Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112128.D
Acq On : 18 Jan 2019 17:00
Operator : JU/SJ
Sample : K1173-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

Quant Time: Jan 18 23:36:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 23:33:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	282687	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1074394	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	529043	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	949973	20.00	ng	0.00
76) Chrysene-d12	14.02	240	634923	20.00	ng	0.00
87) Perylene-d12	15.49	264	655577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1859759	119.41	ng	0.00
7) Phenol-d6	6.50	99	2360001	121.11	ng	0.00
23) Nitrobenzene-d5	7.42	82	1523333	97.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	742121	130.03	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2822245	78.21	ng	0.00
79) Terphenyl-d14	12.96	244	2496899	83.66	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	4354	Below Cal	#	1
10) Phenol	6.52	94	67552	3.172	ng	# 72
19) n-Nitroso-di-n-propylamine	7.42	70	205735	17.331	ng	# 78
25) Isophorone	7.42	82	1513909	50.401	ng	# 63
32) Benzoic acid	8.14	122	145	7.192	ng	# 1
50) Dimethylphthalate	9.60	163	356283	9.234	ng	98
56) 4-Nitrophenol	10.10	139	541	5.737	ng	# 12
57) 2,4-Dinitrotoluene	9.89	165	69131	10.904	ng	# 31
65) 4,6-Dinitro-2-methylphenol	10.69	198	1341	10.337	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	43954	3.983	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
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Acq On : 18 Jan 2019 17:00
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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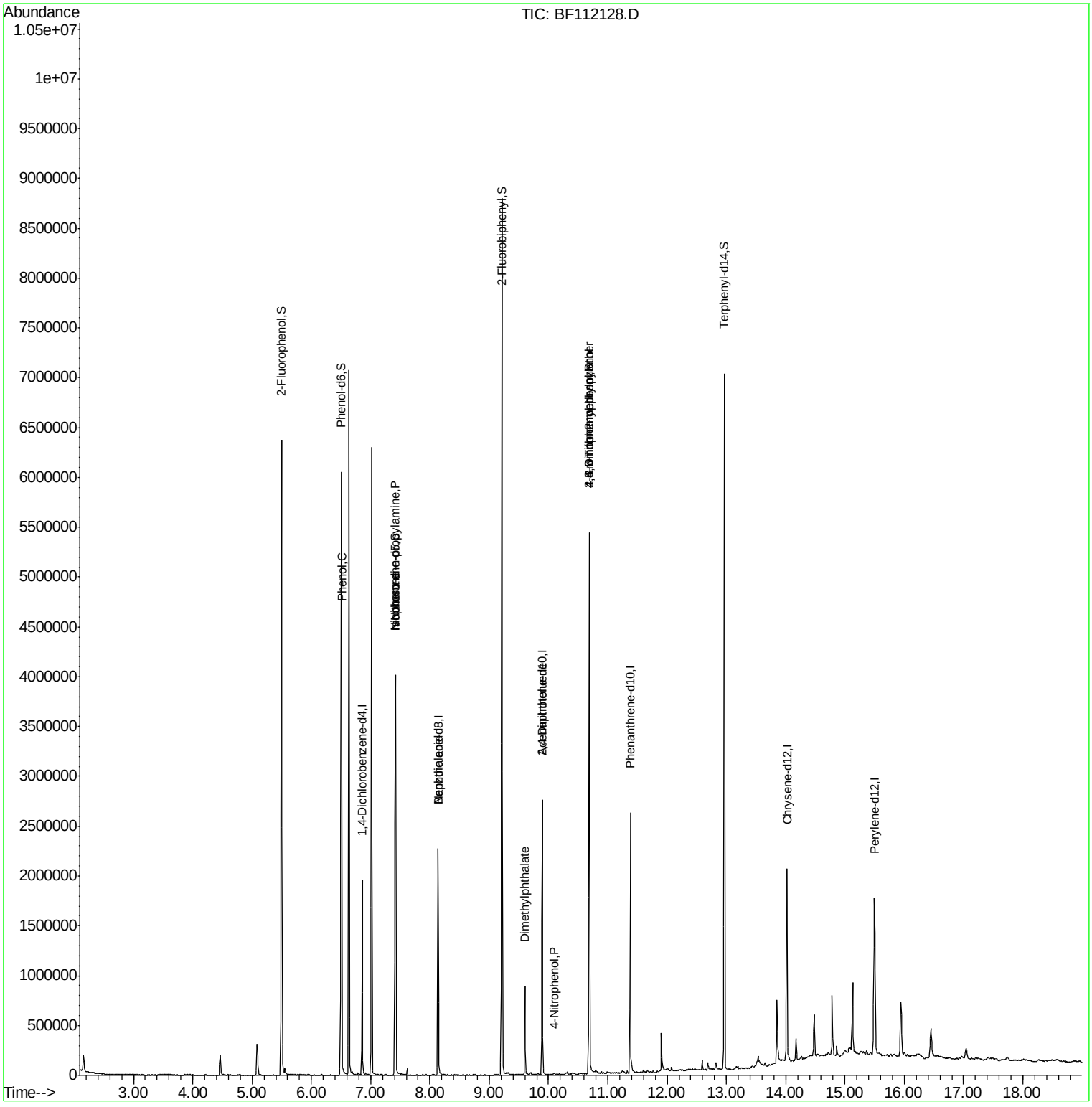
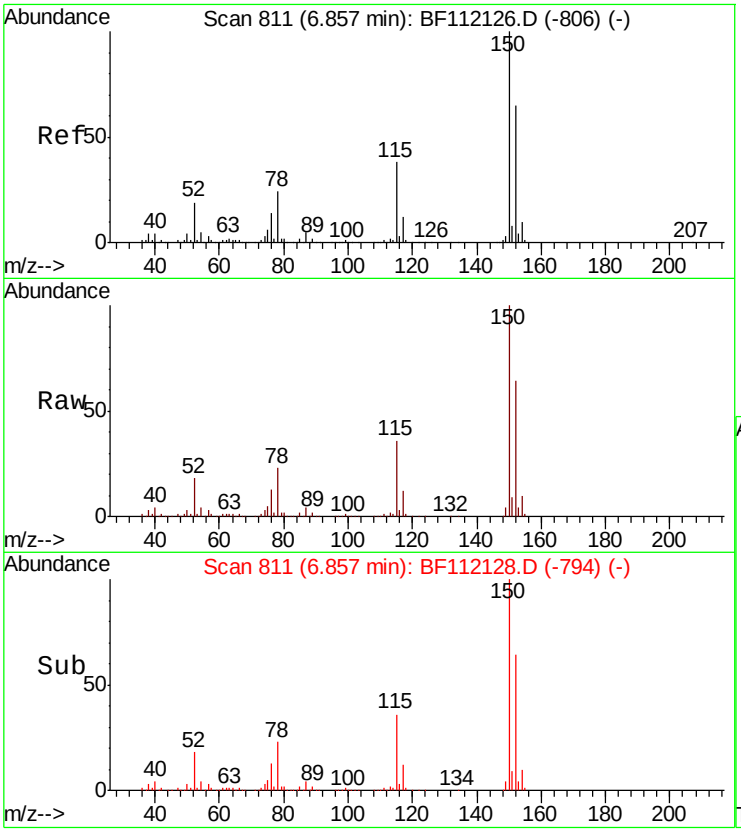
Response via : Initial Calibration



