Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
Data File : BF115013.D
Acq On : 13 Jun 2019 20:30
Operator : HP/JU
Sample : K3345-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB_061119

Quant Time: Jun 14 03:49:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	260728	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	997104	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	473409	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	868732	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	590934	20.00	ng	-0.01
87) Perylene-d12	15.14	264	577554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	820697	52.56	ng	0.00
7) Phenol-d6	6.28	99	630048	33.45	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1415693	85.46	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	531545	104.85	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2605360	93.27	ng	0.00
79) Terphenyl-d14	12.73	244	2514925	80.05	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.42	77	33728	Below Cal		# 75
19) n-Nitroso-di-n-propylamine	7.21	70	185215	16.185	ng	# 78
25) Isophorone	7.21	82	1384801	44.634	ng	# 62
50) Dimethylphthalate	9.67	163	134056	3.765	ng	# 1
51) 2,6-Dinitrotoluene	9.67	165	60257	7.461	ng	# 37
57) 2,4-Dinitrotoluene	9.67	165	60257	5.862	ng	# 29
58) Fluorene	10.46	166	24290	Below Cal		# 91
67) 4-Bromophenyl-phenylether	10.46	248	35359	3.791	ng	# 1

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

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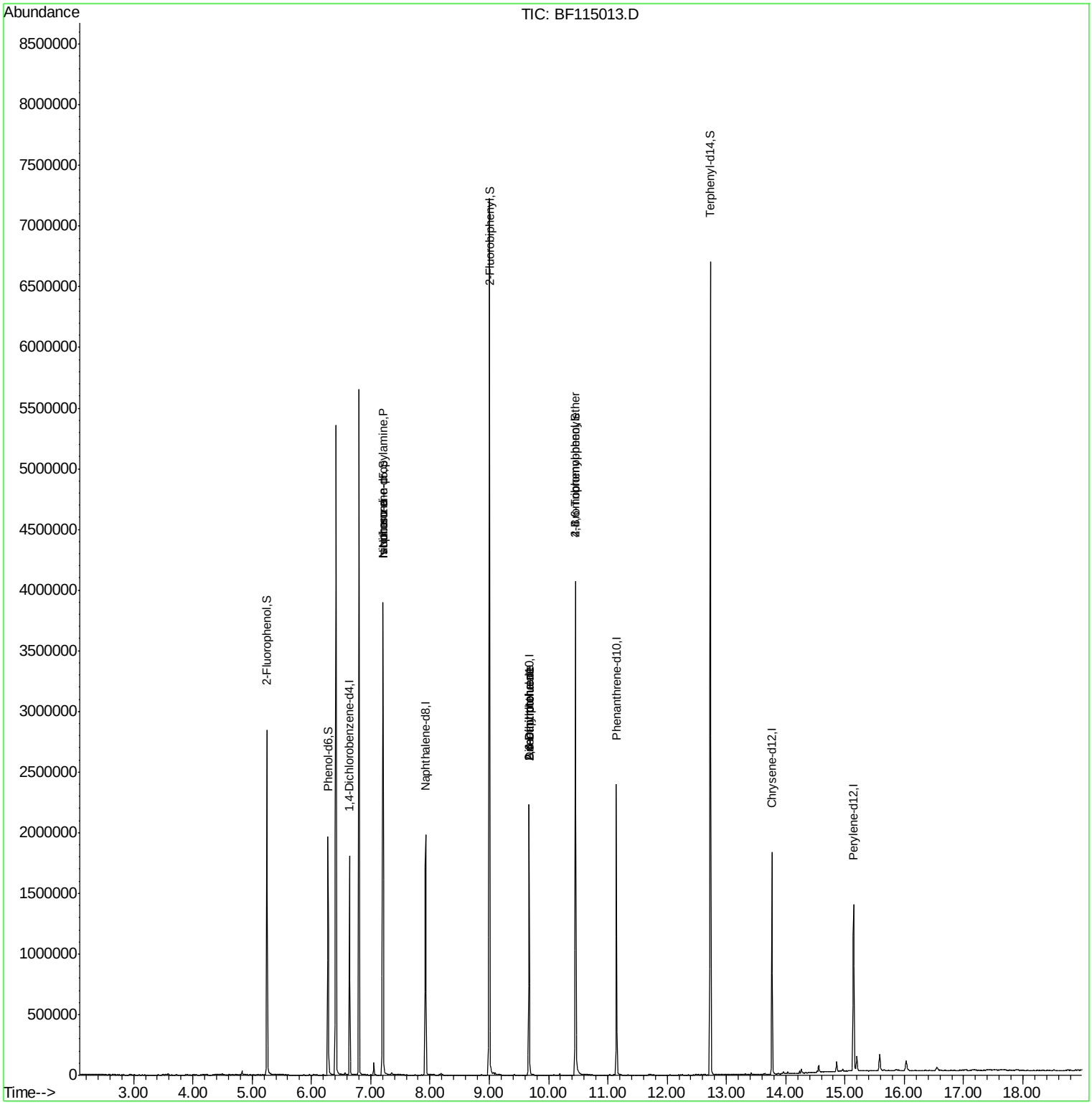
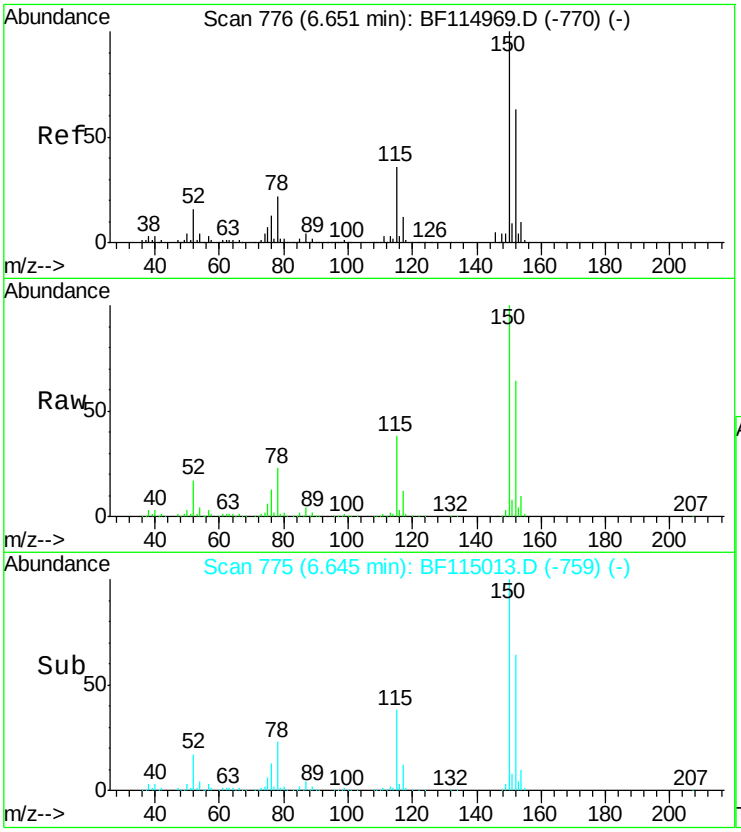


