Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
Data File : BF112168.D
Acq On : 21 Jan 2019 19:39
Operator : JU/SJ
Sample : K1013-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-C

Quant Time: Jan 22 00:48:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	236203	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	799318	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	313843	20.00	ng		-0.01
64) Phenanthrene-d10	11.37	188	566880	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	493123	20.00	ng		-0.01
87) Perylene-d12	15.49	264	350631	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1428777	109.79	ng		0.00
7) Phenol-d6	6.50	99	1461531	89.76	ng		0.00
23) Nitrobenzene-d5	7.42	82	1197451	103.50	ng		-0.01
42) 2,4,6-Tribromophenol	10.68	330	458208	135.34	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	2151009	100.48	ng		0.00
79) Terphenyl-d14	12.96	244	2253460	97.22	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.40	77	8193	Below Cal			91
19) n-Nitroso-di-n-propylamine	7.42	70	164870	16.621	ng	#	76
25) Isophorone	7.42	82	1197431	53.584	ng	#	64
26) 2-Nitrophenol	7.52	139	323	5.726	ng	#	39
32) Benzoic acid	7.93	122	115	7.194	ng	#	1
51) 2,6-Dinitrotoluene	9.89	165	40229	8.801	ng	#	34
54) 2,4-Dinitrophenol	9.82	184	113	7.855	ng	#	21
56) 4-Nitrophenol	10.10	139	402	5.757	ng	#	12
57) 2,4-Dinitrotoluene	9.89	165	40229	10.783	ng	#	32
65) 4,6-Dinitro-2-methylphenol	10.68	198	1000	10.404	ng	#	1
67) 4-Bromophenyl-phenylether	10.68	248	27357	4.155	ng	#	1

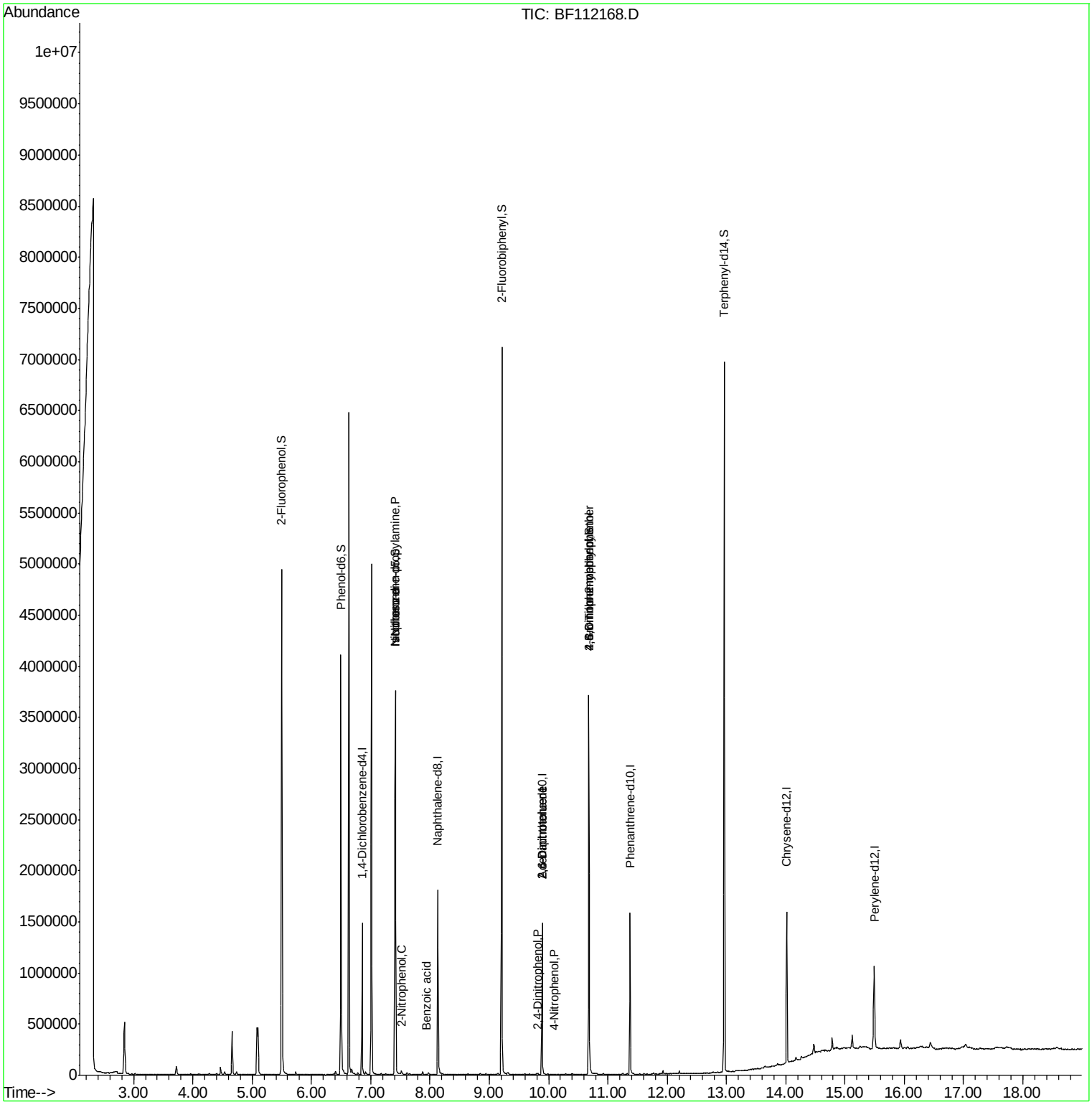
(#) = qualifier out of range (m) = manual integration (+) = signals summed

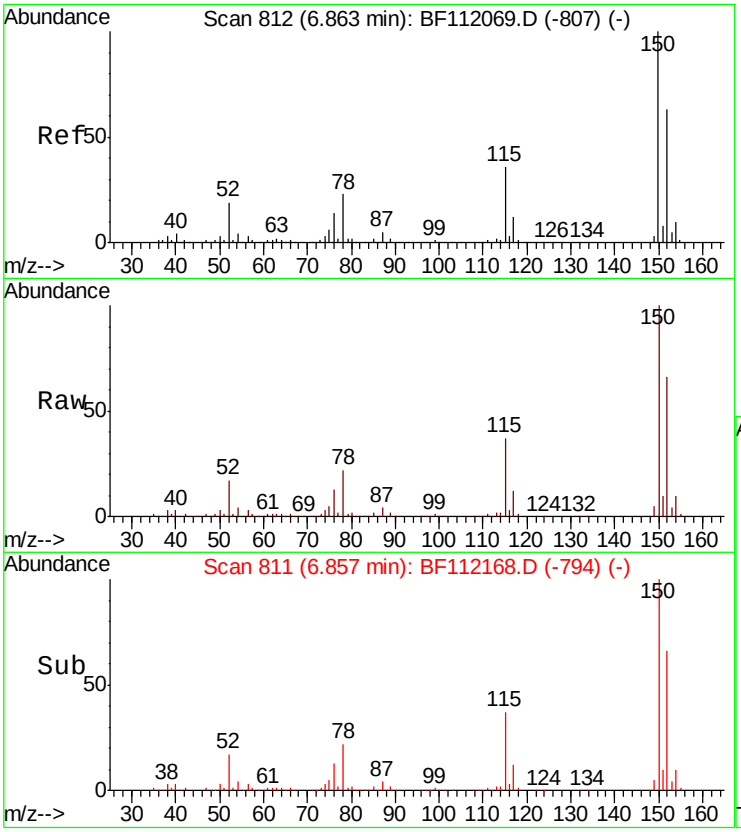
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
Data File : BF112168.D
Acq On : 21 Jan 2019 19:39
Operator : JU/SJ
Sample : K1013-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Quant Time: Jan 22 00:48:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration