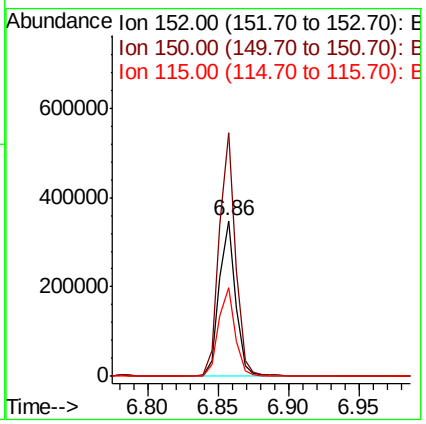


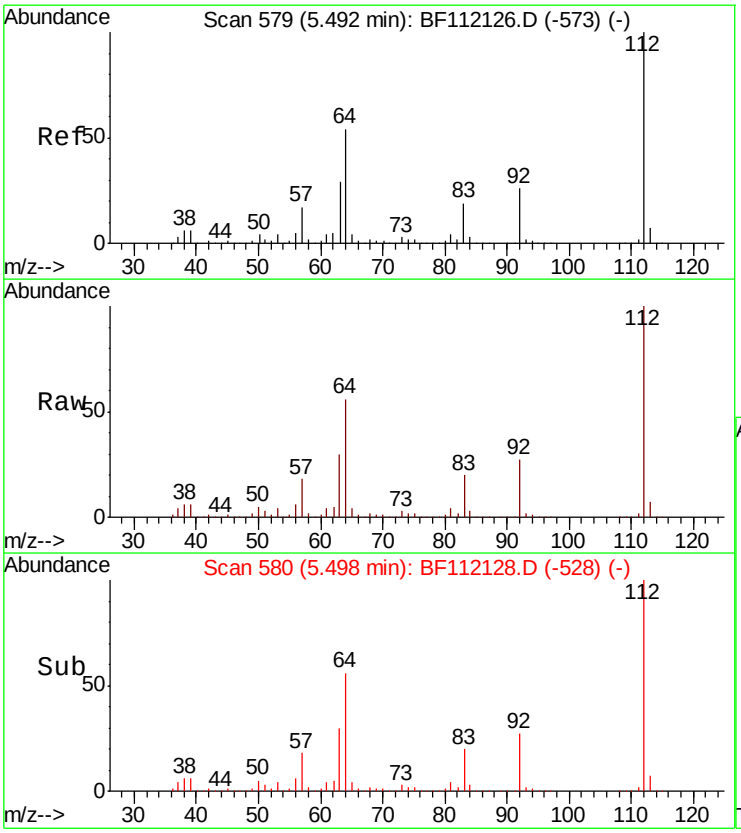
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion:152 Resp: 282687

Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.4	191.0
115	56.9	45.5	68.3

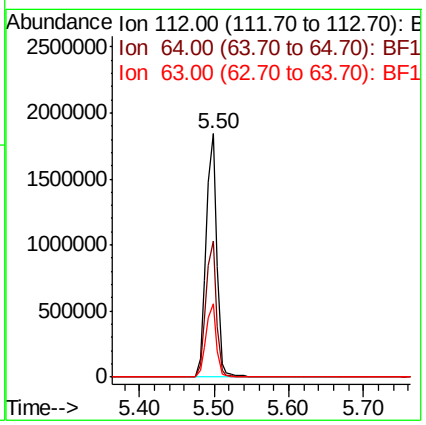


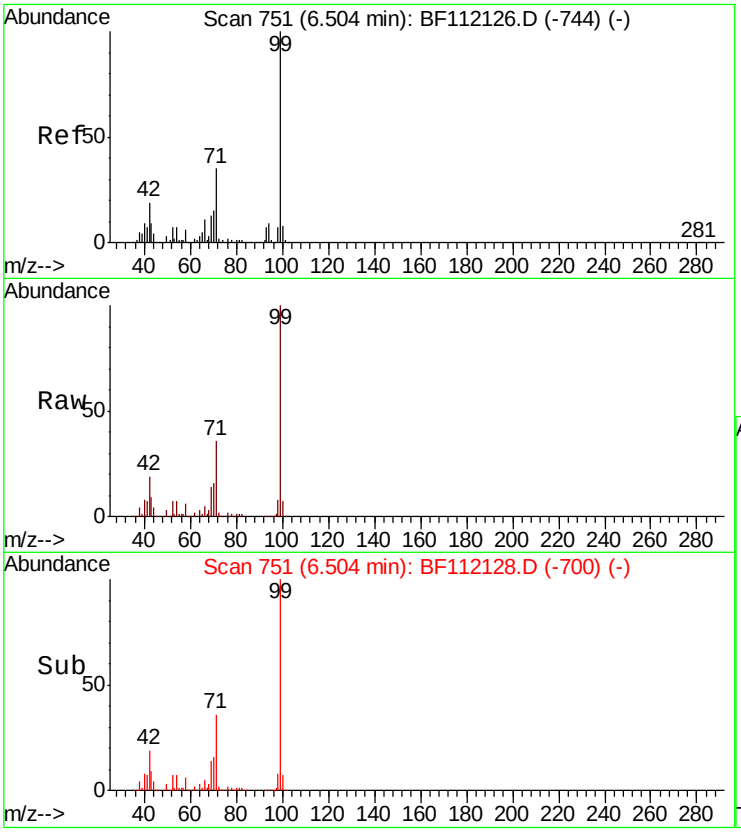


#5
2-Fluorophenol
Concen: 119.409 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion:112 Resp: 1859759

Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.7	68.5
63	30.0	23.6	35.4



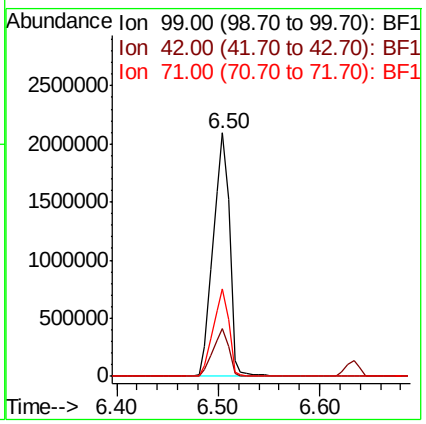


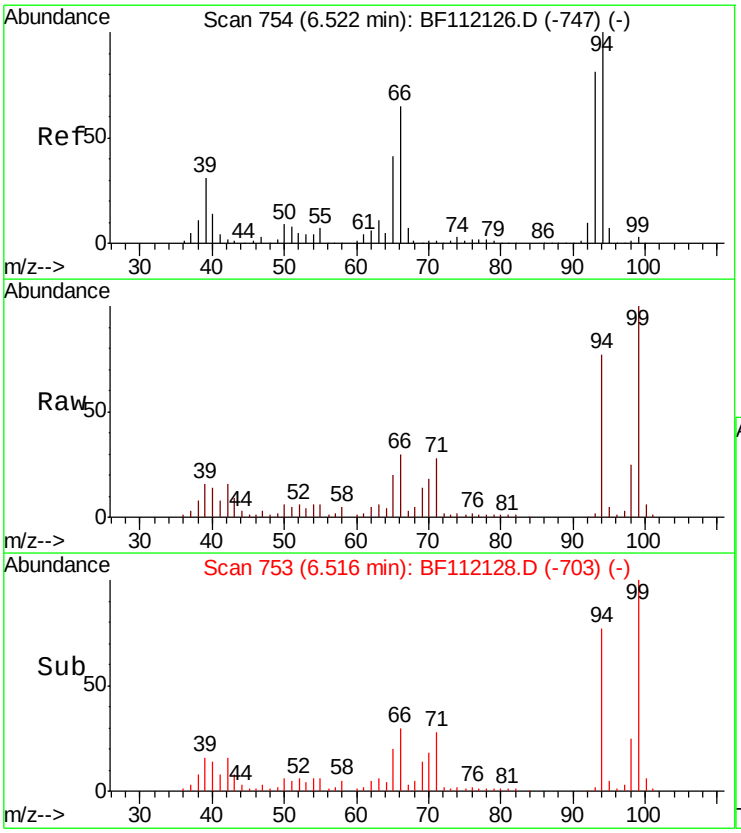
#7
Phenol-d6
Concen: 121.110 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion: 99 Resp: 2360001

