Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115030.D
Acq On : 14 Jun 2019 10:57
Operator : HP/JU
Sample : PB120585BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 14 15:39:42 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	286063	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1130867	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	555541	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1142296	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	913828	20.00	ng	-0.01
87) Perylene-d12	15.14	264	933489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1776579	103.70	ng	0.00
7) Phenol-d6	6.29	99	2217161	107.29	ng	0.00
23) Nitrobenzene-d5	7.21	82	1327226	70.64	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	641272	107.79	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2535066	77.34	ng	0.00
79) Terphenyl-d14	12.73	244	2867719	59.02	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.29	77	2893	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	174328	13.884	ng	# 76
25) Isophorone	7.21	82	1290533	36.675	ng	# 62
50) Dimethylphthalate	9.67	163	156398	3.743	ng	# 1
51) 2,6-Dinitrotoluene	9.67	165	72739	7.675	ng	# 36
57) 2,4-Dinitrotoluene	9.67	165	72739	6.030	ng	# 29
58) Fluorene	10.46	166	28059	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.46	248	41443	3.379	ng	# 1

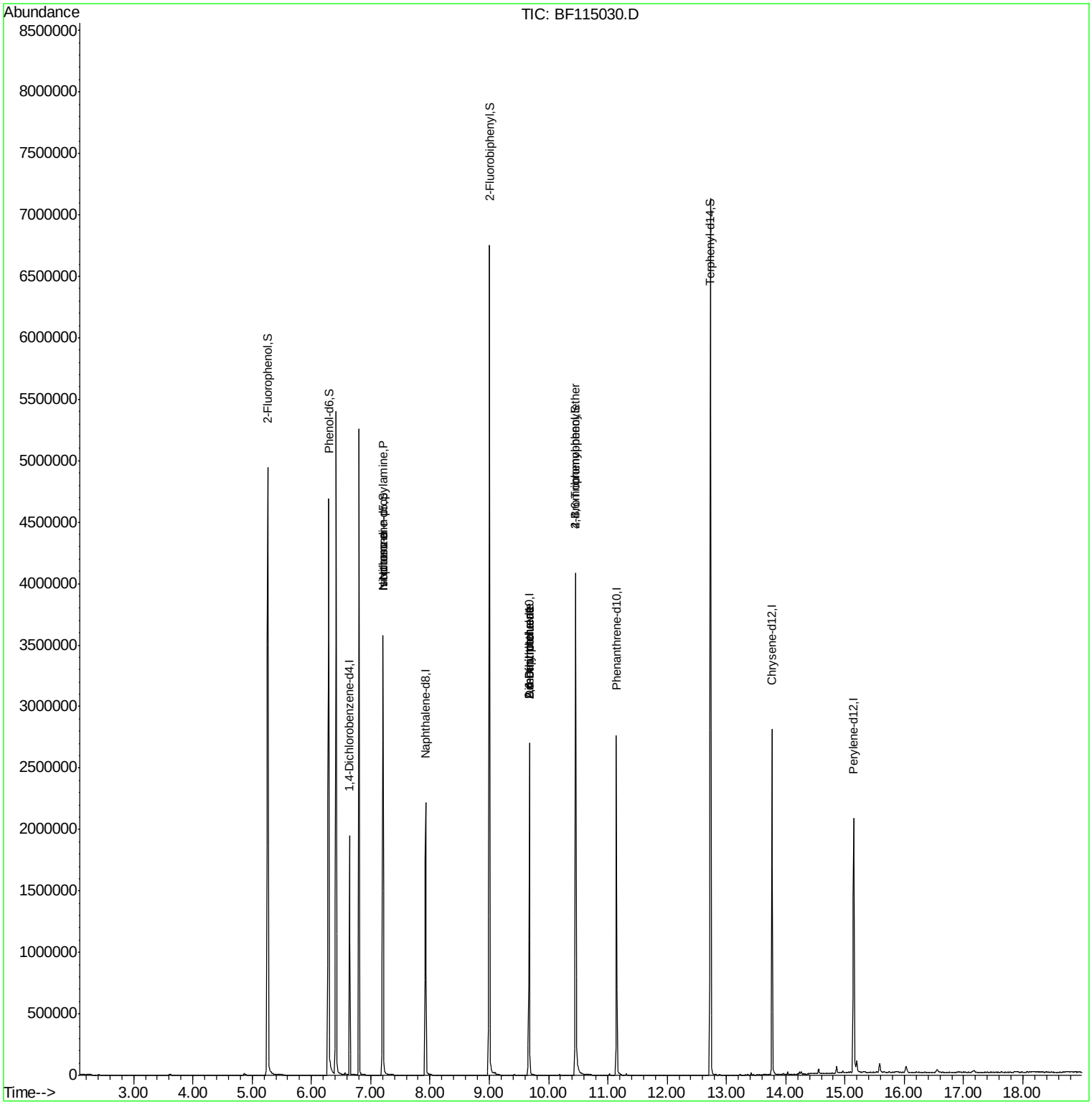
(#) = qualifier out of range (m) = manual integration (+) = signals summed

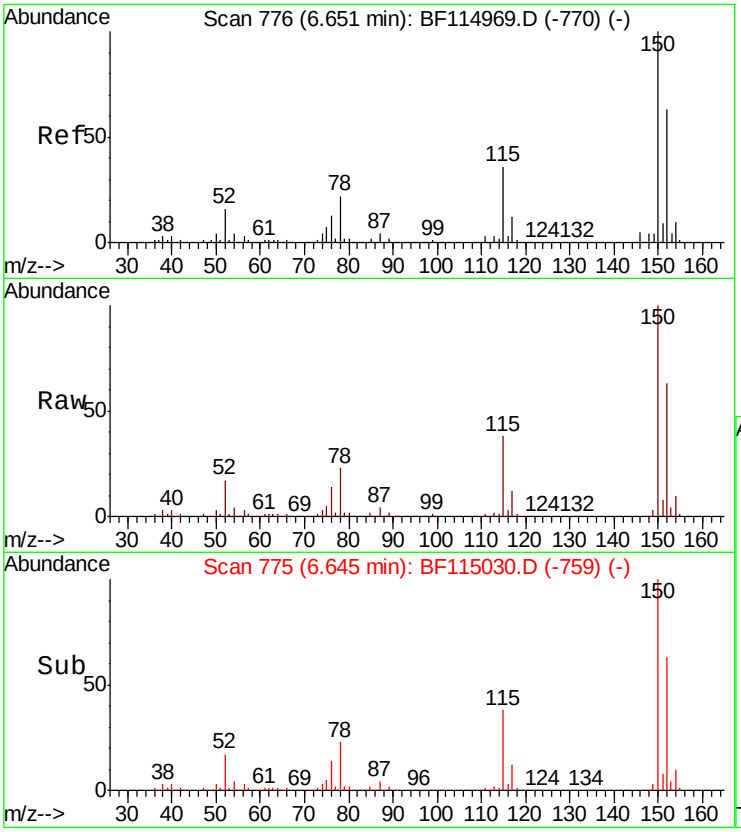
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115030.D
Acq On : 14 Jun 2019 10:57
Operator : HP/JU
Sample : PB120585BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 14 15:39:42 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



