Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113920.D
Acq On : 23 Apr 2019 15:14
Operator : JU/SJ
Sample : K2199-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 23 16:08:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143160	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	536988	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	279214	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	528978	20.00	ng		0.00
76) Chrysene-d12	14.06	240	325259	20.00	ng		-0.01
87) Perylene-d12	15.55	264	376190	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	927528	110.81	ng		0.02
7) Phenol-d6	6.53	99	1054199	100.39	ng		0.00
23) Nitrobenzene-d5	7.46	82	841122	96.71	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	464563	136.58	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1629119	91.26	ng		0.00
79) Terphenyl-d14	13.00	244	1752427	110.46	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.67	77	24635	Below Cal			80
19) n-Nitroso-di-n-propylamine	7.46	70	114308	16.809	ng	#	76
25) Isophorone	7.46	82	835688	46.961	ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	36415	8.406	ng	#	33
57) 2,4-Dinitrotoluene	9.93	165	36415	6.659	ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	924	7.631	ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	28532	4.465	ng	#	1
77) Benzidine	13.00	184	19593	2.022	ng	#	92

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

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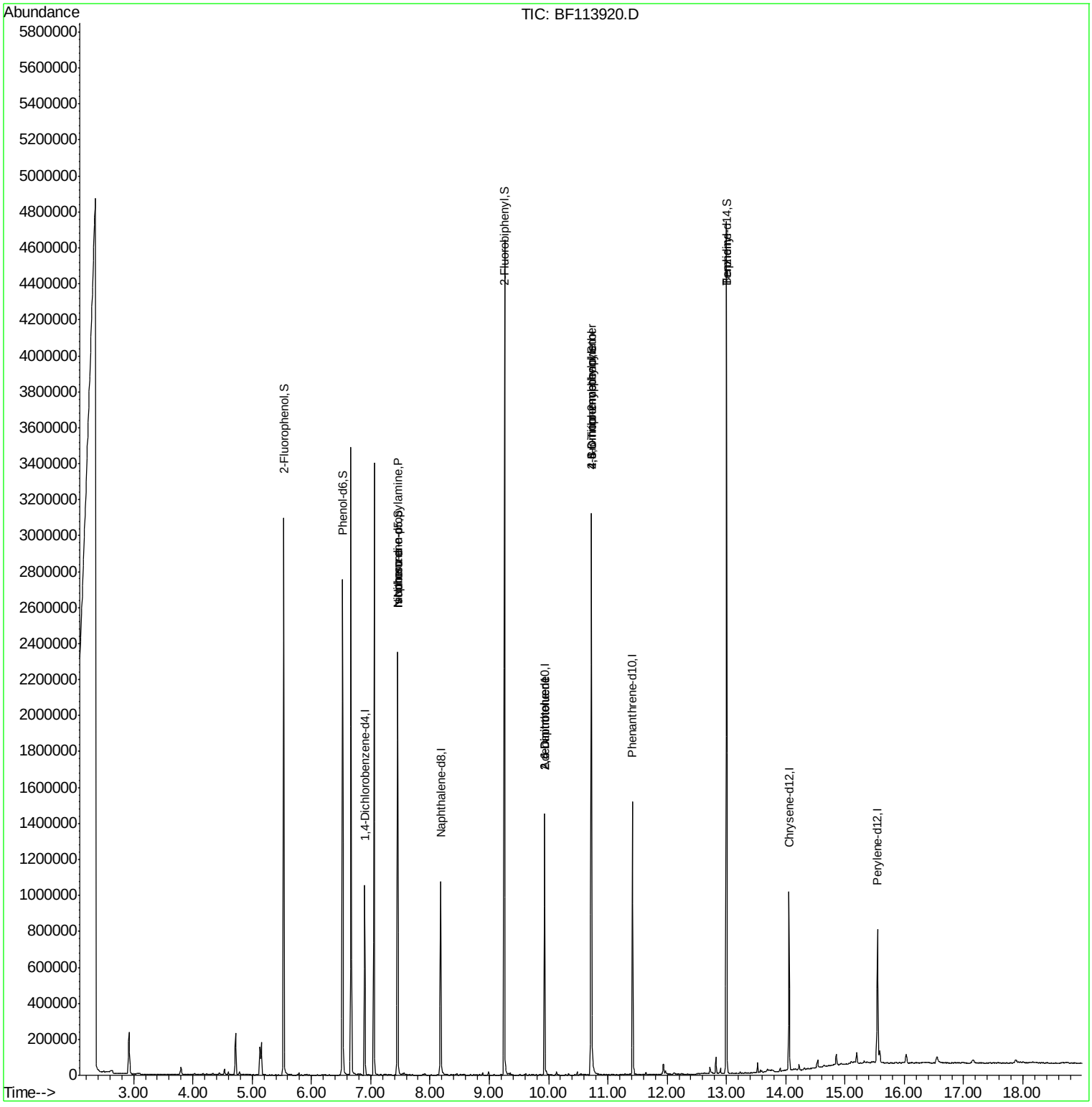
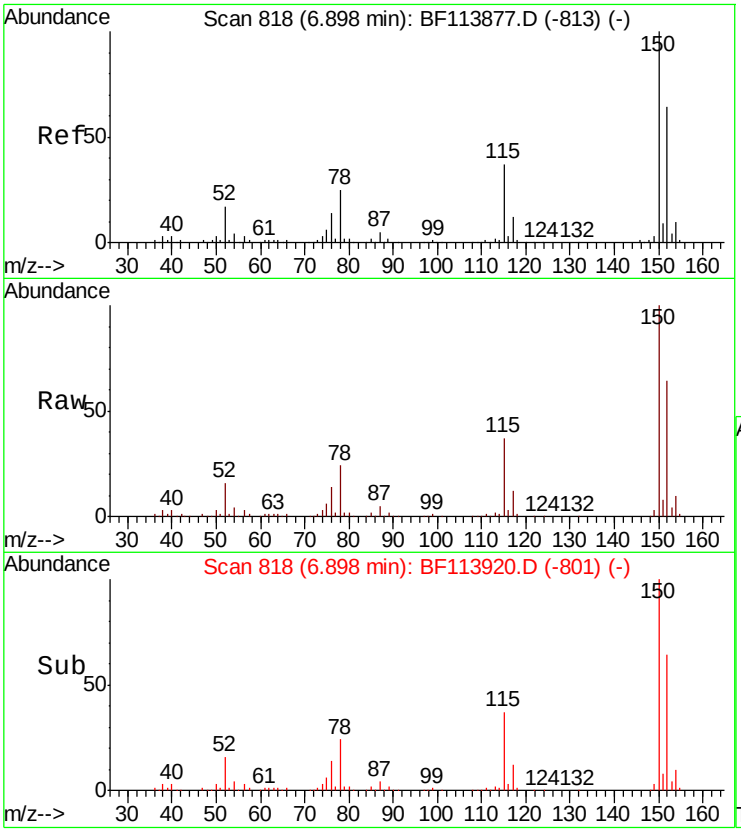


