Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114574.D
Acq On : 24 May 2019 17:26
Operator : JU/SJ
Sample : K2829-01RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Time: May 24 22:36:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	146741	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	488991	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	256173	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	465254	20.00	ng	0.00
76) Chrysene-d12	13.99	240	310191	20.00	ng	0.00
87) Perylene-d12	15.46	264	367807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	379138	41.58	ng	0.02
7) Phenol-d6	6.71	99	214226	19.86	ng	0.25
23) Nitrobenzene-d5	7.40	82	866326	99.43	ng	0.02
42) 2,4,6-Tribromophenol	10.65	330	232928	87.95	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1584503	93.56	ng	0.00
79) Terphenyl-d14	12.93	244	1203800	80.00	ng	0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.97	79	72003	8.560	ng	# 38
19) n-Nitroso-di-n-propylamine	7.40	70	174652	25.549	ng	# 67
20) 3+4-Methylphenols	7.27	107	47735	5.167	ng	# 49
25) Isophorone	7.40	82	865028	53.530	ng	# 64
32) Benzoic acid	8.13	122	106016	25.792	ng	97
50) Dimethylphthalate	9.57	163	119856	6.373	ng	99
51) 2,6-Dinitrotoluene	9.61	165	8546	2.049	ng	# 24
54) 2,4-Dinitrophenol	9.89	184	1500	7.400	ng	# 64
67) 4-Bromophenyl-phenylether	10.65	248	15314	2.989	ng	# 1

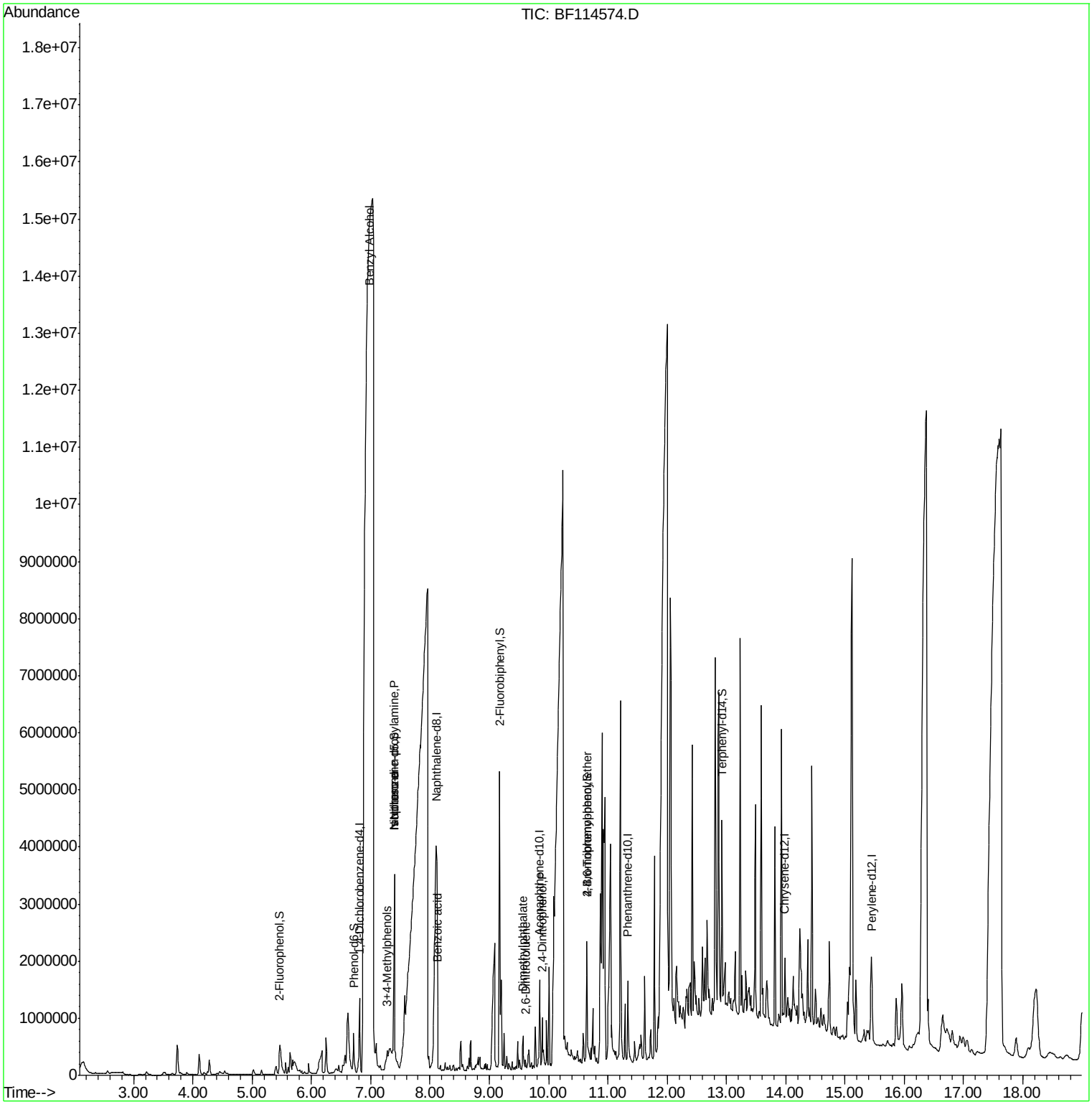
(#) = qualifier out of range (m) = manual integration (+) = signals summed