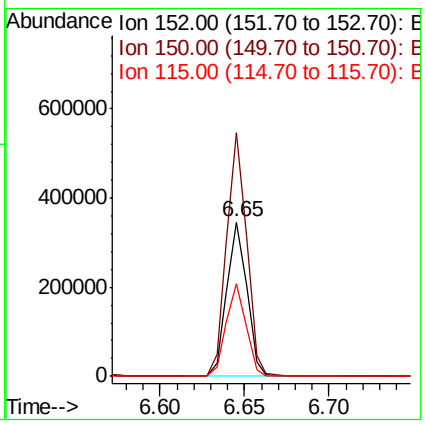


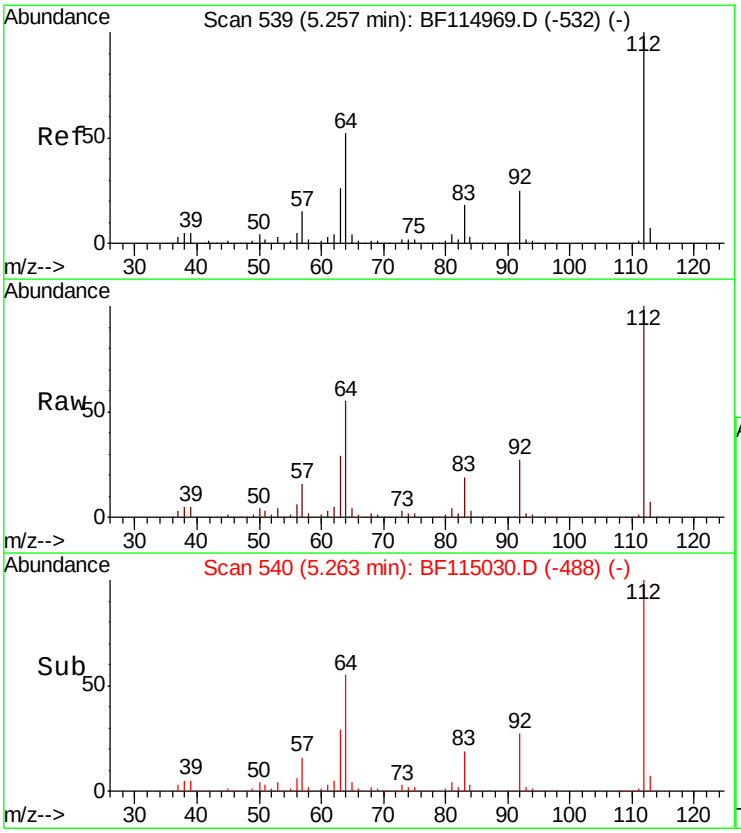
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 286063

Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.4	191.0
115	60.2	46.0	69.0

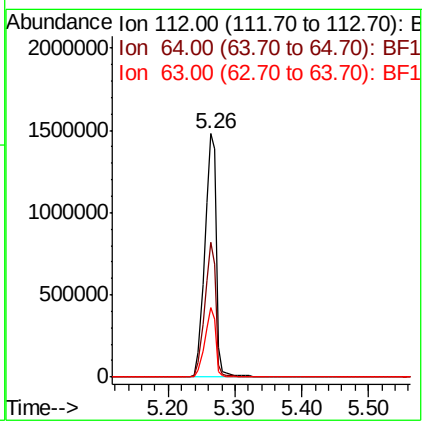


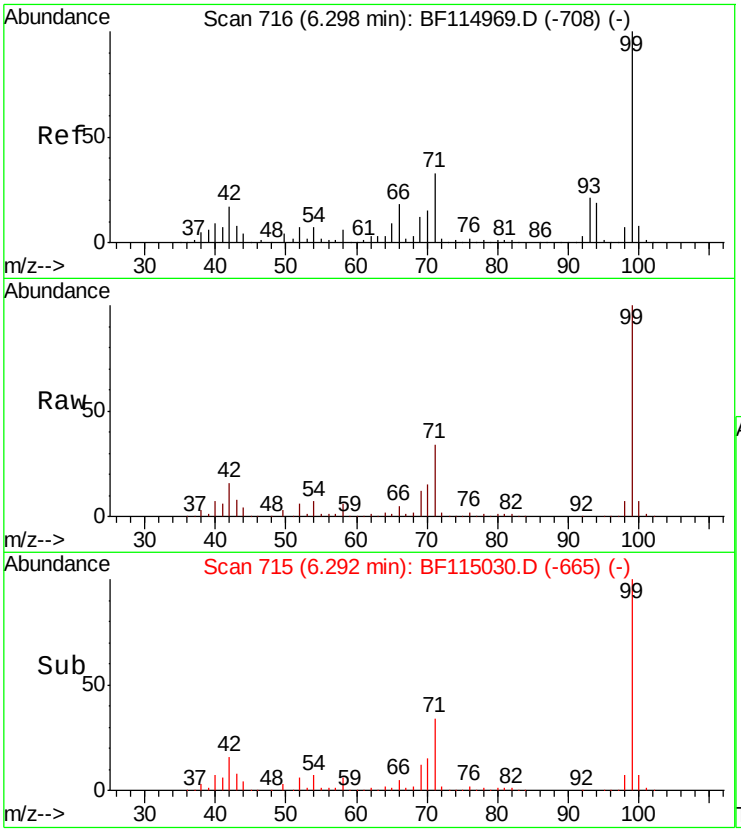


#5
2-Fluorophenol
Concen: 103.701 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Tgt Ion:112 Resp: 1776579

Ion	Ratio	Lower	Upper
112	100		
64	55.3	41.6	62.4
63	28.6	20.9	31.3



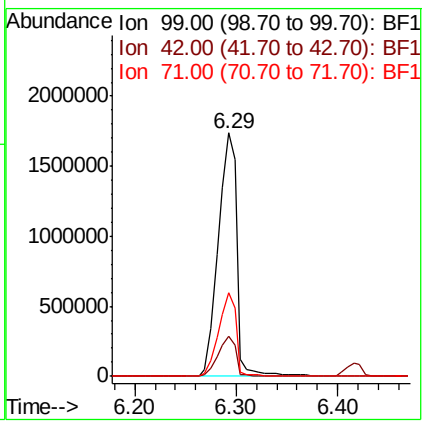


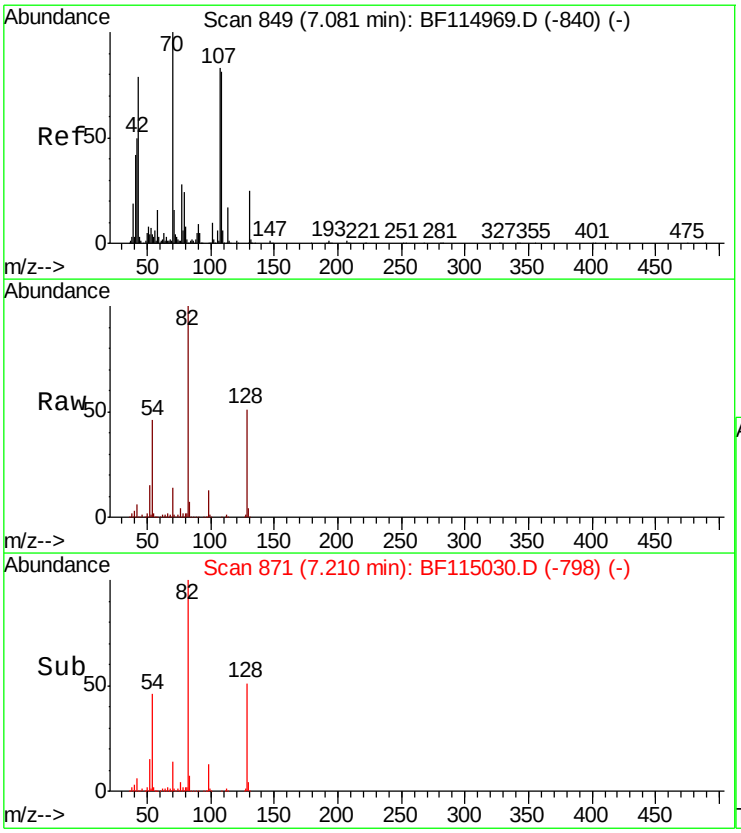
#7
Phenol-d6
Concen: 107.287 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2217161