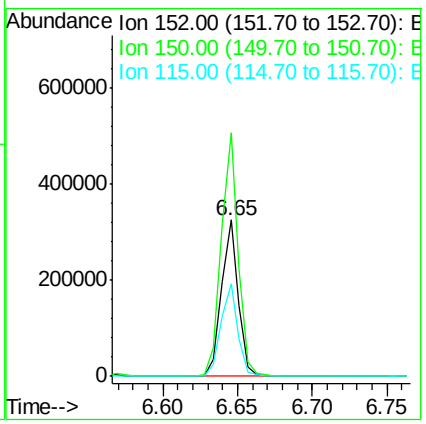


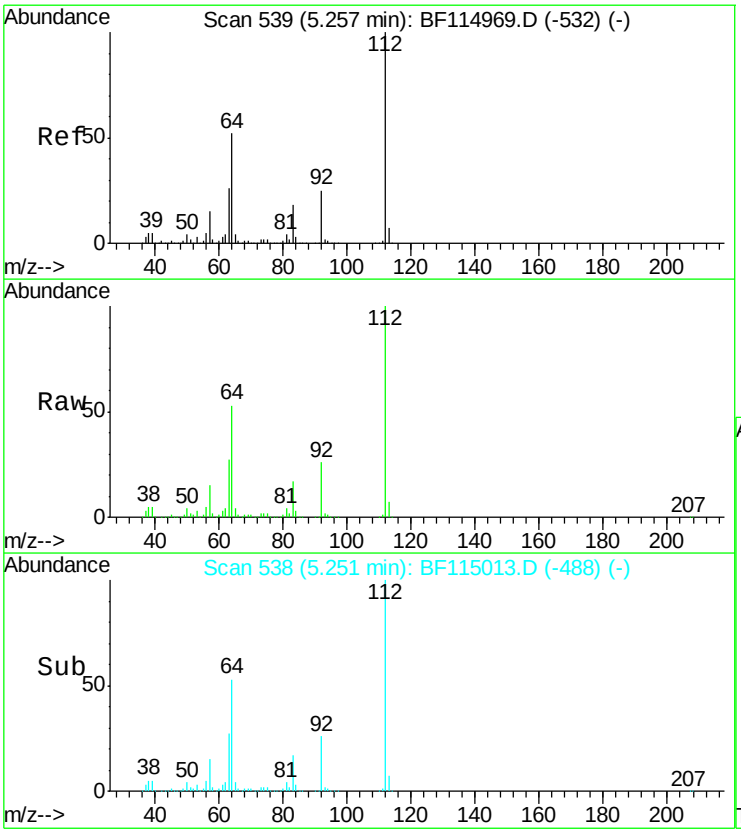
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Instrument :
BNA_F
ClientSampleId :
FB_061119

Tgt Ion:152 Resp: 260728

Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.4	191.0
115	58.9	46.0	69.0

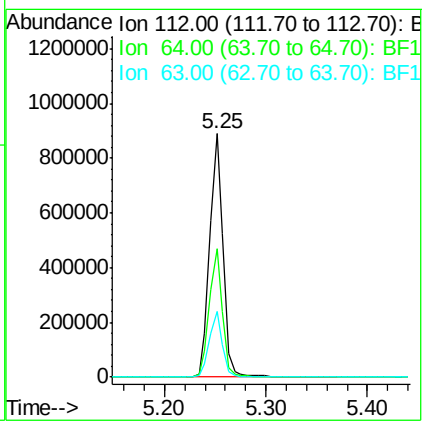


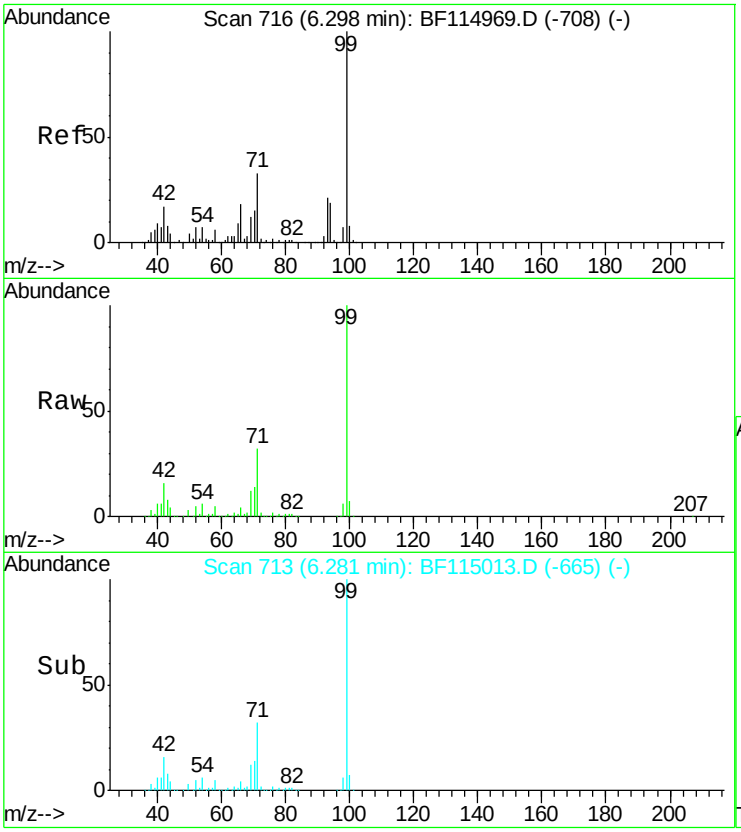


#5
2-Fluorophenol
Concen: 52.560 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Tgt Ion:112 Resp: 820697

Ion	Ratio	Lower	Upper
112	100		
64	52.6	41.6	62.4
63	27.1	20.9	31.3



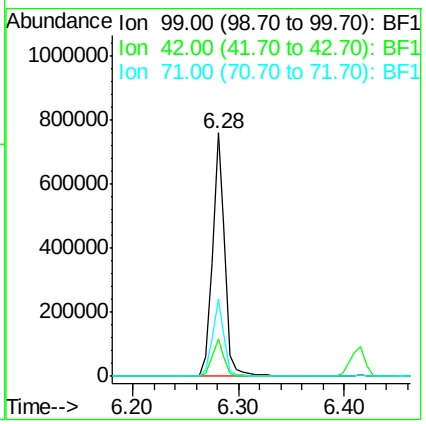


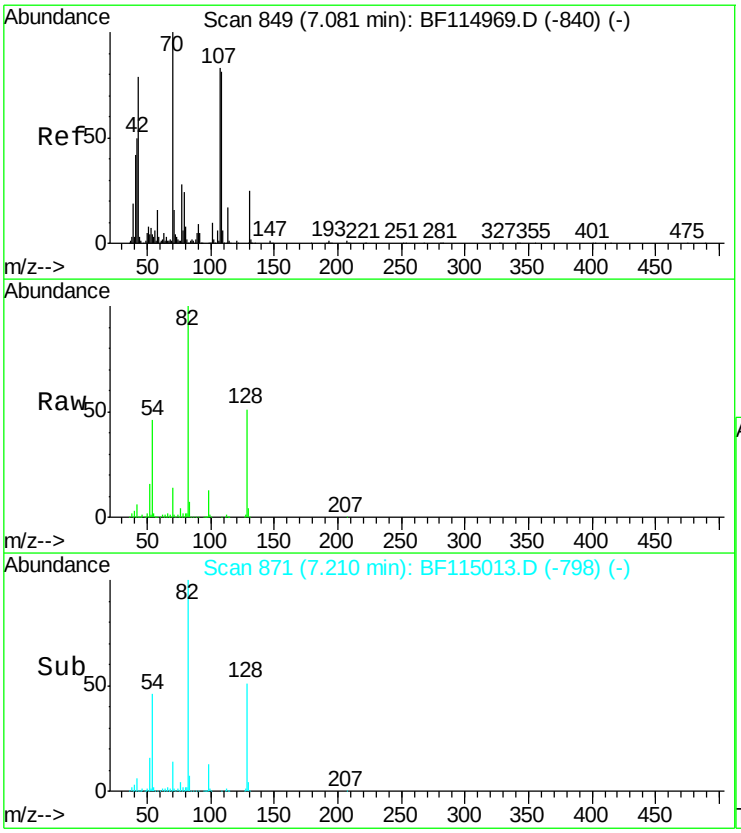
#7
Phenol-d6
Concen: 33.450 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.02 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Instrument :
BNA_F
ClientSampleId :
FB_061119