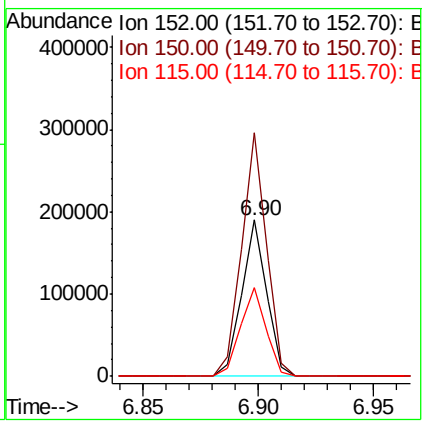


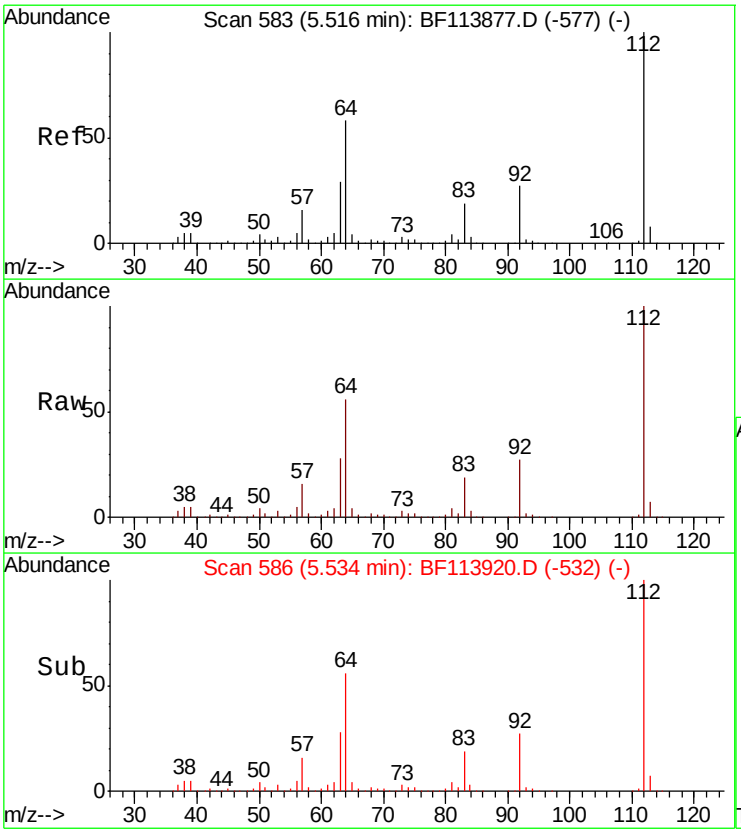
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 143160

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.9	188.9
115	57.1	45.9	68.9

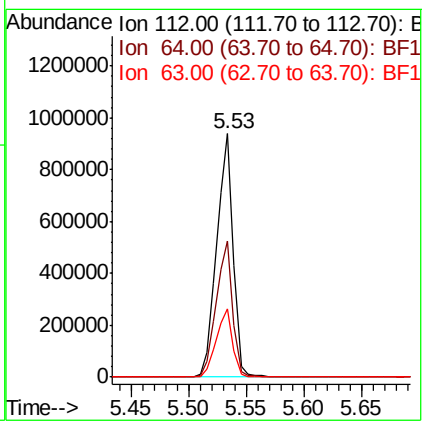


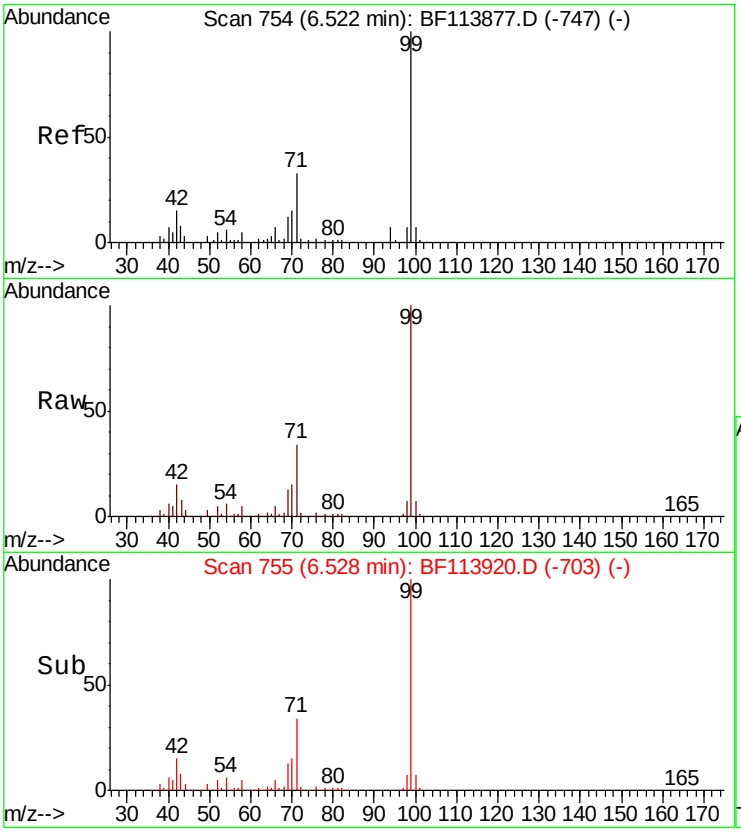


#5
2-Fluorophenol
Concen: 110.813 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Tgt Ion:112 Resp: 927528

Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.6	69.8
63	28.0	23.1	34.7



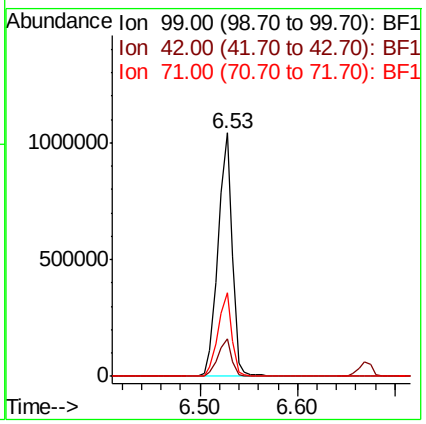


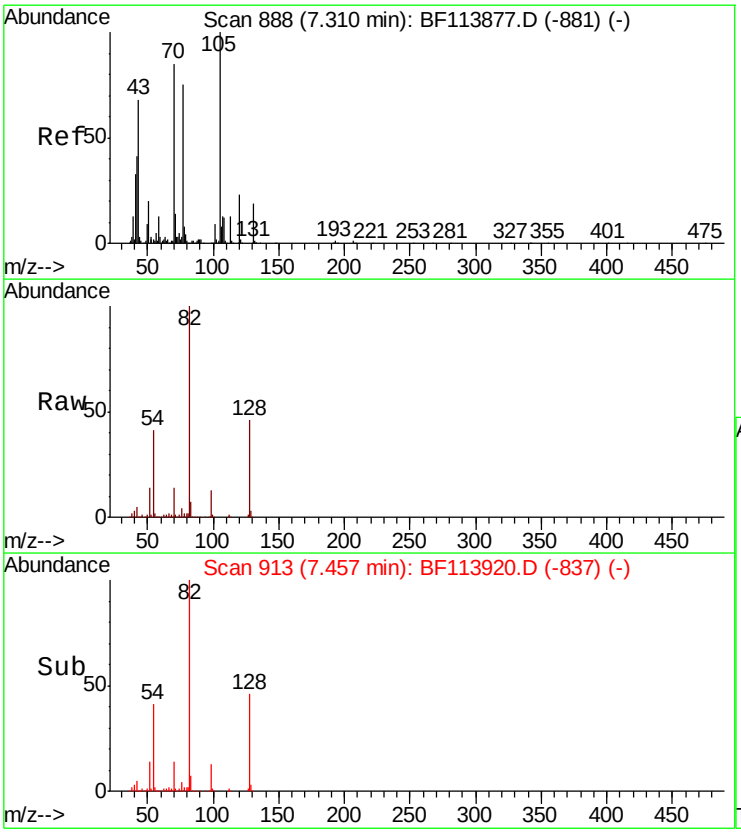
#7
Phenol-d6
Concen: 100.387 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1054199