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.2
71	34.3	26.4	39.6

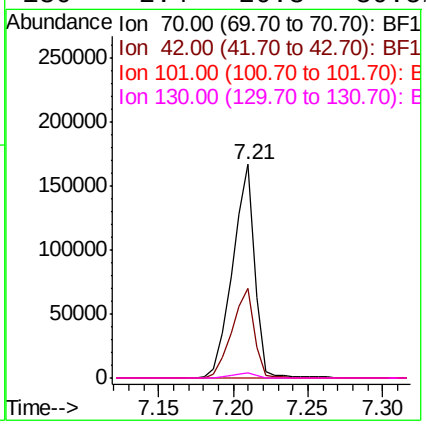


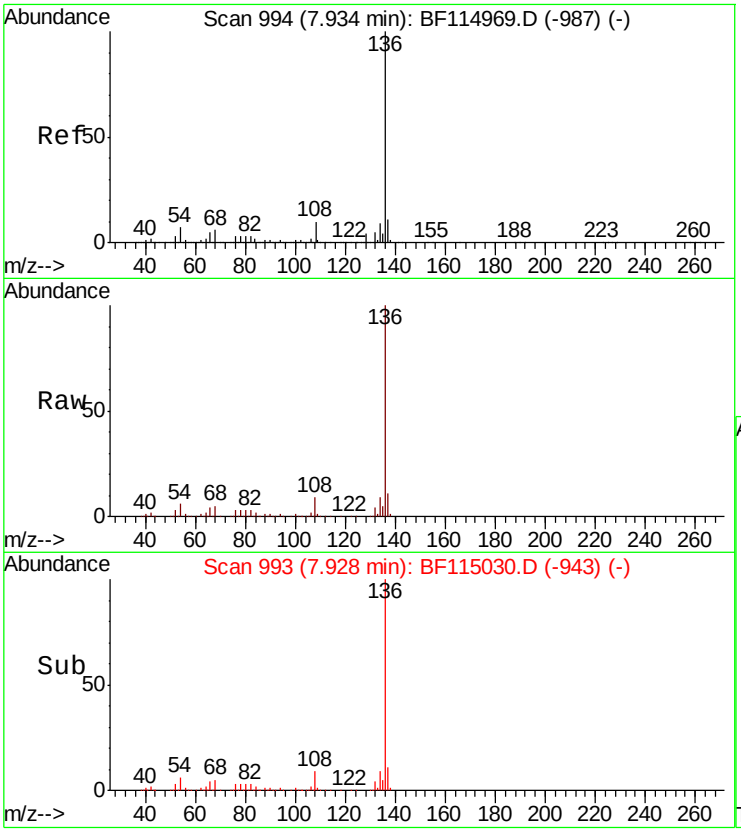


#19
n-Nitroso-di-n-propylamine
Concen: 13.884 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.13 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Tgt Ion: 70 Resp: 174328

Ion	Ratio	Lower	Upper
70	100		
42	42.0	40.3	60.5
101	0.0	8.2	12.4#
130	2.4	20.3	30.5#



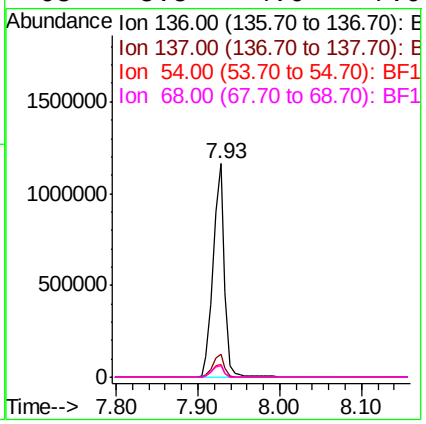


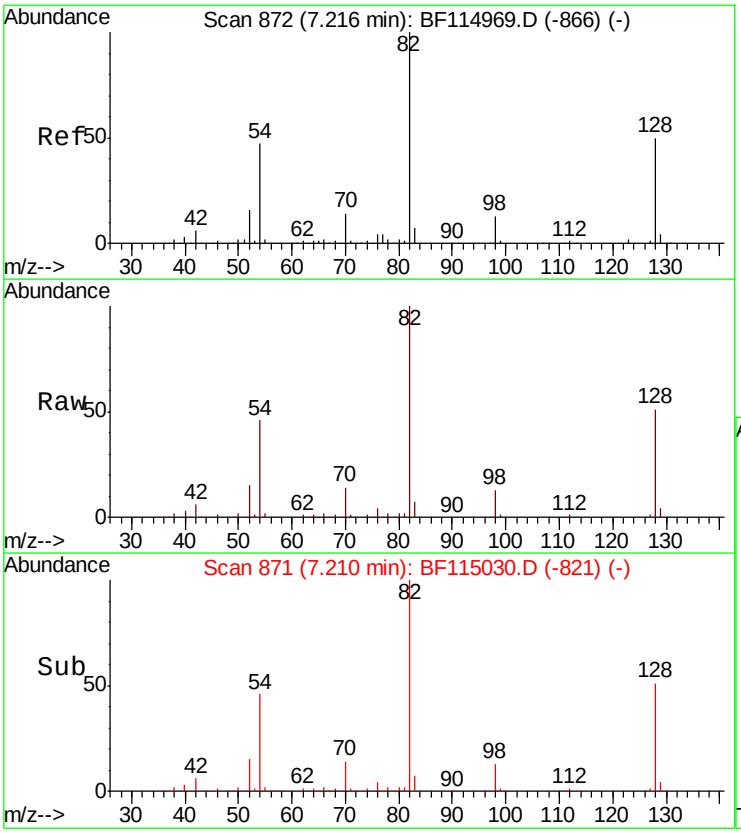
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1130867