Tgt Ion: 99 Resp: 630048

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.4	20.2
71	31.9	26.4	39.6

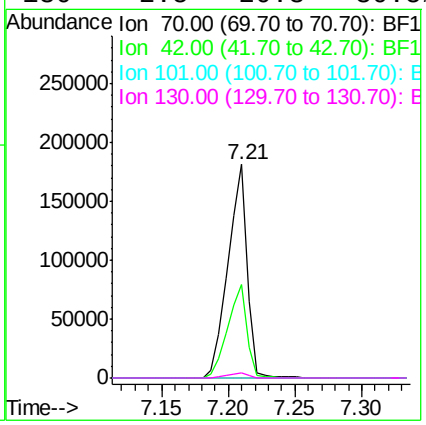


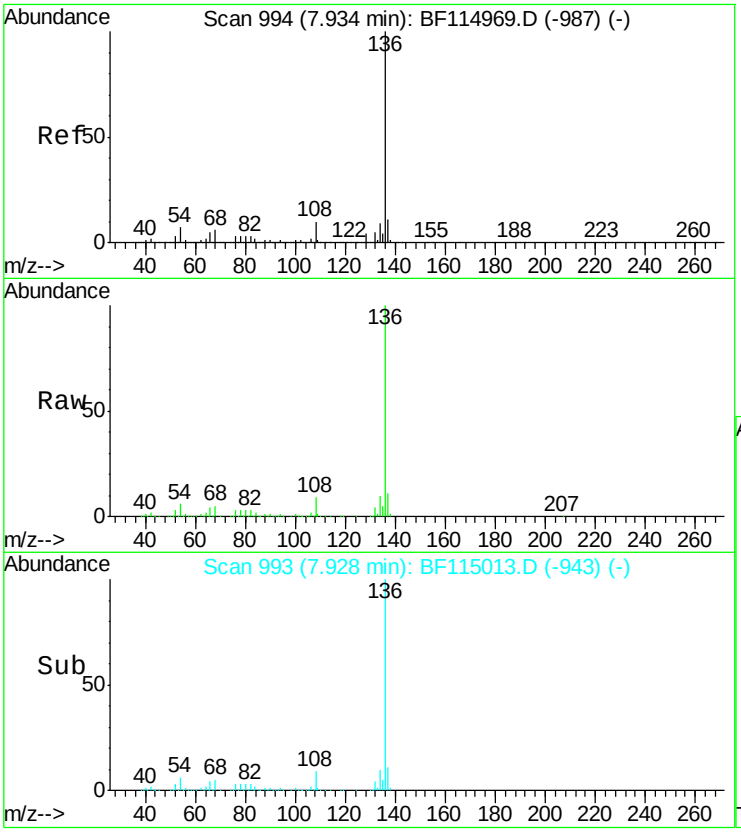


#19
n-Nitroso-di-n-propylamine
Concen: 16.185 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.13 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Tgt Ion: 70 Resp: 185215

Ion	Ratio	Lower	Upper
70	100		
42	43.7	40.3	60.5
101	0.0	8.2	12.4#
130	2.5	20.3	30.5#



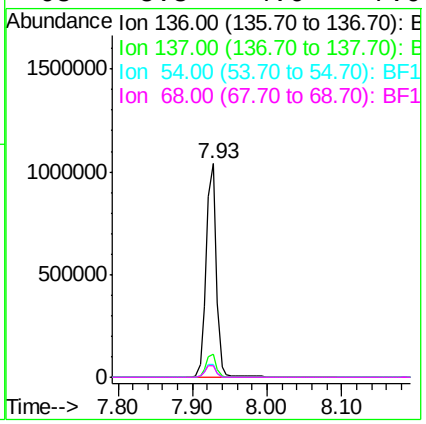


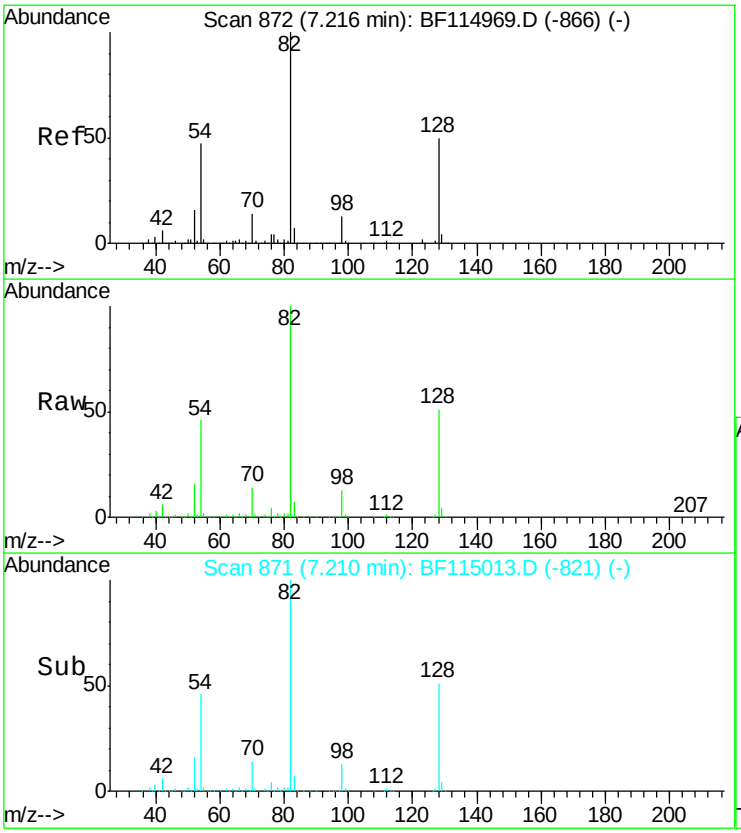
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Instrument :
BNA_F
ClientSampleId :
FB_061119