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.5	18.7
71	34.2	26.9	40.3

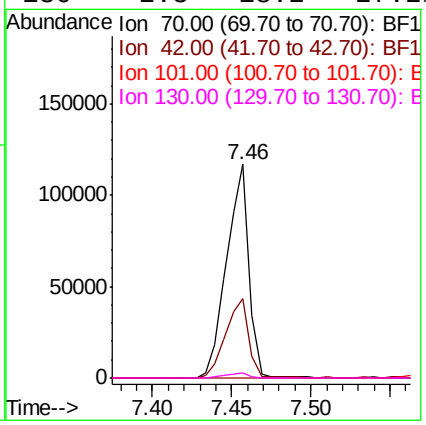


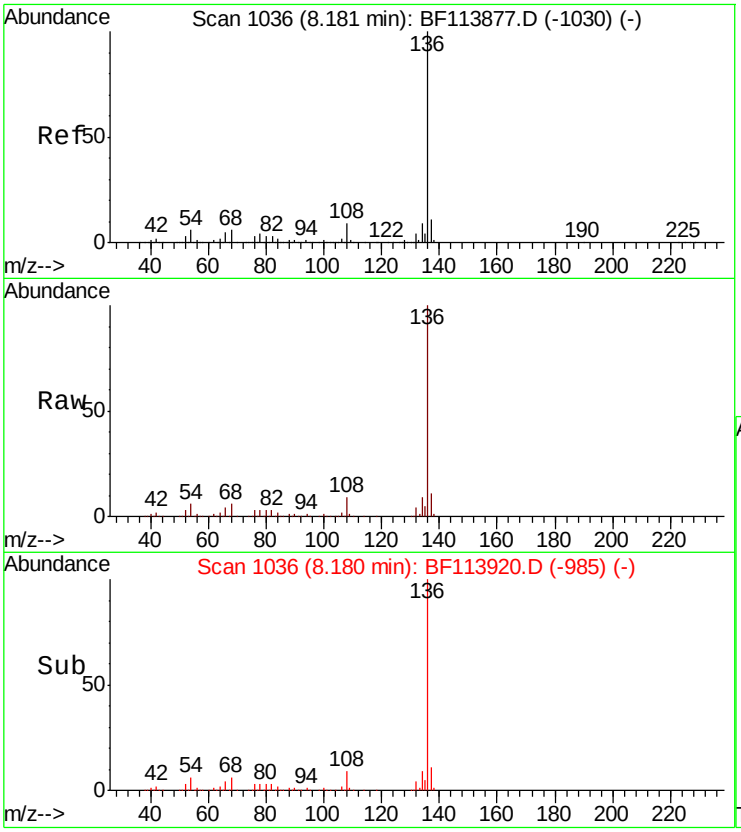


#19
n-Nitroso-di-n-propylamine
Concen: 16.809 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Tgt Ion: 70 Resp: 114308

Ion	Ratio	Lower	Upper
70	100		
42	37.2	37.3	55.9#
101	0.0	7.8	11.8#
130	2.3	18.2	27.2#



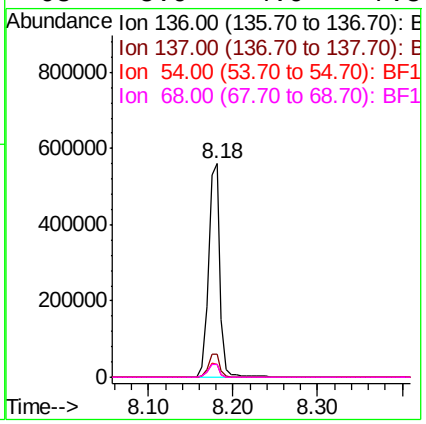


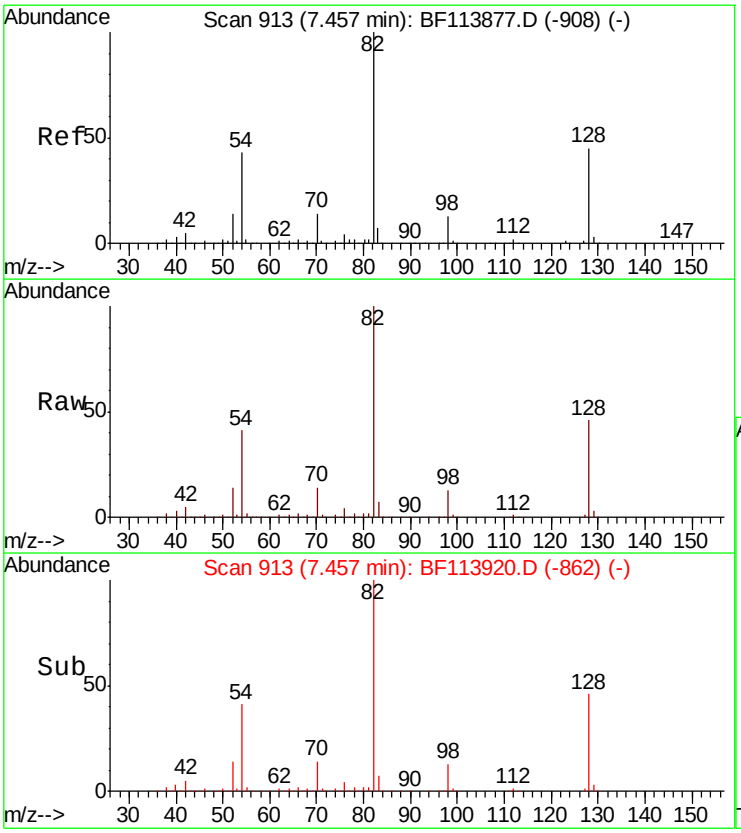
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 536988