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.3	5.4	8.0
68	5.5	4.6	7.0

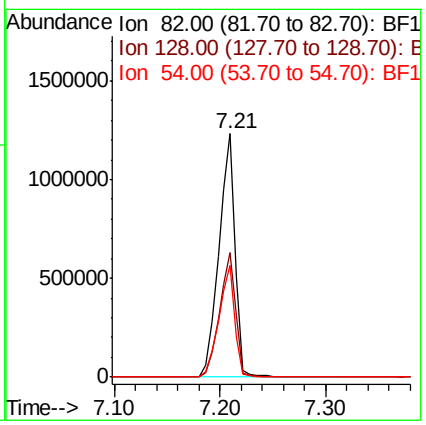


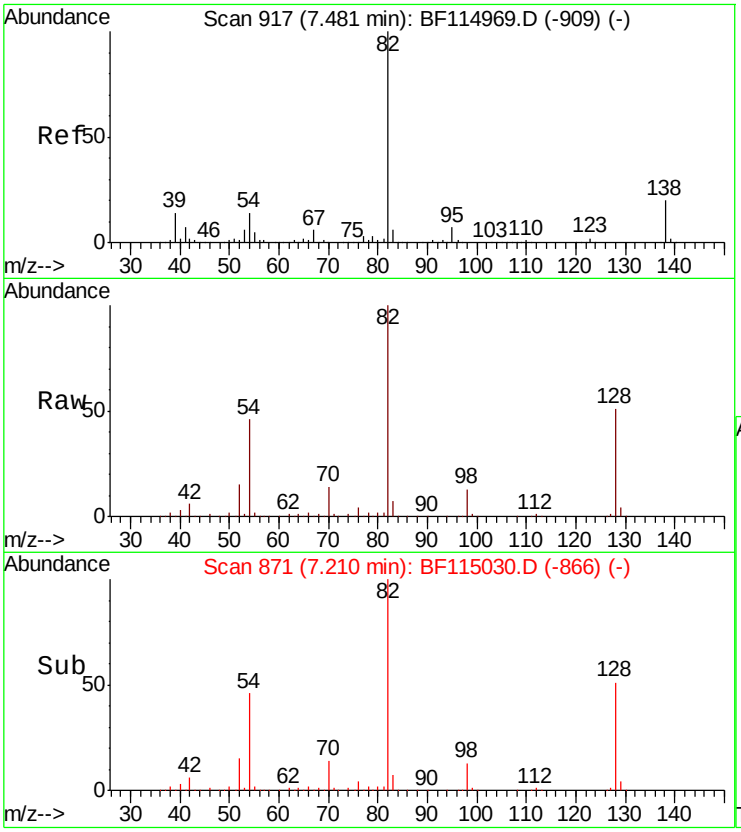


#23
Nitrobenzene-d5
Concen: 70.644 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Tgt Ion: 82 Resp: 1327226

Ion	Ratio	Lower	Upper
82	100		
128	51.4	39.9	59.9
54	45.9	37.3	55.9



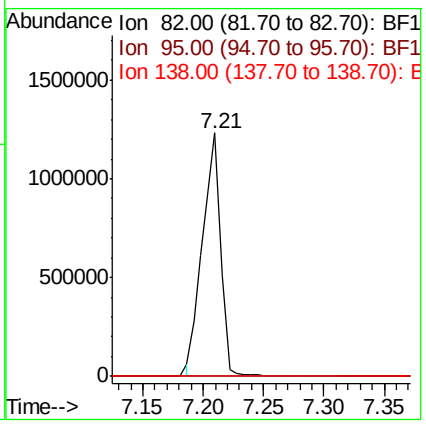


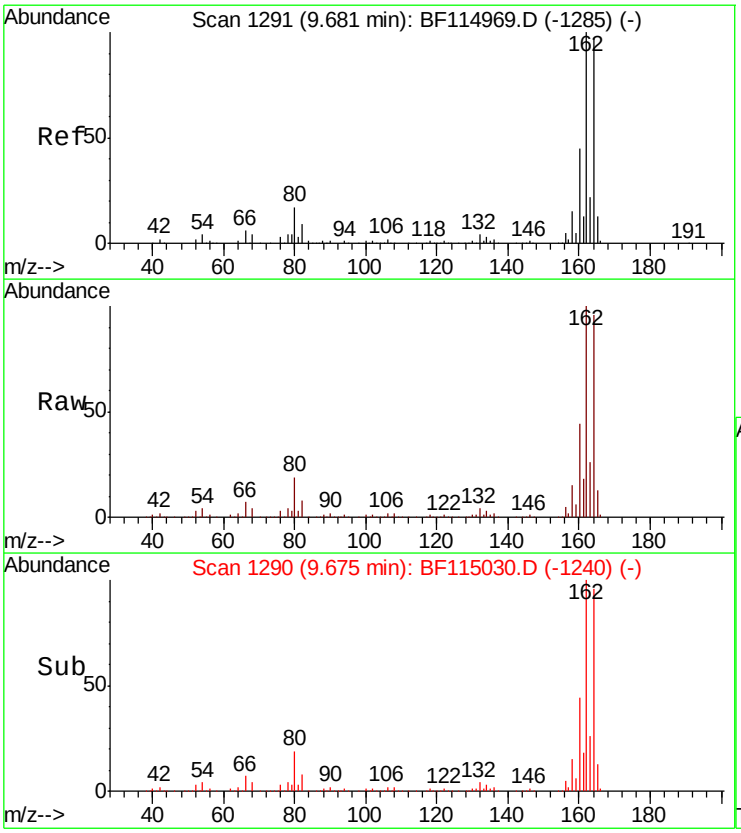
#25
Isophorone
Concen: 36.675 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.27 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1290533

