Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-FRONT-HOUSE-7

Quant Time: Jan 18 23:36:59 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	280487	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1083505	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	531162	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	979854	20.00	ng		0.00
76) Chrysene-d12	14.02	240	693049	20.00	ng		0.00
87) Perylene-d12	15.49	264	704352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1534526	99.30	ng		0.00
7) Phenol-d6	6.50	99	1922568	99.44	ng		0.00
23) Nitrobenzene-d5	7.42	82	1220494	77.82	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	600958	104.88	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2149732	59.34	ng		0.00
79) Terphenyl-d14	12.96	244	1990716	61.11	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	3879	Below Cal		#	1
10) Phenol	6.51	94	49183	2.328	ng		92
19) n-Nitroso-di-n-propylamine	7.42	70	162391	13.787	ng	#	78
25) Isophorone	7.42	82	1207425	39.860	ng	#	63
32) Benzoic acid	8.14	122	145	7.192	ng	#	1
50) Dimethylphthalate	9.60	163	259721	6.705	ng		99
56) 4-Nitrophenol	10.10	139	120	5.673	ng	#	12
57) 2,4-Dinitrotoluene	9.89	165	67312	10.713	ng	#	31
65) 4,6-Dinitro-2-methylphenol	10.69	198	1000	10.263	ng	#	1
67) 4-Bromophenyl-phenylether	10.69	248	35706	3.137	ng	#	1

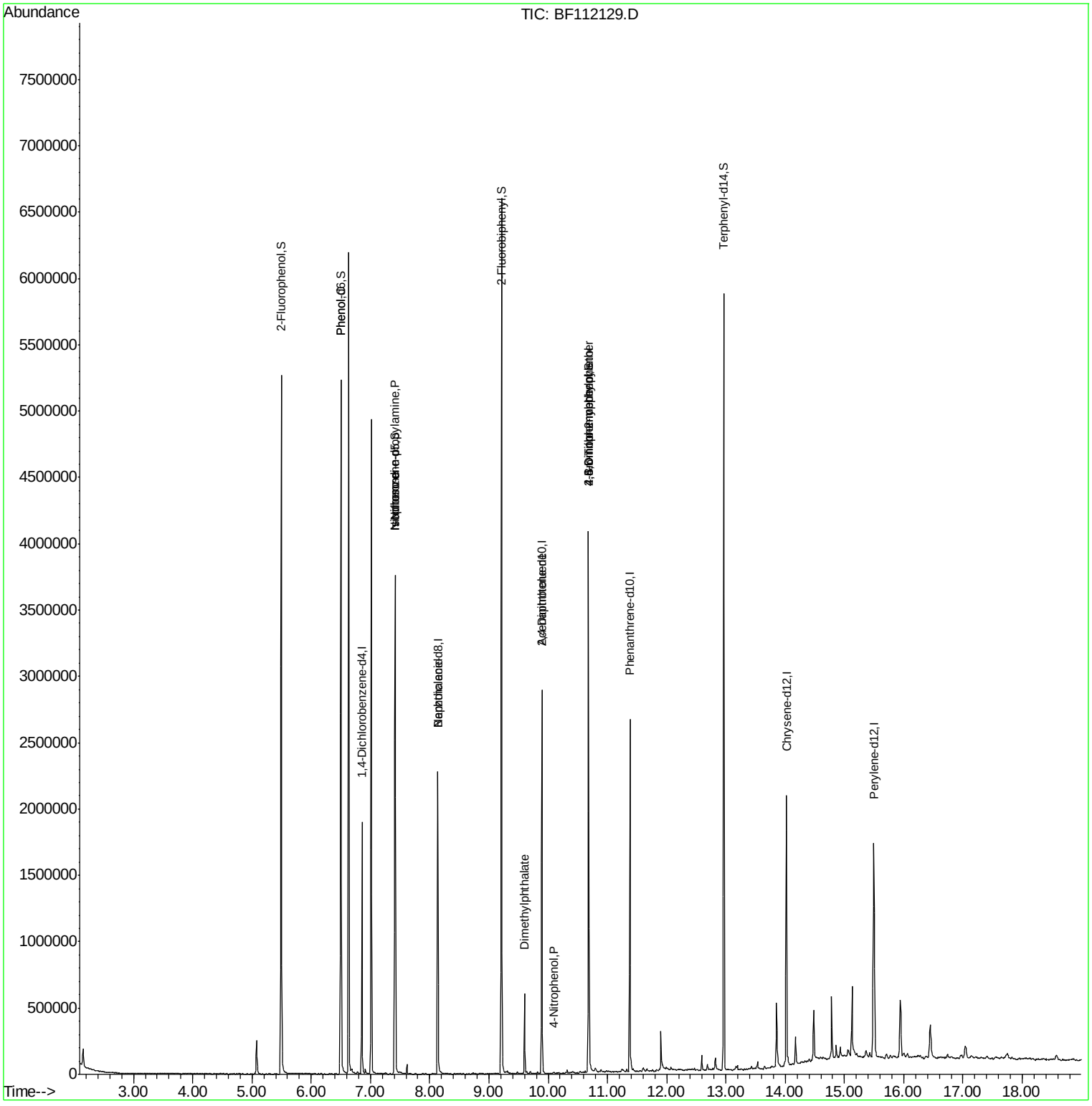
(#) = qualifier out of range (m) = manual integration (+) = signals summed

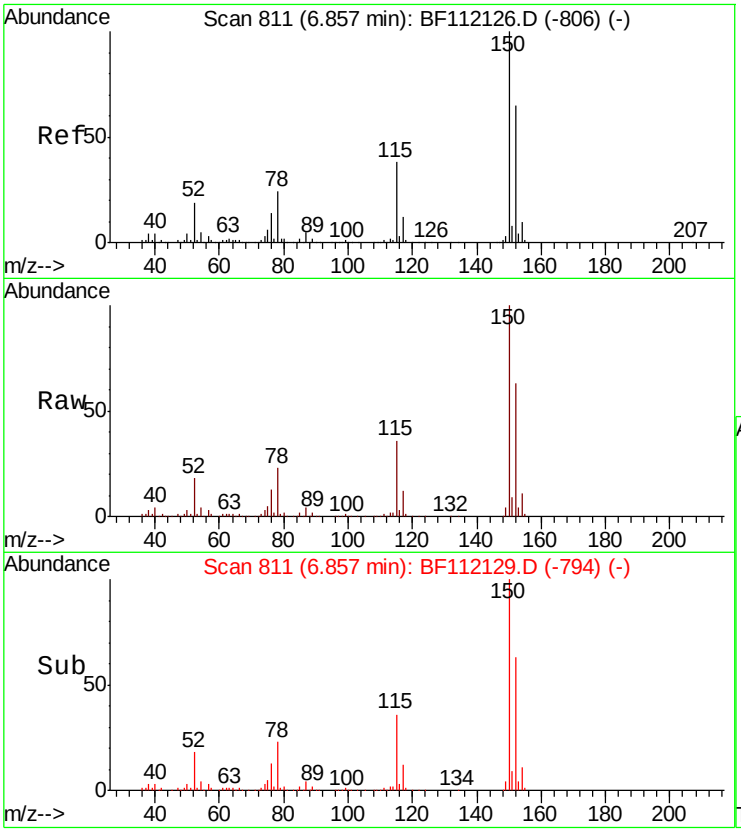
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112129.D
Acq On : 18 Jan 2019 17:26
Operator : JU/SJ
Sample : K1188-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Quant Time: Jan 18 23:36:59 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



