Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113988.D
Acq On : 25 Apr 2019 20:02
Operator : JU/SJ
Sample : K2555-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 25 23:18:18 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	6.89	152	102757	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	389988	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	207657	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	445485	20.00	ng		0.00
76) Chrysene-d12	14.05	240	422875	20.00	ng		-0.02
87) Perylene-d12	15.54	264	433168	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	393066	65.42	ng		0.00
7) Phenol-d6	6.52	99	365868	48.54	ng		0.00
23) Nitrobenzene-d5	7.45	82	620439	98.23	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	374843	148.18	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1269751	95.63	ng		0.00
79) Terphenyl-d14	13.00	244	1789701	86.77	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	15791	Below Cal			85
19) n-Nitroso-di-n-propylamine	7.45	70	83215	17.048	ng	#	78
25) Isophorone	7.45	82	620432	48.006	ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	26596	8.255	ng	#	33
57) 2,4-Dinitrotoluene	9.93	165	26597	6.540	ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	530	7.528	ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	23928	4.446	ng	#	1

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

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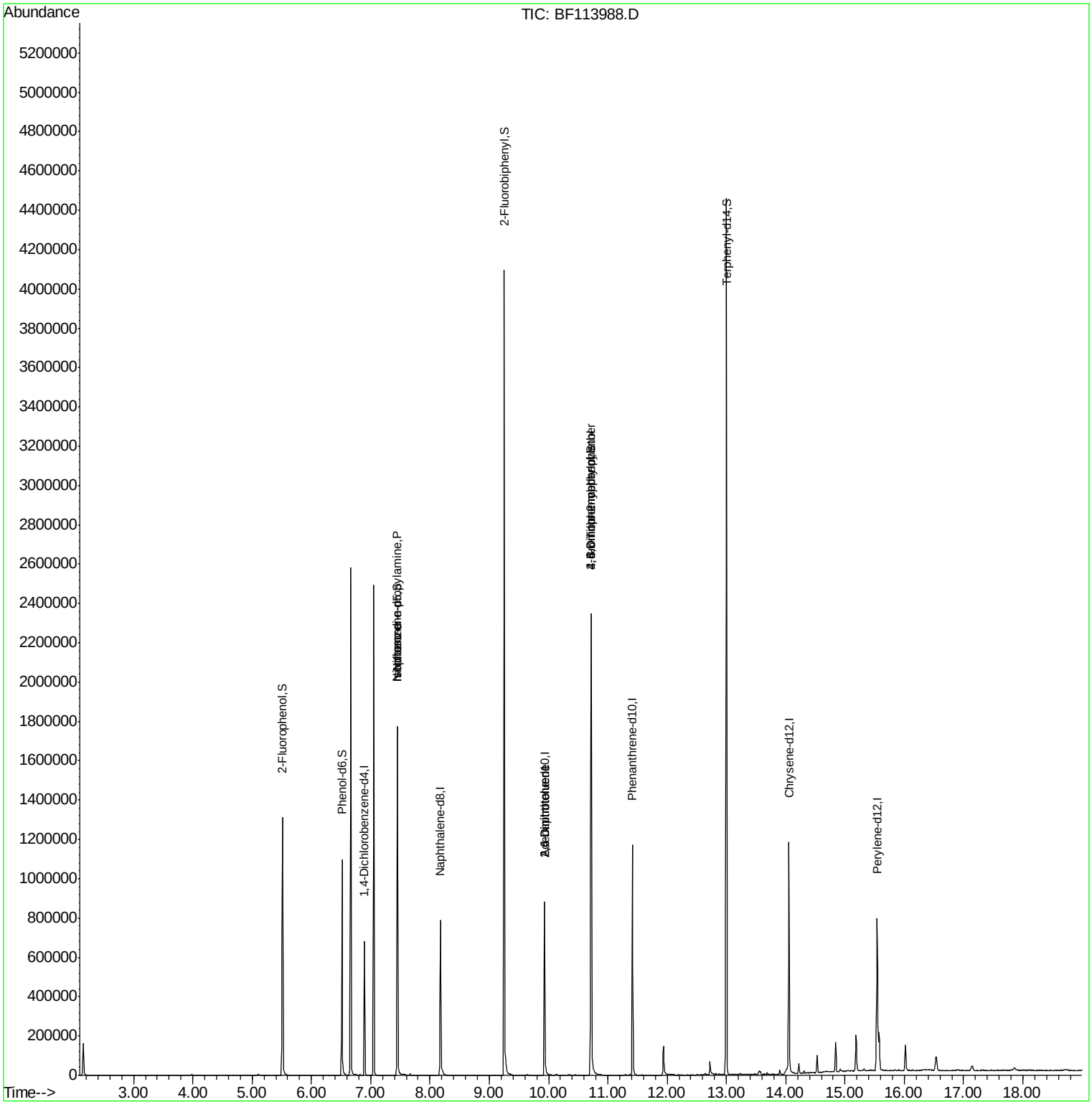
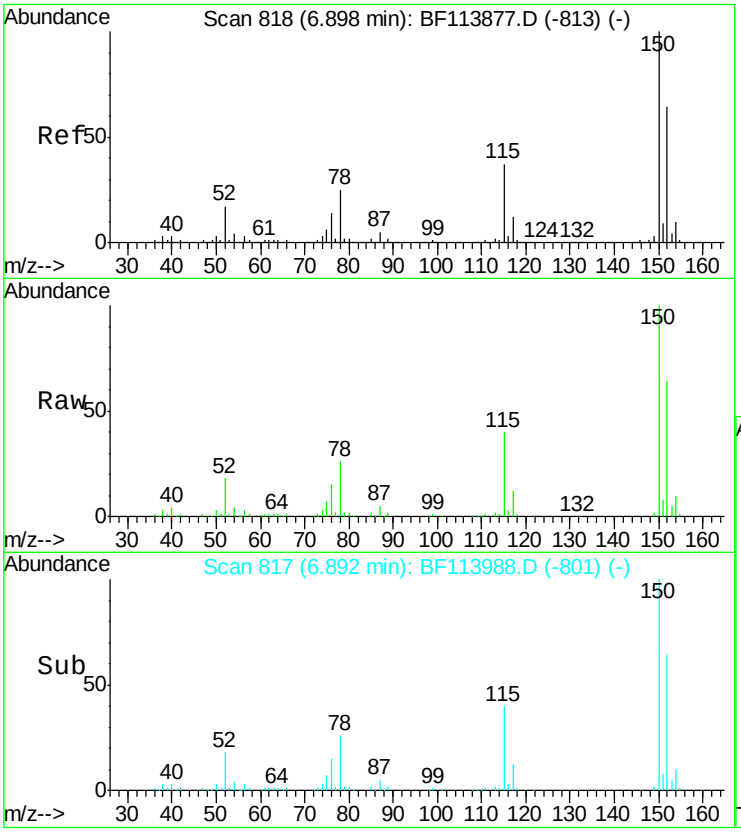