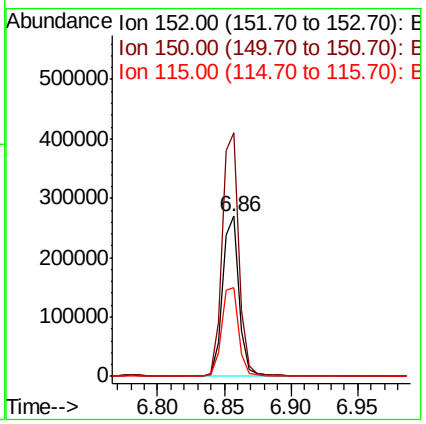


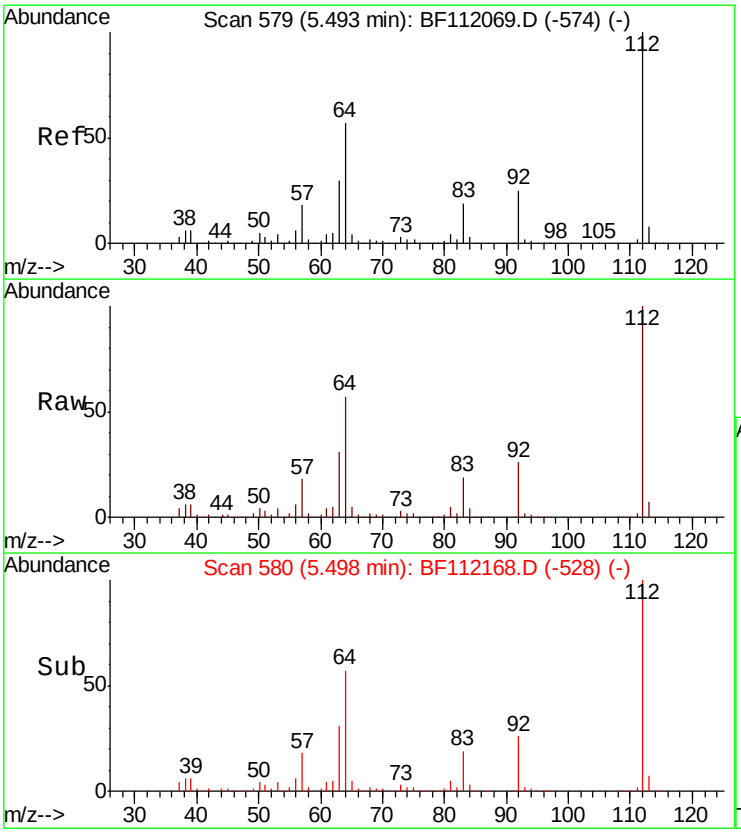
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tgt Ion:152 Resp: 236203

Ion	Ratio	Lower	Upper
152	100		
150	152.4	127.4	191.0
115	55.9	45.5	68.3

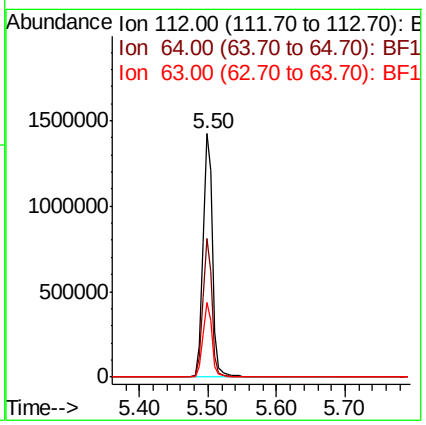


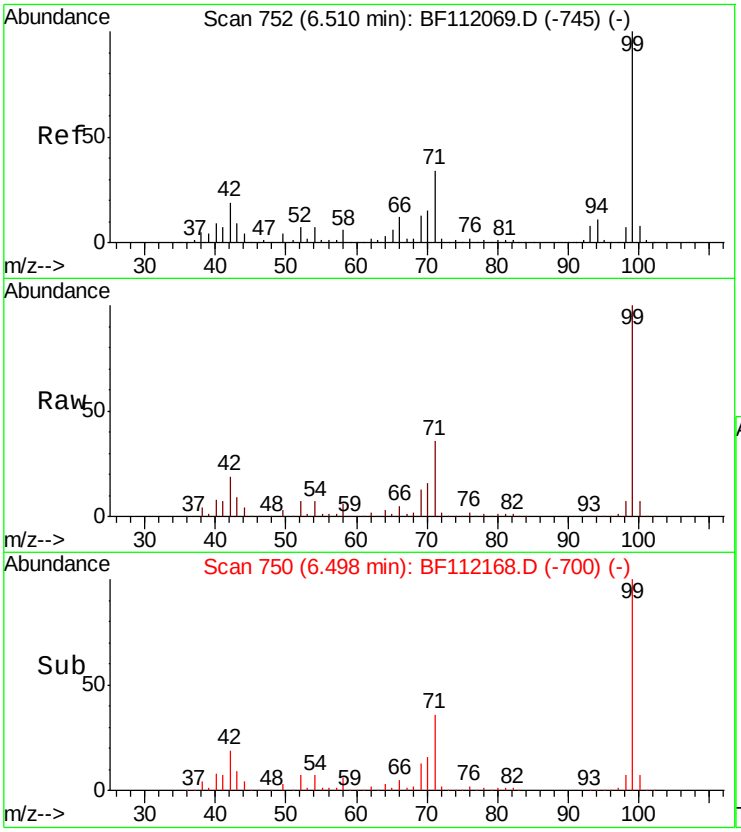


#5
2-Fluorophenol
Concen: 109.790 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion:112 Resp: 1428777

Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.7	68.5
63	30.6	23.6	35.4



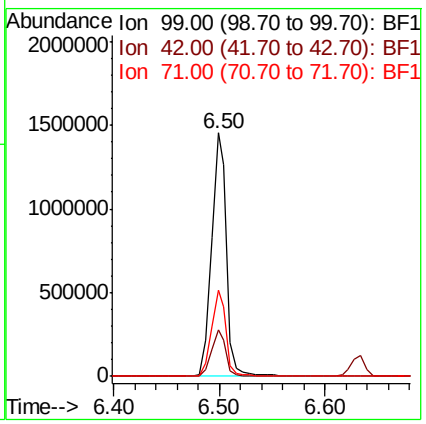


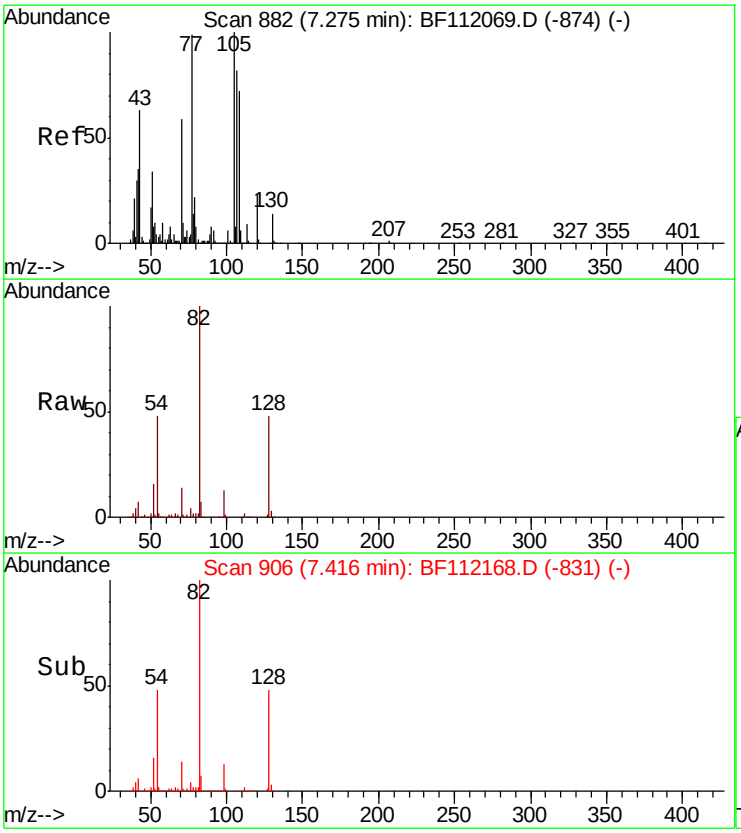
#7
Phenol-d6
Concen: 89.763 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tgt Ion: 99 Resp: 1461531