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	5.8	5.0	7.6
68	5.9	4.9	7.3

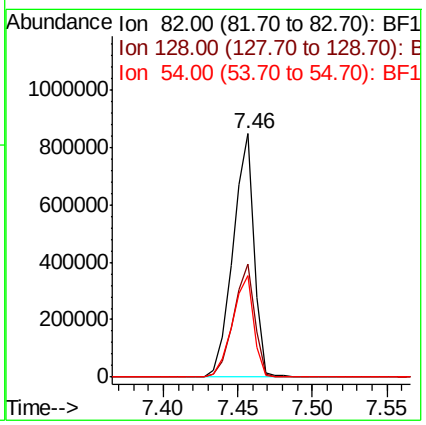


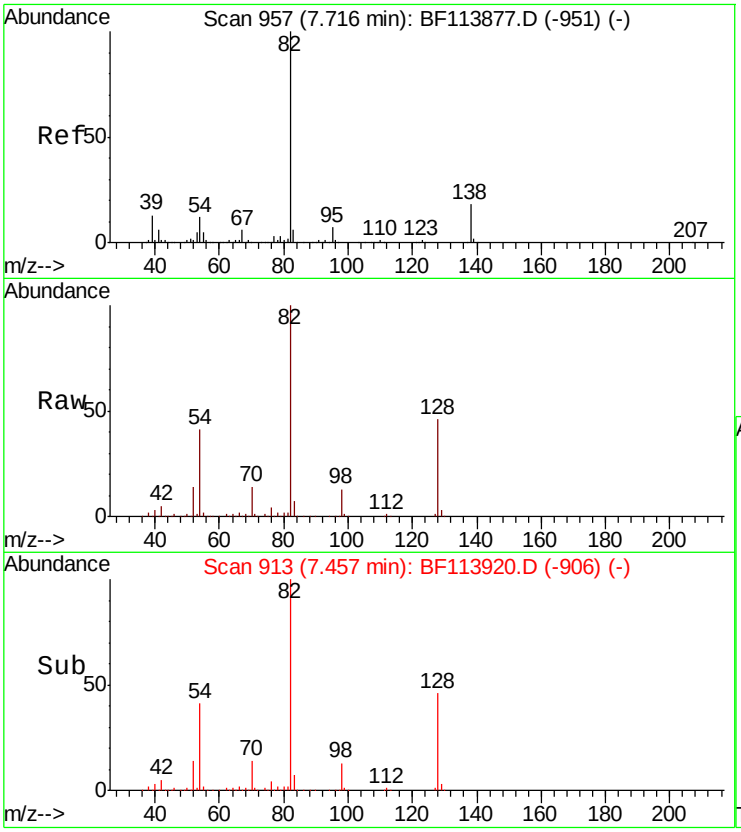


#23
Nitrobenzene-d5
Concen: 96.714 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Tgt Ion: 82 Resp: 841122

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.8	55.2
54	41.5	33.8	50.6



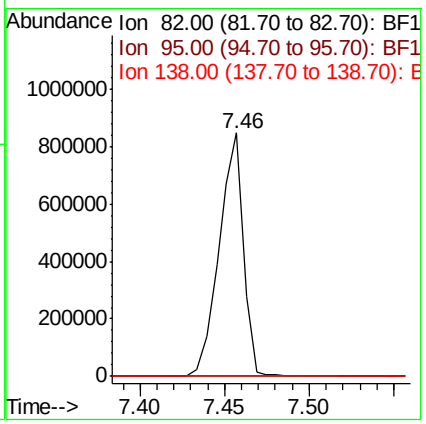


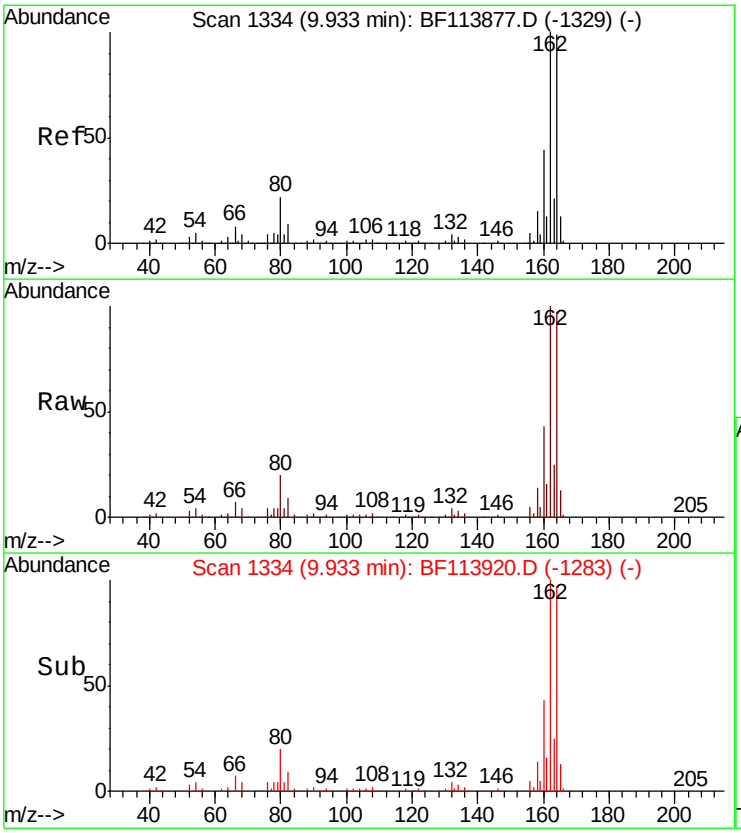
#25
Isophorone
Concen: 46.961 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 835688