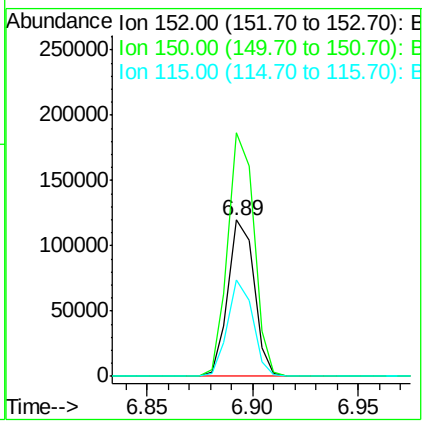


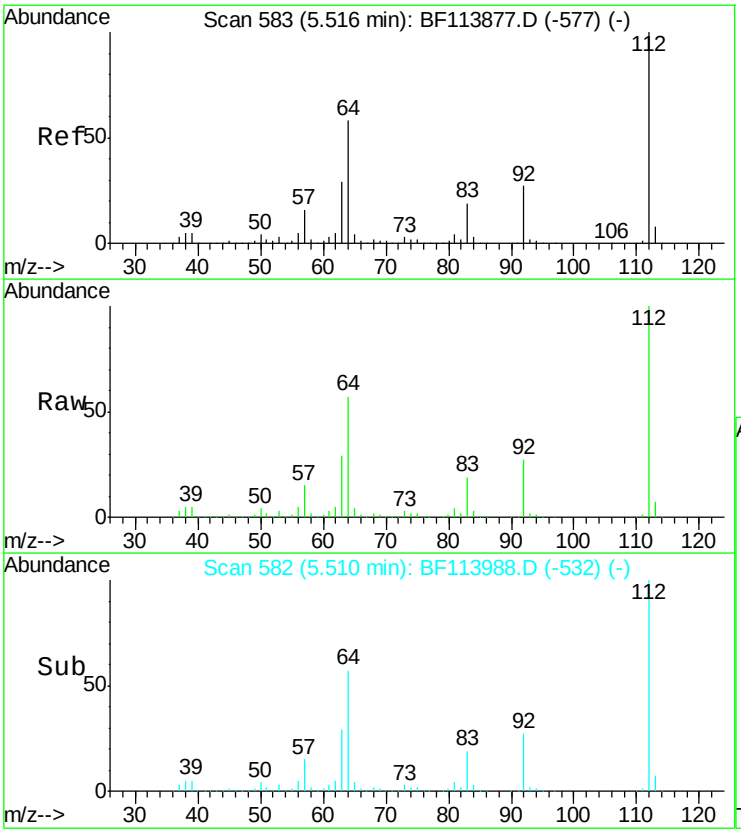
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102757

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.9	188.9
115	61.7	45.9	68.9

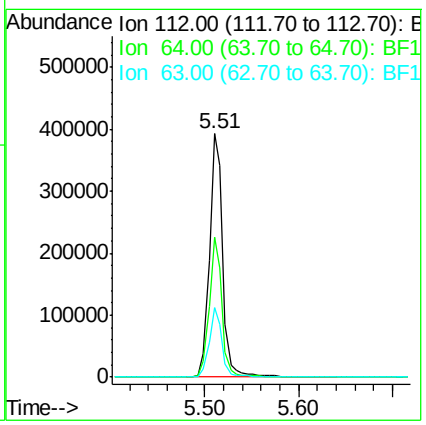


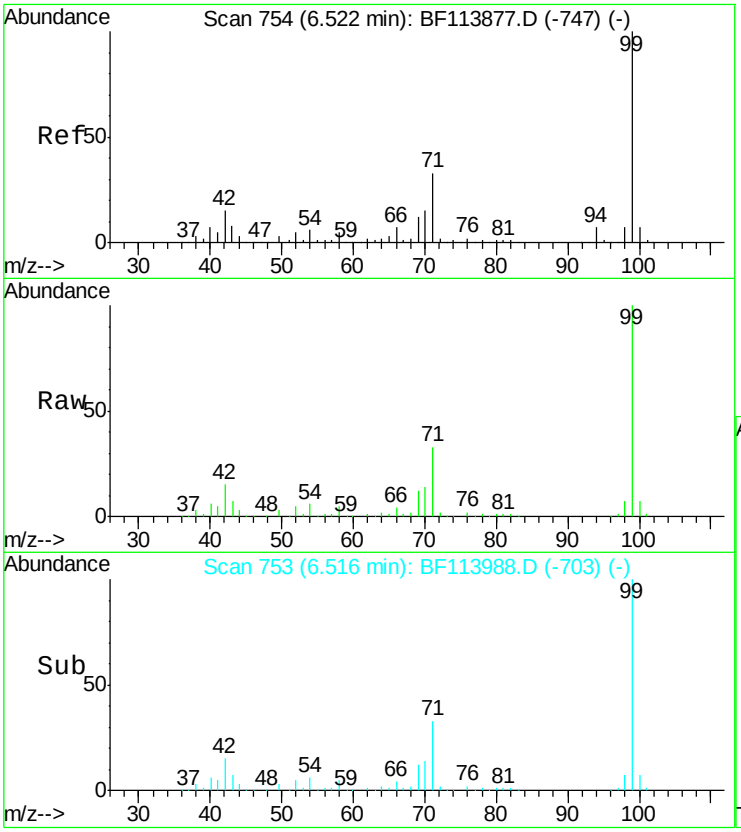


#5
2-Fluorophenol
Concen: 65.425 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Tgt Ion:112 Resp: 393066

Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.6	69.8
63	28.6	23.1	34.7



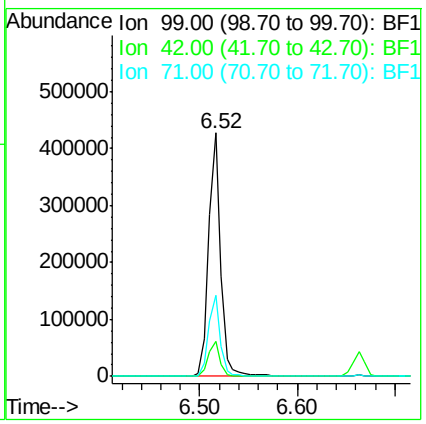


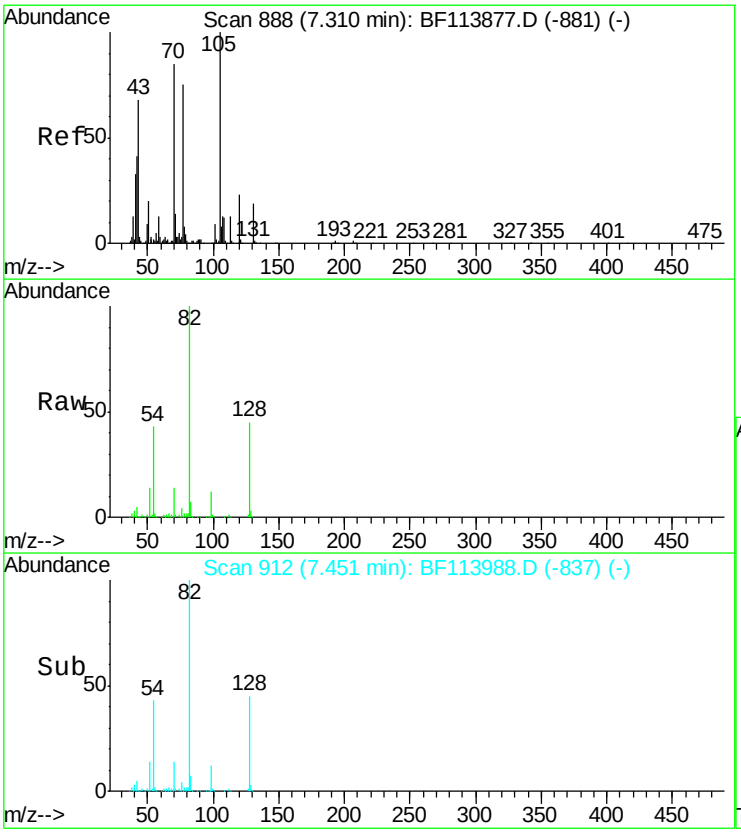
#7
Phenol-d6
Concen: 48.539 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 365868

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.5	18.7
71	33.1	26.9	40.3

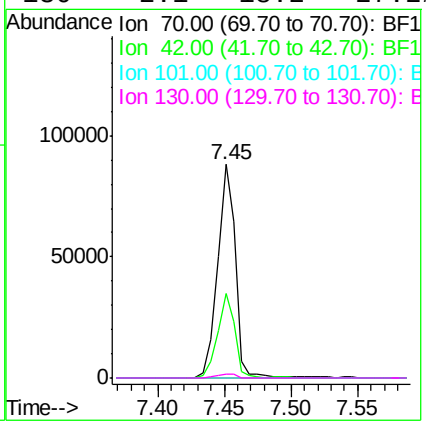


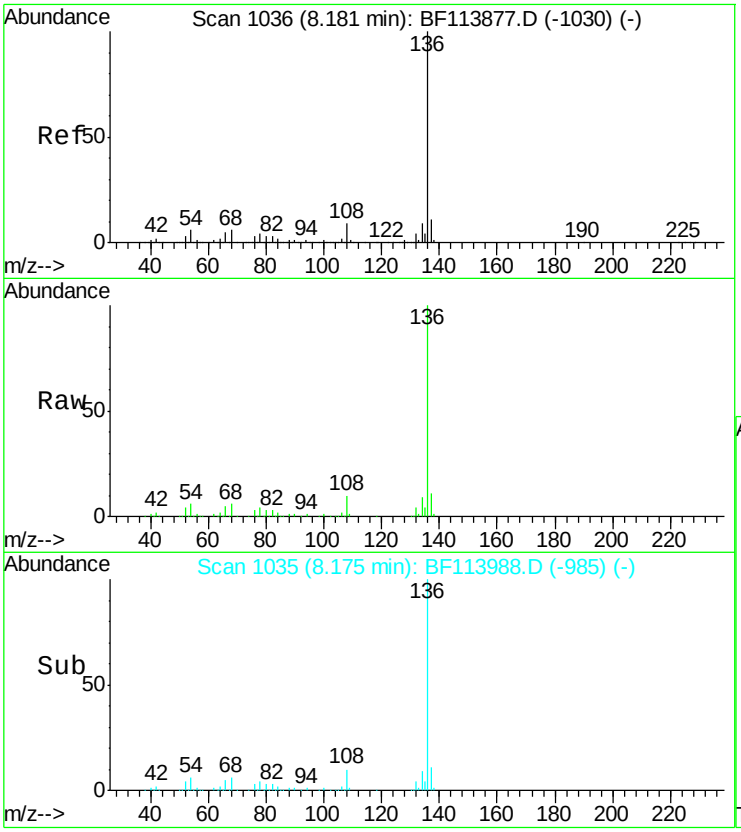


#19
n-Nitroso-di-n-propylamine
Concen: 17.048 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Tgt Ion: 70 Resp: 83215

Ion	Ratio	Lower	Upper
70	100		
42	39.6	37.3	55.9
101	0.0	7.8	11.8#
130	2.1	18.2	27.2#



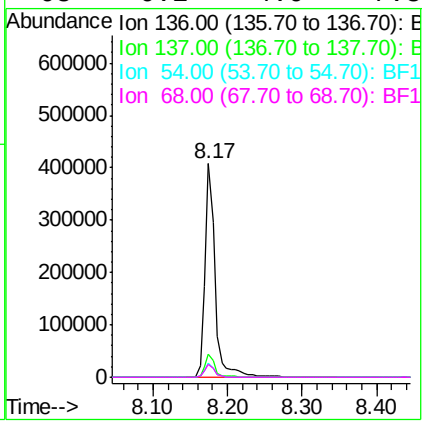


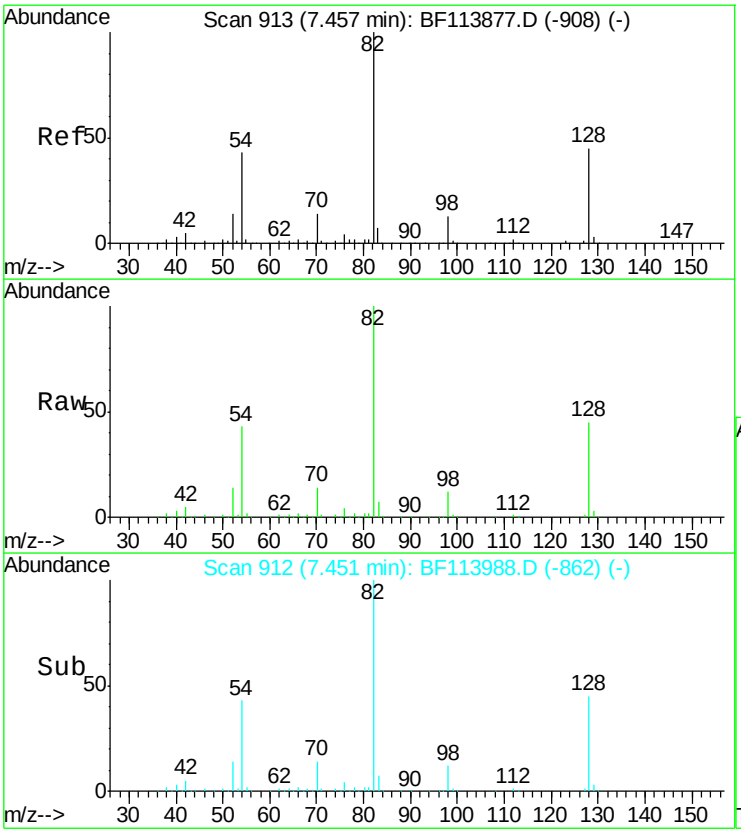
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 389988