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.1	22.7
71	35.7	26.9	40.3

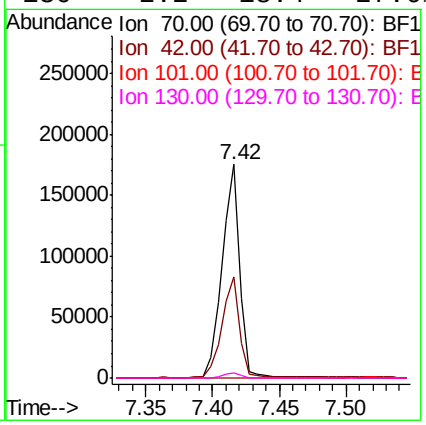


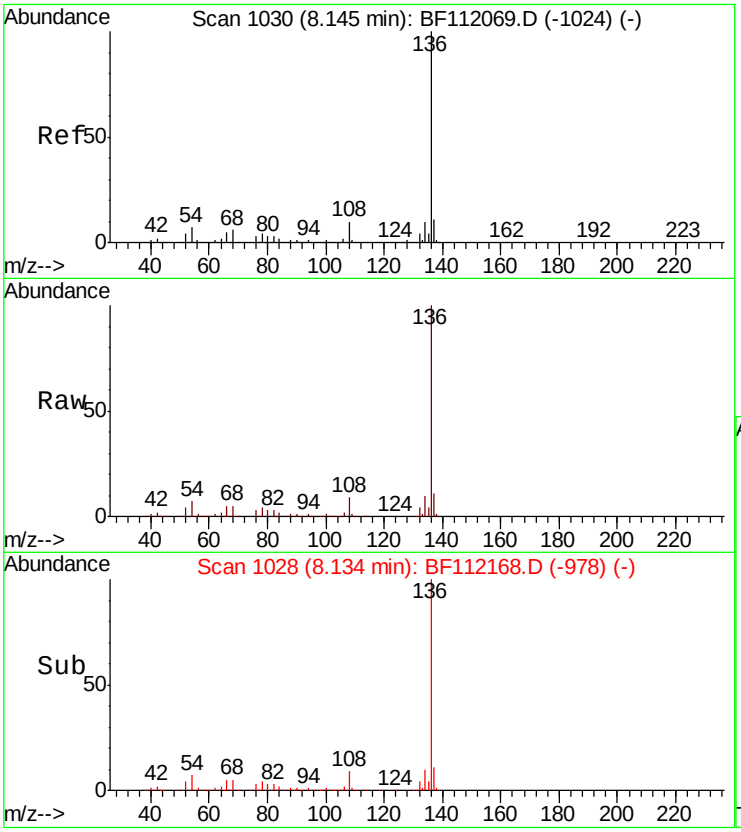


#19
n-Nitroso-di-n-propylamine
Concen: 16.621 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion: 70 Resp: 164870

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.6	71.4#
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#



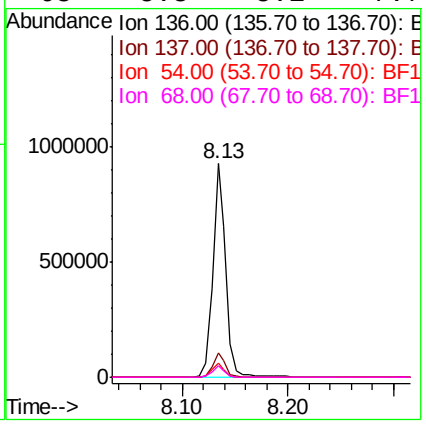


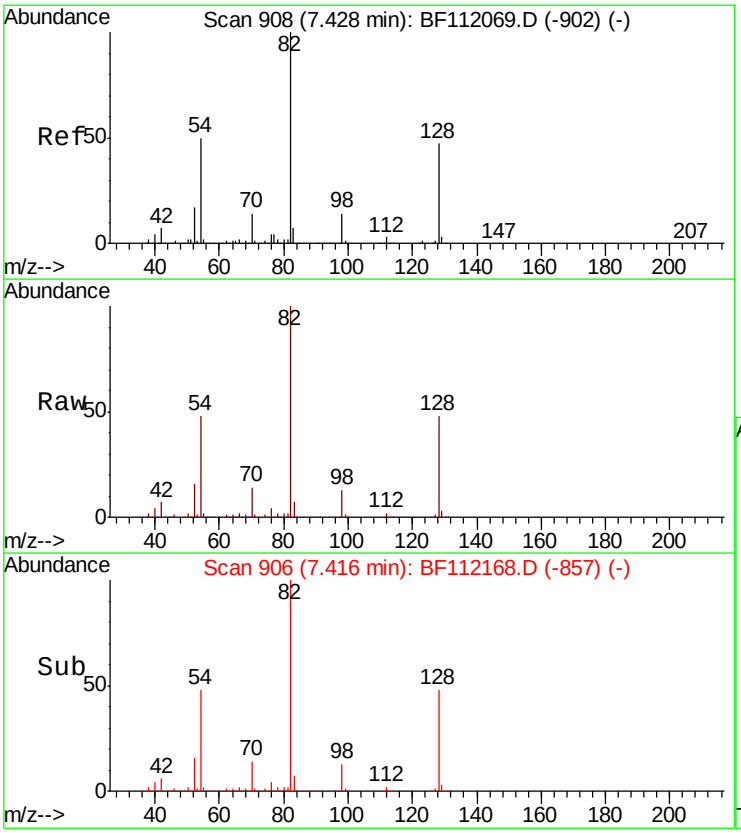
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tgt Ion:136 Resp: 799318

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.6	5.9	8.9
68	5.3	5.1	7.7

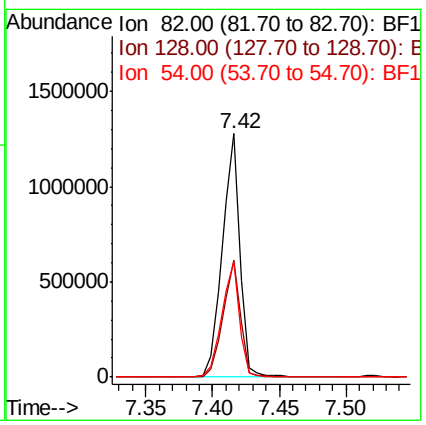


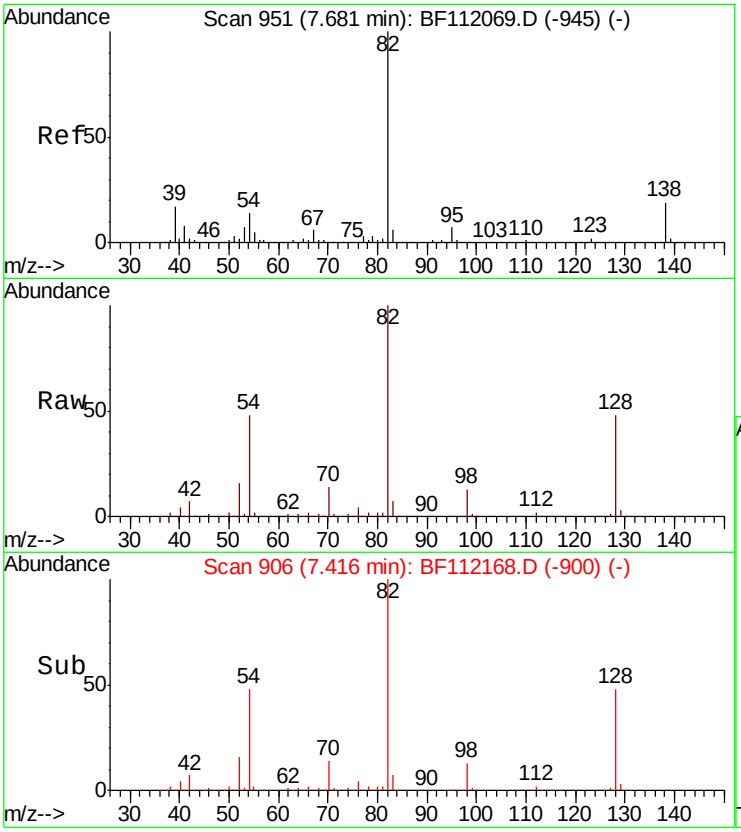


#23
Nitrobenzene-d5
Concen: 103.502 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion: 82 Resp: 1197451