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.1	22.7
71	36.0	26.9	40.3

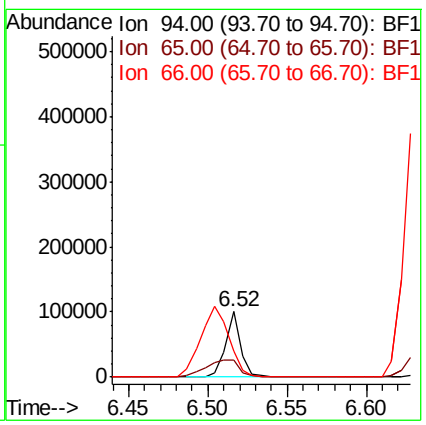


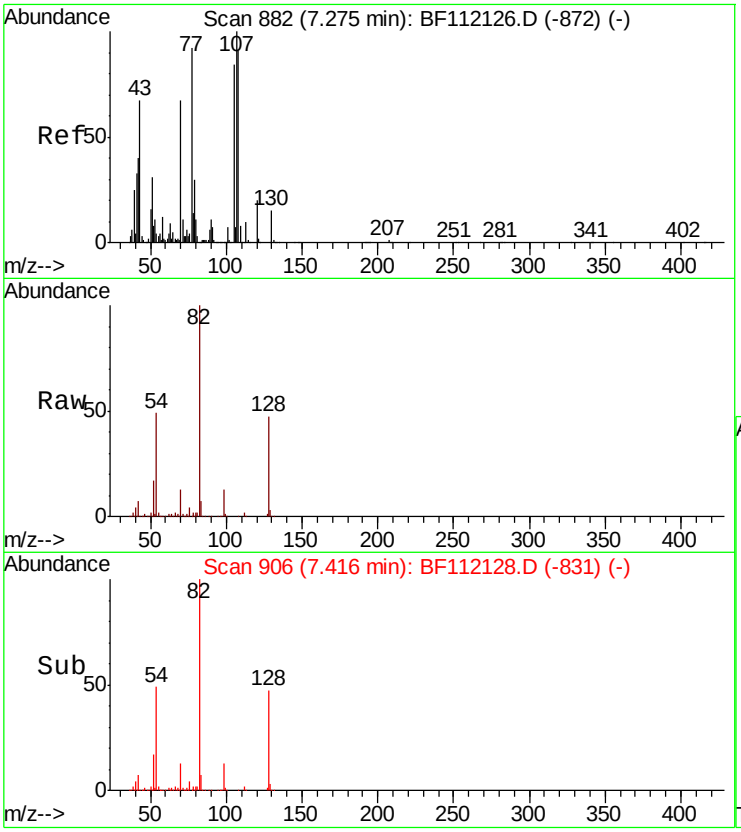


#10
Phenol
Concen: 3.172 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion: 94 Resp: 67552

Ion	Ratio	Lower	Upper
94	100		
65	25.8	20.3	60.3
66	38.8	42.4	82.4#



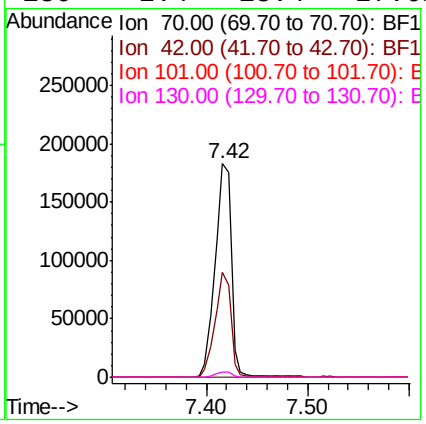


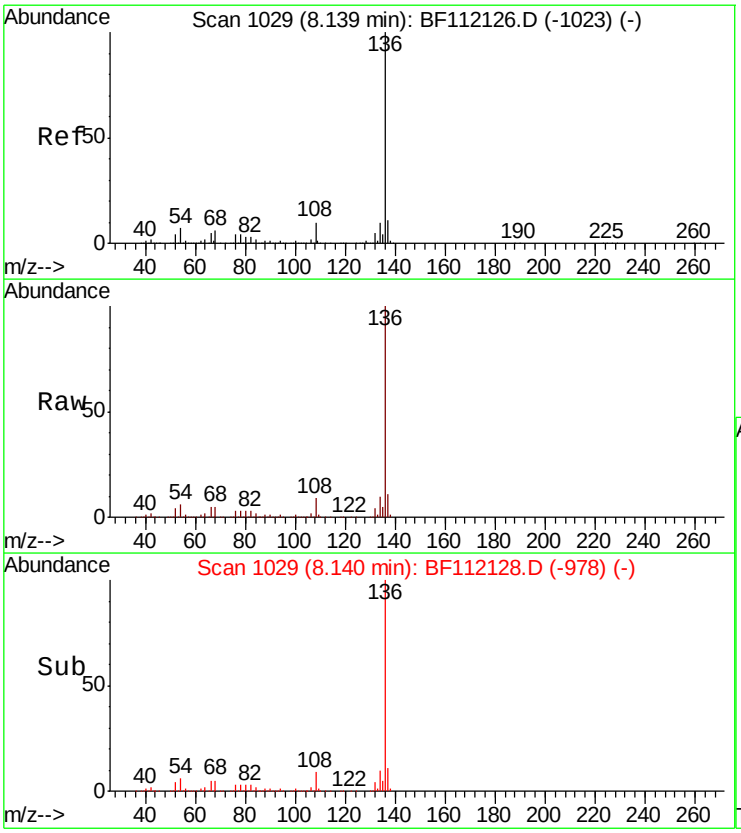
#19
n-Nitroso-di-n-propylamine
Concen: 17.331 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion: 70 Resp: 205735

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.6	71.4
101	0.0	7.9	11.9#
130	2.4	18.4	27.6#