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#

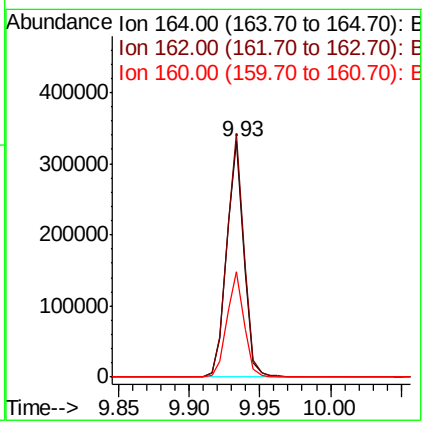


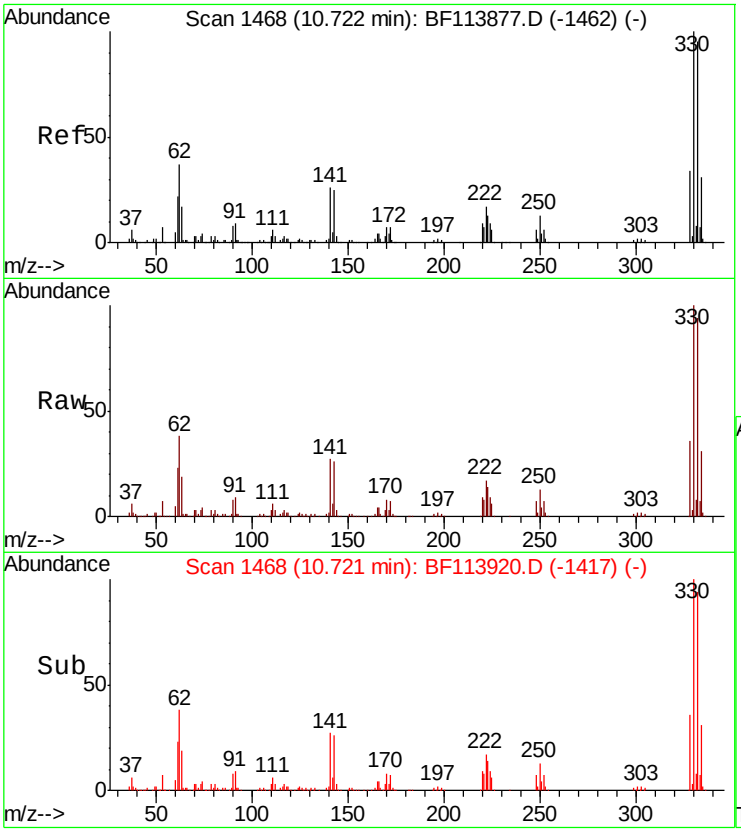


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Tgt Ion:164 Resp: 279214

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.1	121.7
160	44.8	35.8	53.6



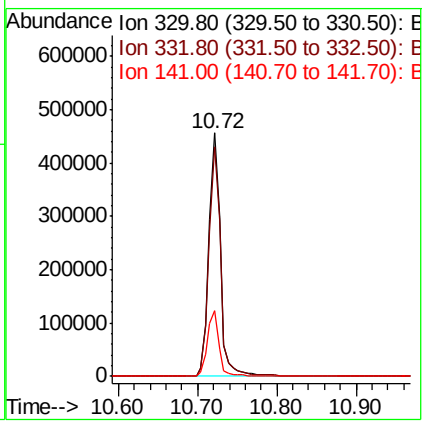


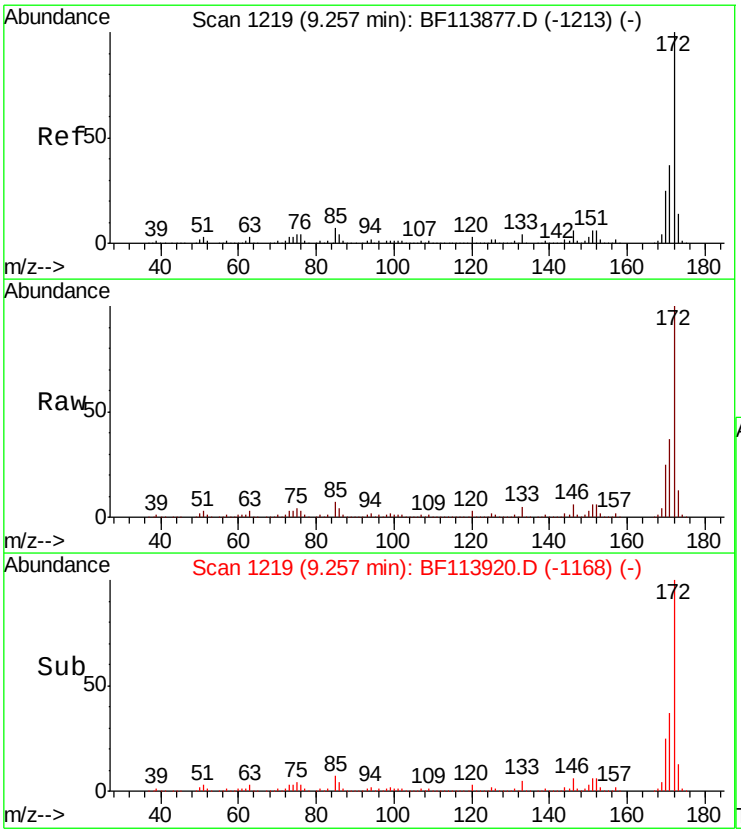
#42
2,4,6-Tribromophenol
Concen: 136.580 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 464563

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.5	116.3
141	27.0	22.2	33.2

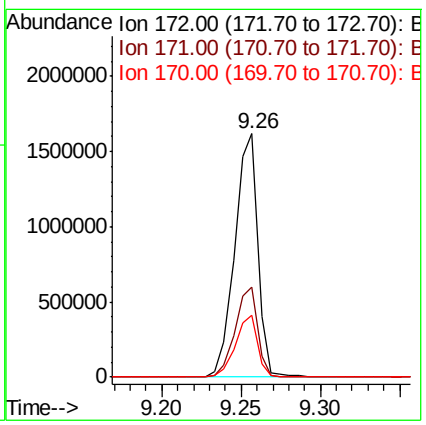


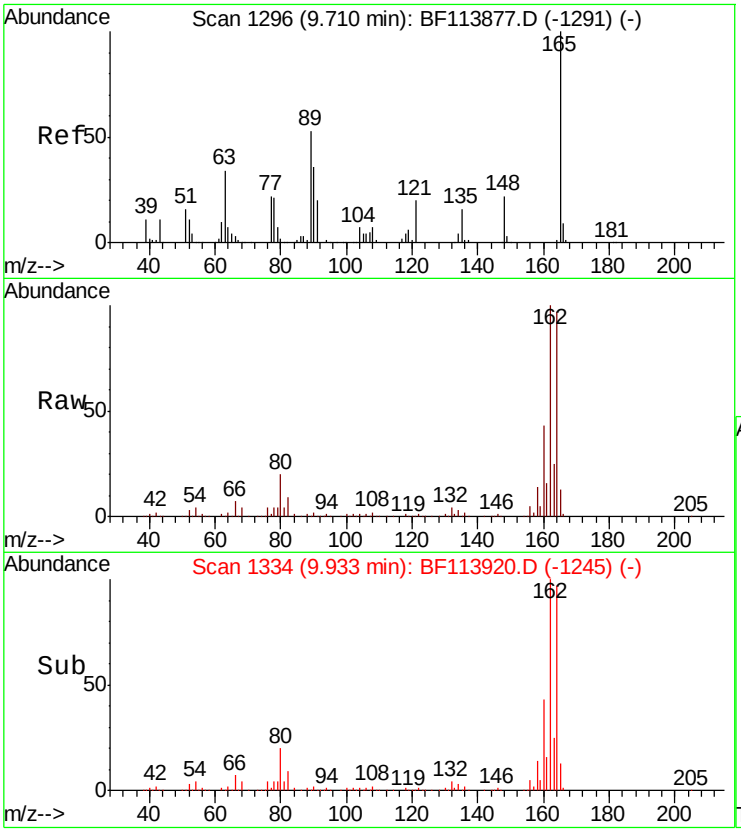


#45
2-Fluorobiphenyl
Concen: 91.256 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Tgt Ion:172 Resp: 1629119