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.8	56.8
54	47.7	39.7	59.5



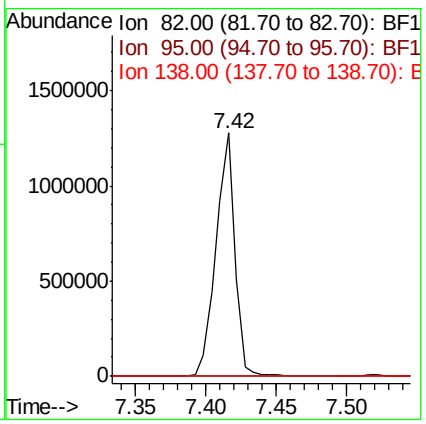


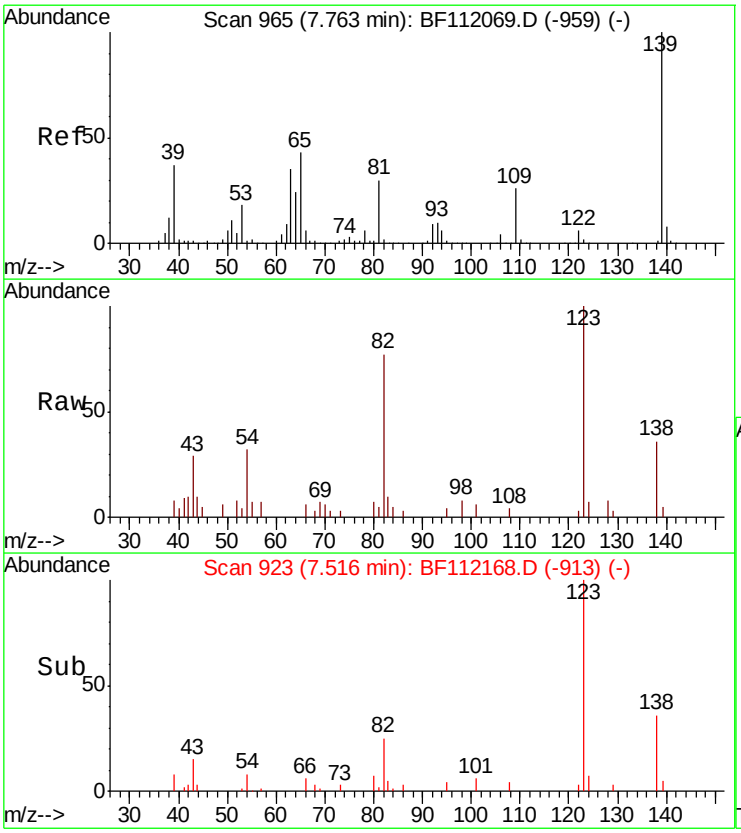
#25
Isophorone
Concen: 53.584 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tgt Ion: 82 Resp: 1197431

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

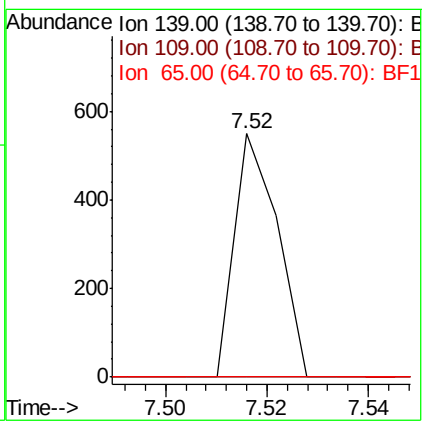


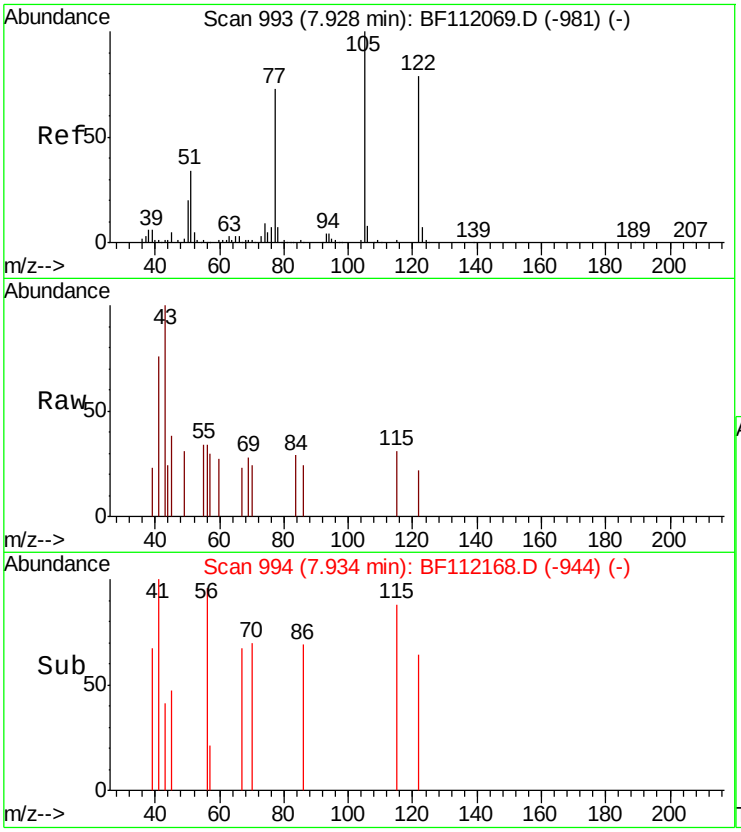


#26
2-Nitrophenol
Concen: 5.726 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.24 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion:139 Resp: 323

Ion	Ratio	Lower	Upper
139	100		
109	0.0	20.8	31.2#
65	0.0	34.4	51.6#



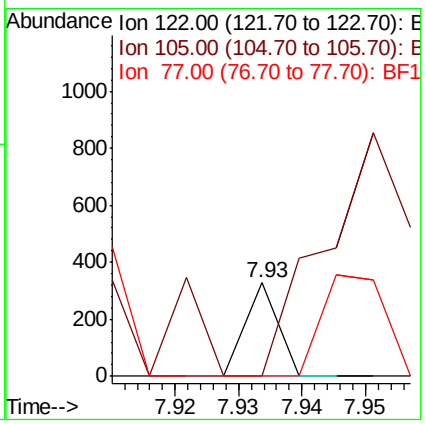


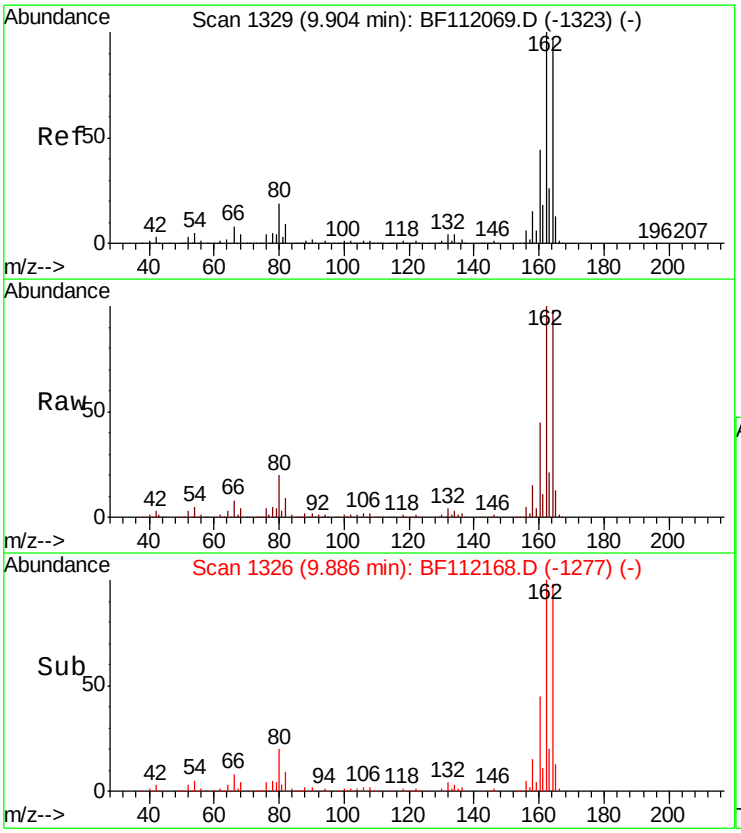
#32
Benzoic acid
Concen: 7.194 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tgt Ion:122 Resp: 115

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.2	141.2#
77	0.0	70.4	110.4#