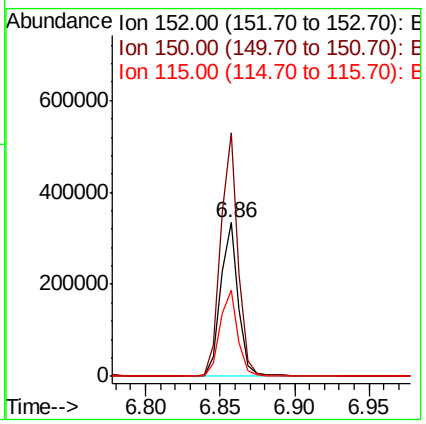


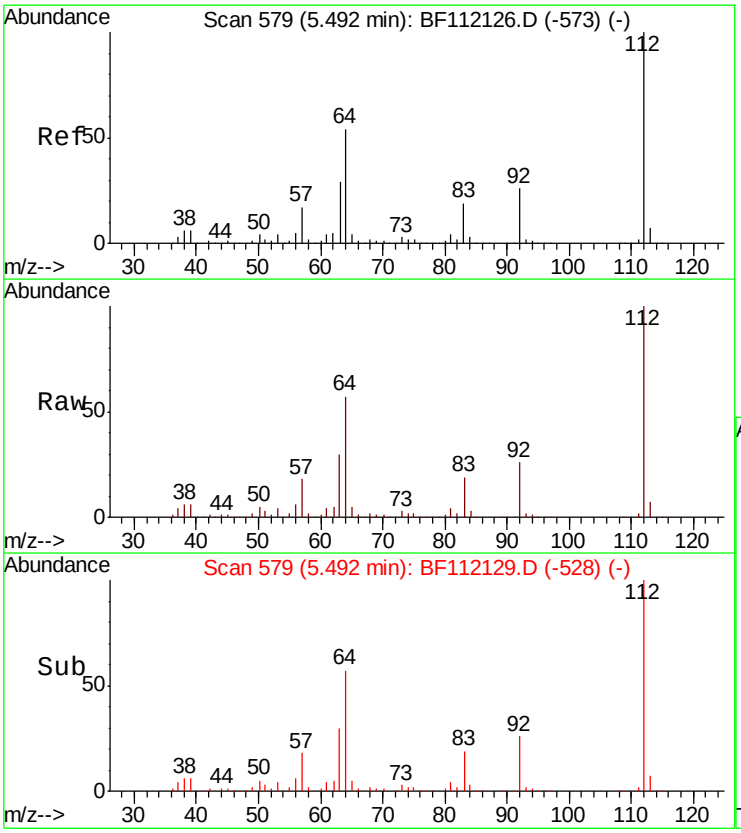
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tgt Ion:152 Resp: 280487

Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.4	191.0
115	56.2	45.5	68.3

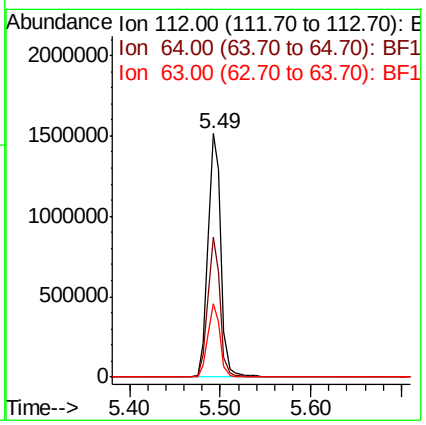


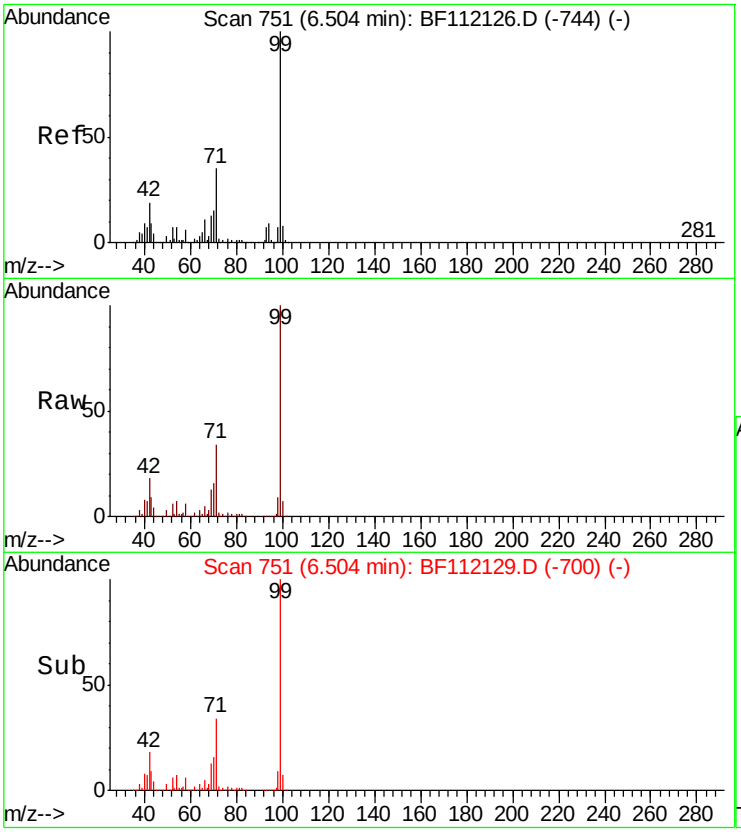


#5
2-Fluorophenol
Concen: 99.300 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Tgt Ion:112 Resp: 1534526

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.7	68.5
63	30.3	23.6	35.4



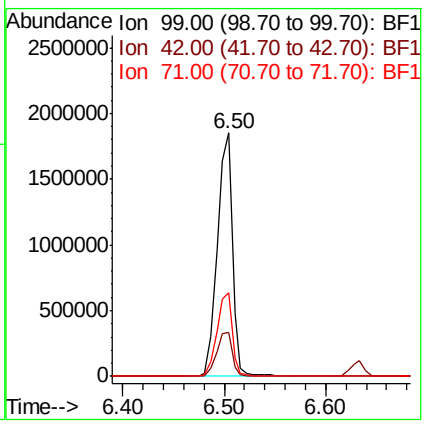


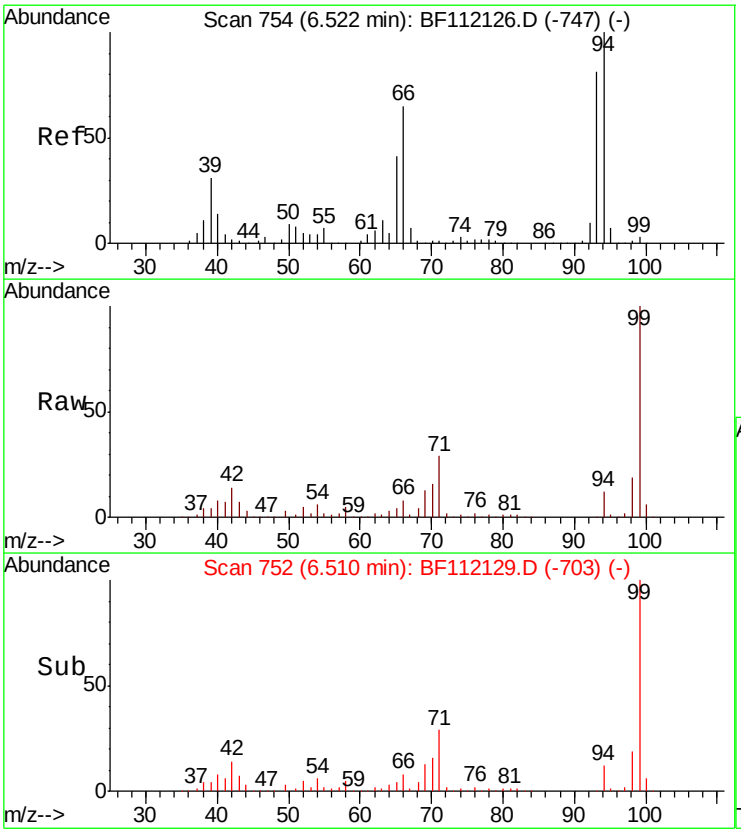
#7
Phenol-d6
Concen: 99.436 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tgt Ion: 99 Resp: 1922568