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

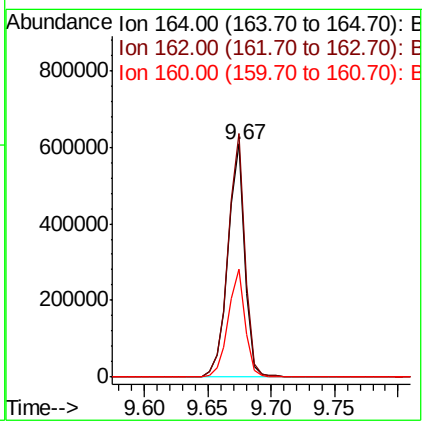


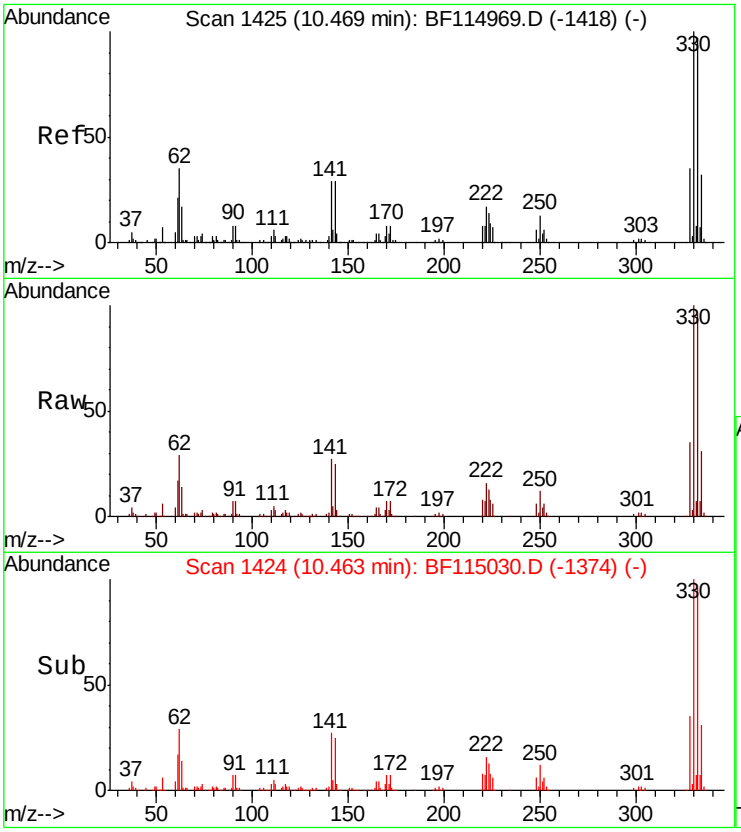


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Tgt Ion:164 Resp: 555541

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	124.0
160	46.4	36.9	55.3



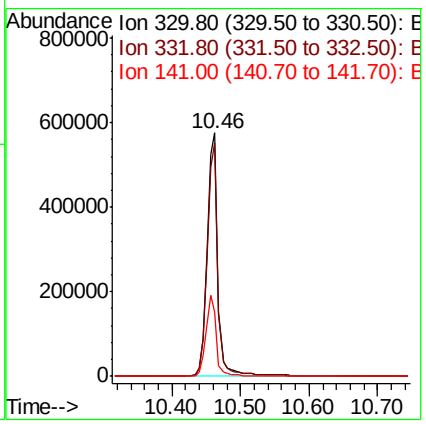


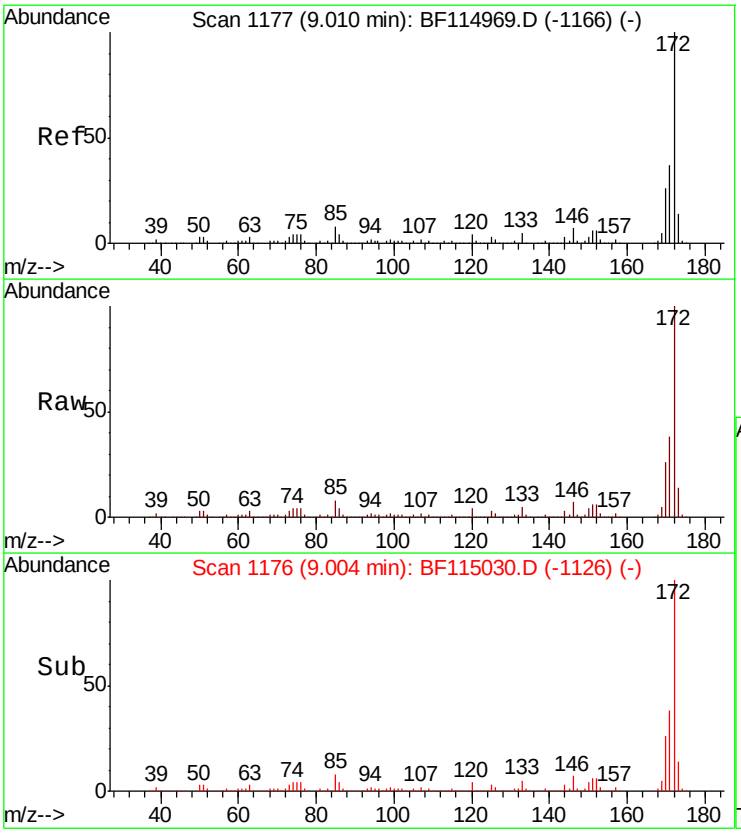
#42
2,4,6-Tribromophenol
Concen: 107.794 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 641272

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.6	116.4
141	33.2	27.2	40.8

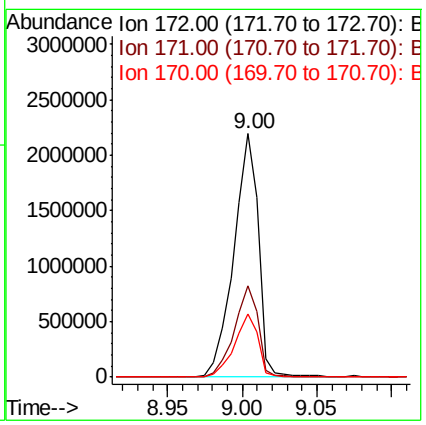


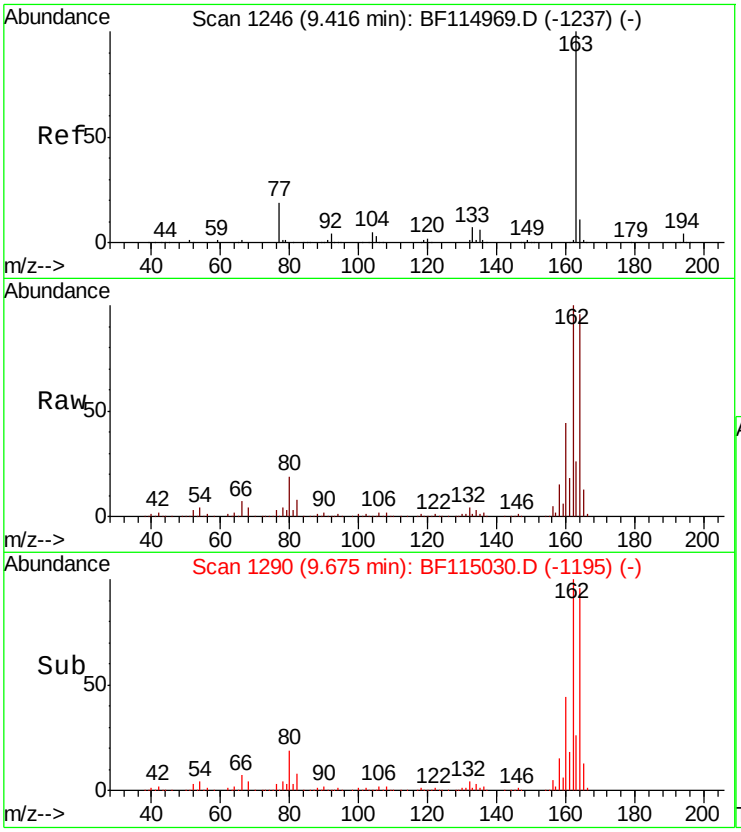


#45
2-Fluorobiphenyl
Concen: 77.339 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Tgt Ion:172 Resp: 2535066