Tgt Ion:136 Resp: 997104

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.1	5.4	8.0
68	5.3	4.6	7.0

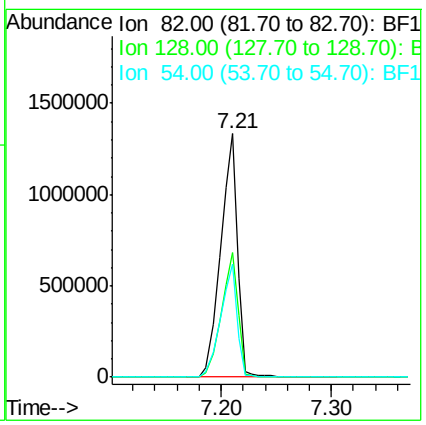


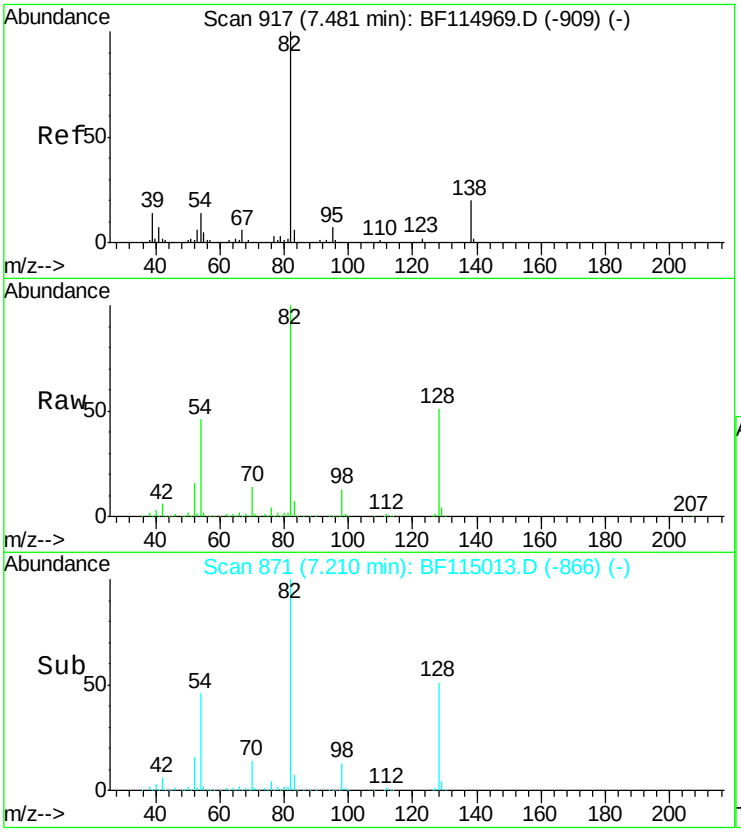


#23
Nitrobenzene-d5
Concen: 85.461 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Tgt Ion: 82 Resp: 1415693

Ion	Ratio	Lower	Upper
82	100		
128	51.1	39.9	59.9
54	46.4	37.3	55.9



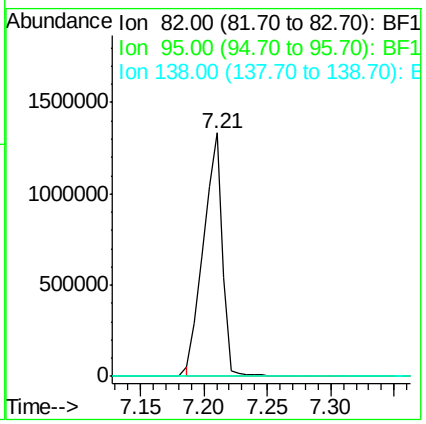


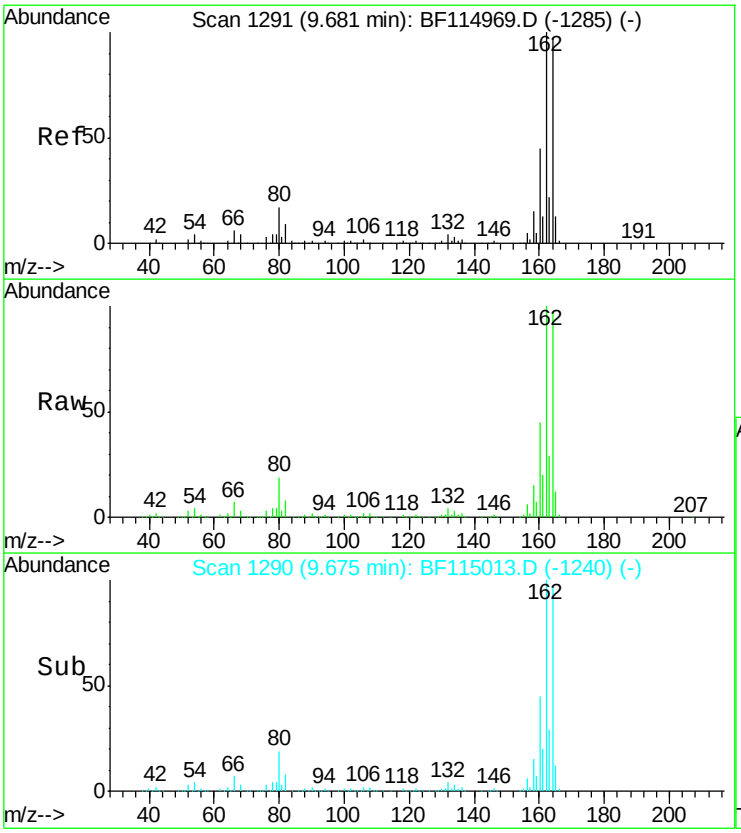
#25
Isophorone
Concen: 44.634 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.27 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Instrument :
BNA_F
ClientSampleId :
FB_061119