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.1	22.7
71	34.5	26.9	40.3

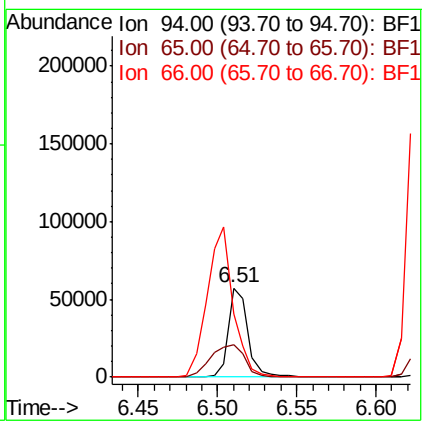


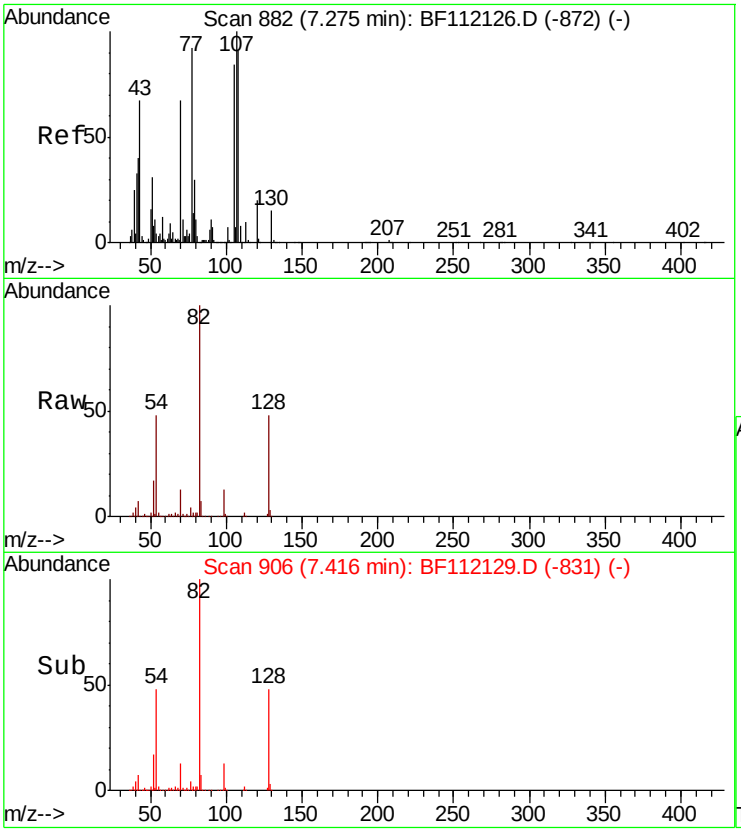


#10
Phenol
Concen: 2.328 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Tgt Ion: 94 Resp: 49183

Ion	Ratio	Lower	Upper
94	100		
65	37.0	20.3	60.3
66	70.3	42.4	82.4



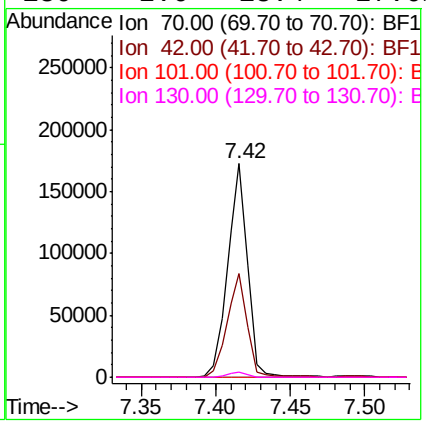


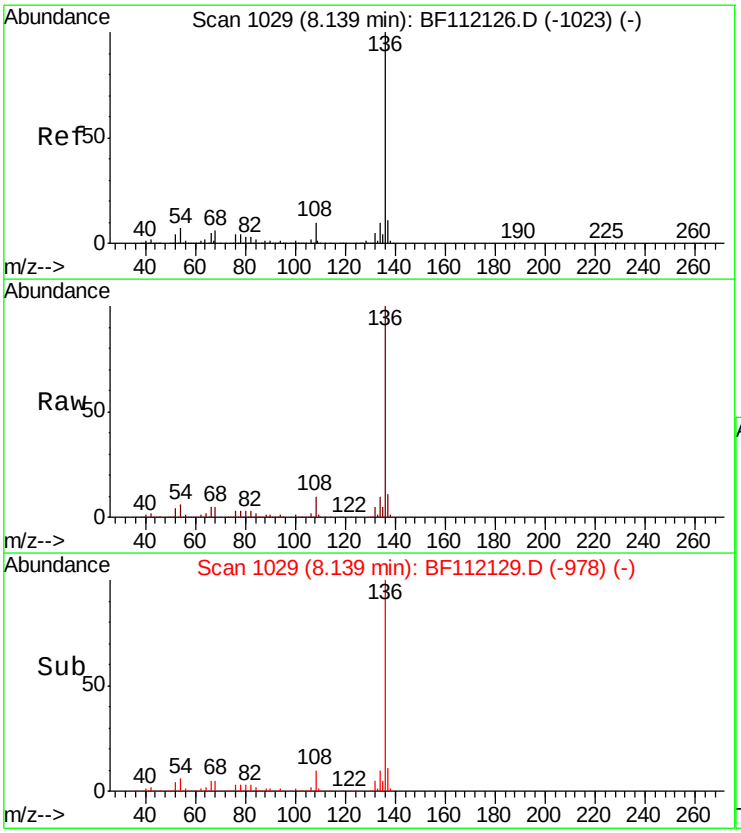
#19
n-Nitroso-di-n-propylamine
Concen: 13.787 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tgt Ion: 70 Resp: 162391

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.6	71.4
101	0.0	7.9	11.9#
130	2.6	18.4	27.6#