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.7	20.6	31.0



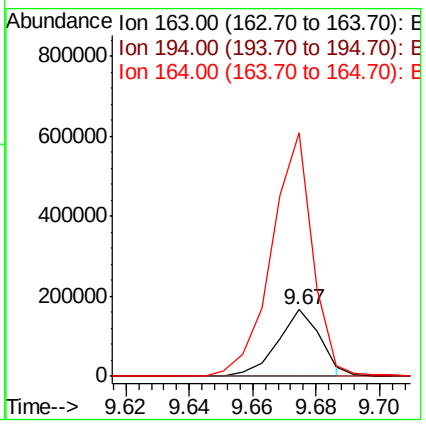


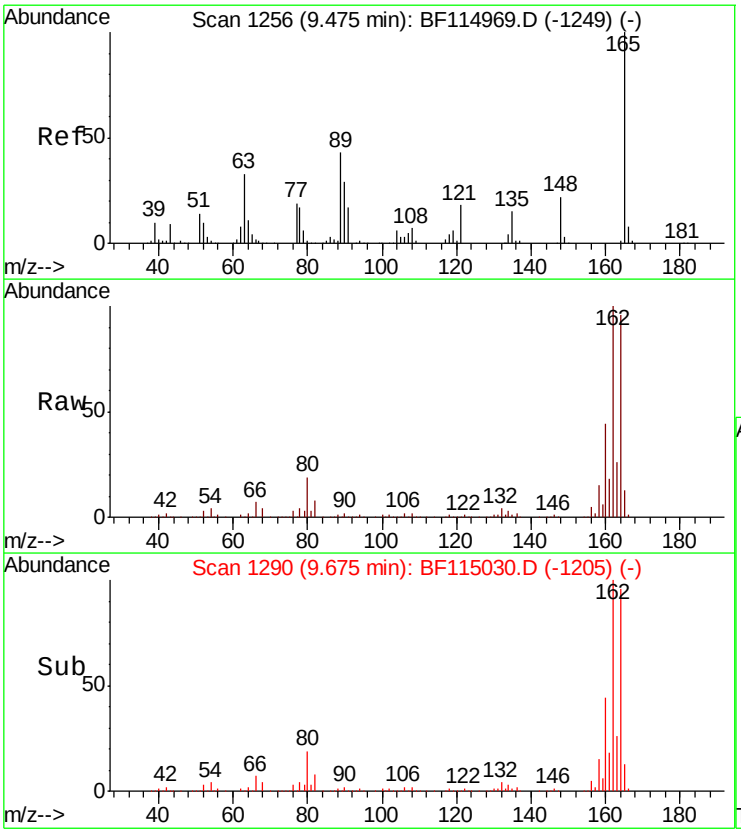
#50
Dimethylphthalate
Concen: 3.743 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.26 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 156398

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	366.1	8.6	12.8#

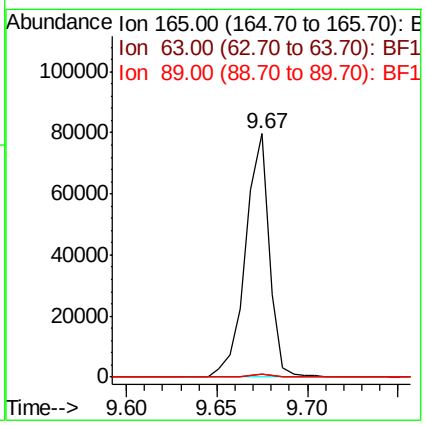


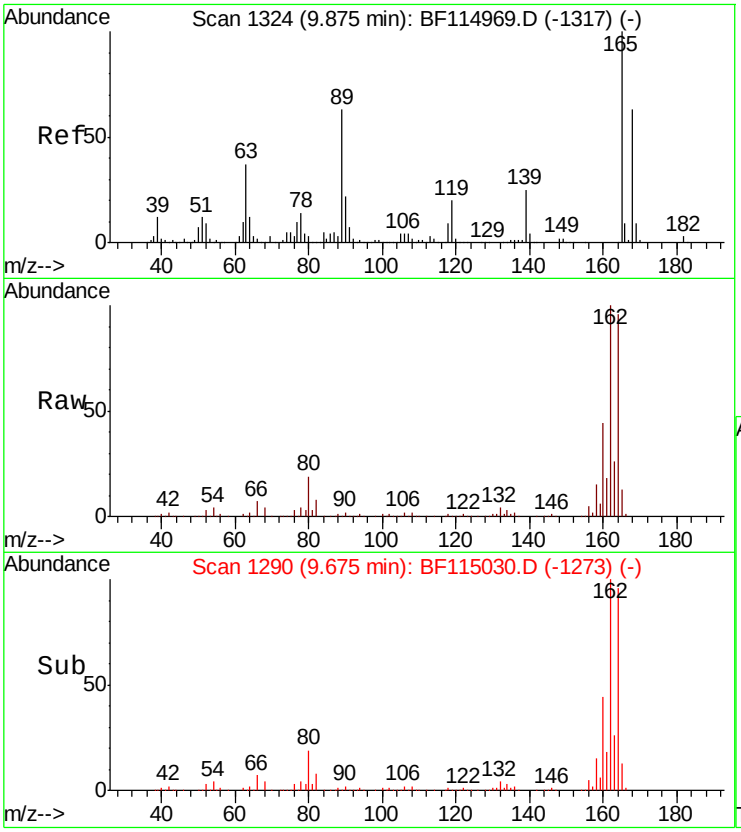


#51
2,6-Dinitrotoluene
Concen: 7.675 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.20 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Tgt Ion:165 Resp: 72739

Ion	Ratio	Lower	Upper
165	100		
63	1.0	30.6	46.0#
89	1.2	34.4	51.6#



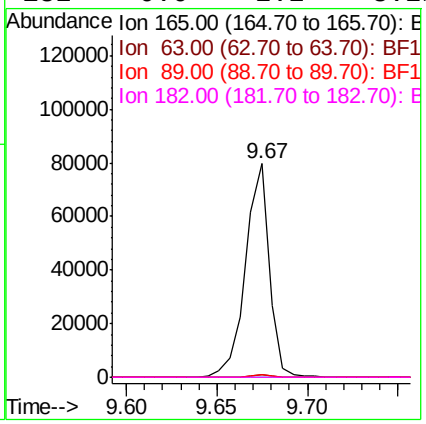


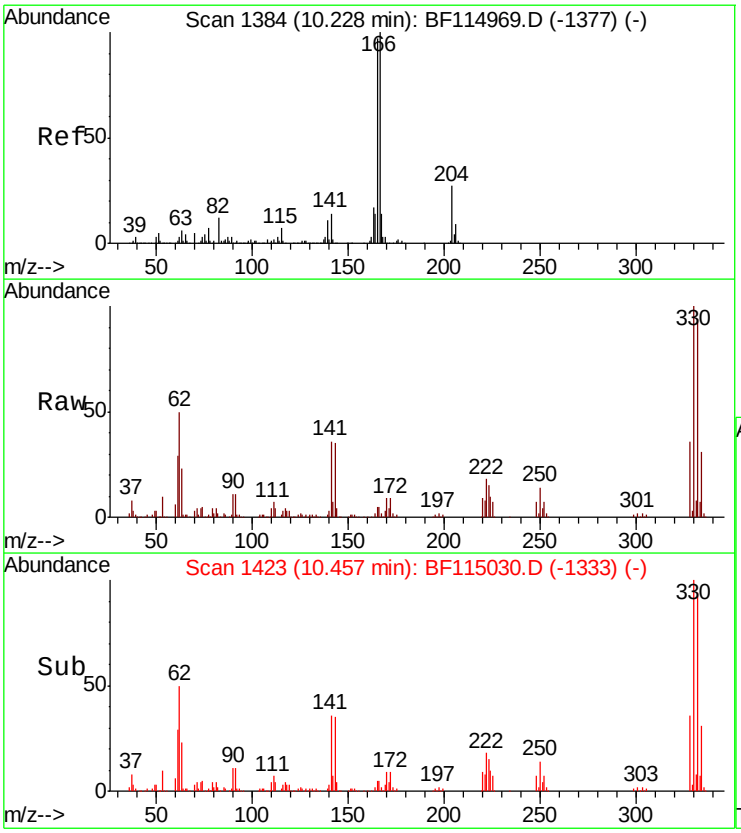
#57
2,4-Dinitrotoluene
Concen: 6.030 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 72739