Tgt Ion: 82 Resp: 1384801

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	16.1	24.1#

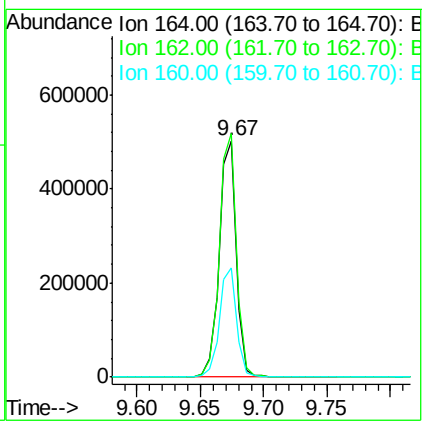


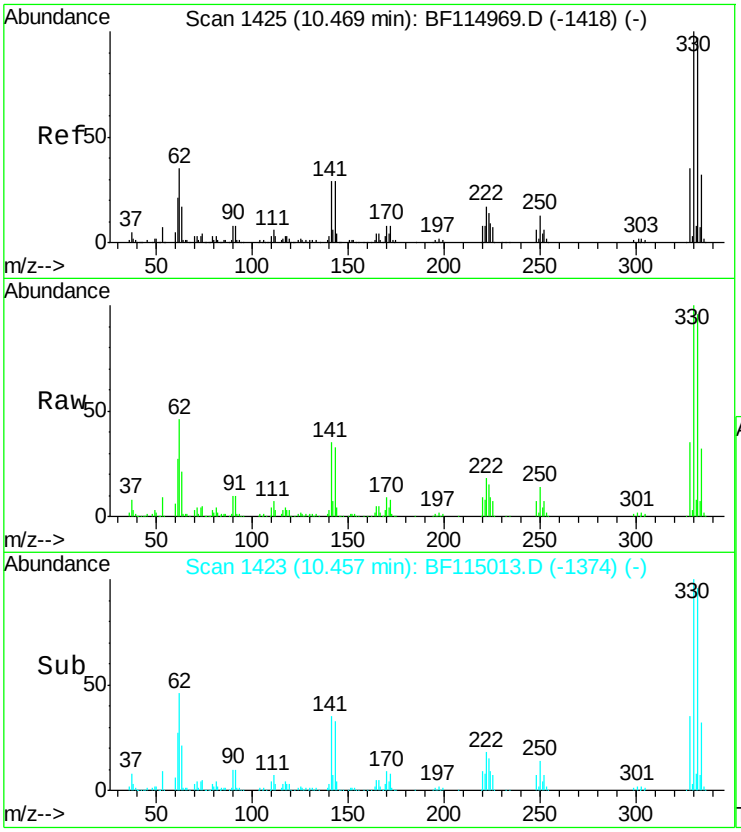


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Tgt Ion:164 Resp: 473409

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	124.0
160	46.0	36.9	55.3



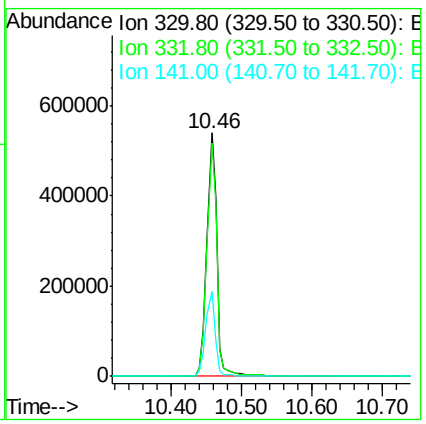


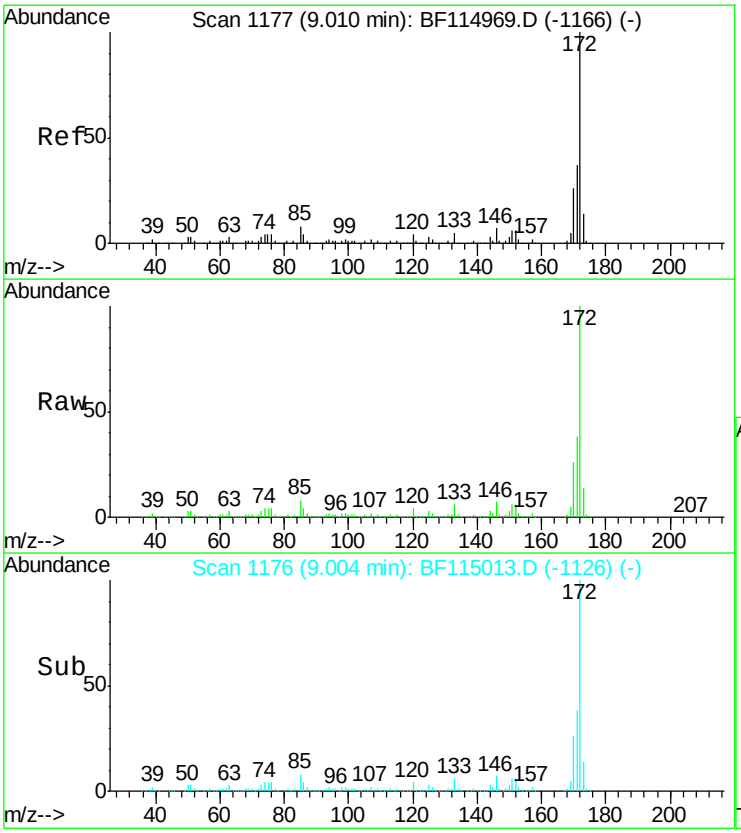
#42
2,4,6-Tribromophenol
Concen: 104.850 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Instrument :
BNA_F
ClientSampleId :
FB_061119

Tgt Ion:330 Resp: 531545

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	33.6	27.2	40.8

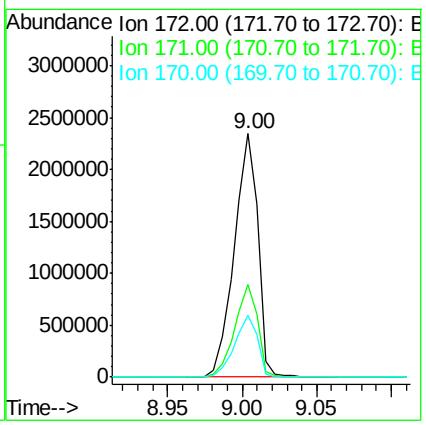


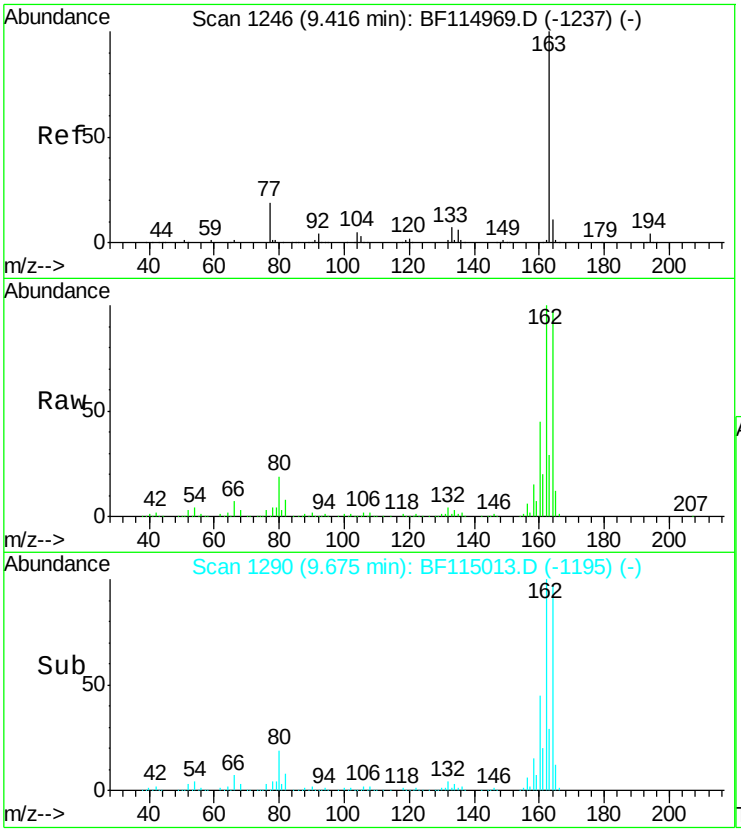


#45
2-Fluorobiphenyl
Concen: 93.274 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Tgt Ion:172 Resp: 2605360