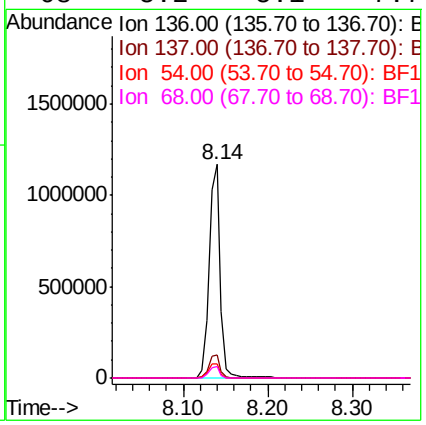


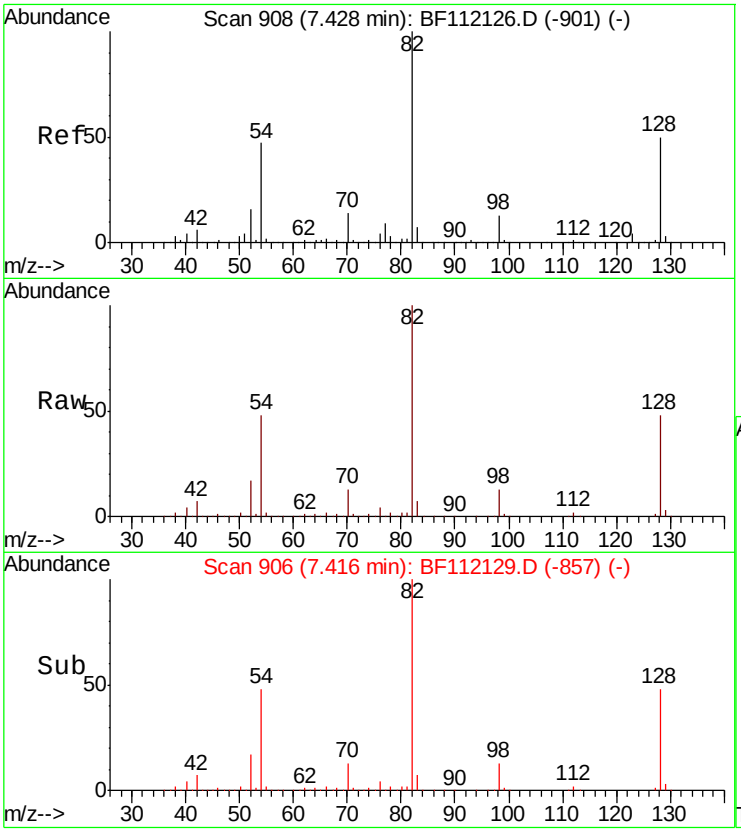


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Tgt Ion:136 Resp: 1083505

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.4	5.9	8.9
68	5.2	5.1	7.7



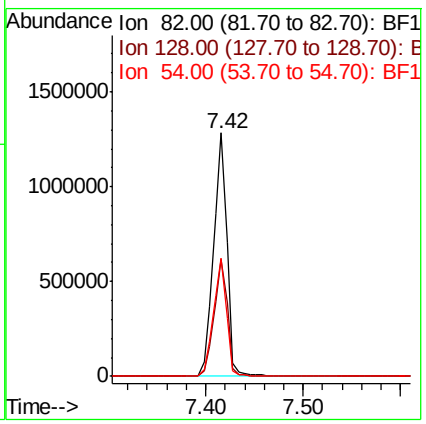


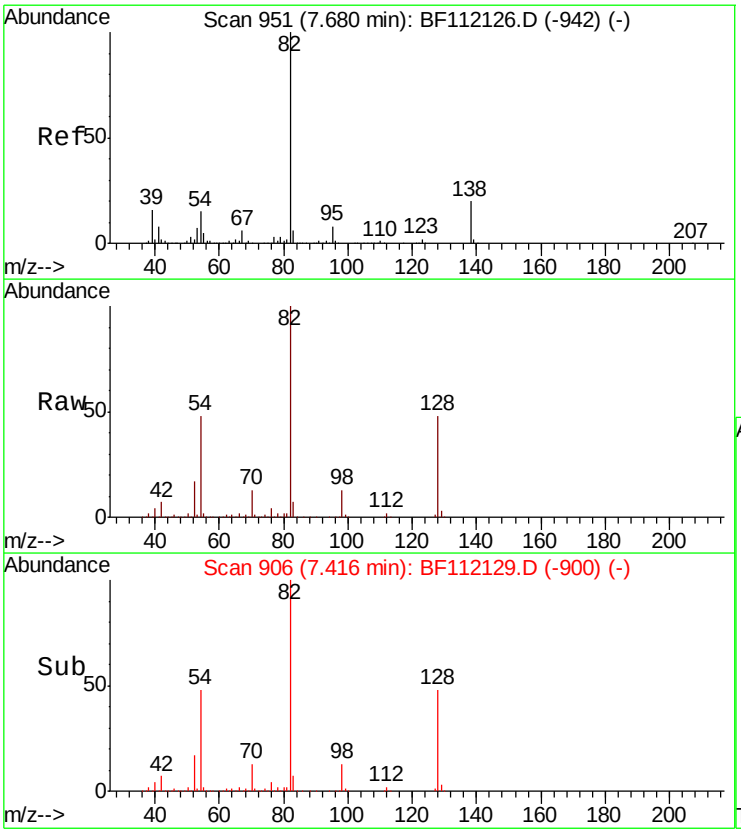
#23
Nitrobenzene-d5
Concen: 77.824 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tgt Ion: 82 Resp: 1220494

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.8	56.8
54	48.3	39.7	59.5

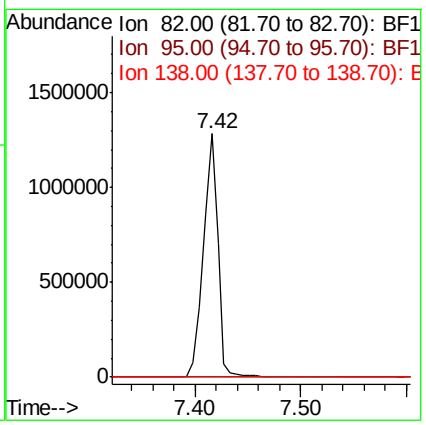


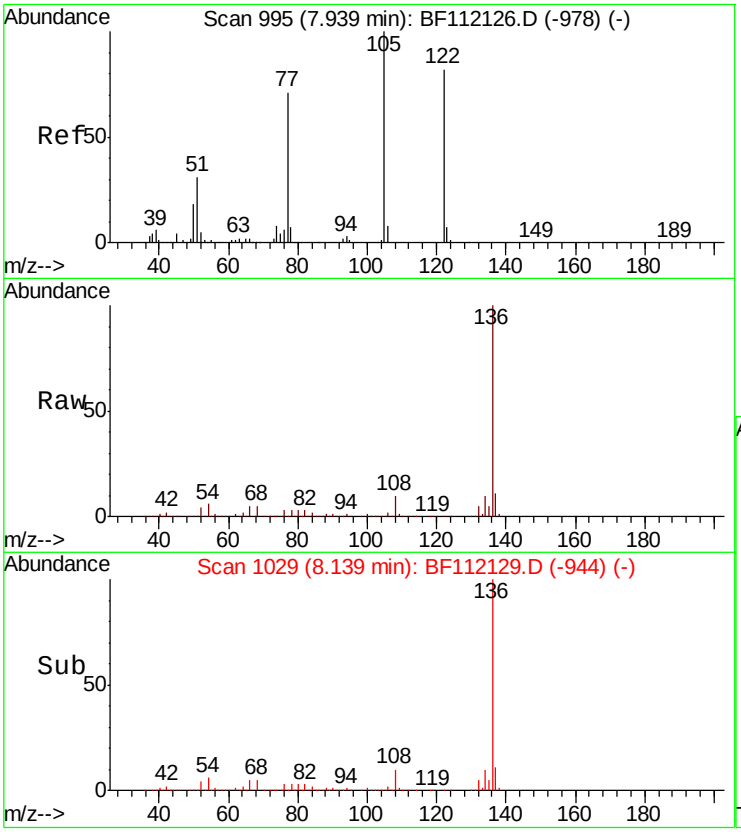


#25
Isophorone
Concen: 39.860 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Tgt Ion: 82 Resp: 1207425

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



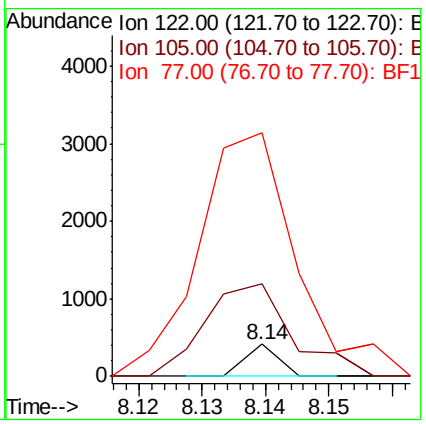


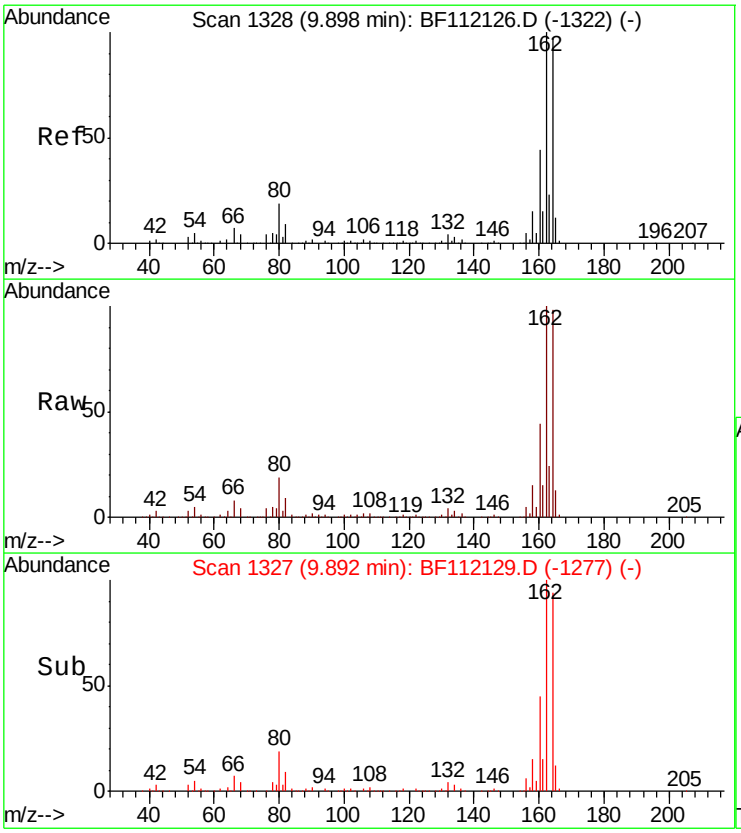
#32
Benzoic acid
Concen: 7.192 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.20 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tgt Ion:122 Resp: 145