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.2	19.9	29.9



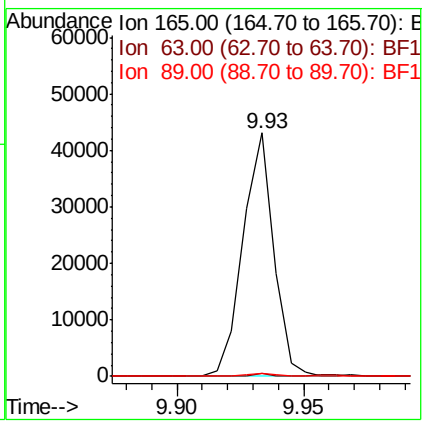


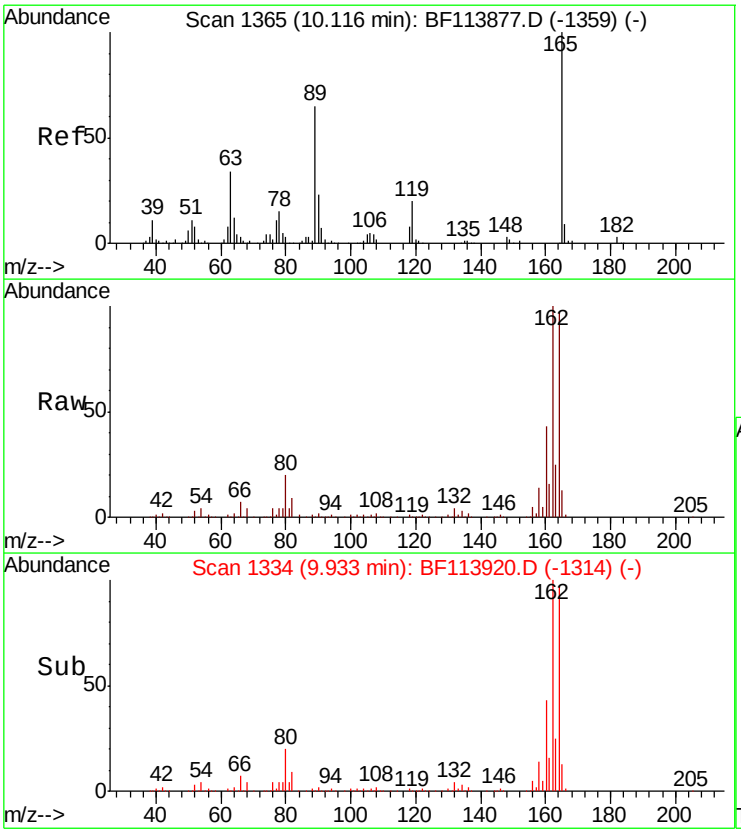
#51
2,6-Dinitrotoluene
Concen: 8.406 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36415

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.8#
89	1.3	38.2	57.2#

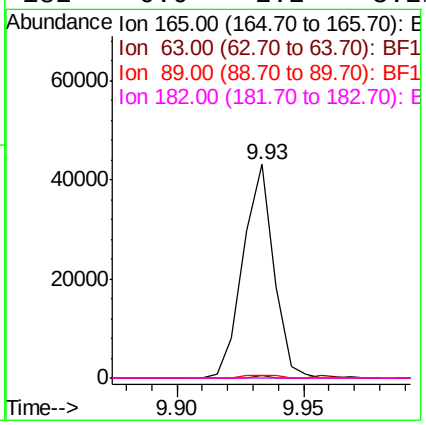


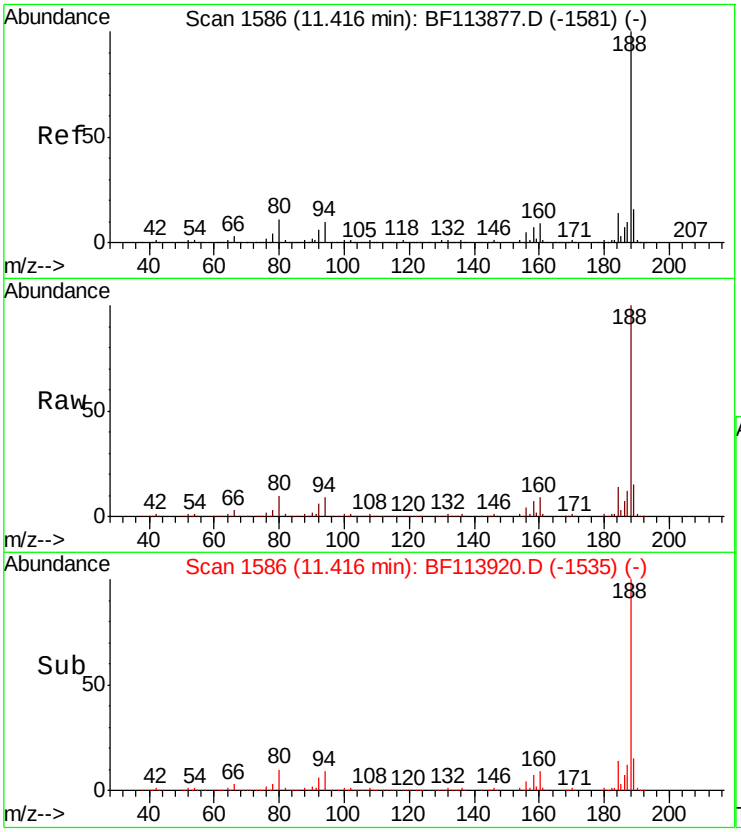


#57
2,4-Dinitrotoluene
Concen: 6.659 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Tgt Ion:165 Resp: 36415

Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.4	41.0#
89	1.3	51.8	77.6#
182	0.0	2.2	3.2#



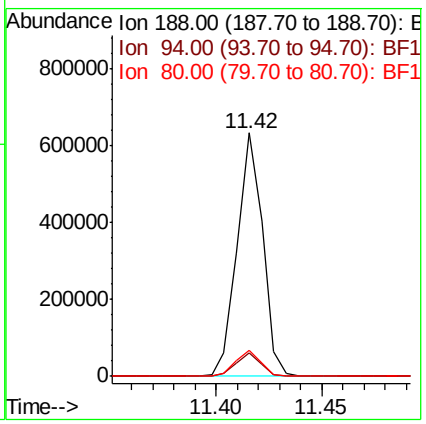


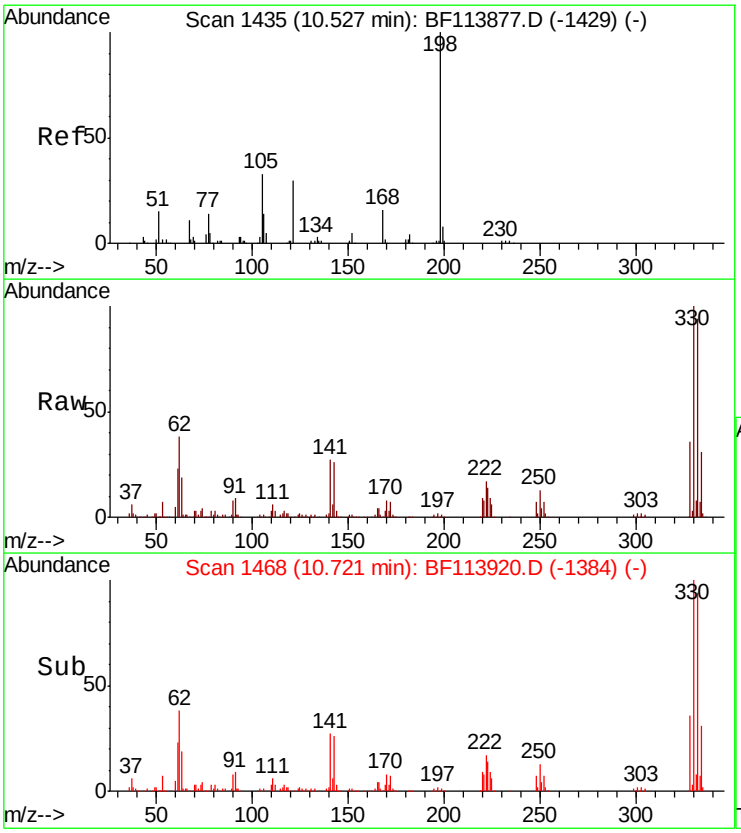
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 528978