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.3	5.0	7.6
68	6.2	4.9	7.3

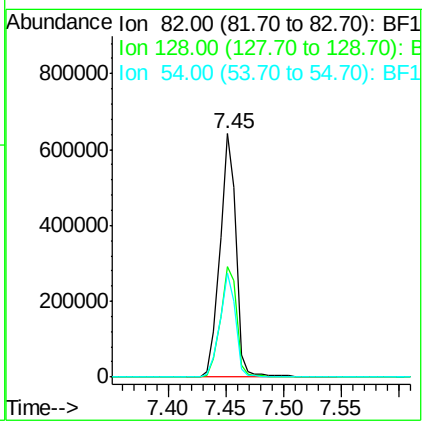


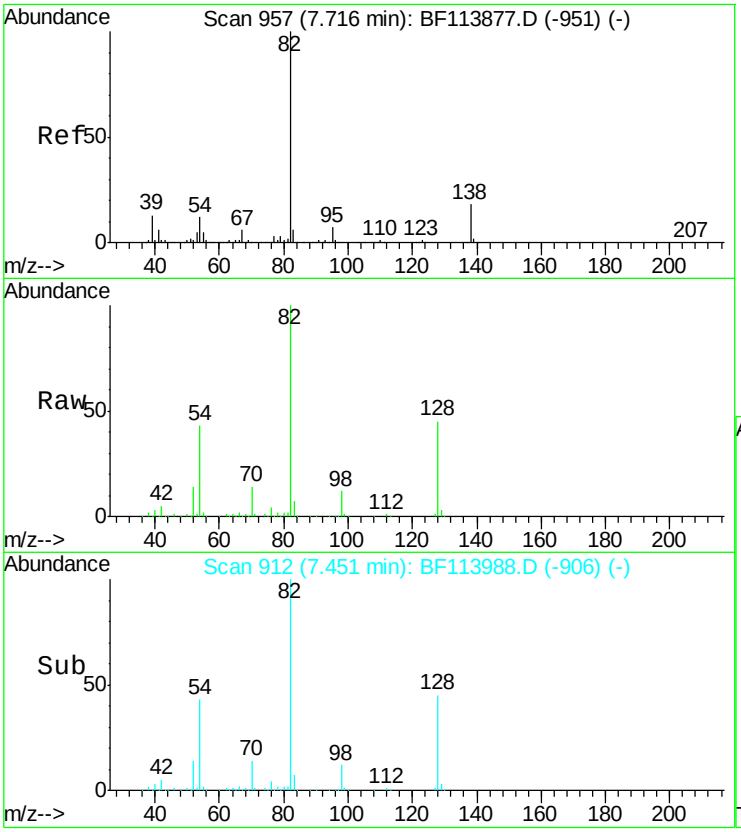


#23
Nitrobenzene-d5
Concen: 98.230 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Tgt Ion: 82 Resp: 620439

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.8	55.2
54	42.8	33.8	50.6



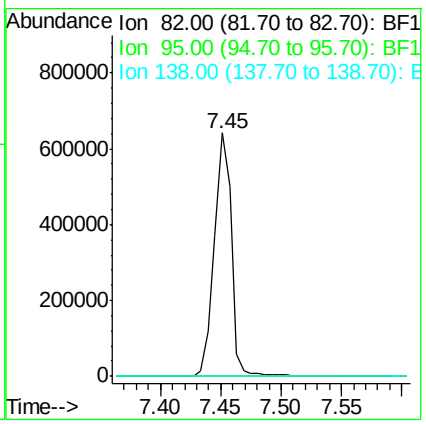


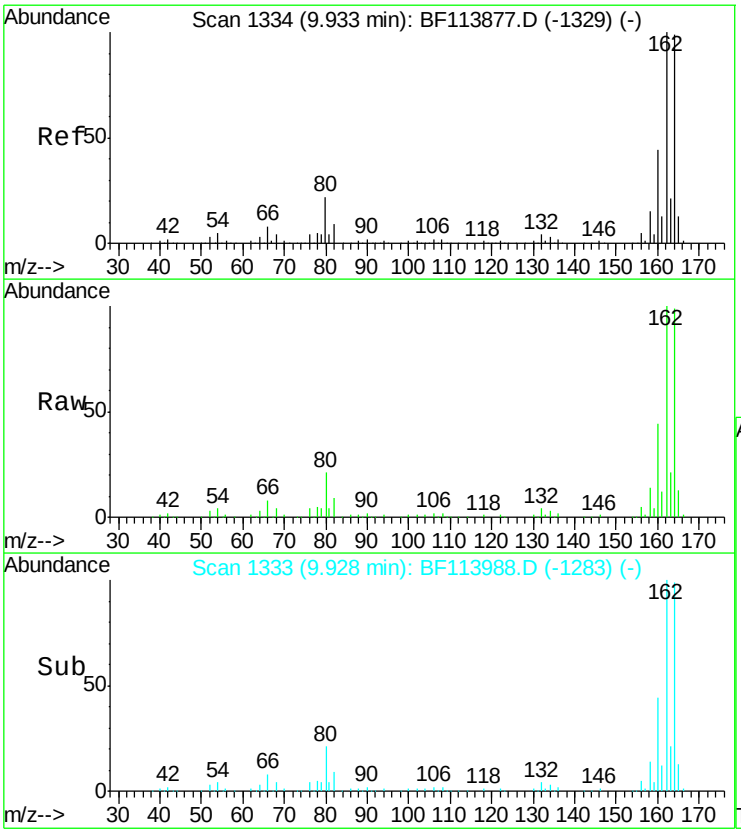
#25
Isophorone
Concen: 48.006 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 620432