Ion	Ratio	Lower	Upper
122	100		
105	292.9	101.2	141.2#
77	765.6	70.4	110.4#

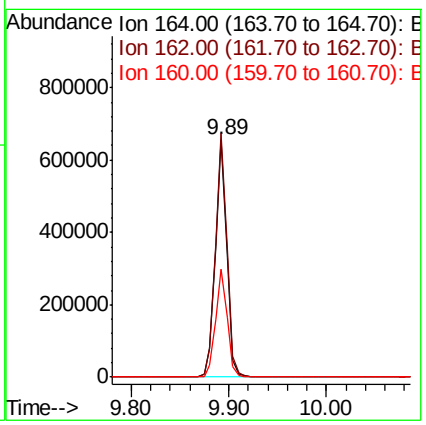


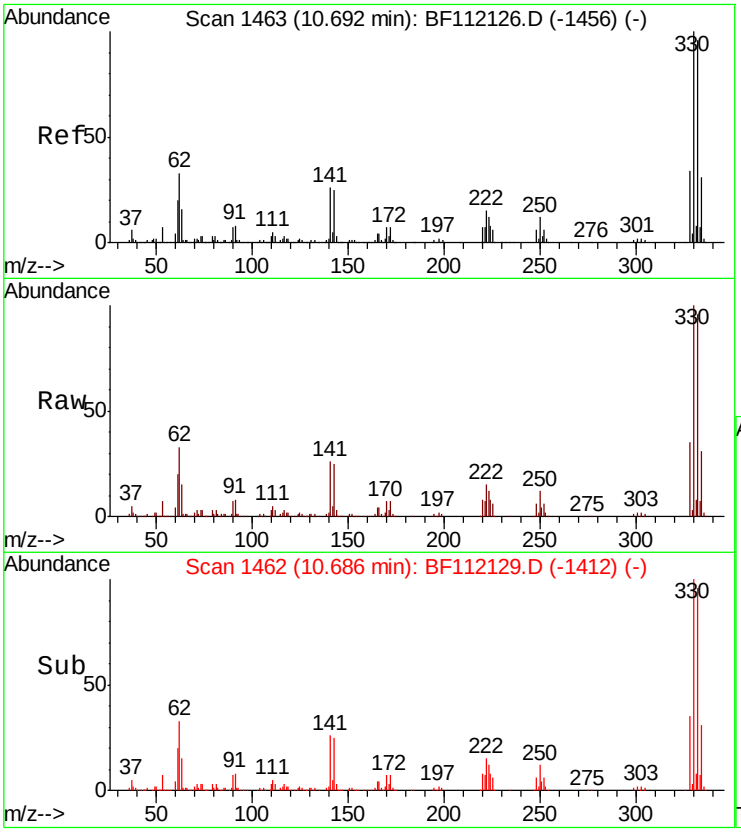


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Tgt Ion:164 Resp: 531162

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.4
160	45.4	36.2	54.4



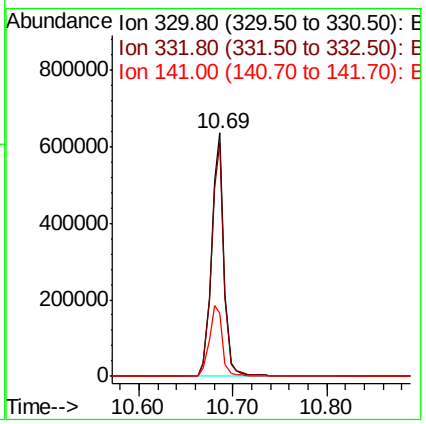


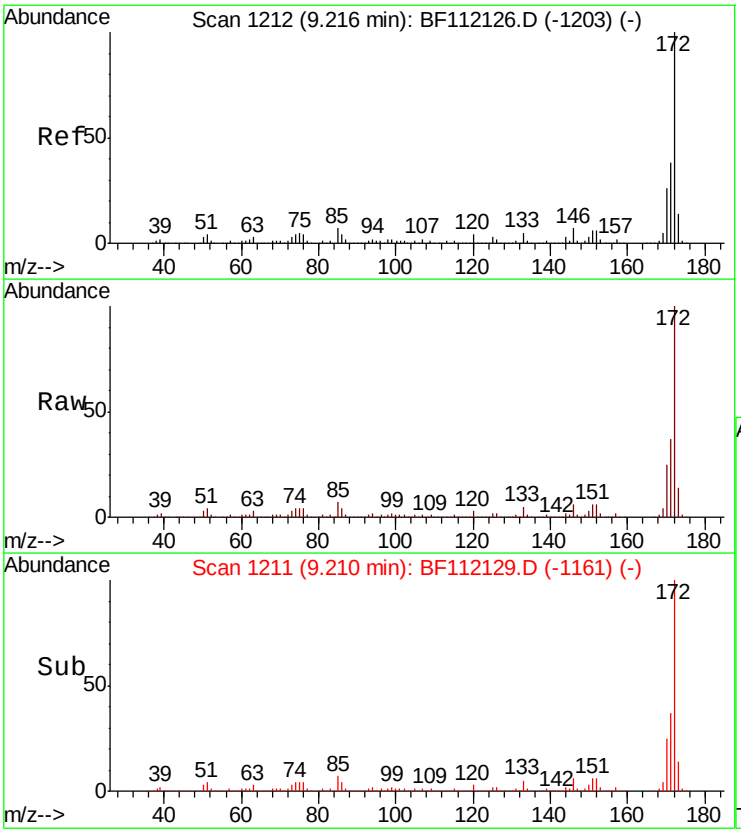
#42
2,4,6-Tribromophenol
Concen: 104.878 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tgt Ion:330 Resp: 600958