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
89	1.2	50.6	75.8#
182	0.0	2.2	3.2#

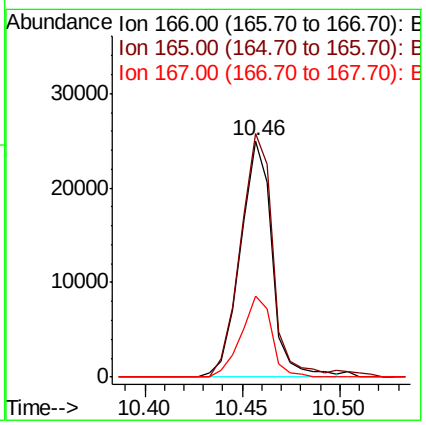


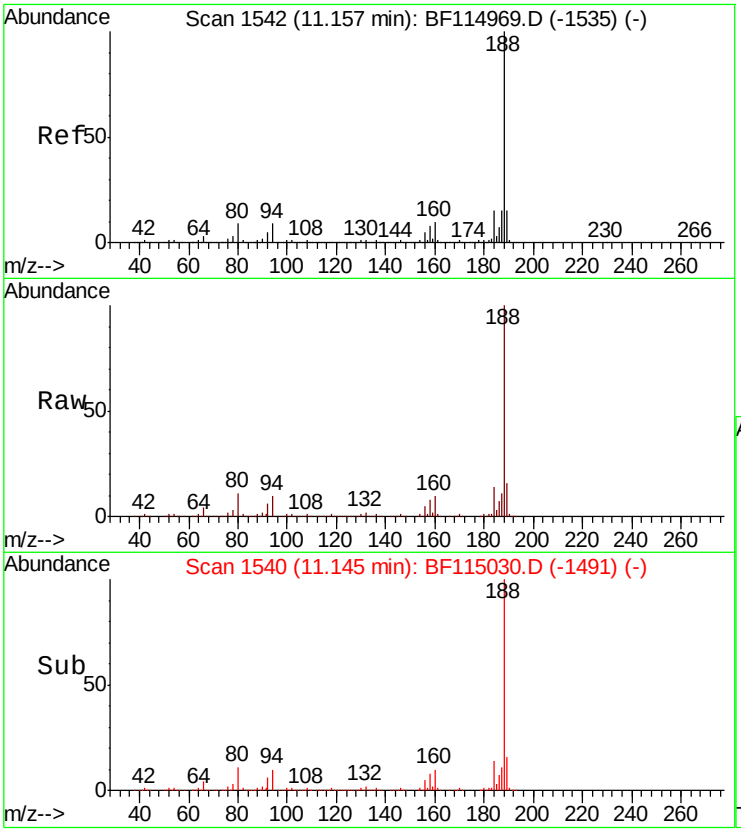


#58
Fluorene
Concen: Below Cal
RT: 10.46 min Scan# 1423
Delta R.T. 0.23 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Tgt Ion:166 Resp: 28059

Ion	Ratio	Lower	Upper
166	100		
165	103.0	77.6	116.4
167	34.5	11.0	16.4#



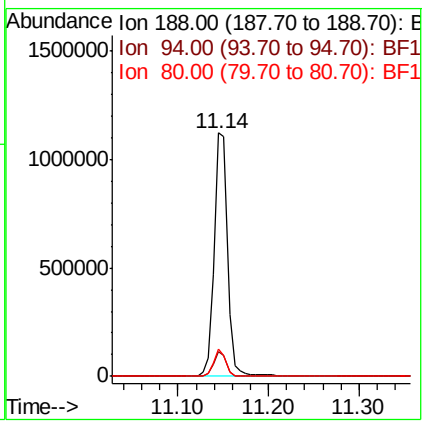


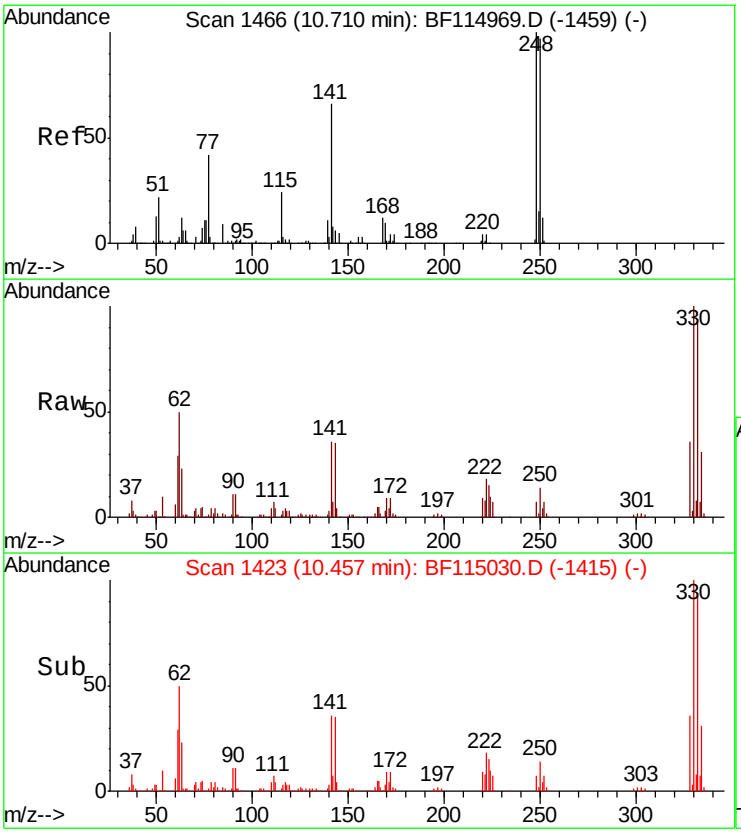
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1142296