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

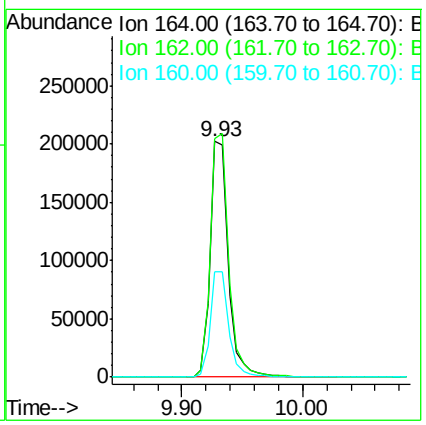


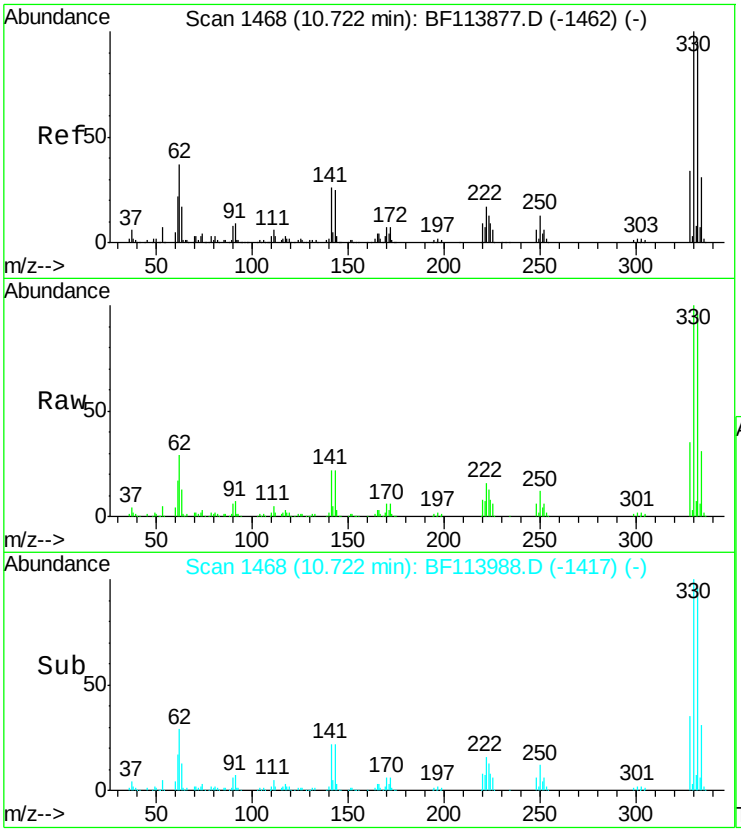


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Tgt Ion:164 Resp: 207657

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.1	121.7
160	44.7	35.8	53.6



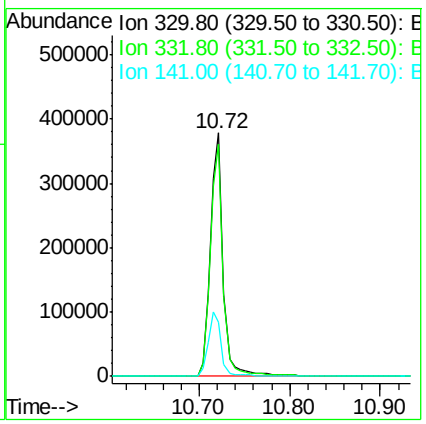


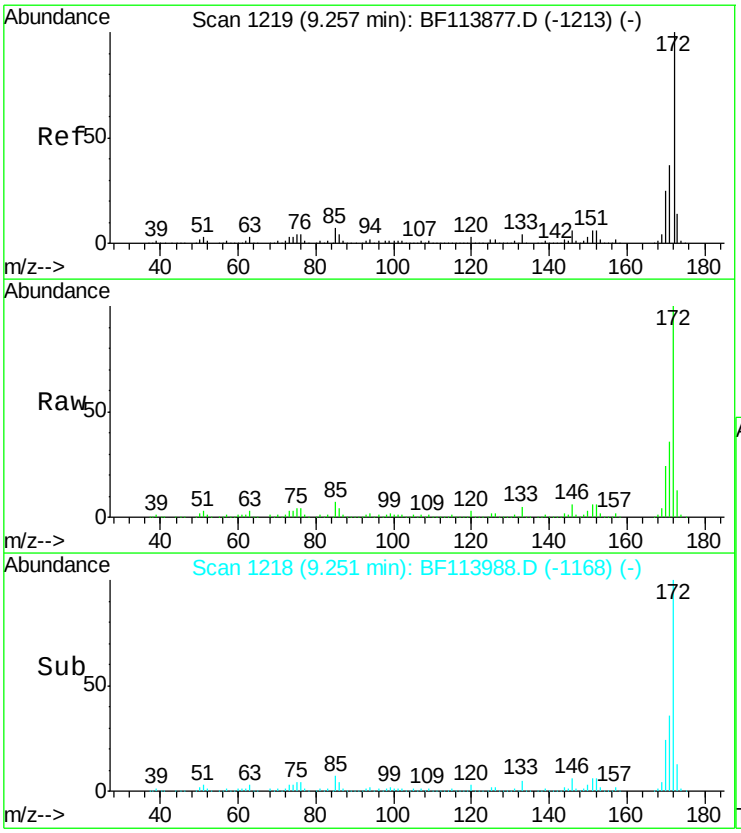
#42
2,4,6-Tribromophenol
Concen: 148.178 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 374843

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.5	116.3
141	27.3	22.2	33.2

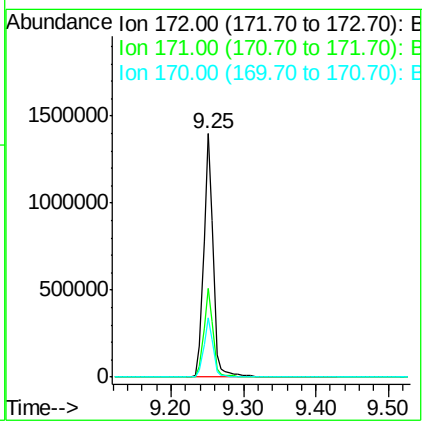


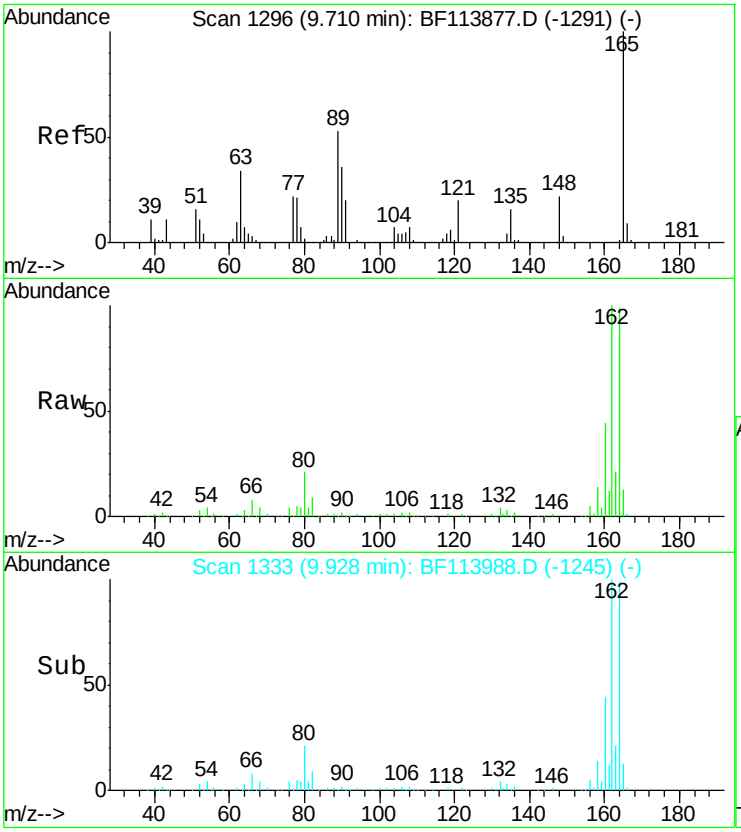


#45
2-Fluorobiphenyl
Concen: 95.635 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Tgt Ion:172 Resp: 1269751