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	30.9	24.3	36.5

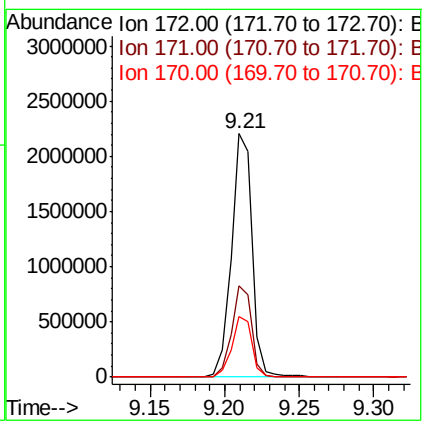


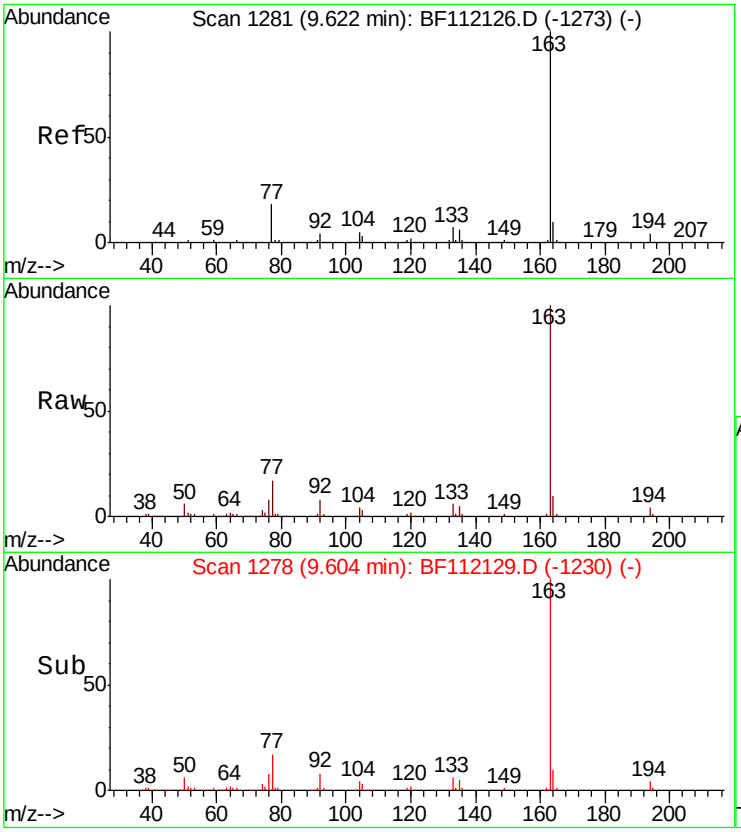


#45
2-Fluorobiphenyl
Concen: 59.337 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Tgt Ion:172 Resp: 2149732

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.8	20.2	30.4



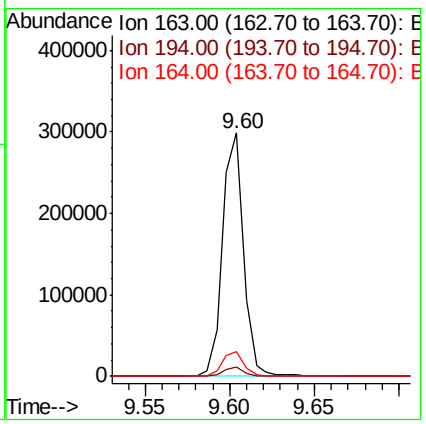


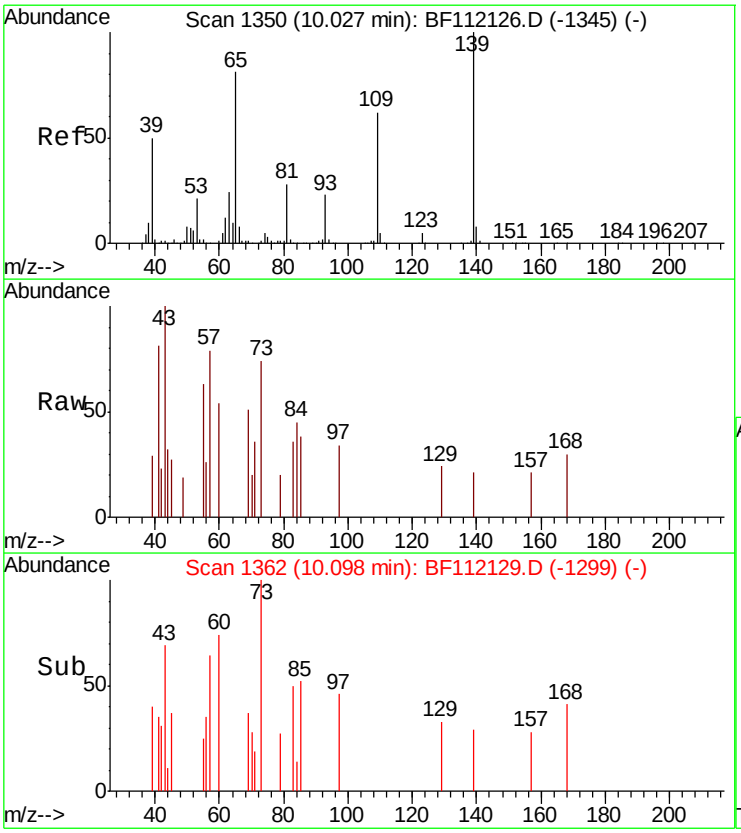
#50
Dimethylphthalate
Concen: 6.705 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tgt Ion:163 Resp: 259721

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.5	12.7

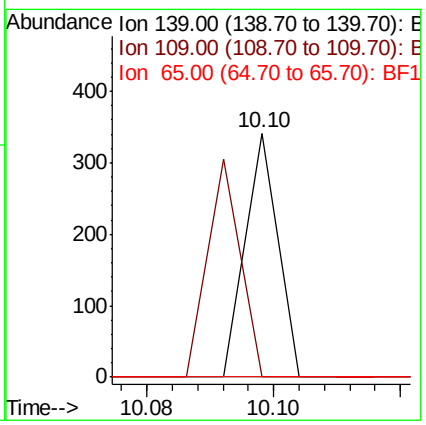


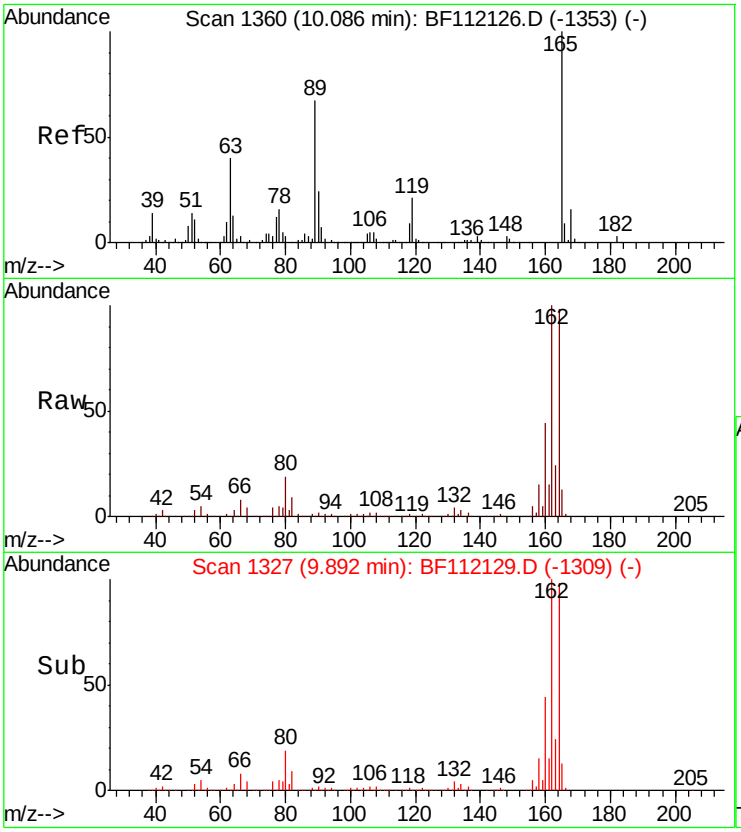


#56
4-Nitrophenol
Concen: 5.673 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.07 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Tgt Ion:139 Resp: 120