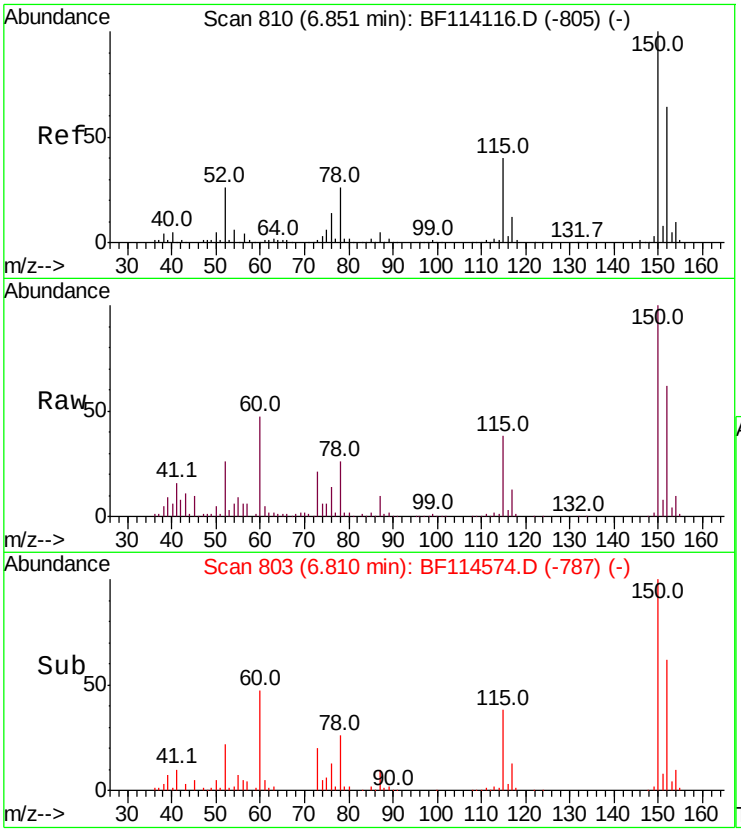
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114574.D
Acq On : 24 May 2019 17:26
Operator : JU/SJ
Sample : K2829-01RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Time: May 24 22:36:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