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	10.4	9.0	13.6

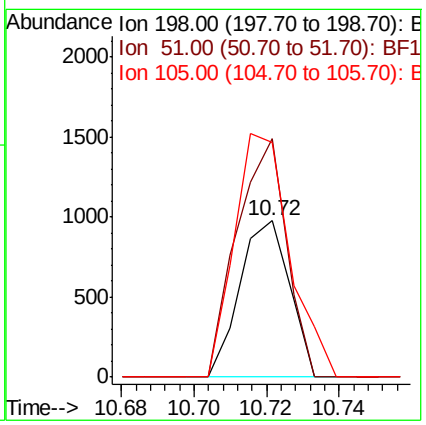


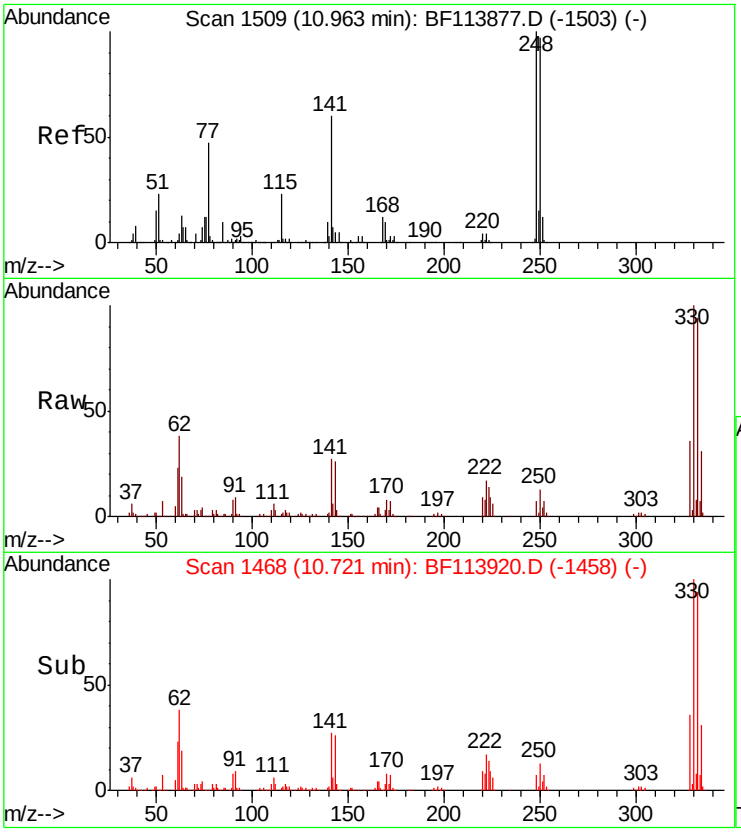


#65
4,6-Dinitro-2-methylphenol
Concen: 7.631 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Tgt Ion:198 Resp: 924

Ion	Ratio	Lower	Upper
198	100		
51	152.6	11.1	51.1#
105	150.2	20.7	60.7#



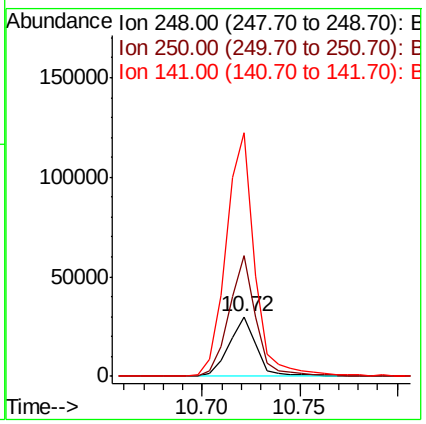


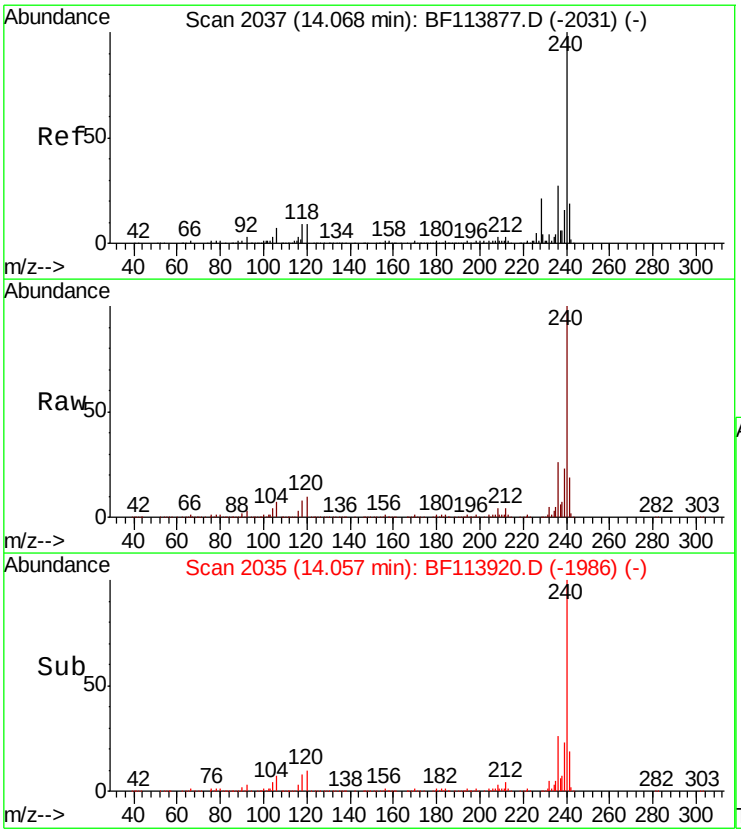
#67
4-Bromophenyl-phenylether
Concen: 4.465 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 28532