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	25.7	20.6	31.0



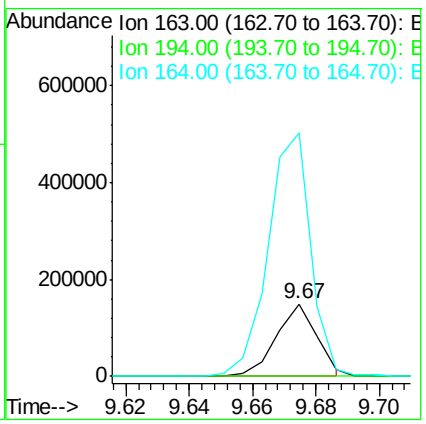


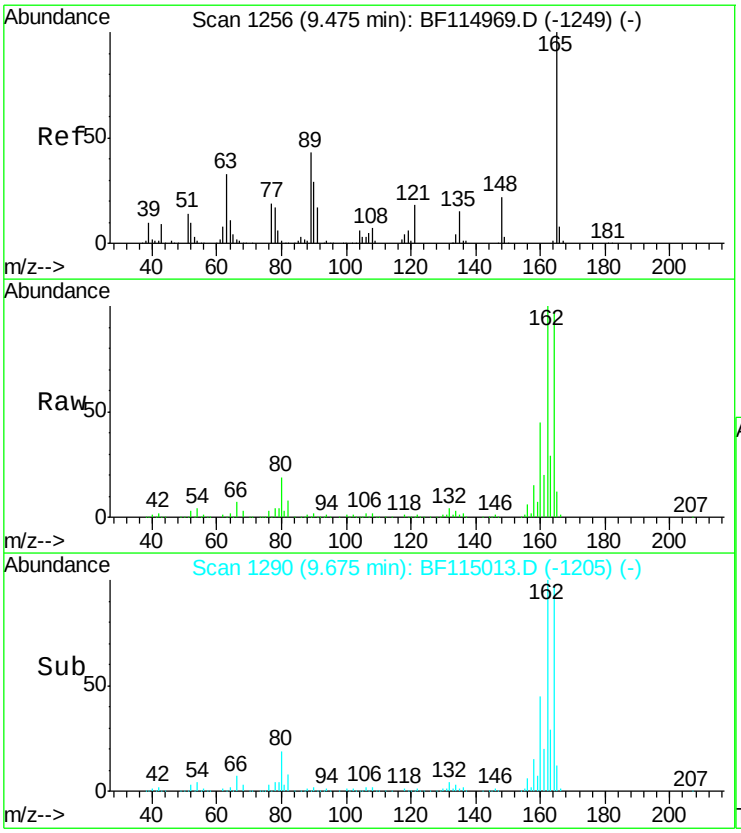
#50
Dimethylphthalate
Concen: 3.765 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.26 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Instrument :
BNA_F
ClientSampleId :
FB_061119

Tgt Ion:163 Resp: 134056

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	336.2	8.6	12.8#

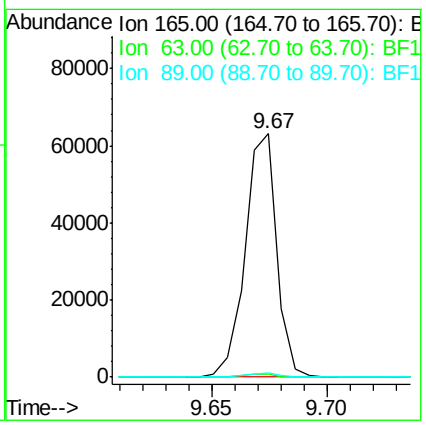


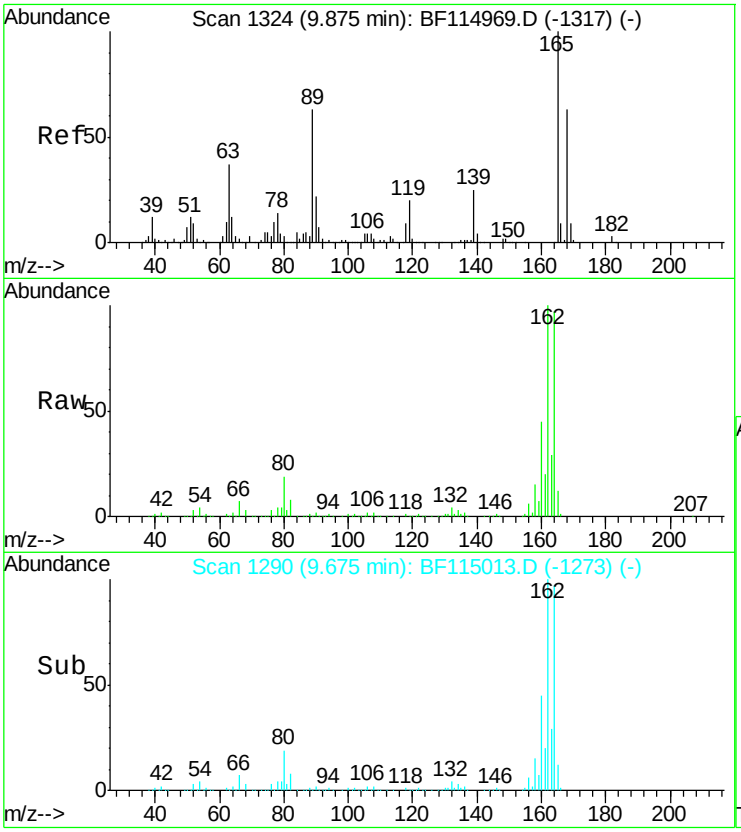


#51
2,6-Dinitrotoluene
Concen: 7.461 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.20 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Tgt Ion:165 Resp: 60257

Ion	Ratio	Lower	Upper
165	100		
63	1.0	30.6	46.0#
89	1.6	34.4	51.6#



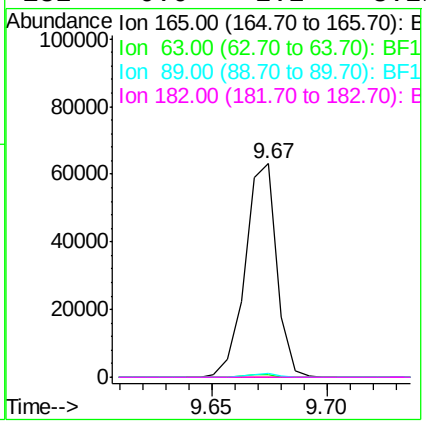


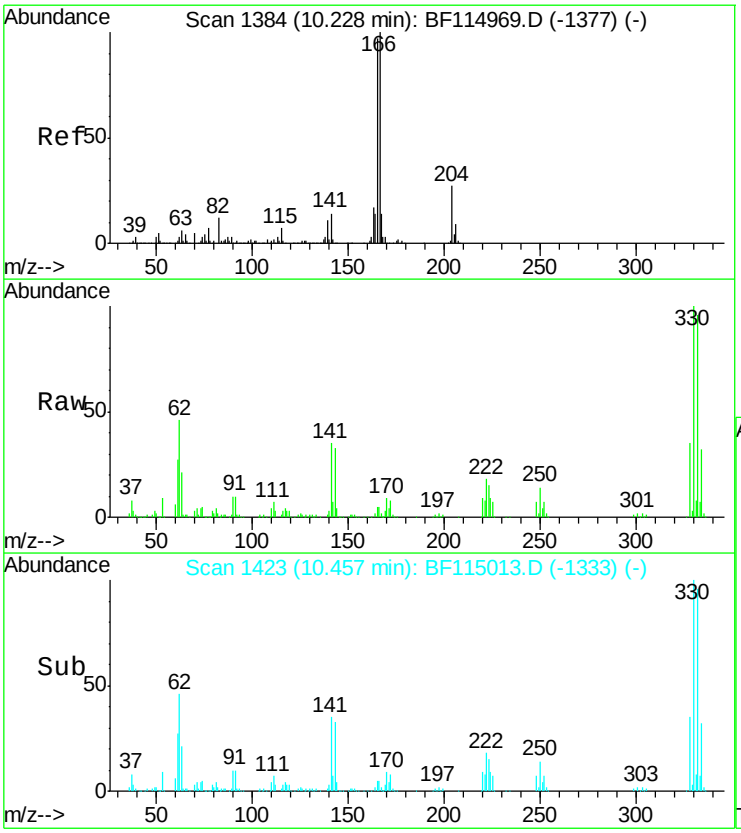
#57
2,4-Dinitrotoluene
Concen: 5.862 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Instrument :
BNA_F
ClientSampleId :
FB_061119