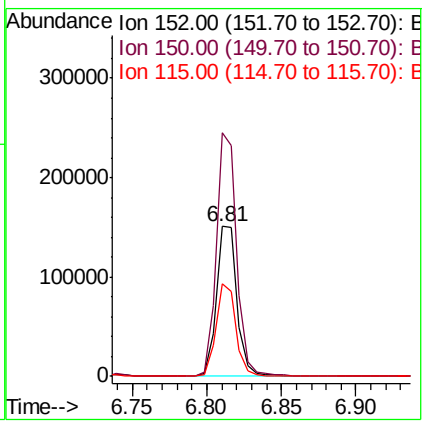


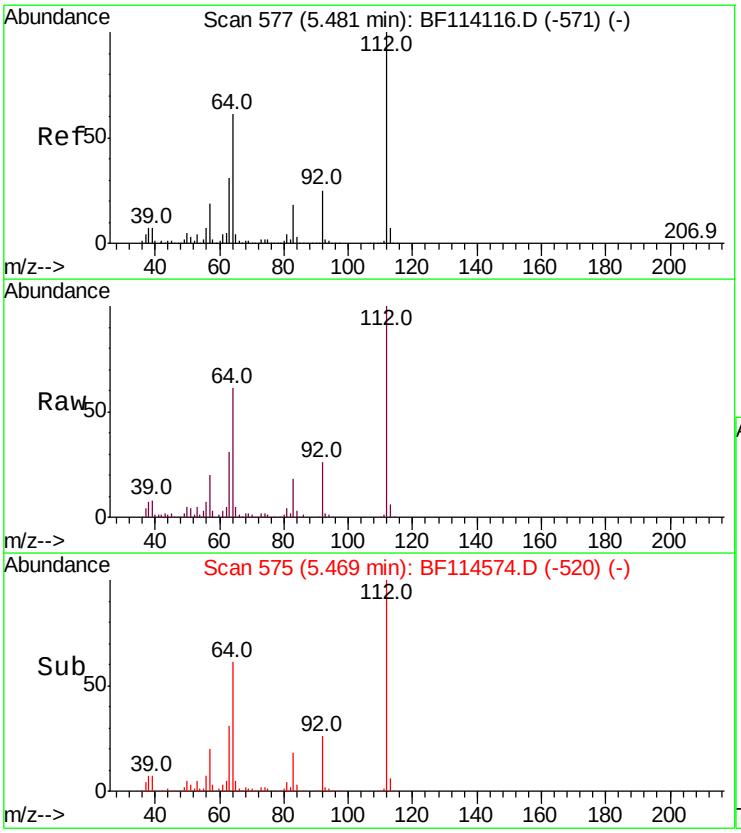
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:152 Resp: 146741

Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.3	186.5
115	61.9	49.1	73.7

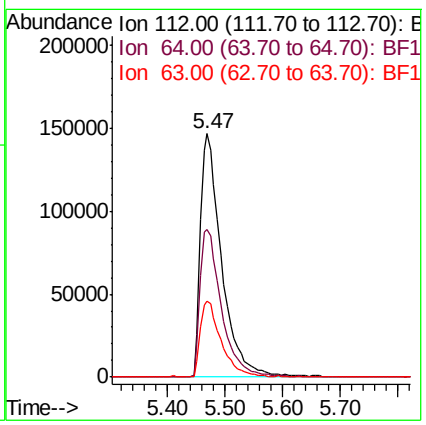


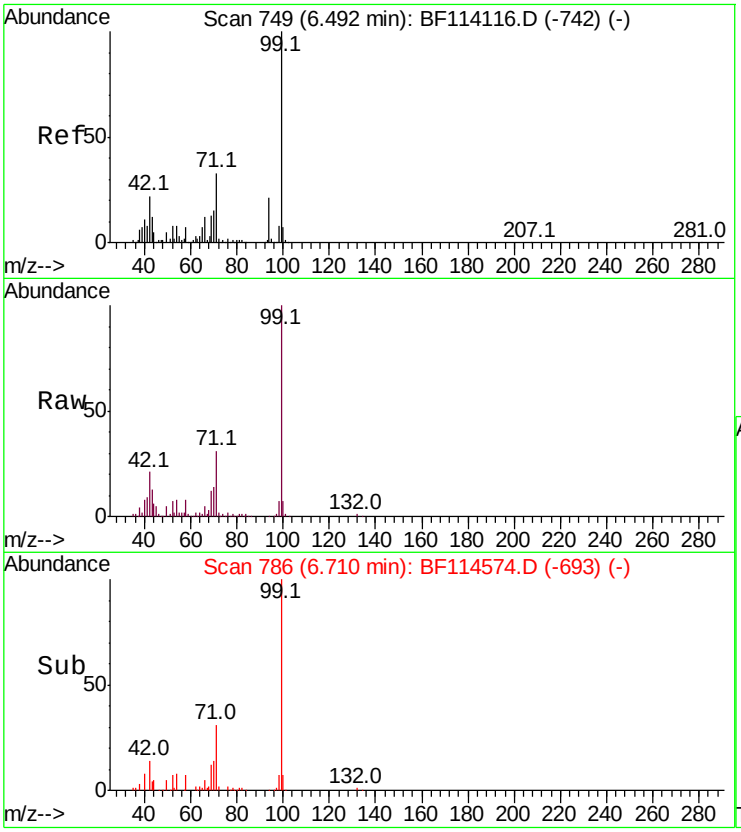


#5
2-Fluorophenol
Concen: 41.579 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Tgt Ion:112 Resp: 379138

Ion	Ratio	Lower	Upper
112	100		
64	60.8	49.0	73.6
63	31.4	24.6	37.0



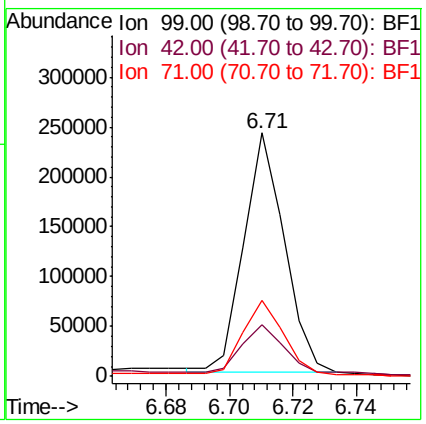


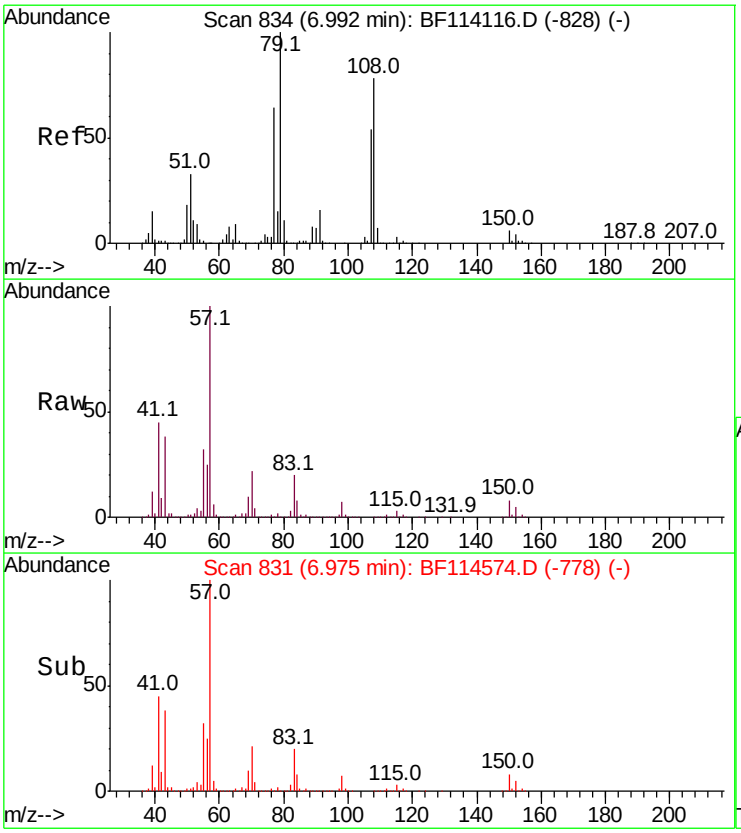
#7
Phenol-d6
Concen: 19.864 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.25 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion: 99 Resp: 214226