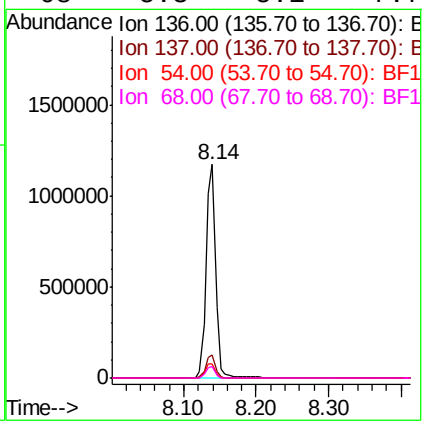


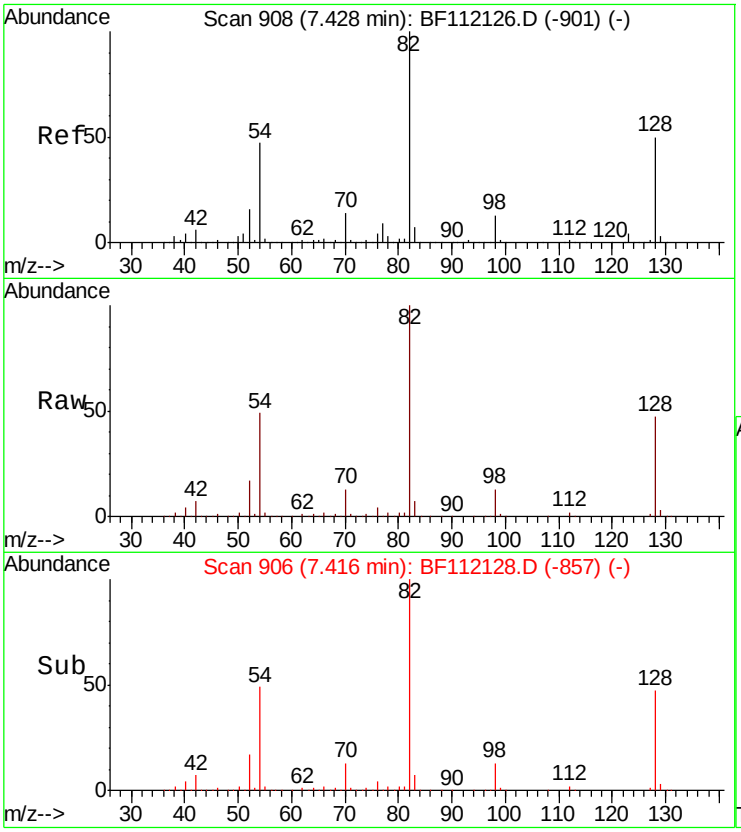


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion:136 Resp: 1074394

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.3	5.9	8.9
68	5.3	5.1	7.7



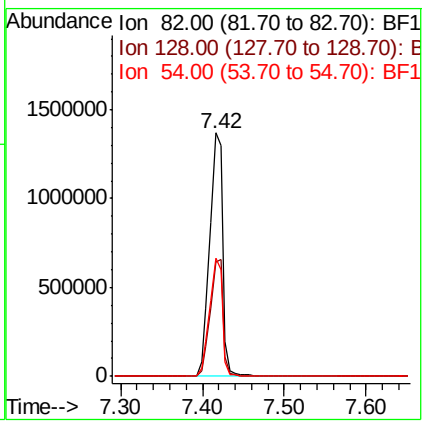


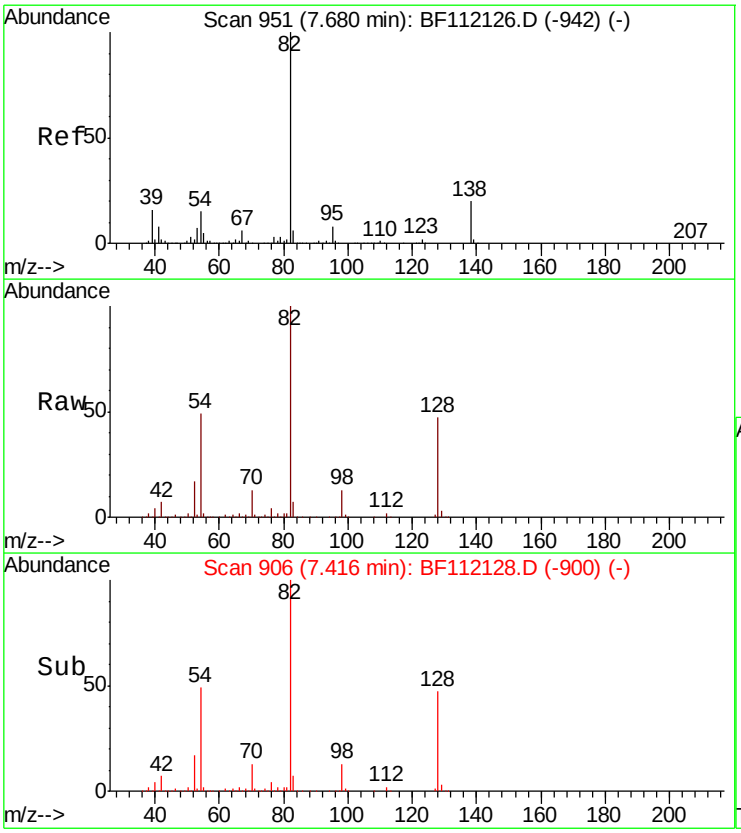
#23
Nitrobenzene-d5
Concen: 97.958 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion: 82 Resp: 1523333

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	48.7	39.7	59.5

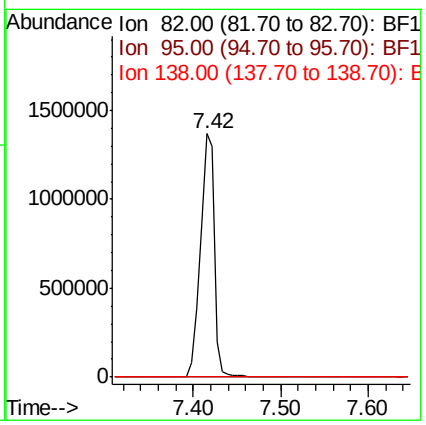


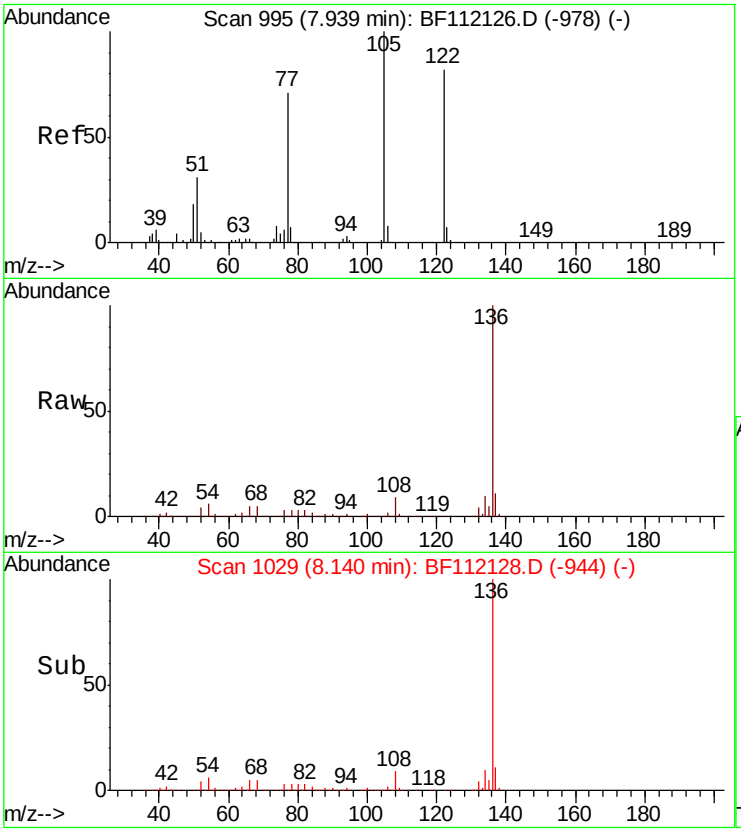


#25
Isophorone
Concen: 50.401 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion: 82 Resp: 1513909

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



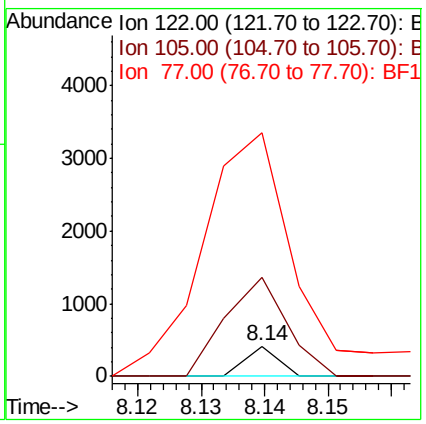


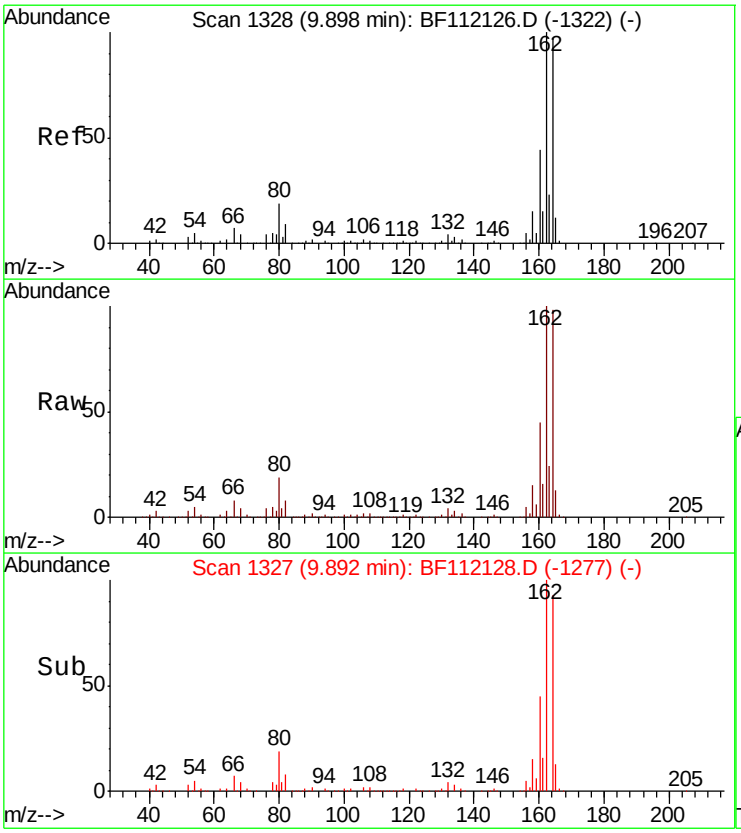
#32
Benzoic acid
Concen: 7.192 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.20 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion:122 Resp: 145