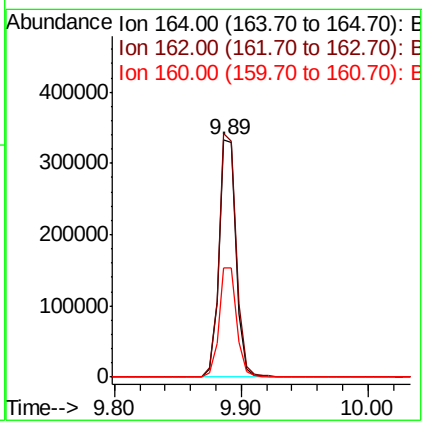


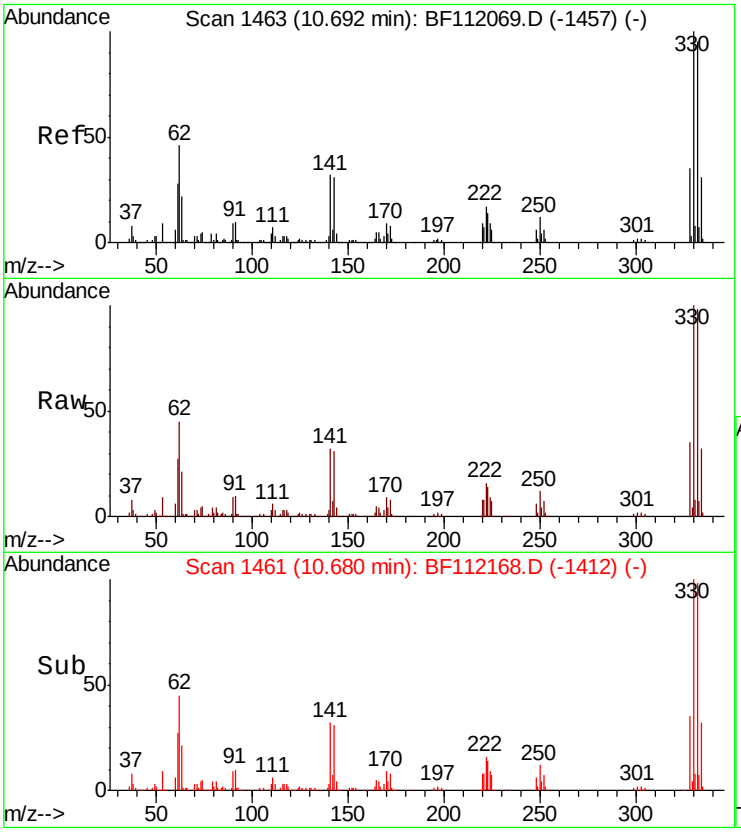


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion:164 Resp: 313843

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.2	123.4
160	46.0	36.2	54.4



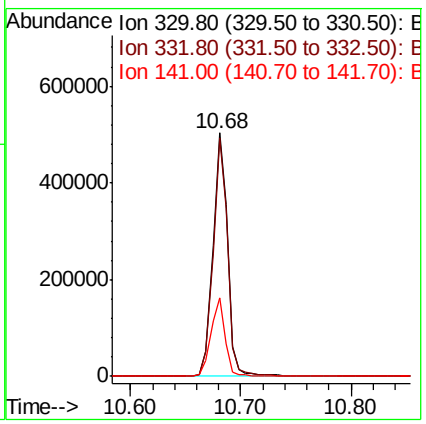


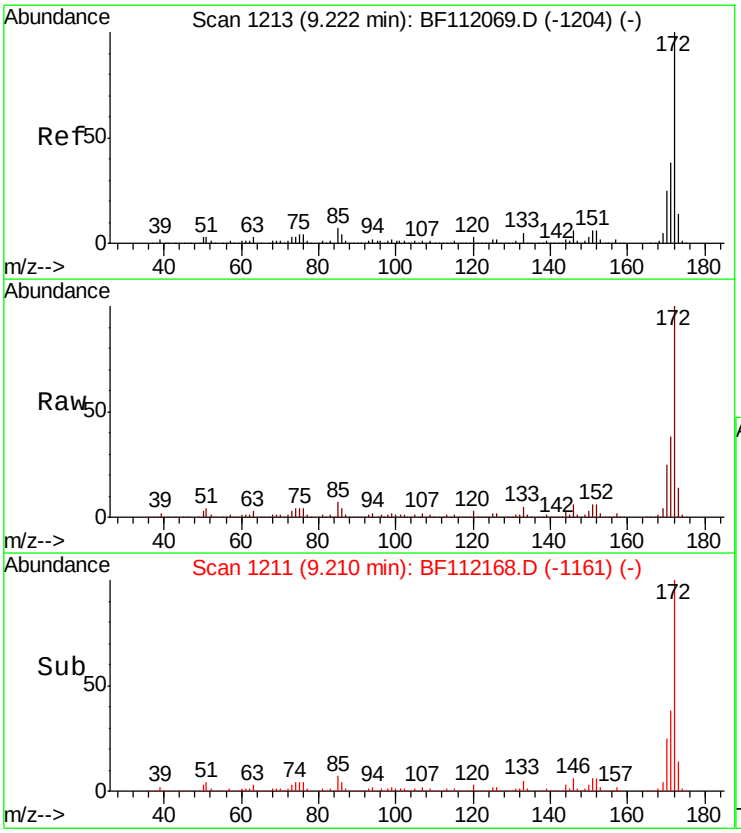
#42
2,4,6-Tribromophenol
Concen: 135.337 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tgt Ion:330 Resp: 458208

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	30.9	24.3	36.5

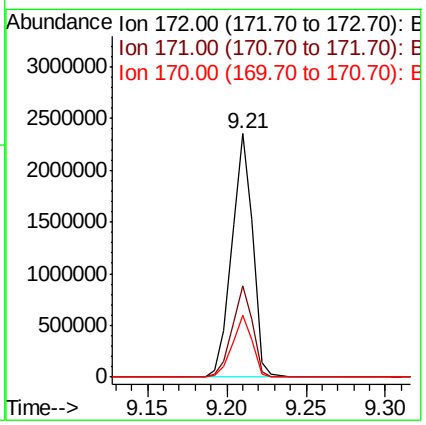


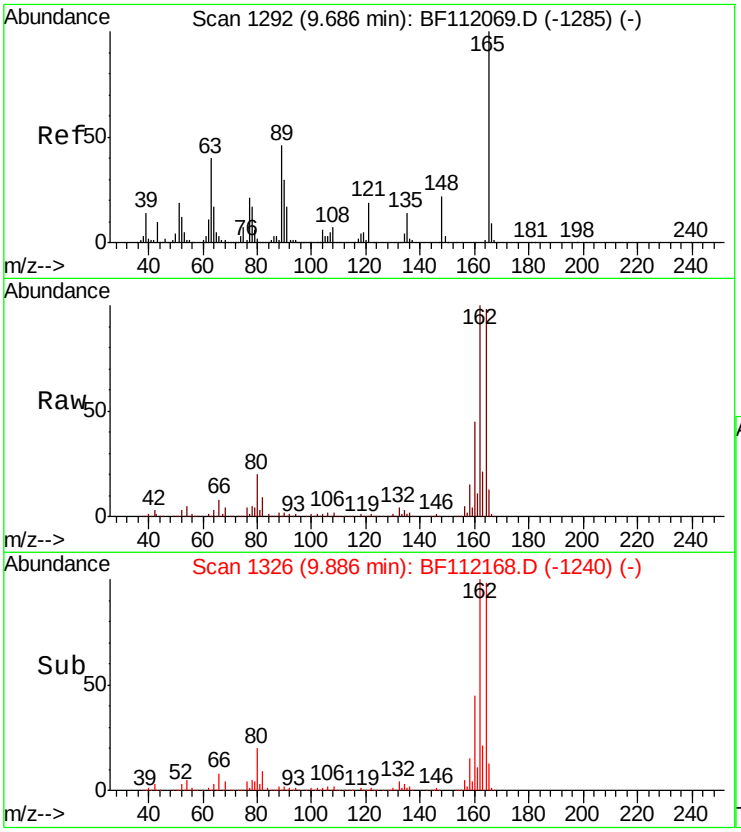


#45
2-Fluorobiphenyl
Concen: 100.484 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion:172 Resp: 2151009