Tgt Ion:165 Resp: 60257

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
89	1.6	50.6	75.8#
182	0.0	2.2	3.2#

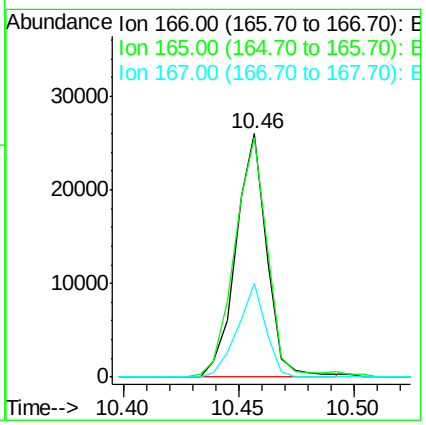


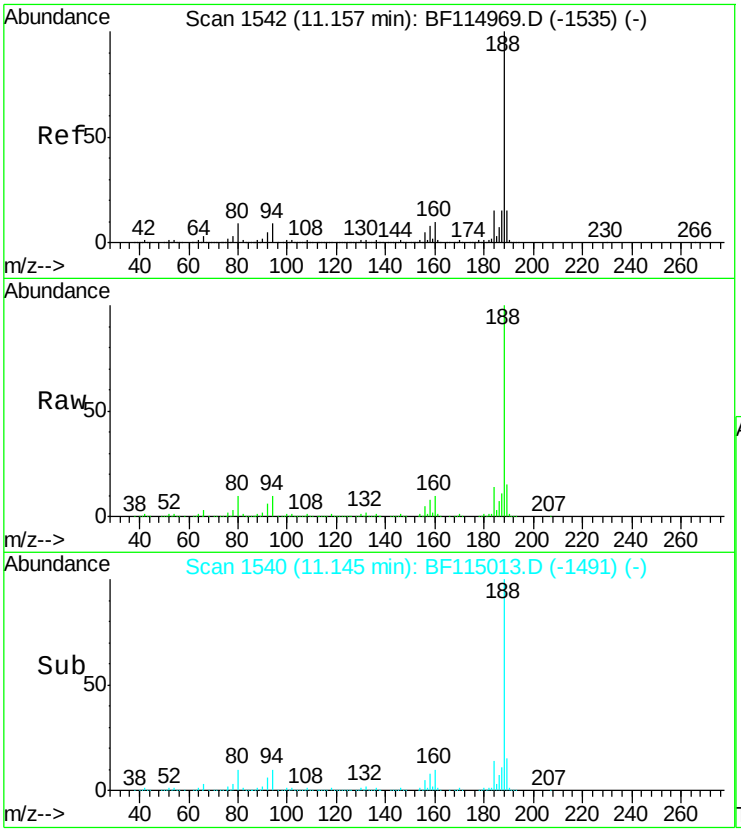


#58
Fluorene
Concen: Below Cal
RT: 10.46 min Scan# 1423
Delta R.T. 0.23 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Tgt Ion:166 Resp: 24290

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.6	116.4
167	38.4	11.0	16.4#



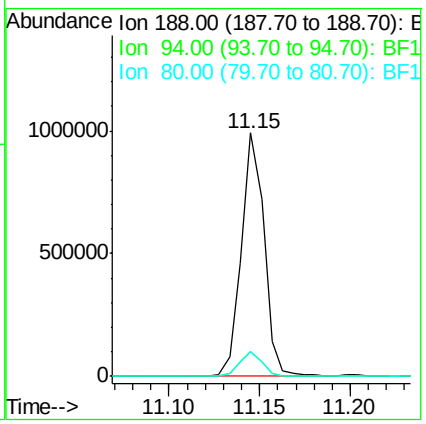


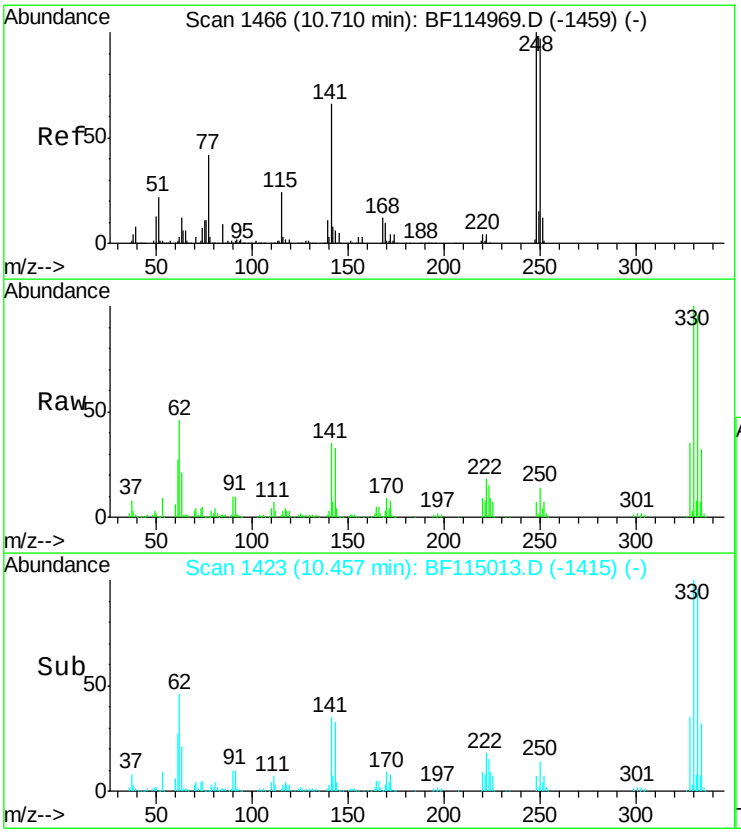
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Instrument :
BNA_F
ClientSampleId :
FB_061119