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.9	26.9
71	31.4	26.2	39.2

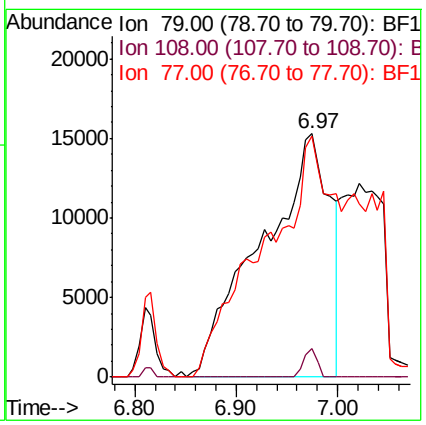


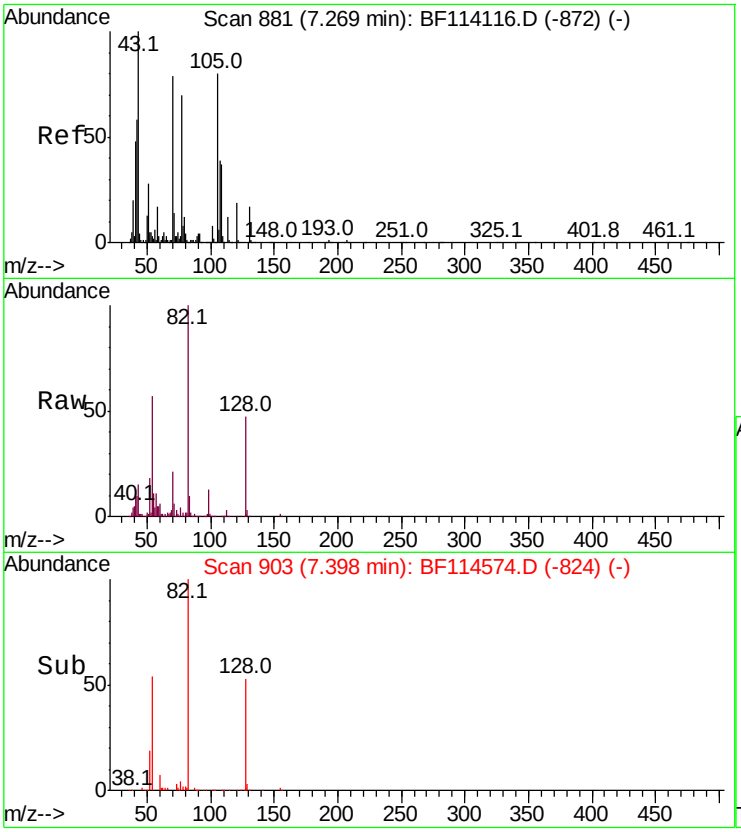


#15
Benzyl Alcohol
Concen: 8.560 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Tgt Ion: 79 Resp: 72003