Ion	Ratio	Lower	Upper
122	100		
105	333.3	101.2	141.2#
77	815.6	70.4	110.4#

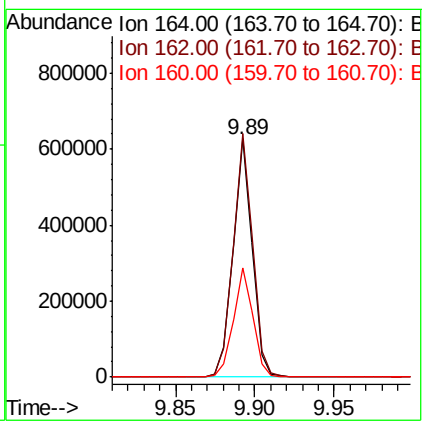


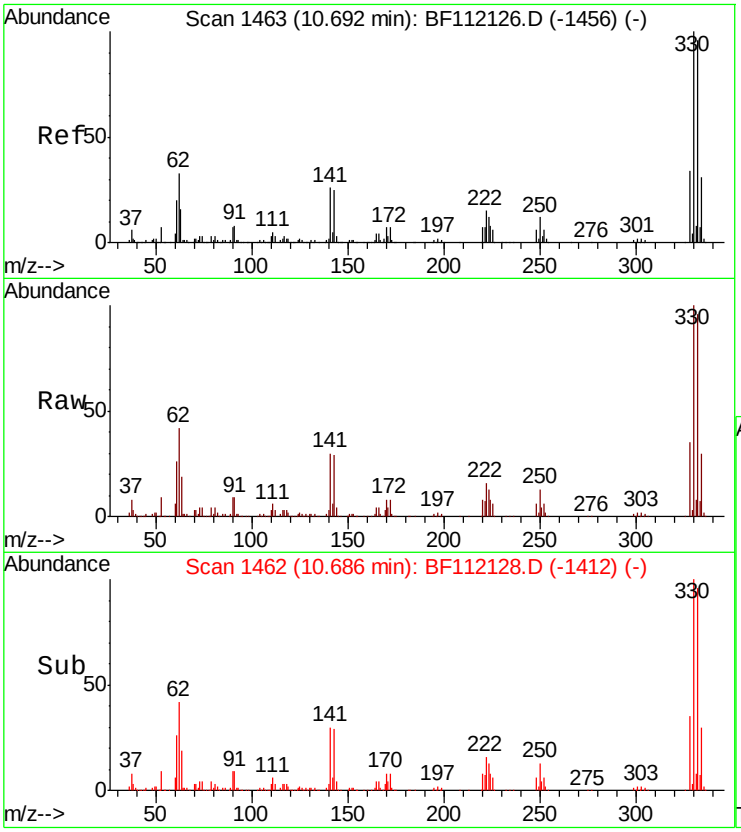


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion:164 Resp: 529043

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.4
160	45.8	36.2	54.4



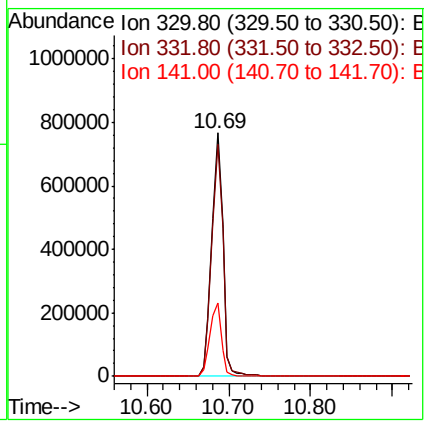


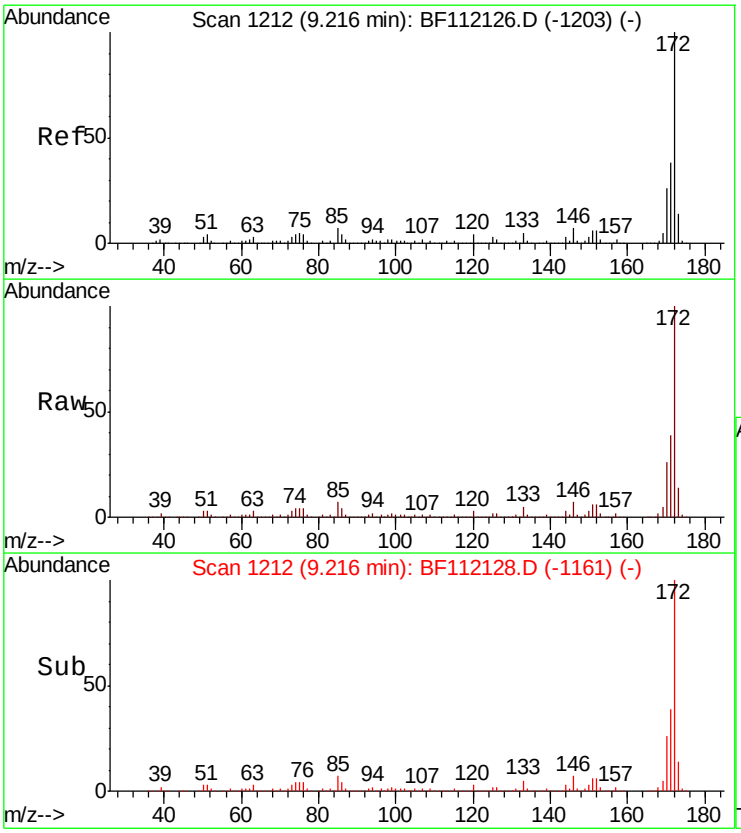
#42
2,4,6-Tribromophenol
Concen: 130.032 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion:330 Resp: 742121

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	30.4	24.3	36.5

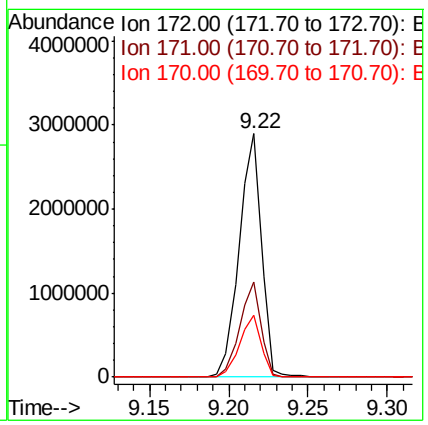


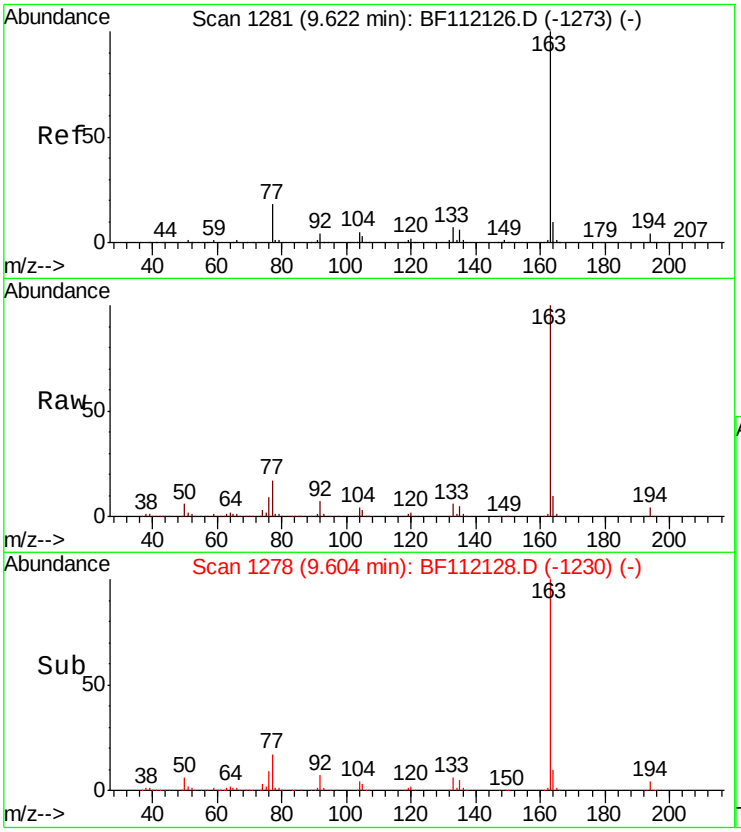


#45
2-Fluorobiphenyl
Concen: 78.211 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion:172 Resp: 2822245

