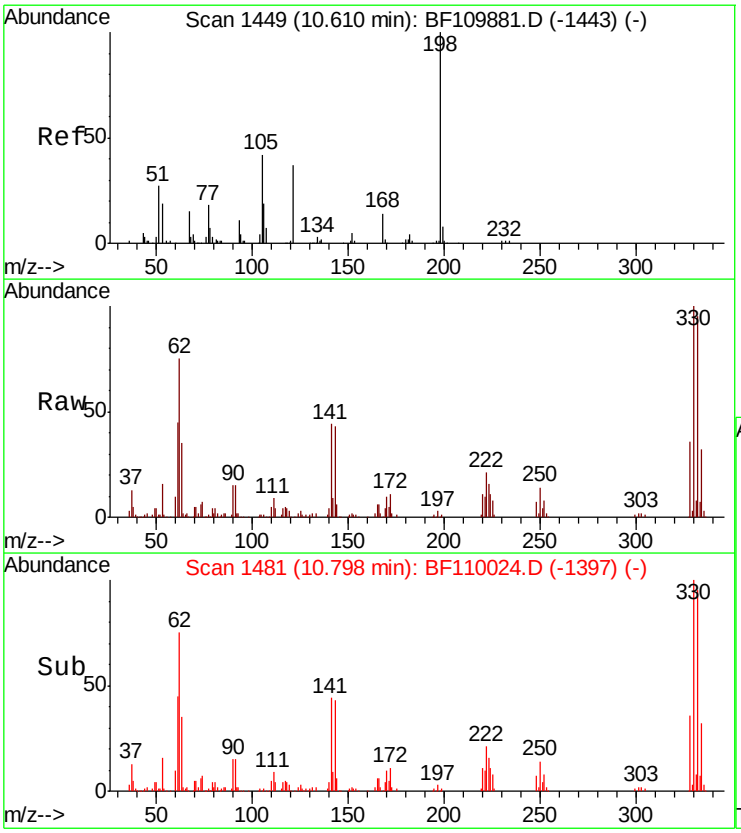
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 536956

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	9.9	7.9	11.9

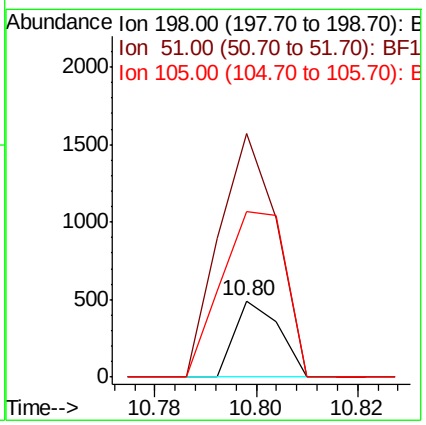


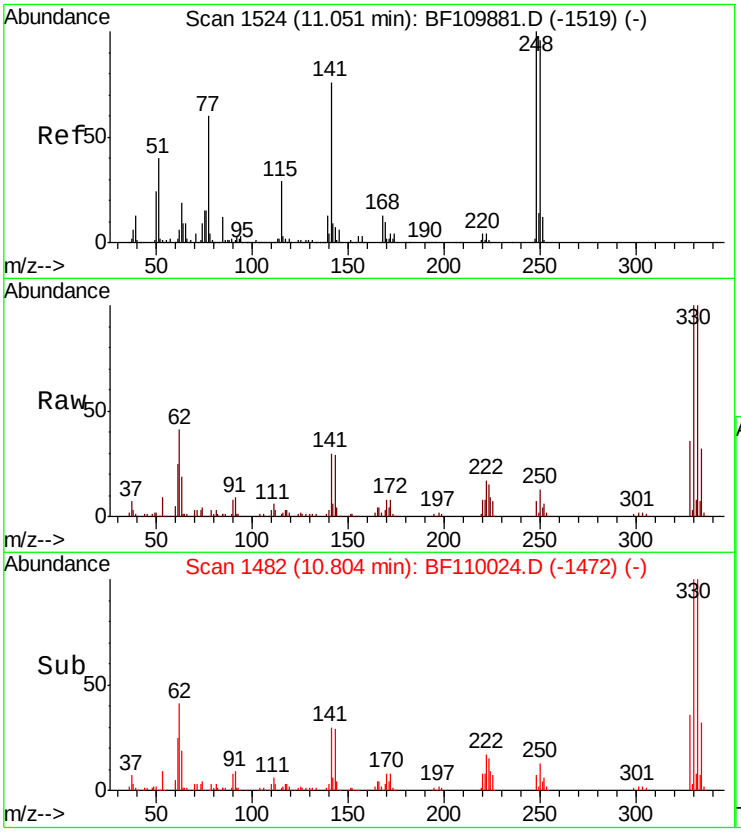


#65
4,6-Dinitro-2-methylphenol
Concen: 8.032 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.19 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Tgt Ion:198 Resp: 298