Ion	Ratio	Lower	Upper
79	100		
108	11.8	62.1	93.1#
77	99.2	51.0	76.6#



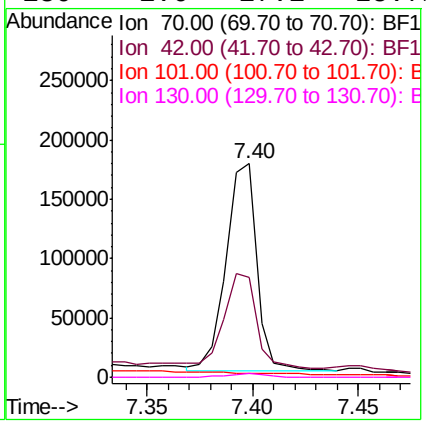


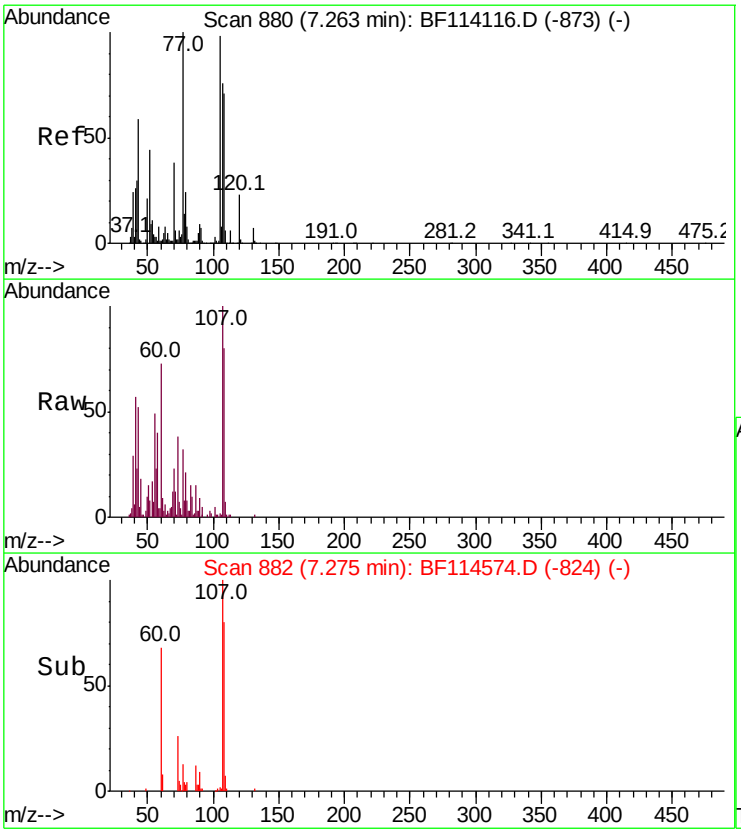
#19
n-Nitroso-di-n-propylamine
Concen: 25.549 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.16 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion: 70 Resp: 174652

Ion	Ratio	Lower	Upper
70	100		
42	46.5	58.6	87.8#
101	1.6	7.8	11.8#
130	1.6	17.1	25.7#