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.5	45.7
170	25.5	20.2	30.4



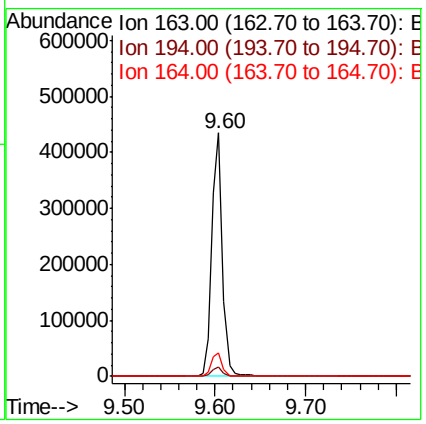


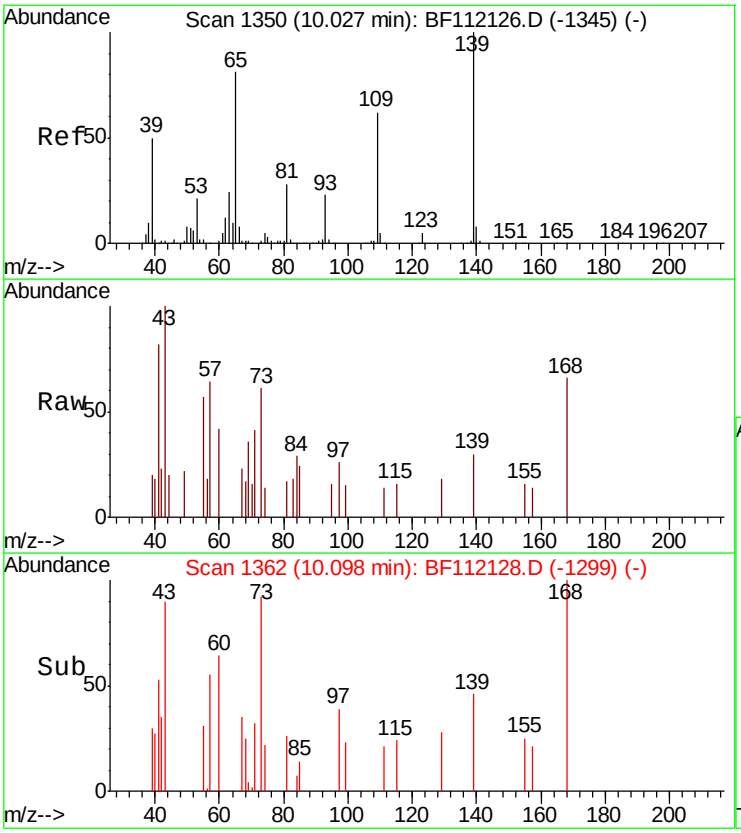
#50
Dimethylphthalate
Concen: 9.234 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion:163 Resp: 356283

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.8	8.5	12.7

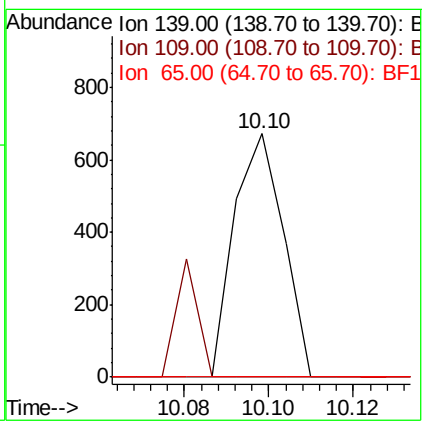


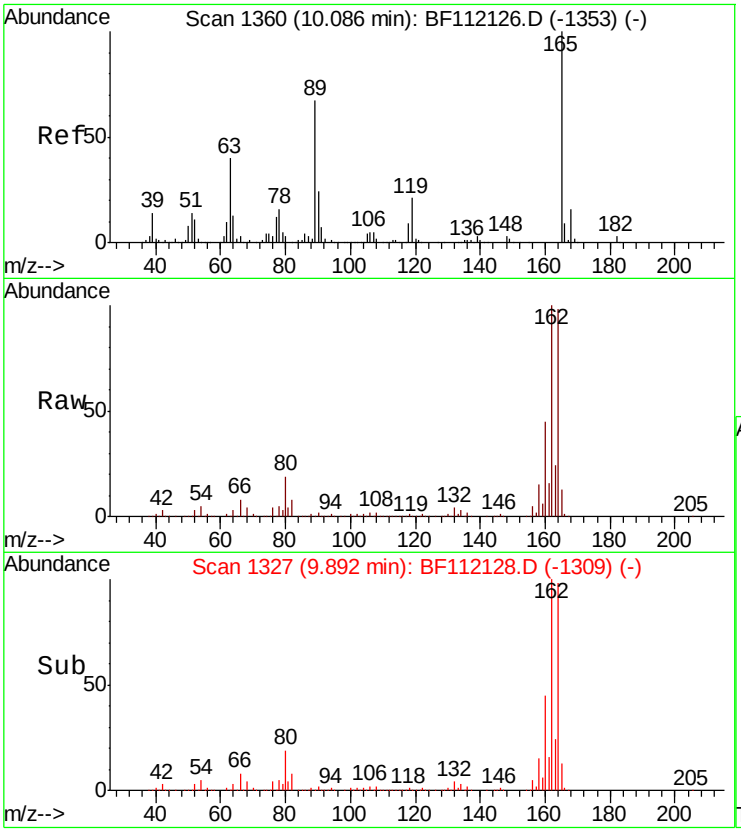


#56
4-Nitrophenol
Concen: 5.737 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.07 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion:139 Resp: 541