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



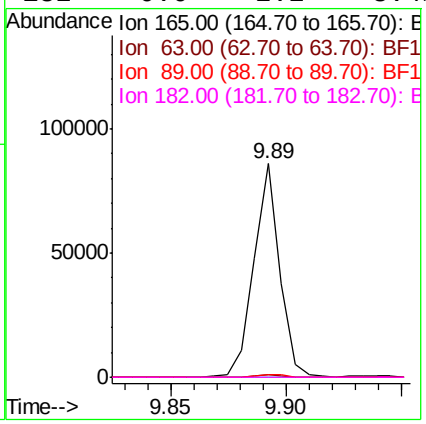


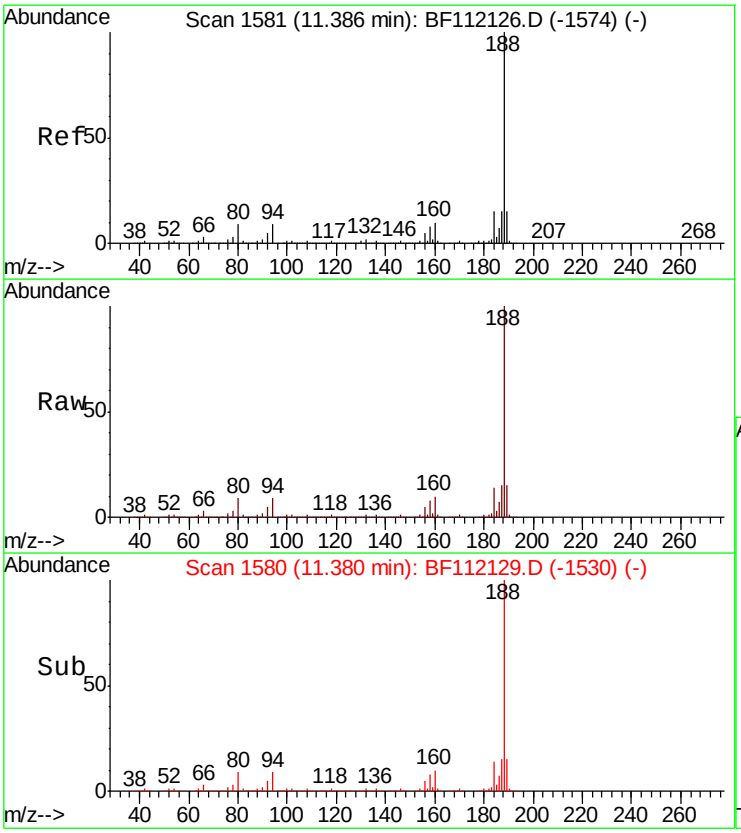
#57
2,4-Dinitrotoluene
Concen: 10.713 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tgt Ion:165 Resp: 67312

Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.9	41.9#
89	1.5	47.9	71.9#
182	0.0	2.2	3.4#

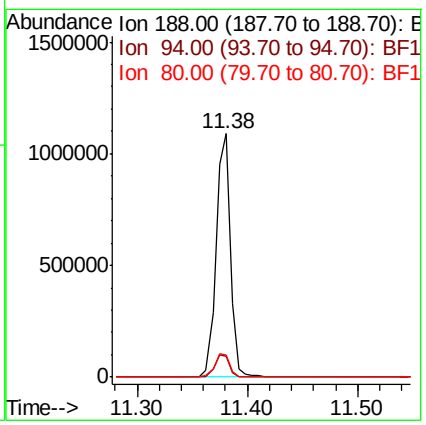


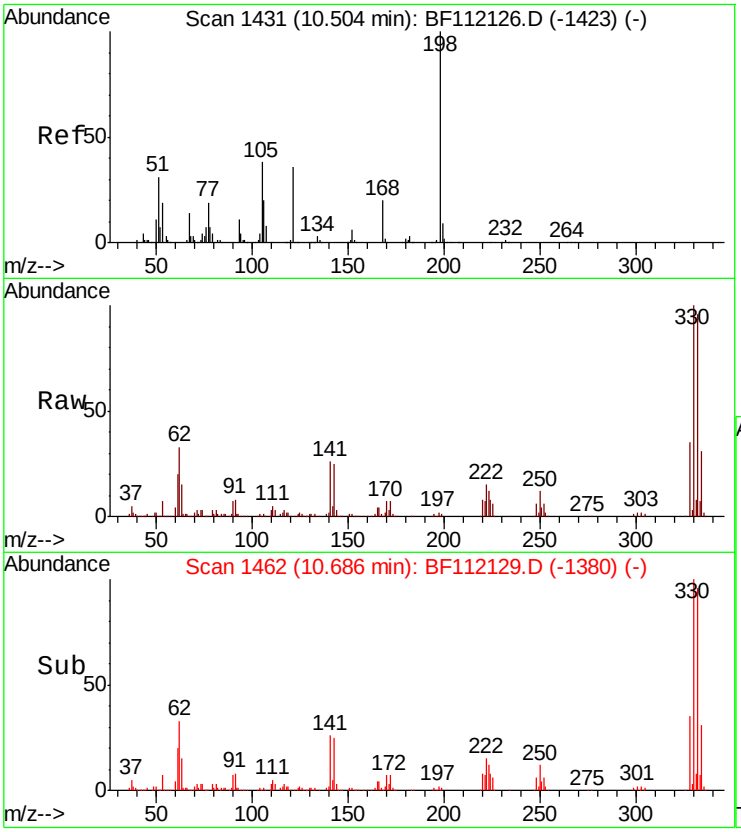


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Tgt Ion:188 Resp: 979854

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.1	8.9	13.3



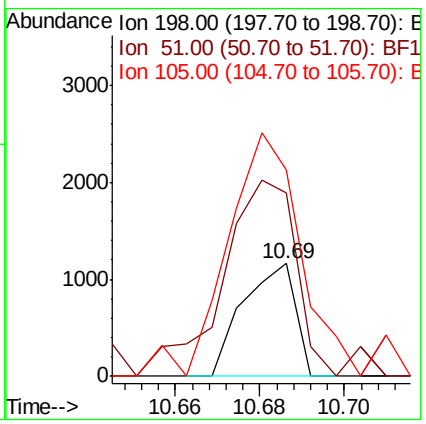


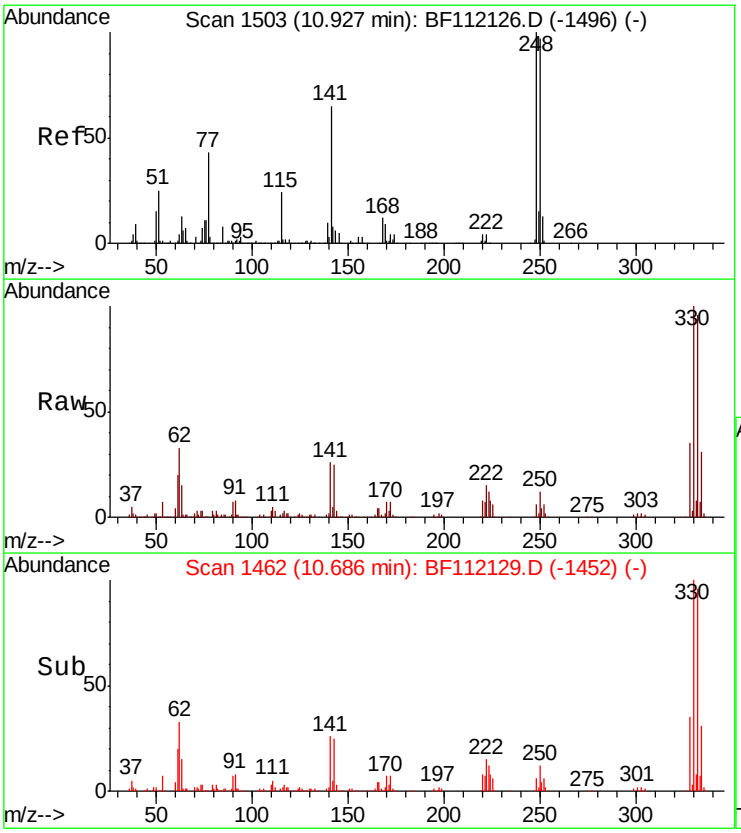
#65
4,6-Dinitro-2-methylphenol
Concen: 10.263 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tgt Ion:198 Resp: 1000