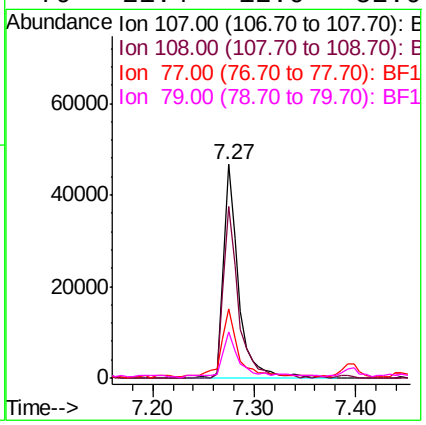


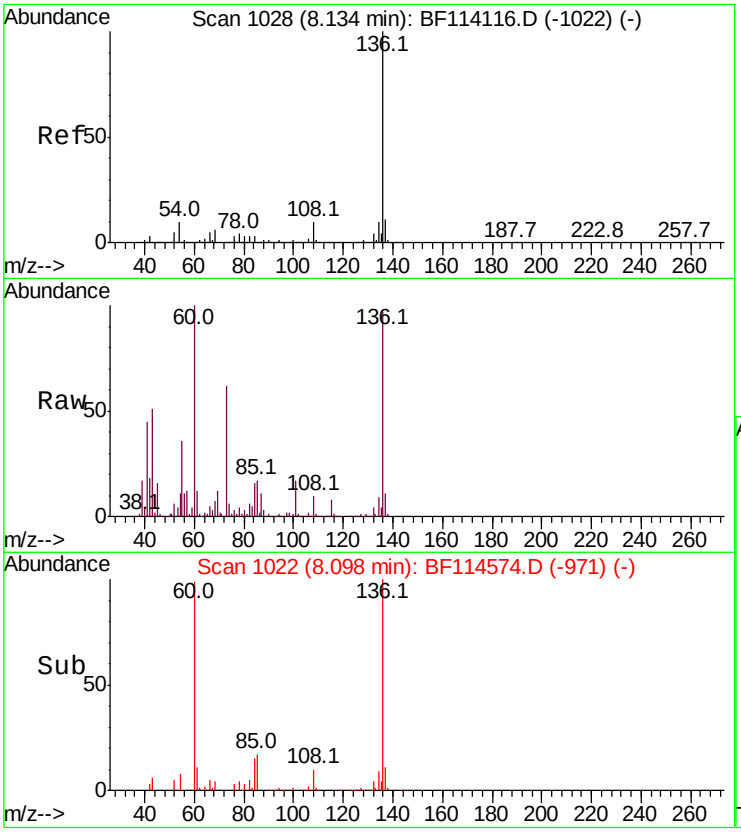


#20
3+4-Methylphenols
Concen: 5.167 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.04 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Tgt Ion:107 Resp: 47735

Ion	Ratio	Lower	Upper
107	100		
108	80.1	73.8	113.8
77	32.1	111.5	151.5#
79	21.4	12.0	52.0



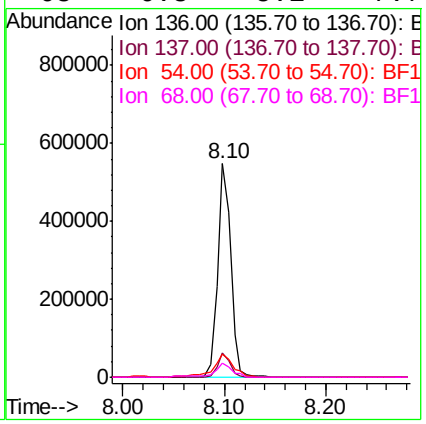


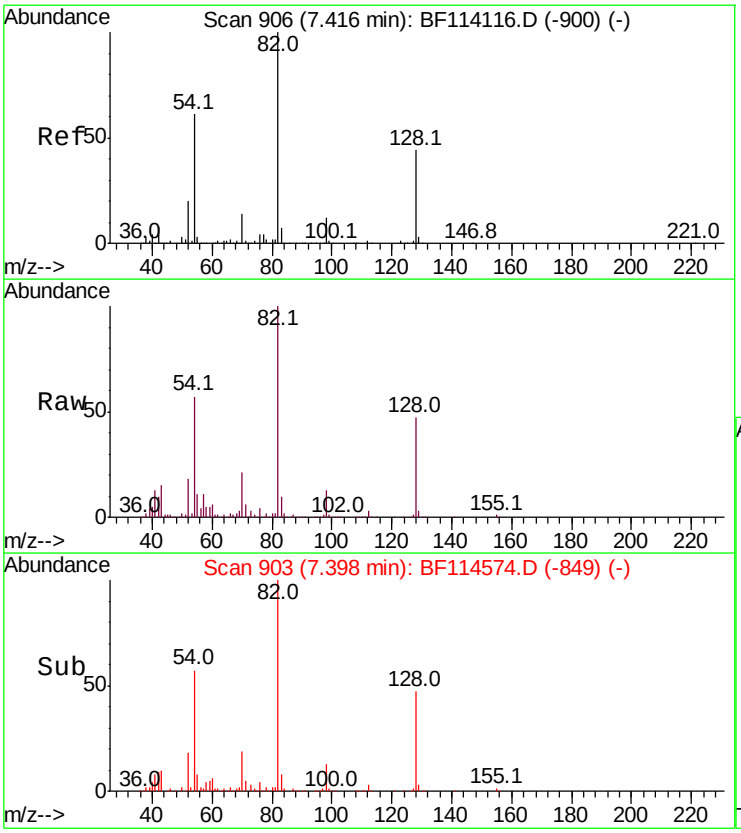
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:136 Resp: 488991