Ion	Ratio	Lower	Upper
198	100		
51	320.6	22.8	62.8#
105	217.1	23.6	63.6#



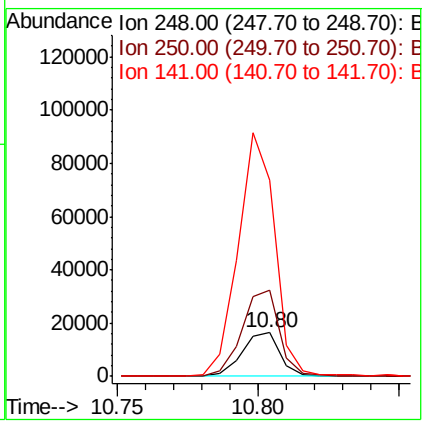


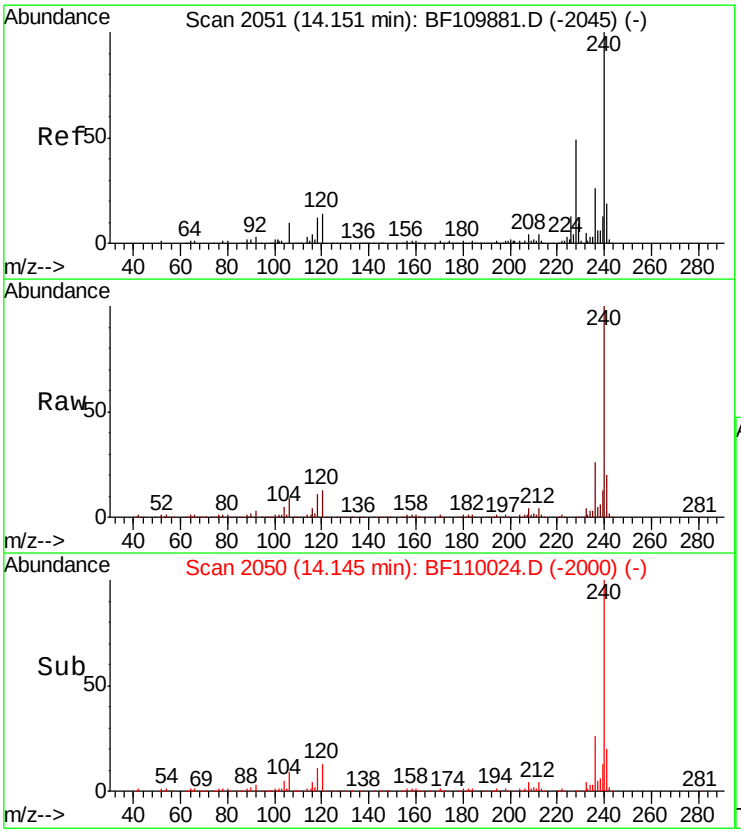
#67
4-Bromophenyl-phenylether
Concen: 2.574 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14977