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	25.3	20.2	30.4



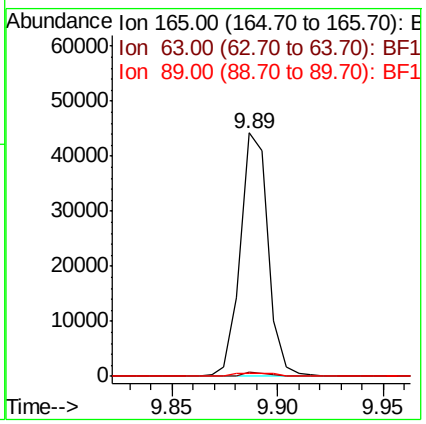


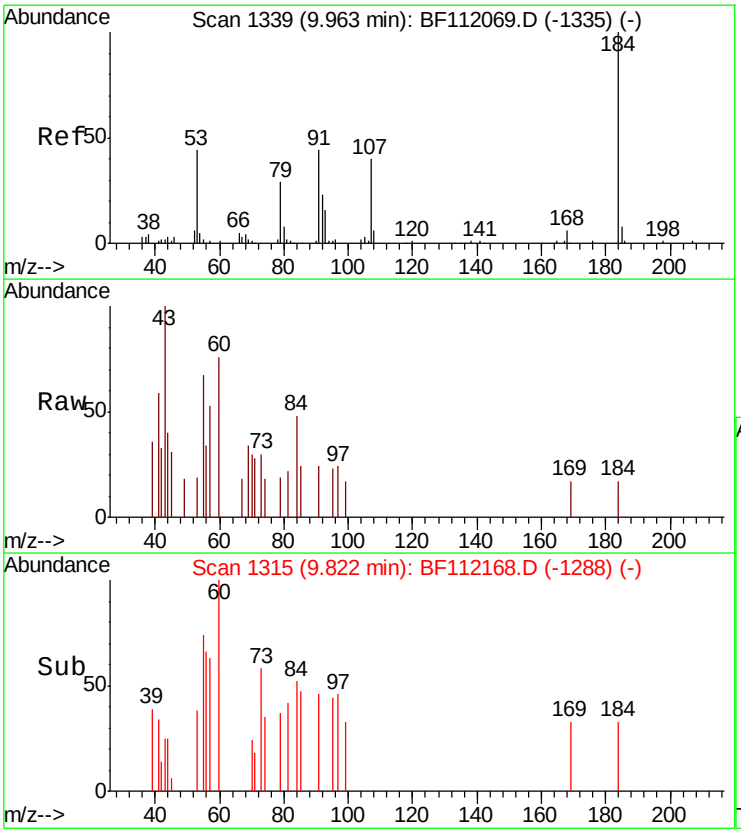
#51
2,6-Dinitrotoluene
Concen: 8.801 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tgt Ion:165 Resp: 40229

Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.8	50.8#
89	1.3	36.9	55.3#

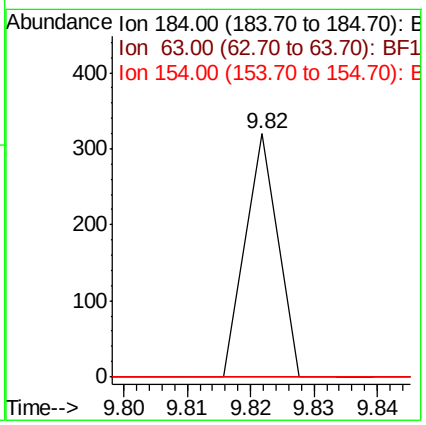


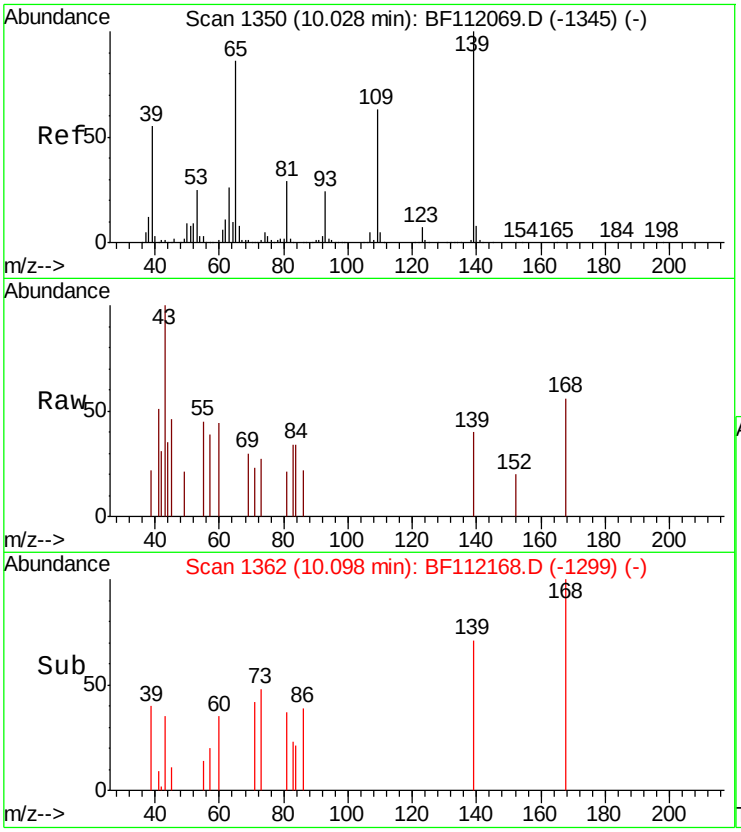


#54
2,4-Dinitrophenol
Concen: 7.855 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.14 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion:184 Resp: 113

Ion	Ratio	Lower	Upper
184	100		
63	0.0	47.1	70.7#
154	0.0	48.9	73.3#



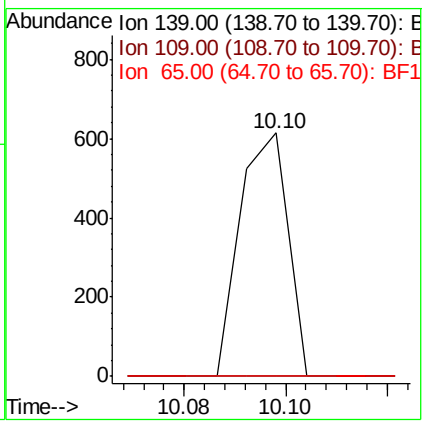


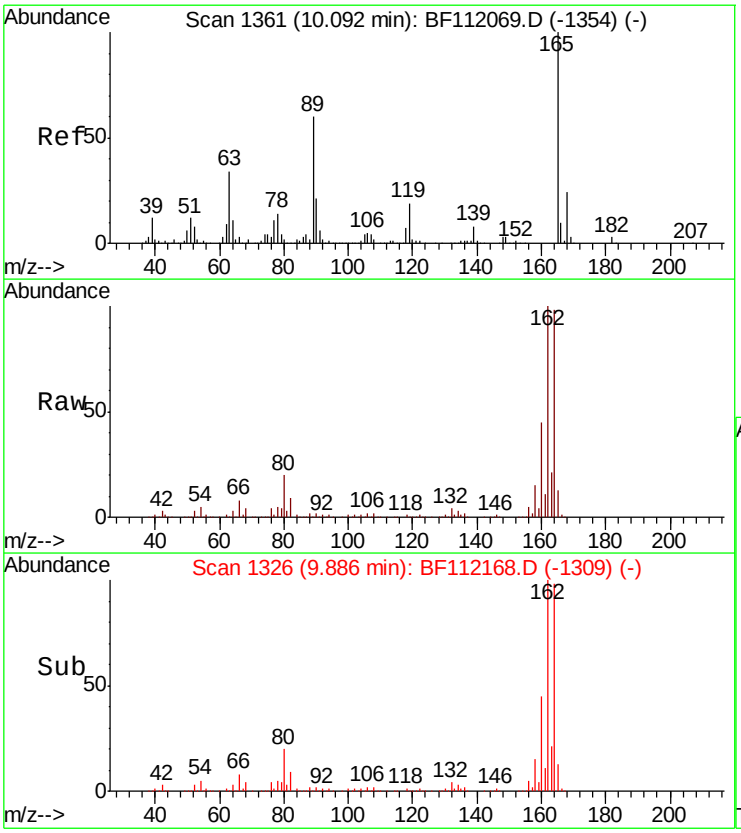
#56
4-Nitrophenol
Concen: 5.757 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.07 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tgt Ion:139 Resp: 402