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



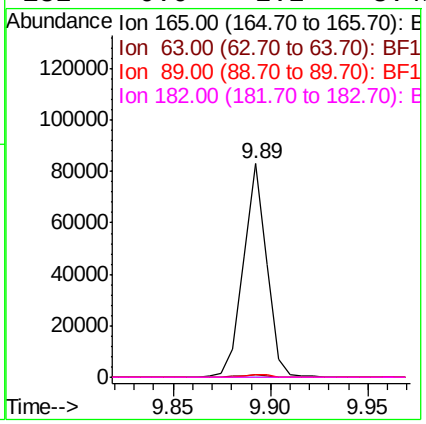


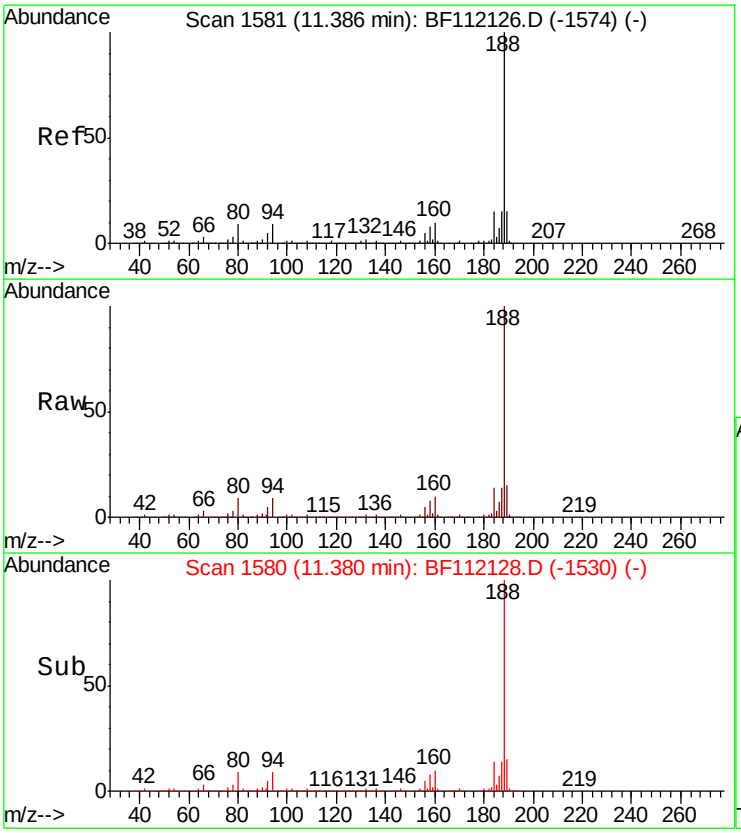
#57
2,4-Dinitrotoluene
Concen: 10.904 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion:165 Resp: 69131

Ion	Ratio	Lower	Upper
165	100		
63	0.9	27.9	41.9#
89	1.1	47.9	71.9#
182	0.0	2.2	3.4#

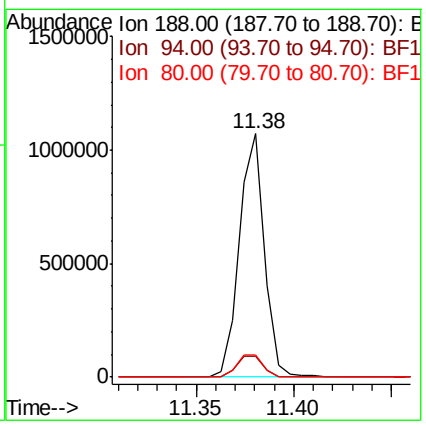


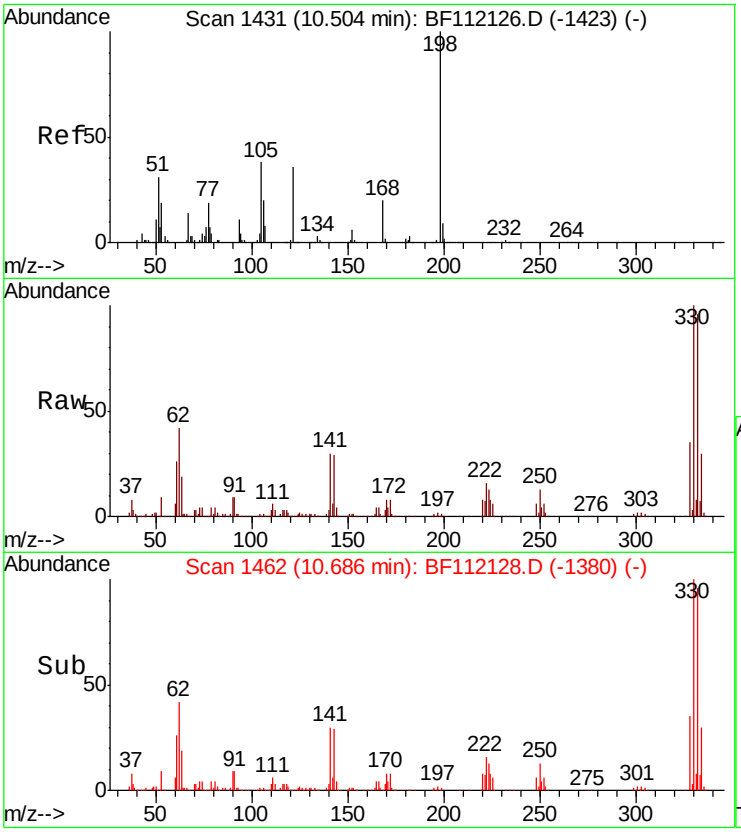


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion:188 Resp: 949973

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.1	8.9	13.3



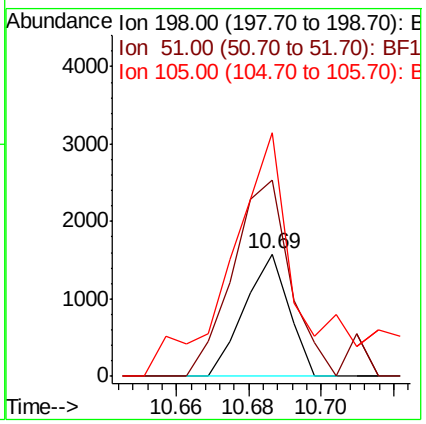


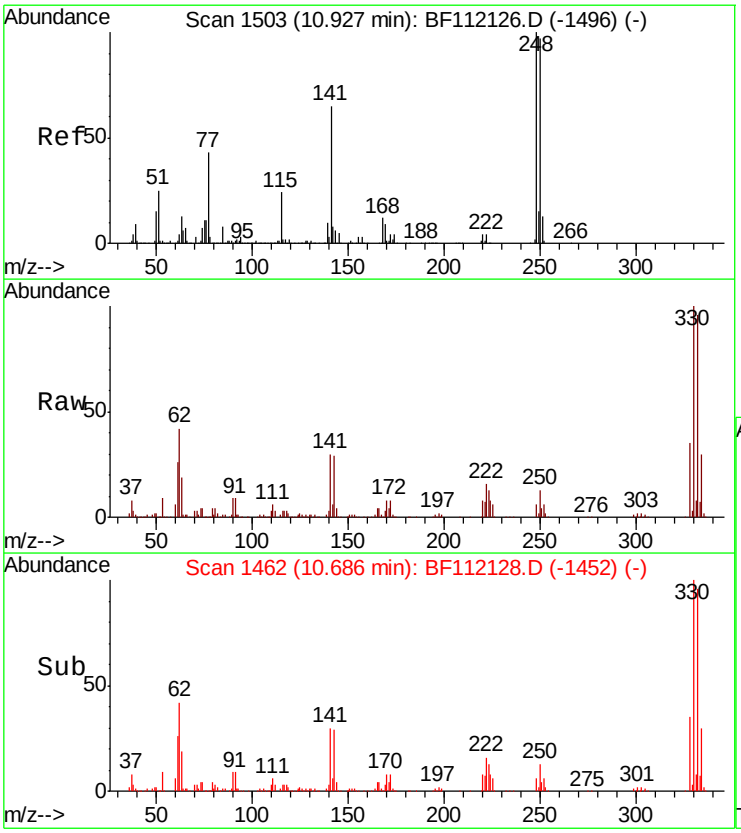
#65
4,6-Dinitro-2-methylphenol
Concen: 10.337 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion:198 Resp: 1341