Tgt Ion:188 Resp: 868732

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.2	10.8
80	10.2	7.4	11.2

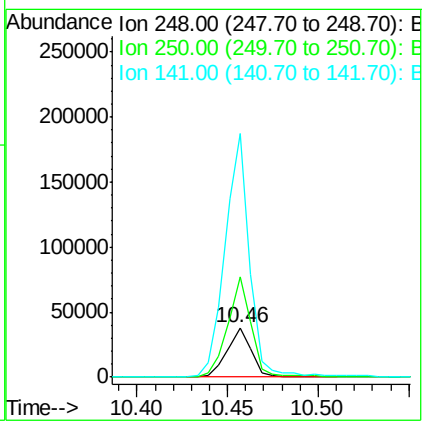


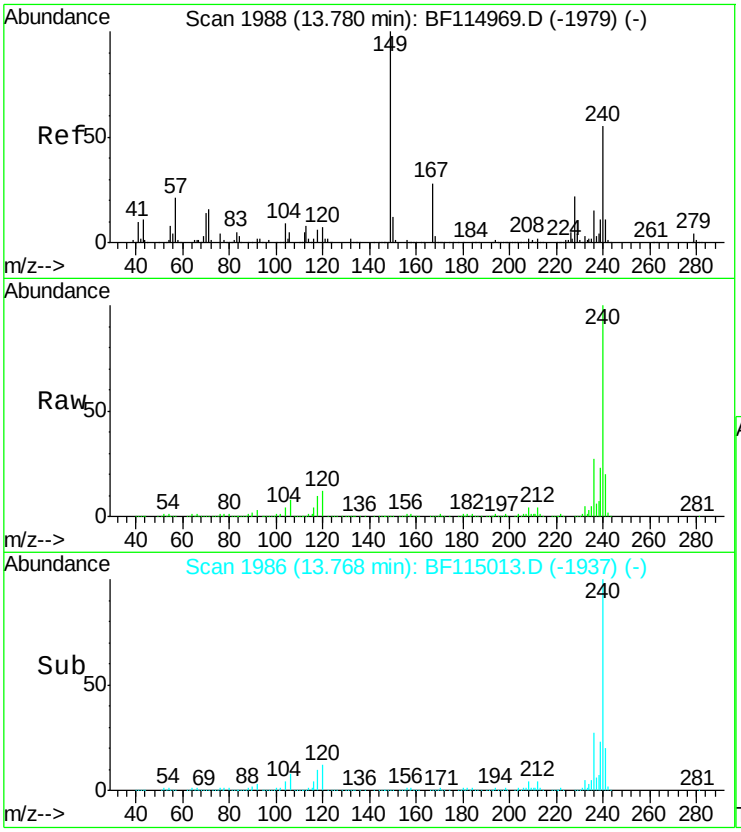


#67
4-Bromophenyl-phenylether
Concen: 3.791 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Tgt Ion:248 Resp: 35359

Ion	Ratio	Lower	Upper
248	100		
250	204.2	77.8	116.8#
141	496.6	53.1	79.7#



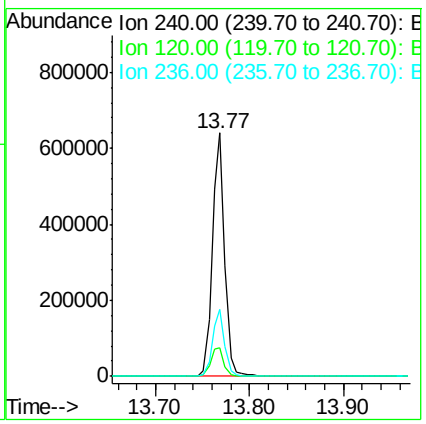


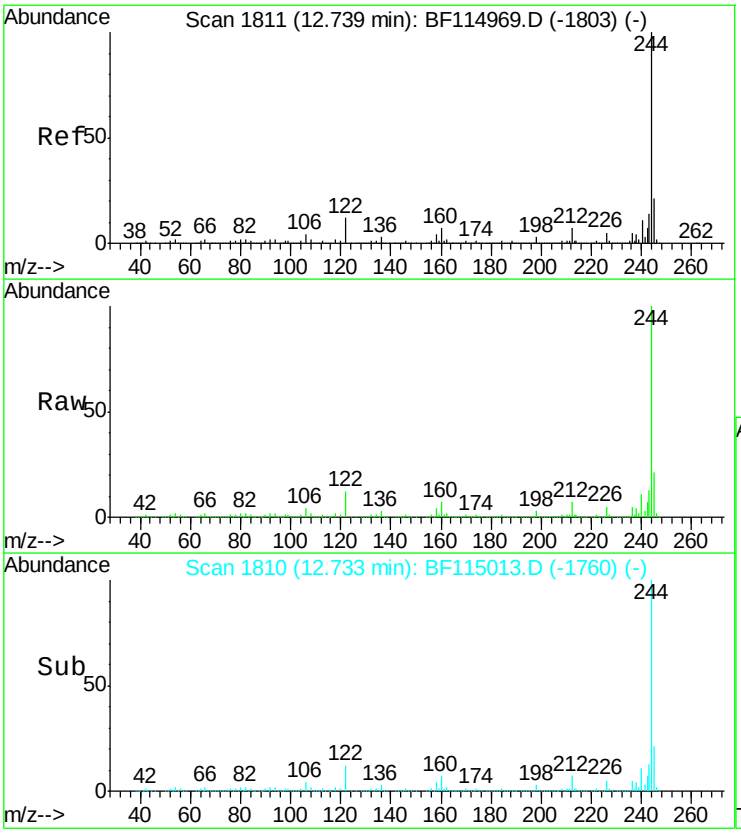
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Instrument :
BNA_F
ClientSampleId :
FB_061119

Tgt Ion:240 Resp: 590934

Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.0	15.0
236	27.3	21.6	32.4

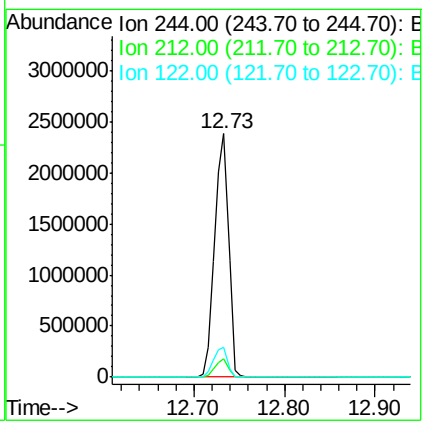


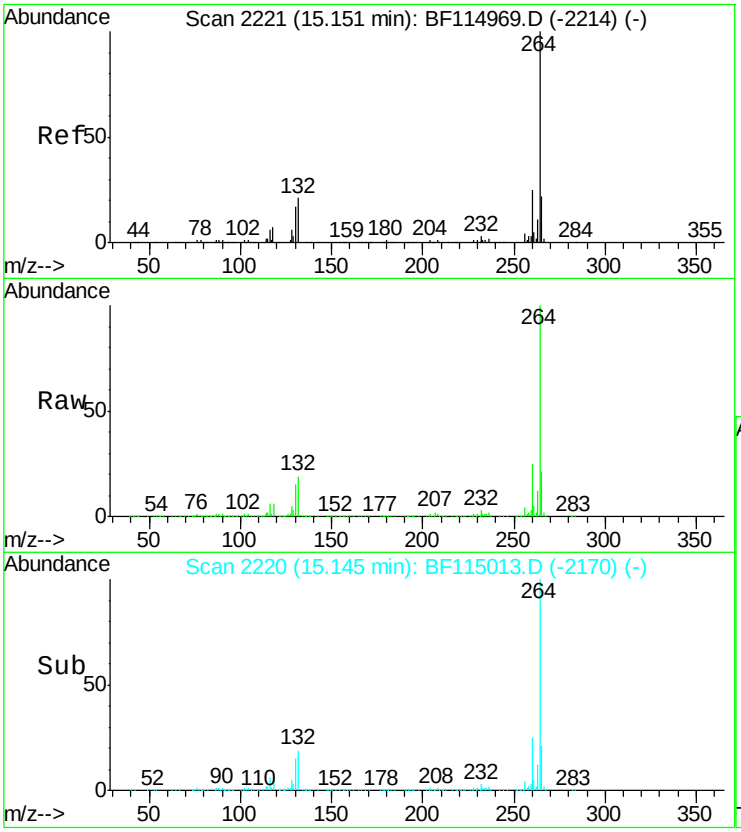


#79
Terphenyl-d14
Concen: 80.047 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Tgt Ion:244 Resp: 2514925

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.0	9.4	14.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Instrument :
BNA_F
ClientSampleId :
FB_061119

Tgt Ion:264 Resp: 577554

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	21.2	17.6	26.4