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.1	106.1#

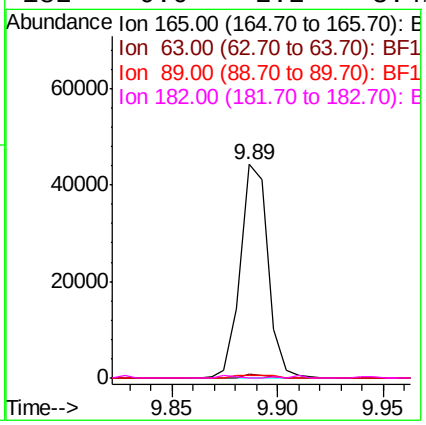


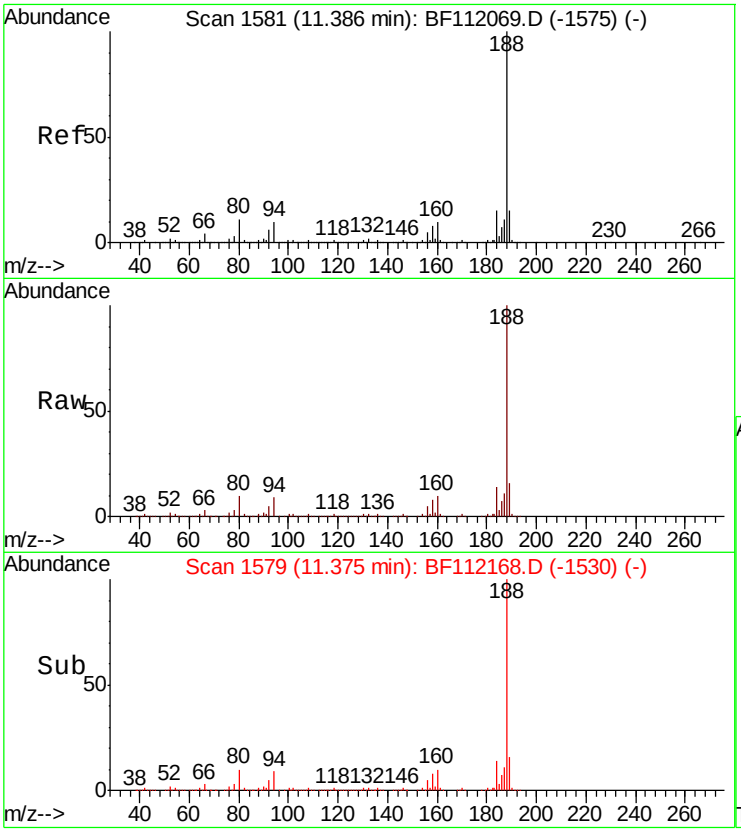


#57
2,4-Dinitrotoluene
Concen: 10.783 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion:165 Resp: 40229

Ion	Ratio	Lower	Upper
165	100		
63	1.7	27.9	41.9#
89	1.3	47.9	71.9#
182	0.0	2.2	3.4#



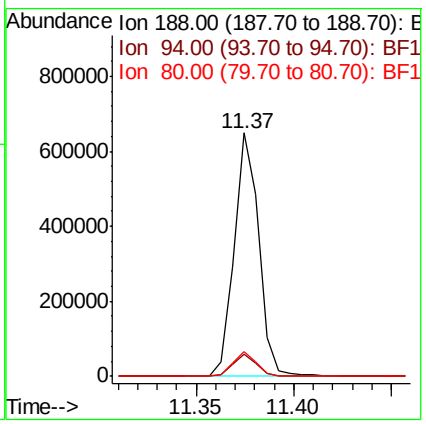


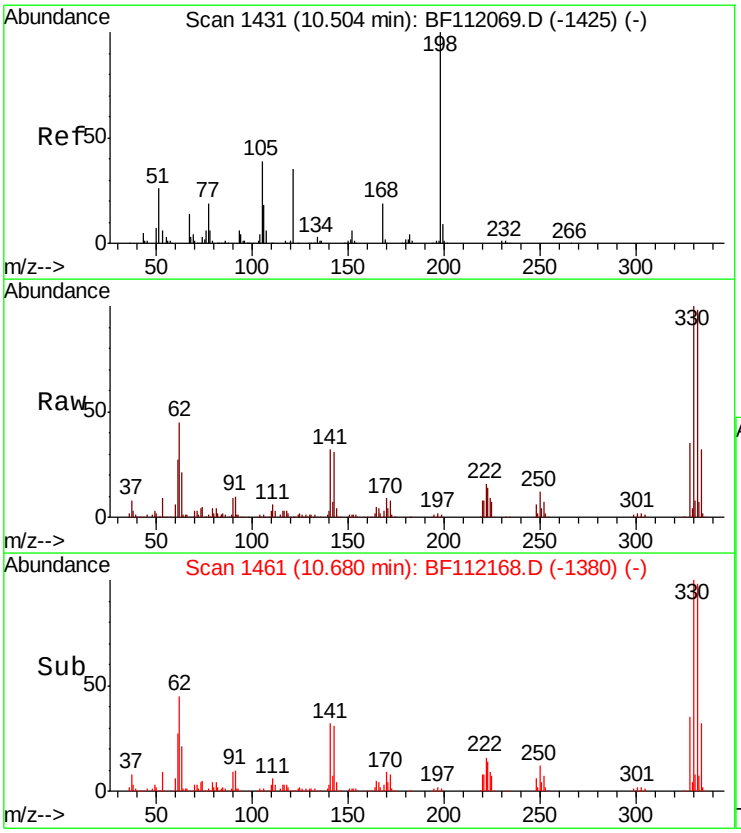
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tgt Ion:188 Resp: 566880

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.9	8.9	13.3

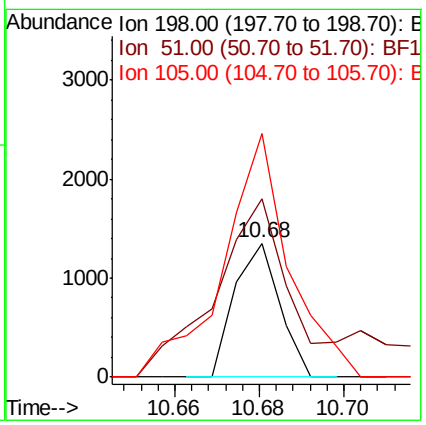


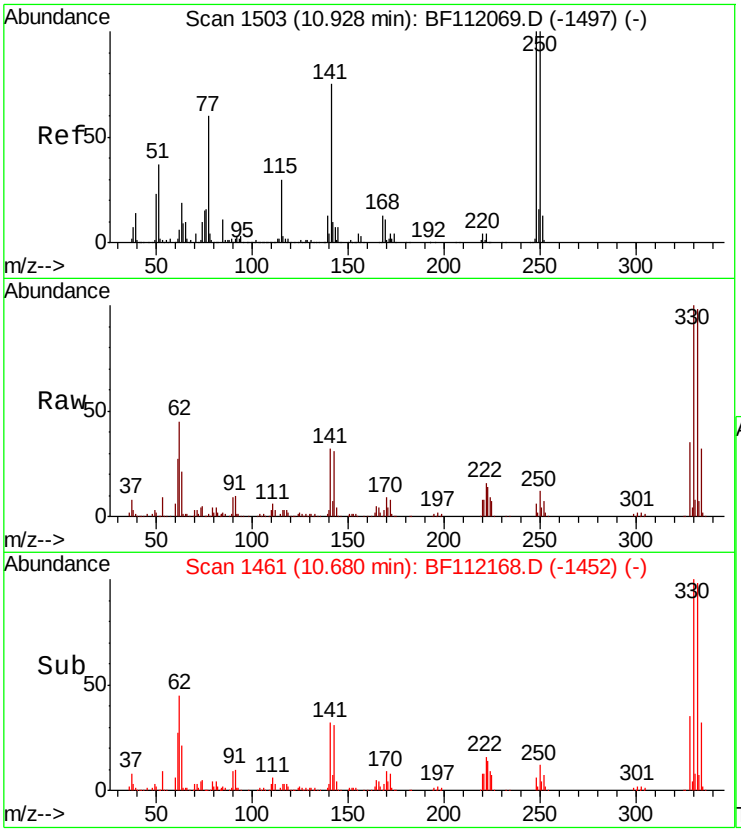


#65
4,6-Dinitro-2-methylphenol
Concen: 10.404 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.18 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion:198 Resp: 1000