Ion	Ratio	Lower	Upper
248	100		
250	201.9	75.8	113.6#
141	408.9	50.2	75.4#

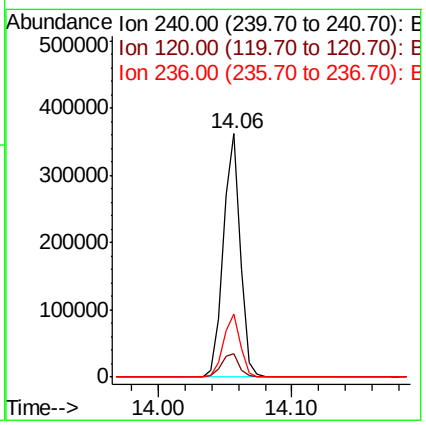


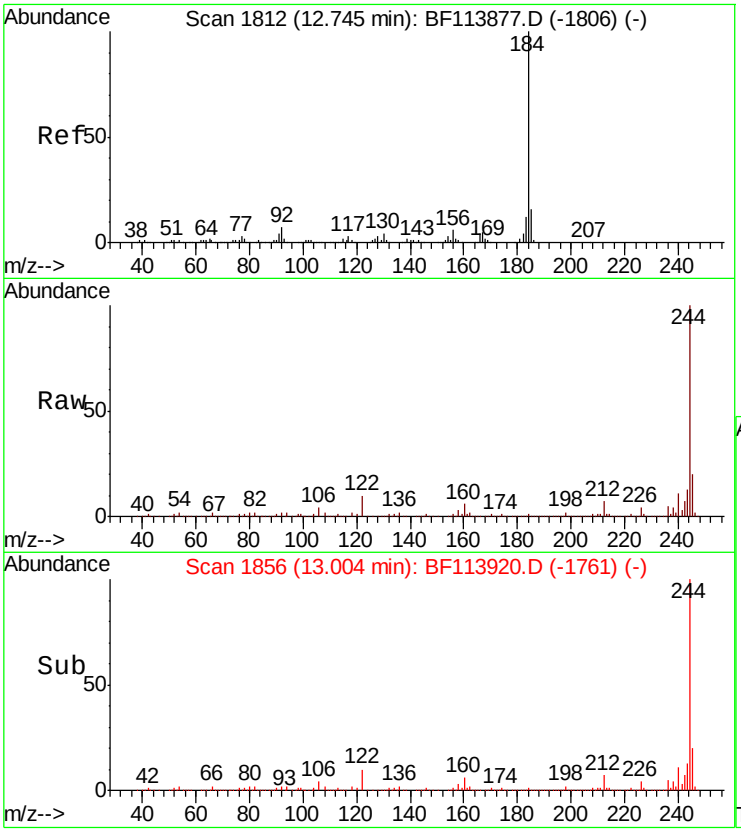


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Tgt Ion:240 Resp: 325259

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.3	13.9
236	26.2	21.2	31.8



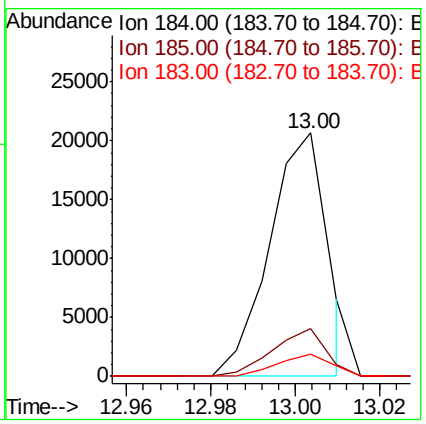


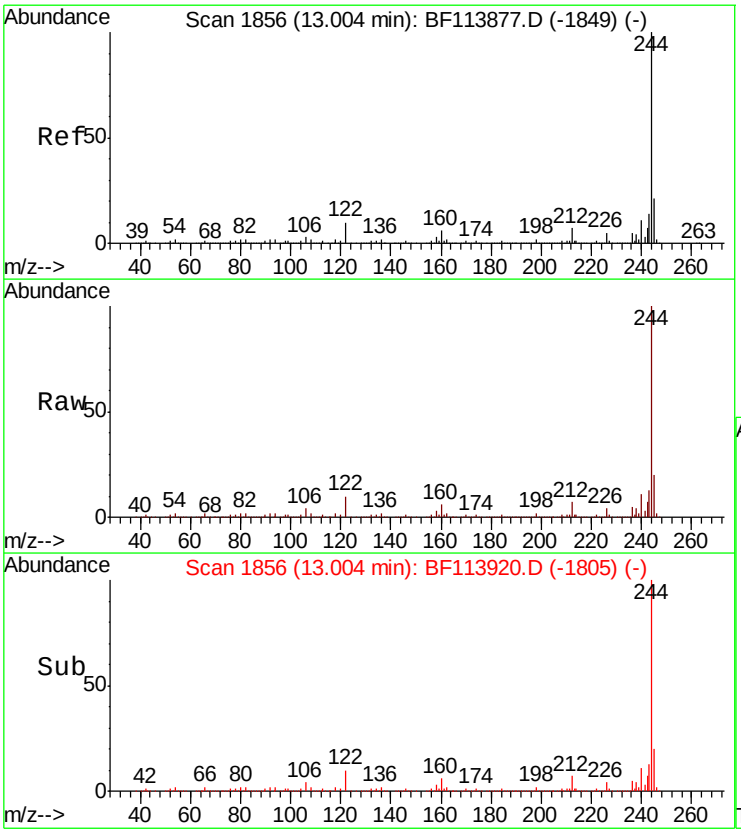
#77
Benzidine
Concen: 2.022 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.26 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 19593

Ion	Ratio	Lower	Upper
184	100		
185	19.8	13.0	19.6#
183	9.1	9.4	14.0#

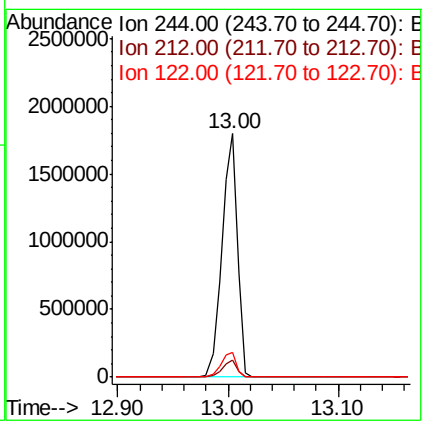


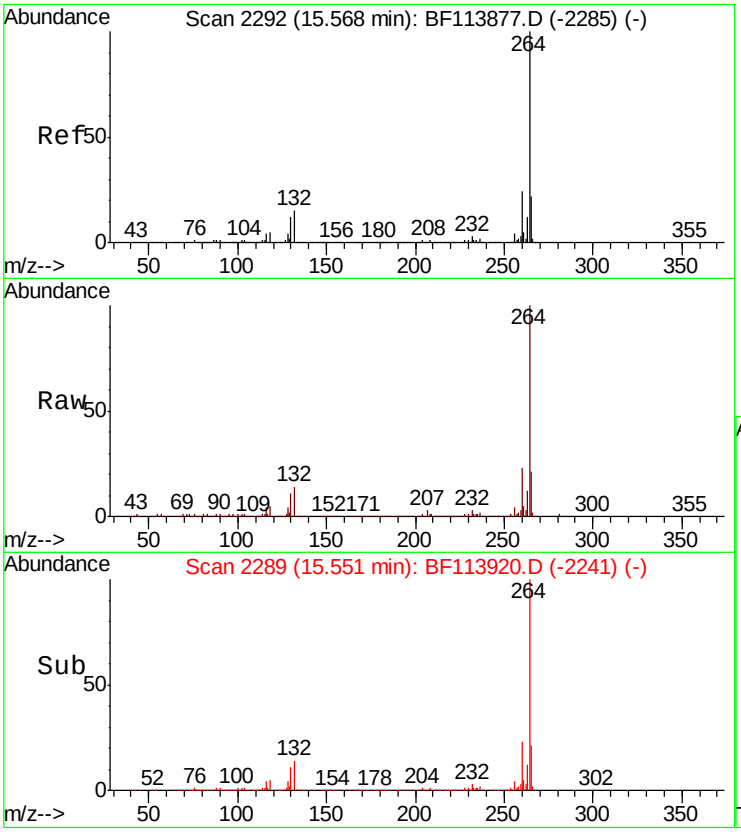


#79
Terphenyl-d14
Concen: 110.457 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Tgt Ion:244 Resp: 1752427

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.1	7.6	11.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF113920.D
Acq: 23 Apr 2019 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 376190

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	21.1	17.3	25.9