Ion	Ratio	Lower	Upper
248	100		
250	197.7	79.4	119.2#
141	452.8	55.9	83.9#

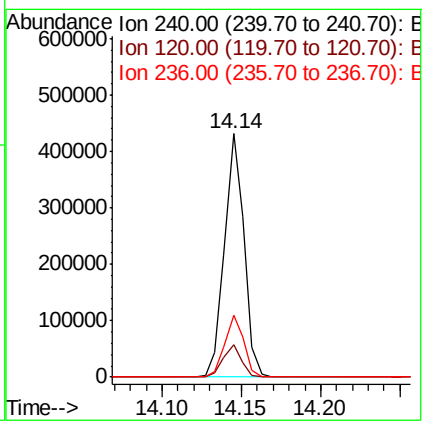


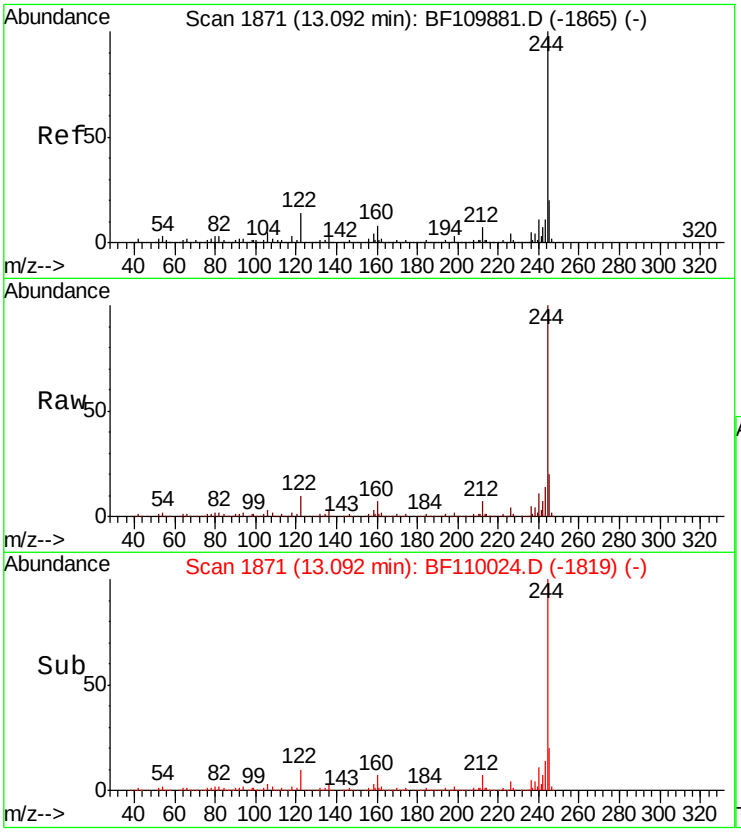


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Tgt Ion:240 Resp: 367111

Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.3	12.5#
236	25.7	21.2	31.8



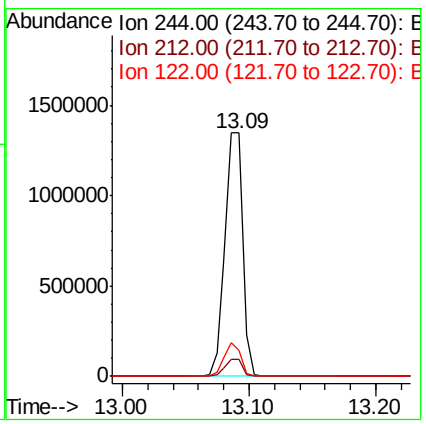


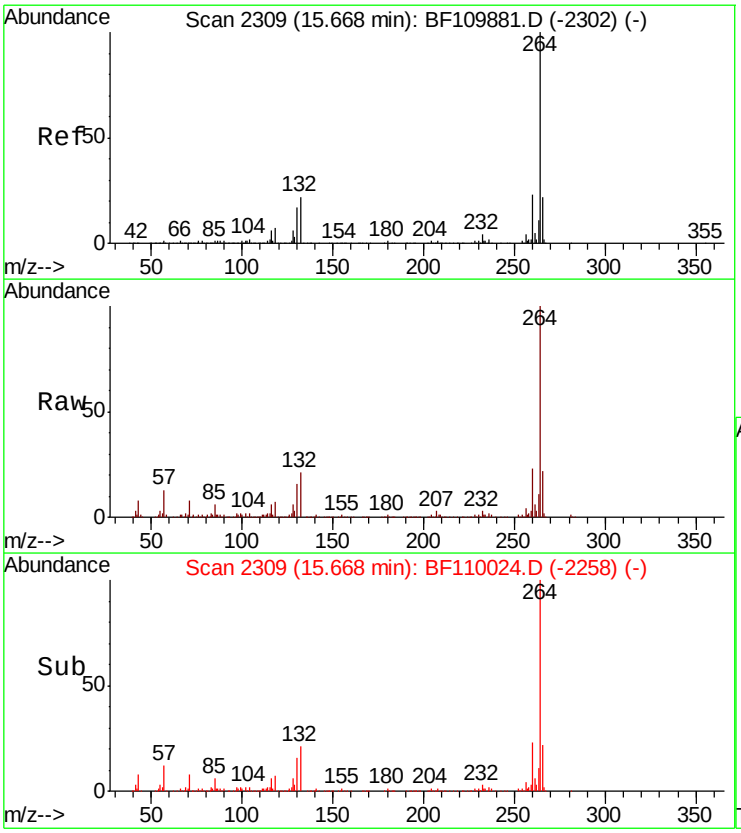
#79
Terphenyl-d14
Concen: 74.939 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1310088

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.5	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Tgt Ion:264 Resp: 327686

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.8	16.7	25.1