Ion	Ratio	Lower	Upper
198	100		
51	132.7	17.2	57.2#
105	181.8	21.9	61.9#



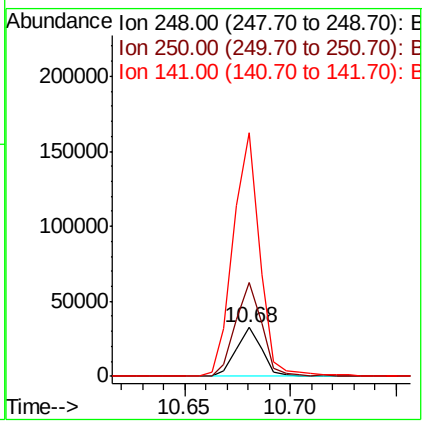


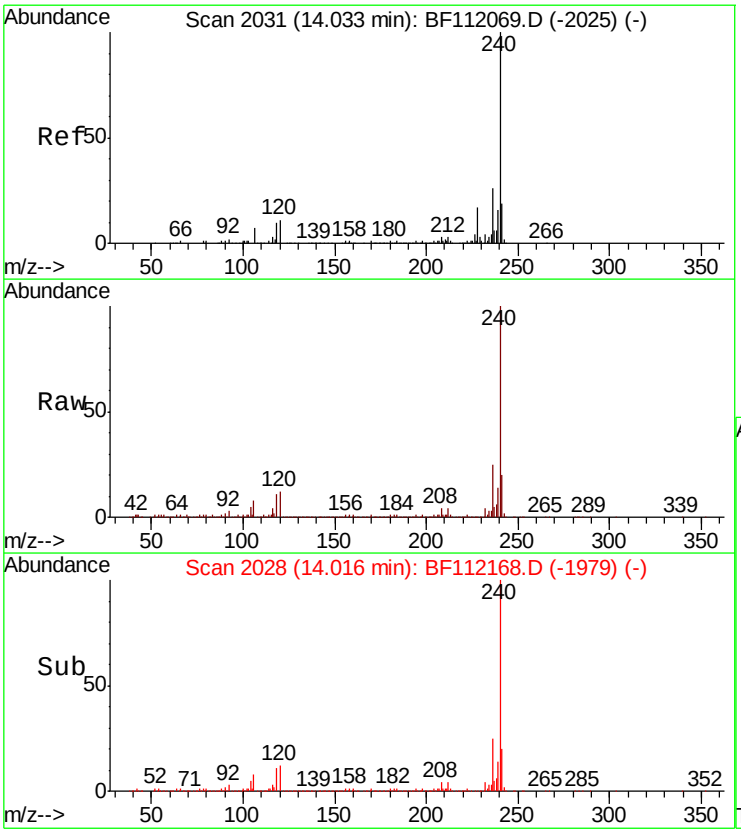
#67
4-Bromophenyl-phenylether
Concen: 4.155 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tgt Ion:248 Resp: 27357

Ion	Ratio	Lower	Upper
248	100		
250	191.9	79.7	119.5#
141	497.3	60.3	90.5#

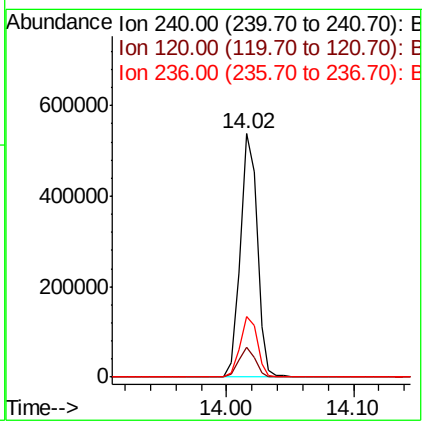


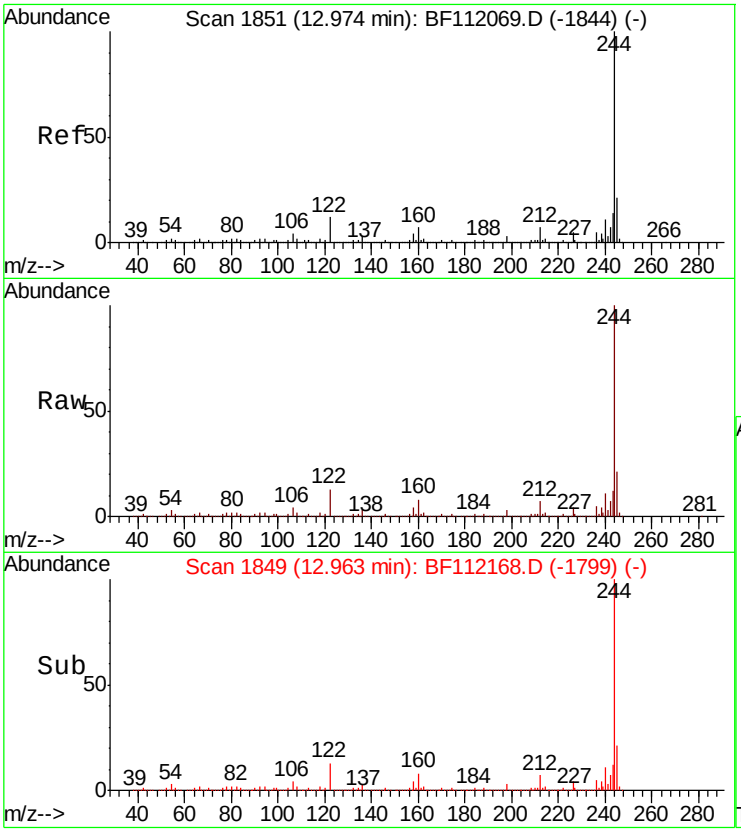


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion:240 Resp: 493123

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.0	13.6
236	25.1	20.7	31.1



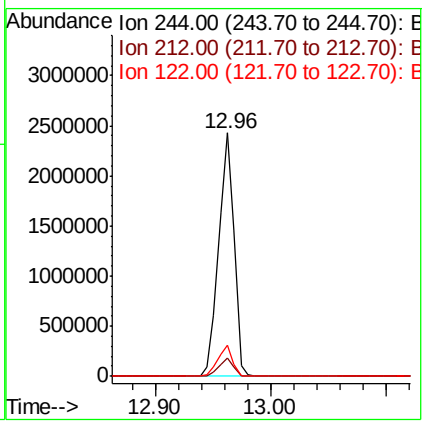


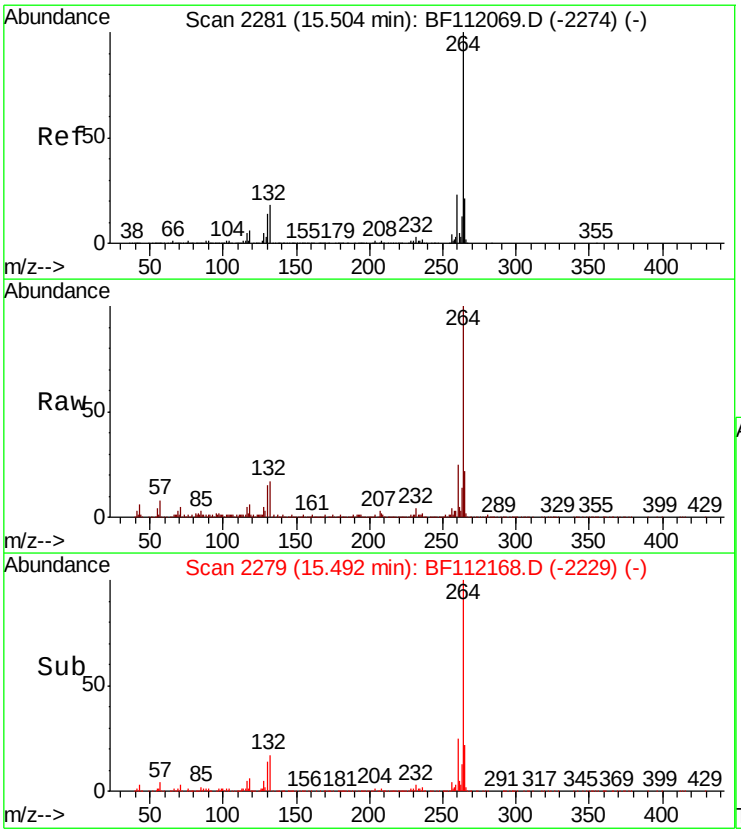
#79
Terphenyl-d14
Concen: 97.216 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tgt Ion:244 Resp: 2253460

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	12.7	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion:264 Resp: 350631

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.2
265	22.3	17.0	25.4