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.5	19.9	29.9



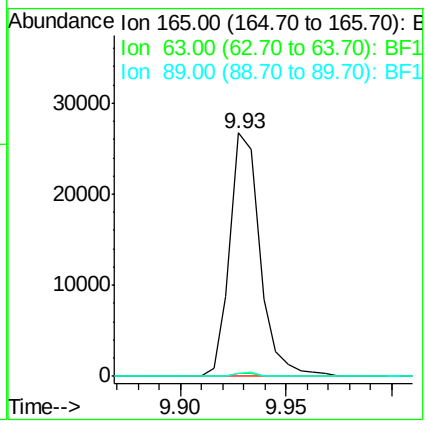


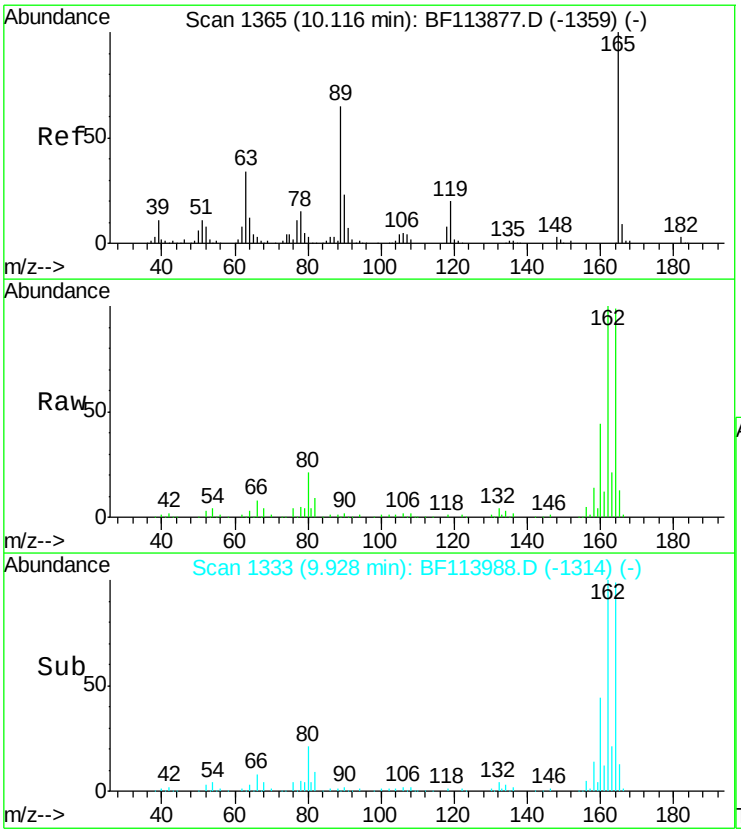
#51
2,6-Dinitrotoluene
Concen: 8.255 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26596

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.8#
89	1.4	38.2	57.2#

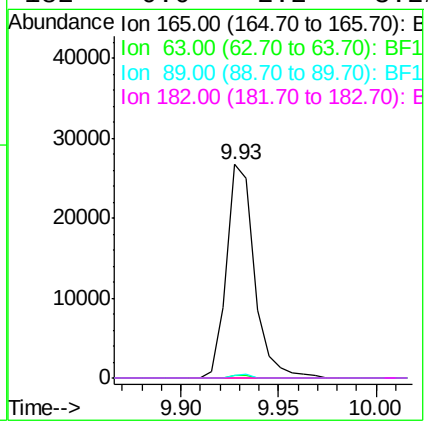


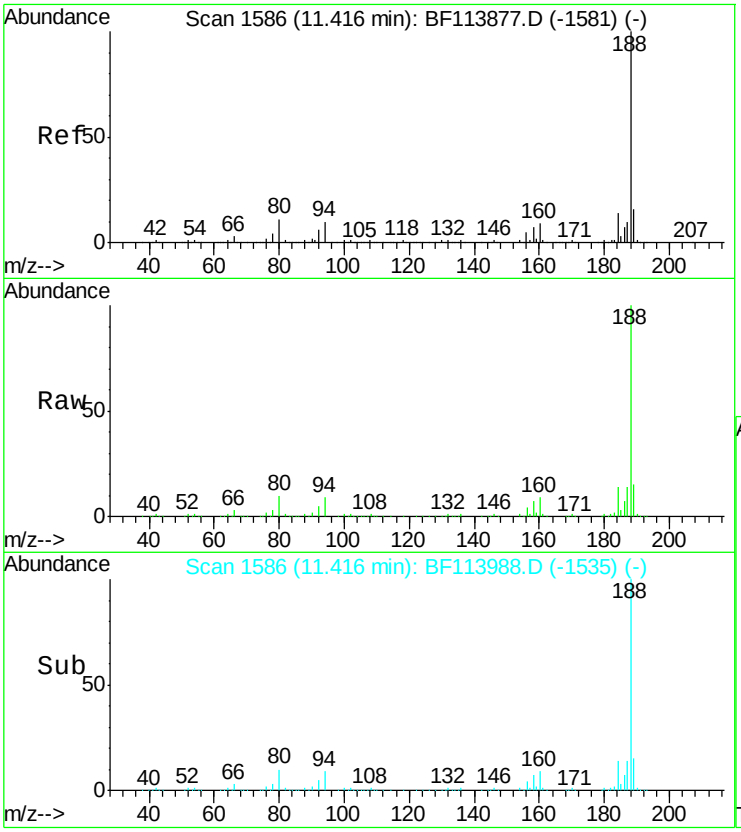


#57
2,4-Dinitrotoluene
Concen: 6.540 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Tgt Ion:165 Resp: 26597

Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.4	41.0#
89	1.4	51.8	77.6#
182	0.0	2.2	3.2#