Ion	Ratio	Lower	Upper
198	100		
51	160.8	17.2	57.2#
105	199.5	21.9	61.9#

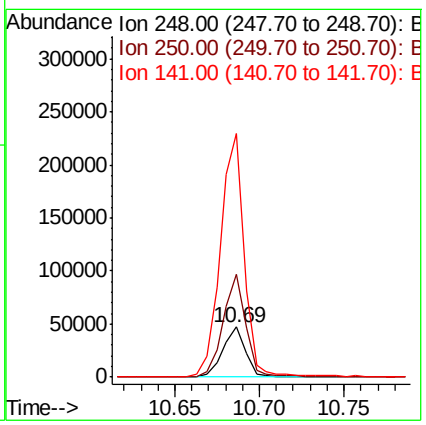


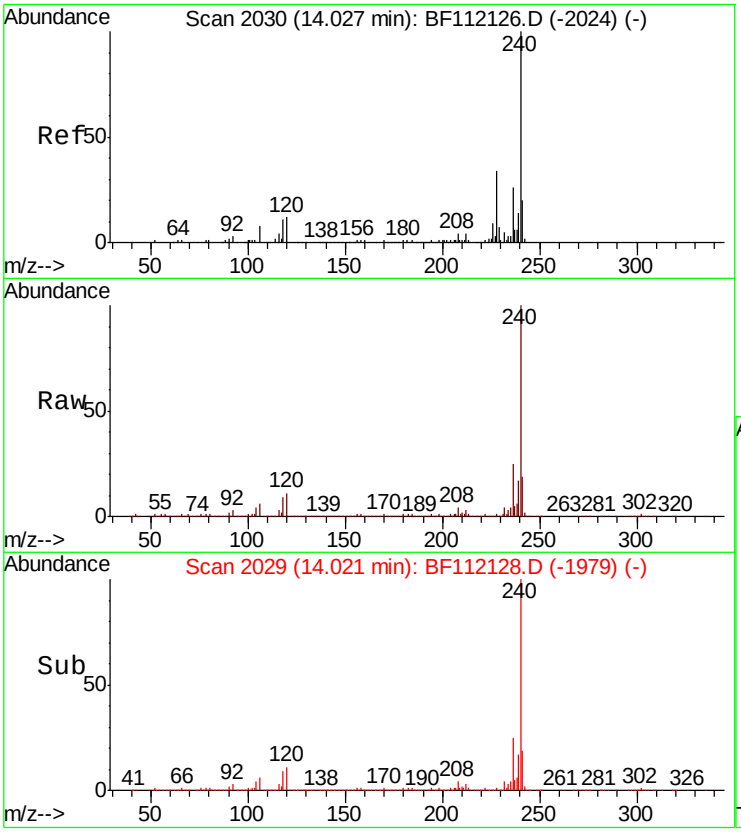


#67
4-Bromophenyl-phenylether
Concen: 3.983 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion:248 Resp: 43954

Ion	Ratio	Lower	Upper
248	100		
250	206.0	79.7	119.5#
141	488.9	60.3	90.5#



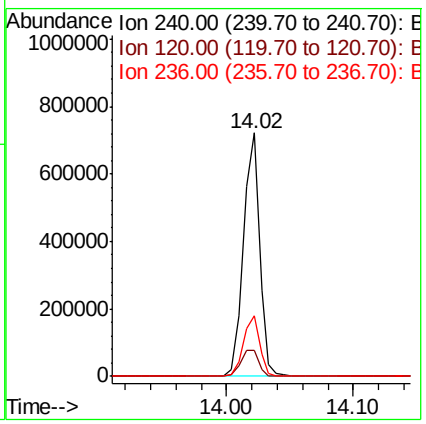


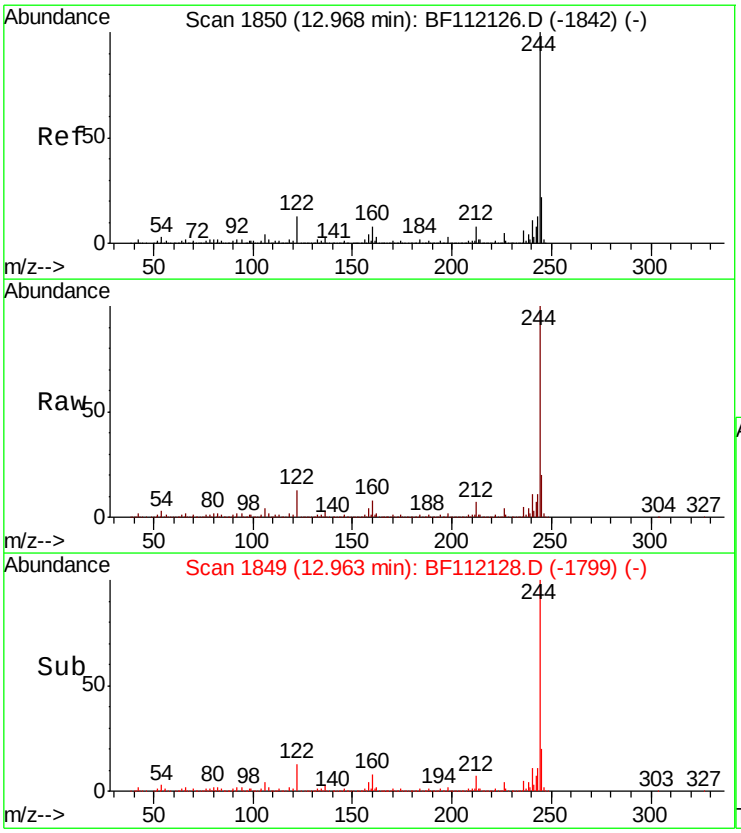
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion:240 Resp: 634923

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.6
236	25.1	20.7	31.1

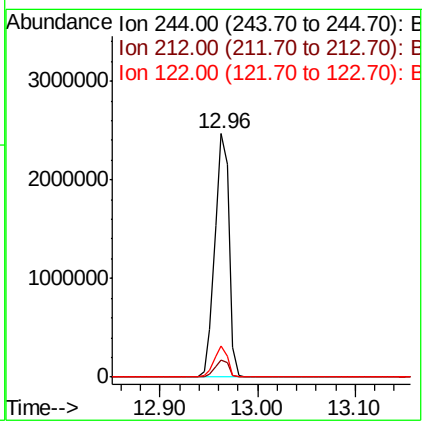


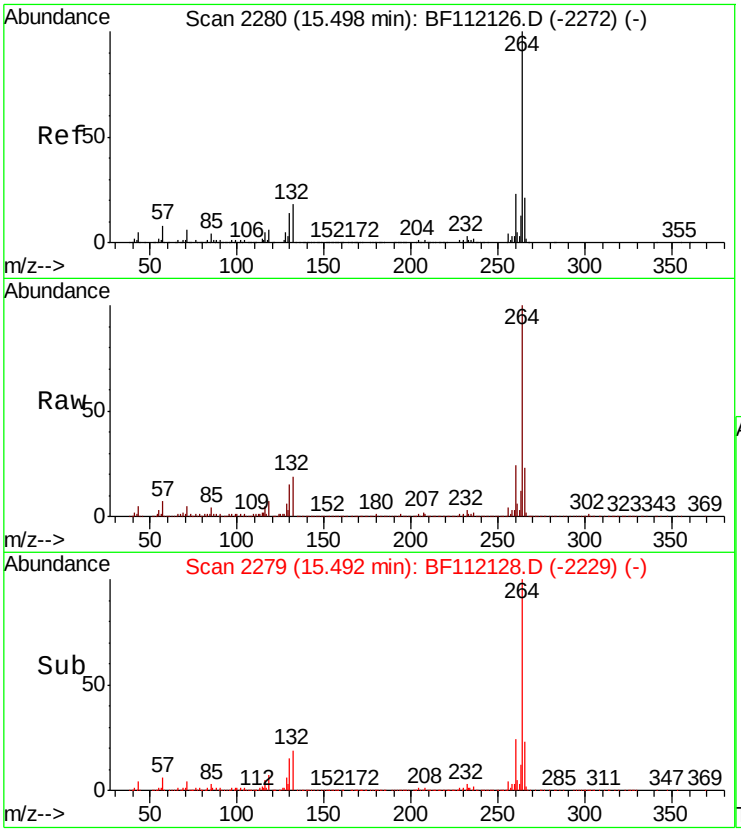


#79
Terphenyl-d14
Concen: 83.661 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion:244 Resp: 2496899

Ion	Ratio	Lower	Upper
244	100		
212	7.3	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: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tgt Ion:264 Resp: 655577

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	22.7	17.0	25.4