Ion	Ratio	Lower	Upper
198	100		
51	163.0	17.2	57.2#
105	183.2	21.9	61.9#

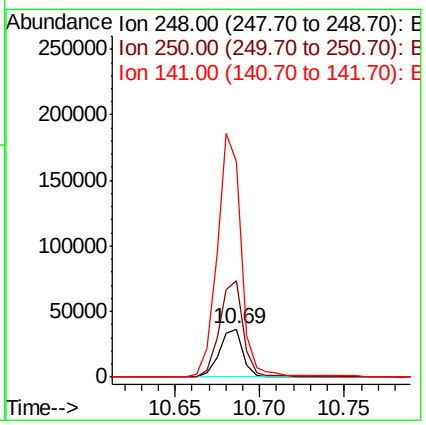


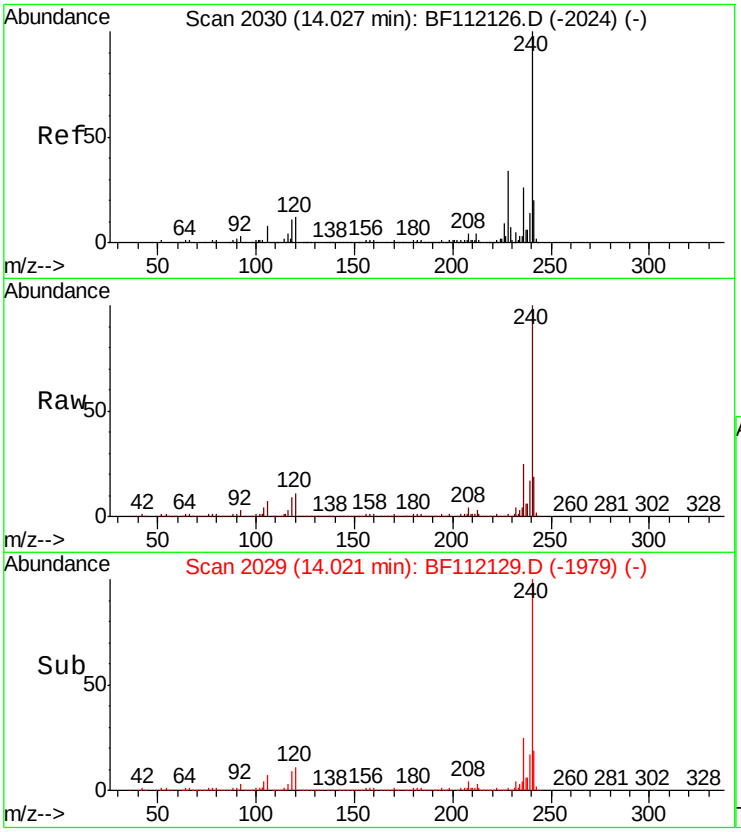


#67
4-Bromophenyl-phenylether
Concen: 3.137 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Tgt Ion:248 Resp: 35706

Ion	Ratio	Lower	Upper
248	100		
250	200.3	79.7	119.5#
141	450.3	60.3	90.5#



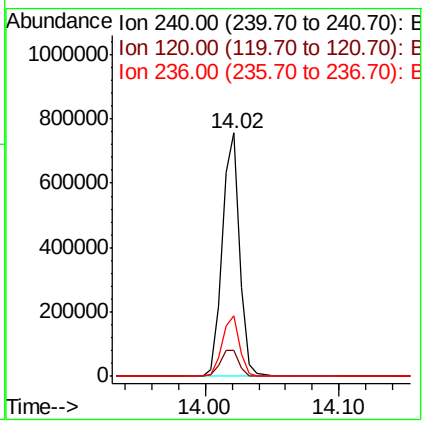


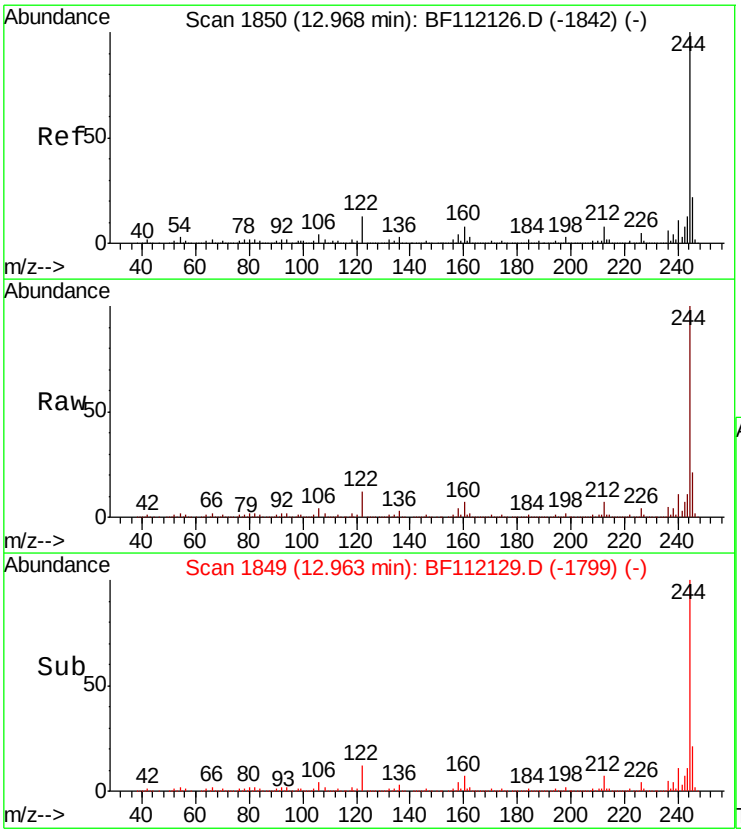
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tgt Ion:240 Resp: 693049

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.0	13.6
236	24.7	20.7	31.1

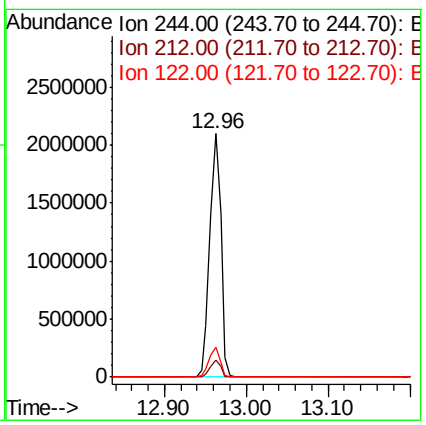


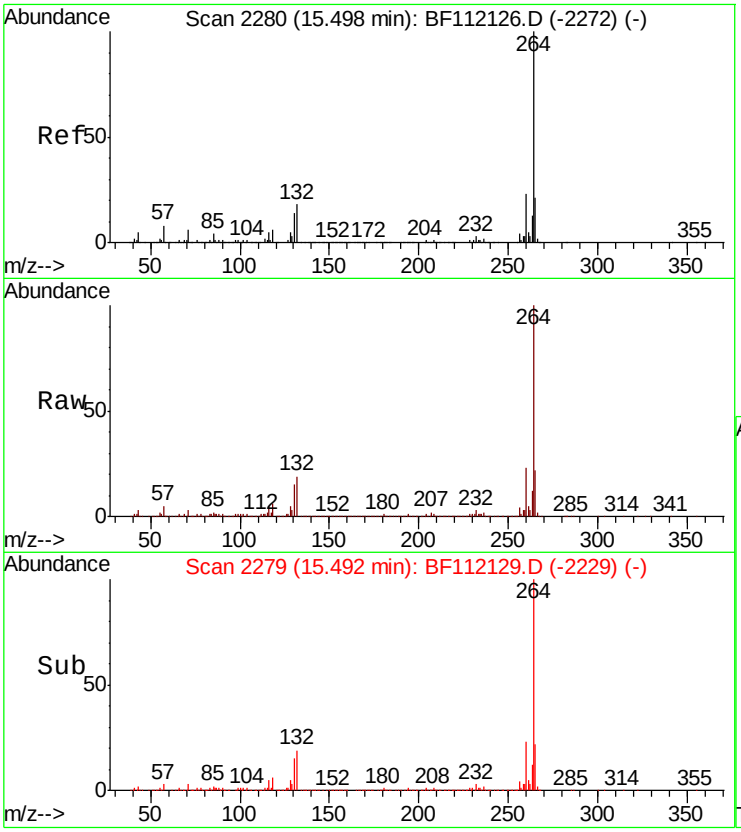


#79
Terphenyl-d14
Concen: 61.107 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112129.D
Acq: 18 Jan 2019 17:26

Tgt Ion:244 Resp: 1990716

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	12.5	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: BF112129.D
Acq: 18 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
S2-FRONT-HOUSE-7

Tgt Ion:264 Resp: 704352

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.7	17.0	25.4