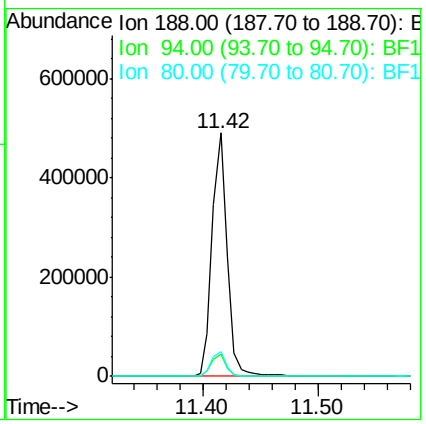


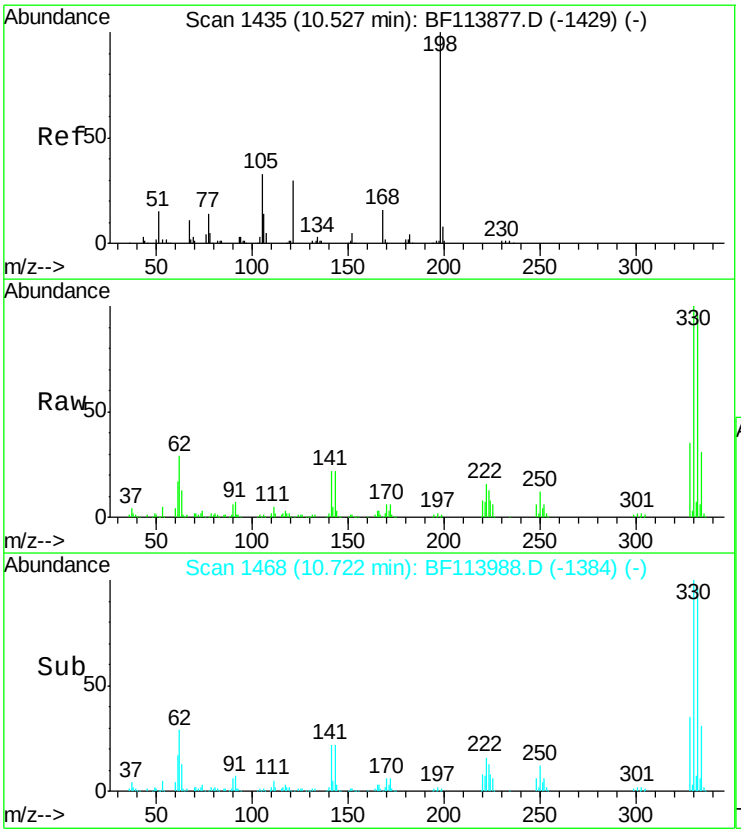
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 445485

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.4
80	10.0	9.0	13.6

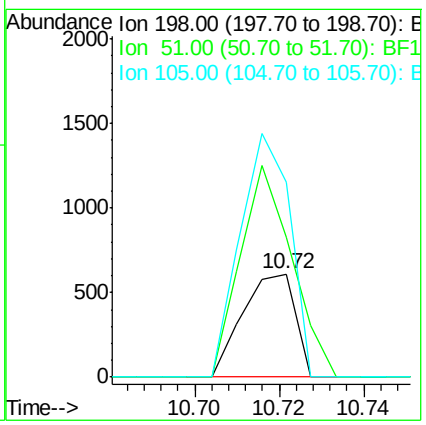


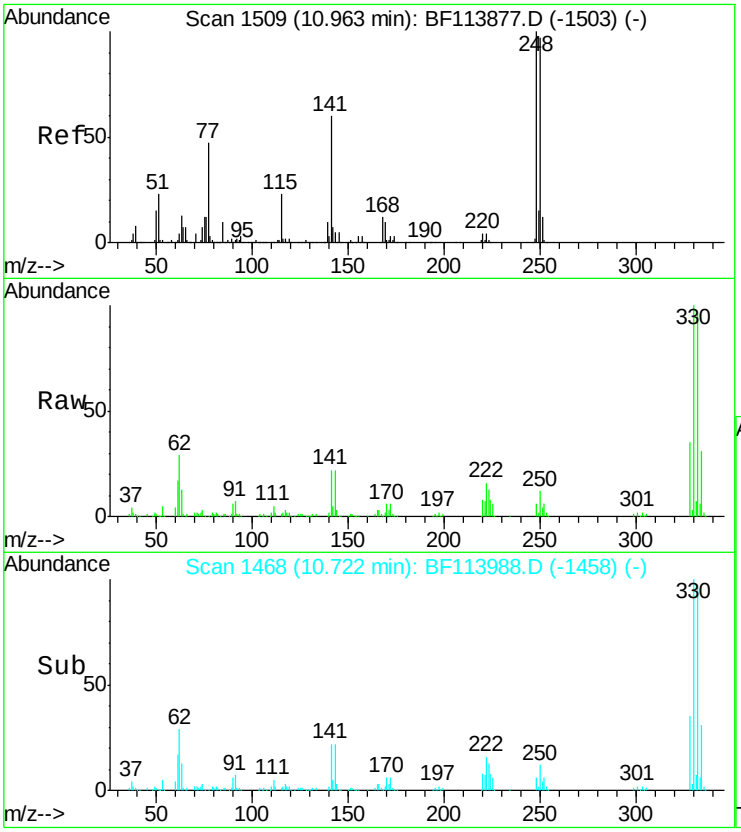


#65
4,6-Dinitro-2-methylphenol
Concen: 7.528 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Tgt Ion:198 Resp: 530

Ion	Ratio	Lower	Upper
198	100		
51	136.0	11.1	51.1#
105	189.3	20.7	60.7#



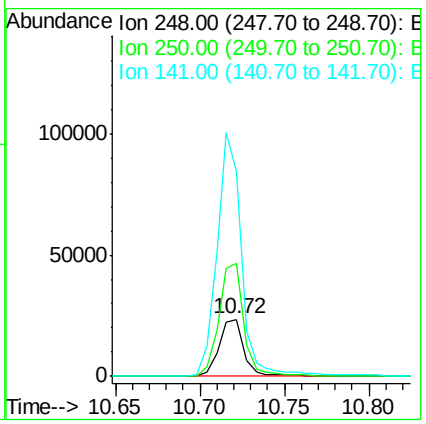


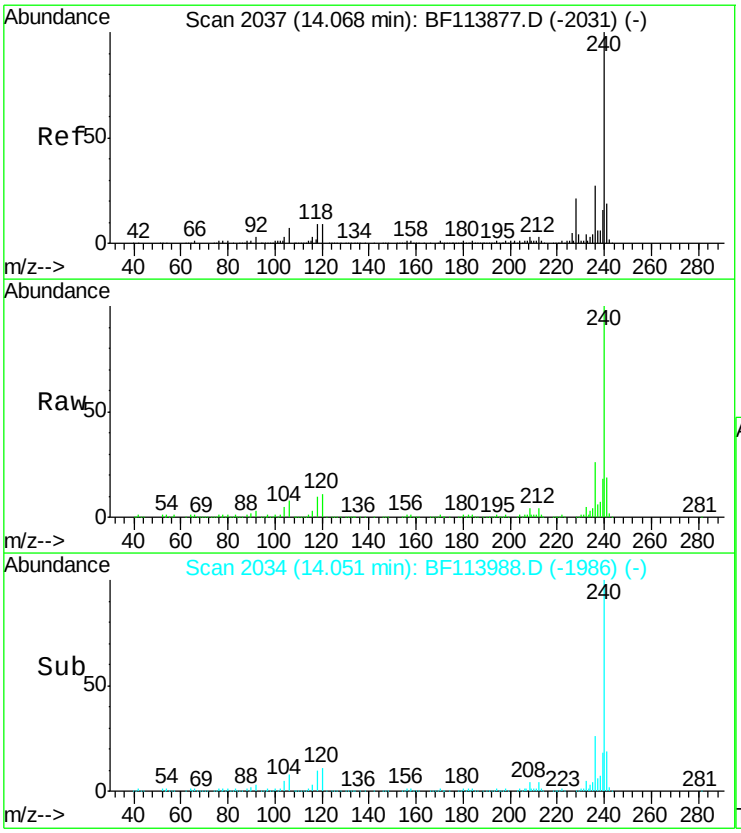
#67
4-Bromophenyl-phenylether
Concen: 4.446 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 23928