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.2	10.8
80	11.1	7.4	11.2

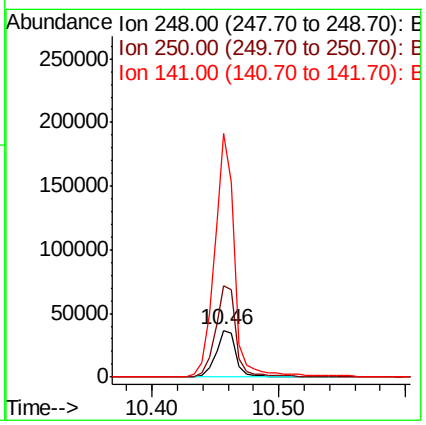


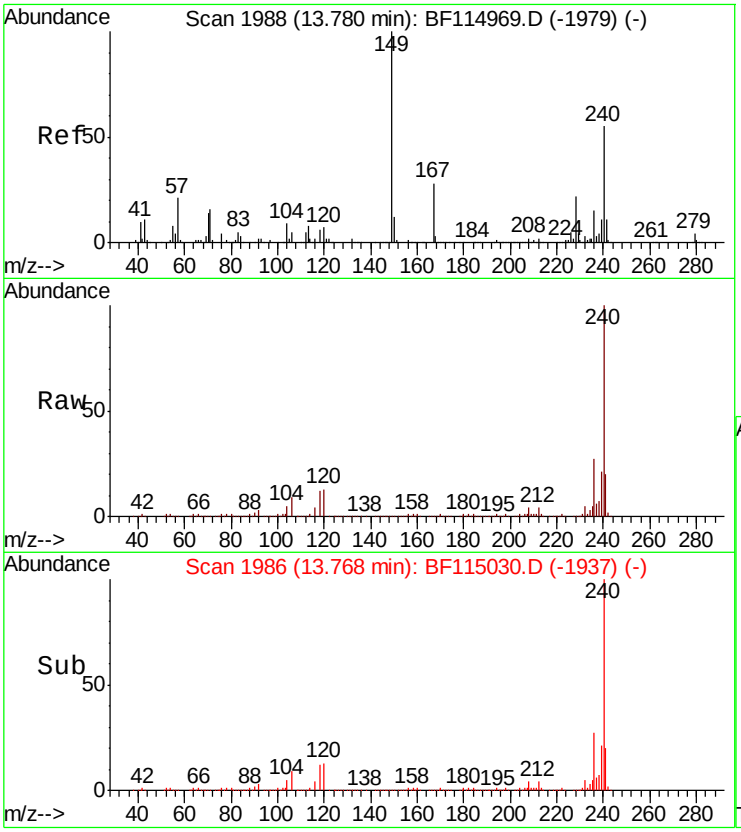


#67
4-Bromophenyl-phenylether
Concen: 3.379 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Tgt Ion:248 Resp: 41443

Ion	Ratio	Lower	Upper
248	100		
250	195.1	77.8	116.8#
141	517.7	53.1	79.7#



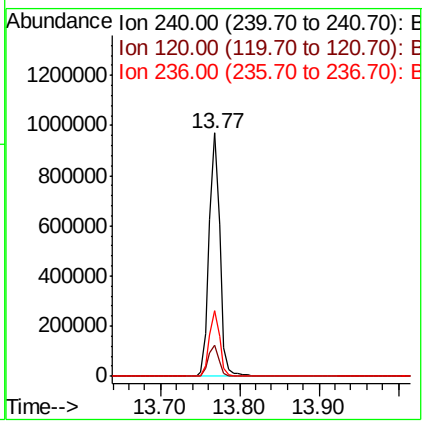


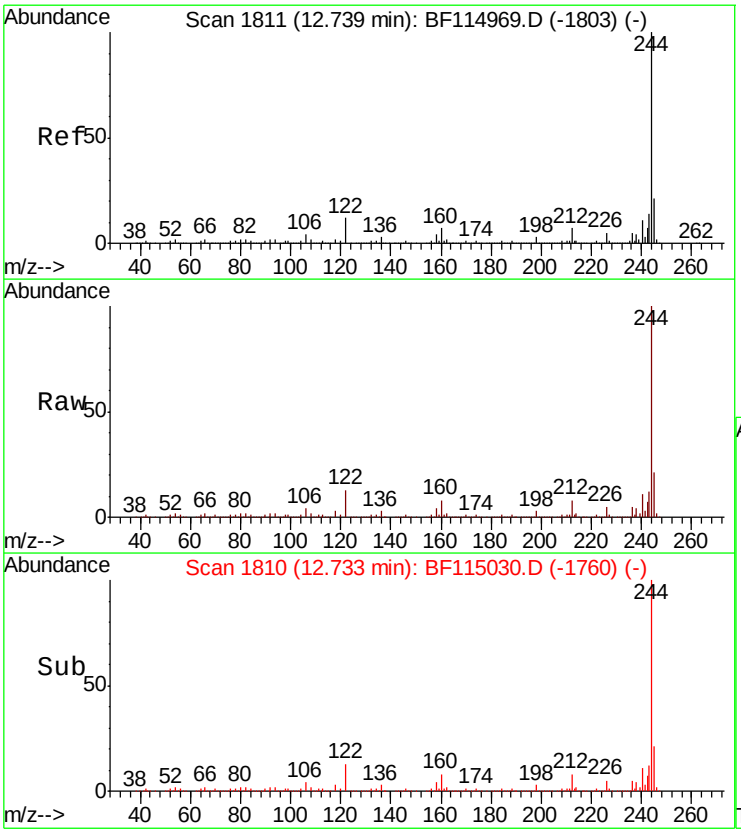
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 913828

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.0	15.0
236	27.0	21.6	32.4

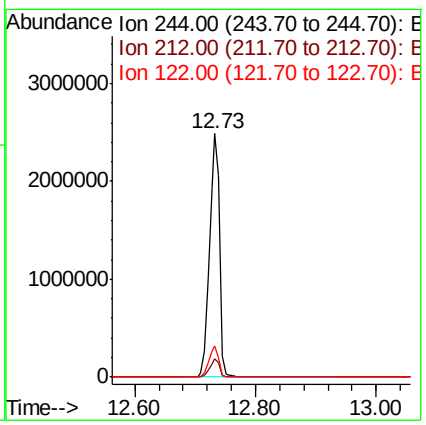


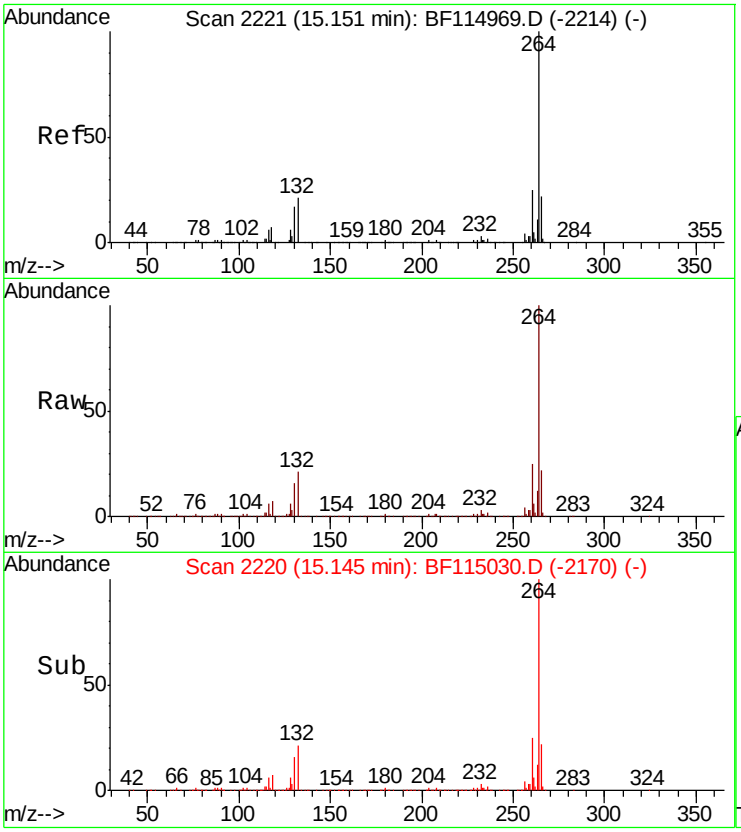


#79
Terphenyl-d14
Concen: 59.024 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Tgt Ion:244 Resp: 2867719

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	12.8	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: BF115030.D
Acq: 14 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 933489

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	22.1	17.6	26.4