Ion	Ratio	Lower	Upper
248	100		
250	198.2	75.8	113.6#
141	362.0	50.2	75.4#

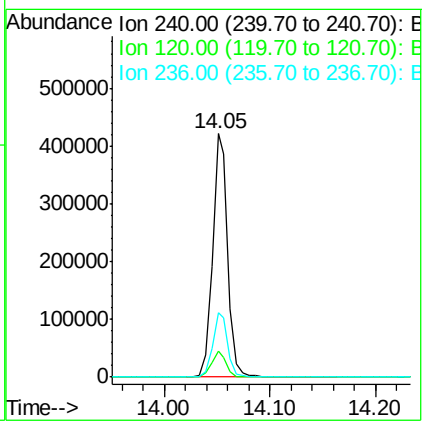


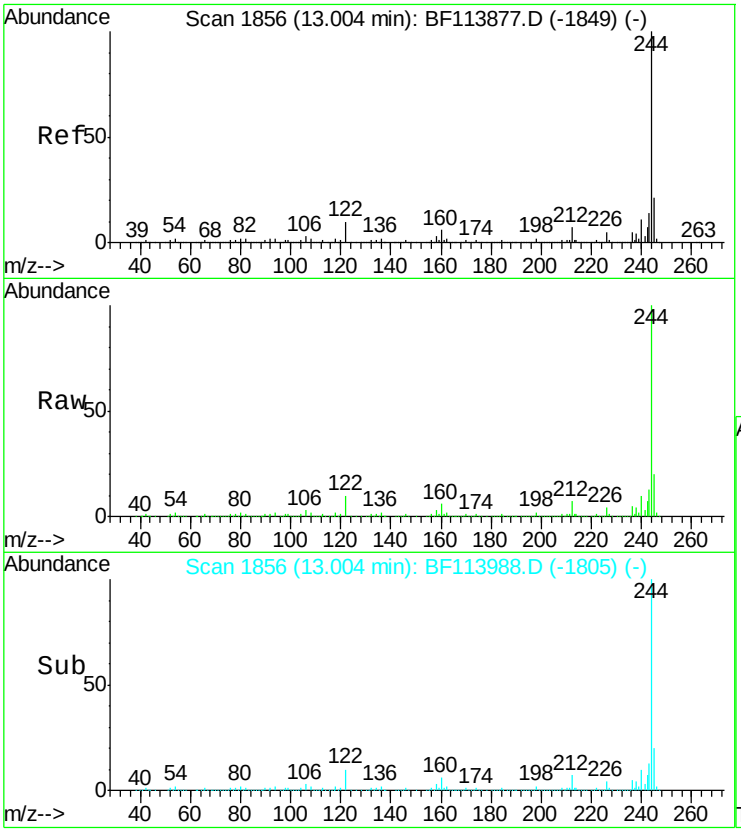


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Tgt Ion:240 Resp: 422875

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.3	13.9
236	26.2	21.2	31.8



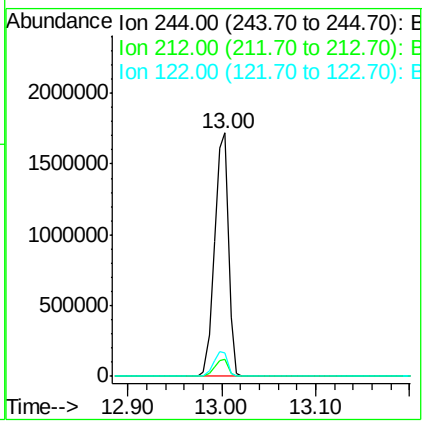


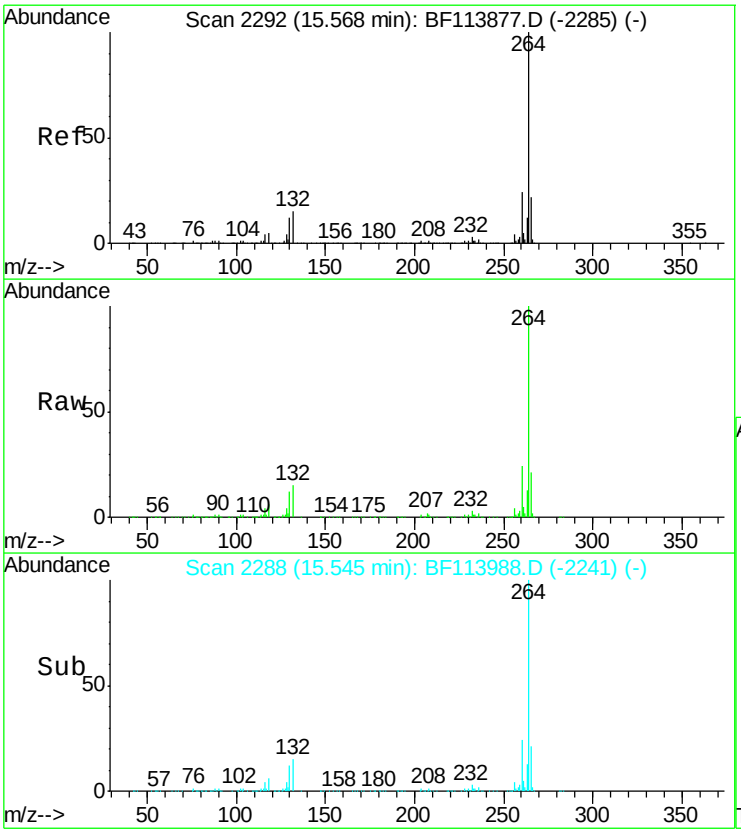
#79
Terphenyl-d14
Concen: 86.766 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1789701

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	9.5	7.6	11.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF113988.D
Acq: 25 Apr 2019 20:02

Tgt Ion:264 Resp: 433168

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.4	17.3	25.9