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	11.0	7.8	11.8
68	6.8	5.1	7.7

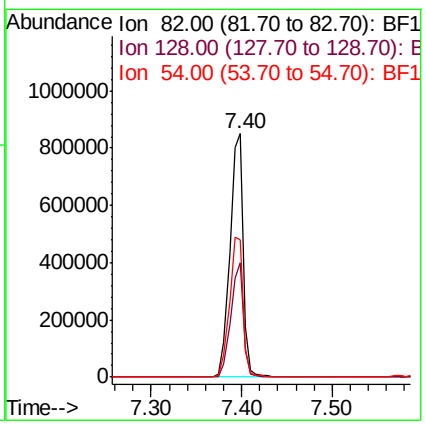


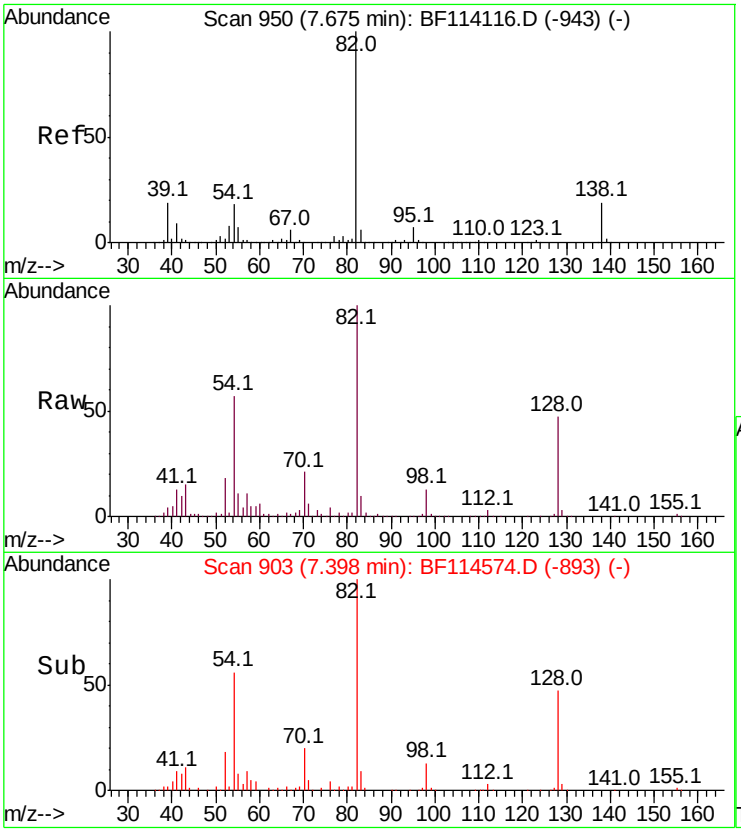


#23
Nitrobenzene-d5
Concen: 99.426 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.02 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Tgt Ion: 82 Resp: 866326

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.5	53.3
54	56.6	48.5	72.7



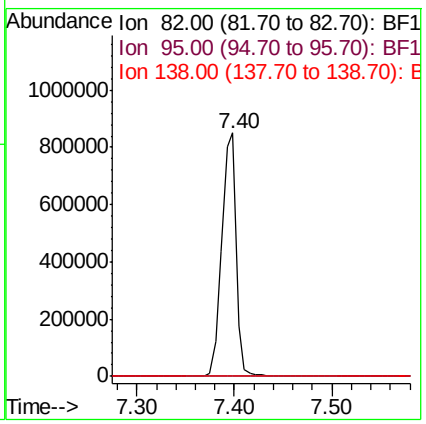


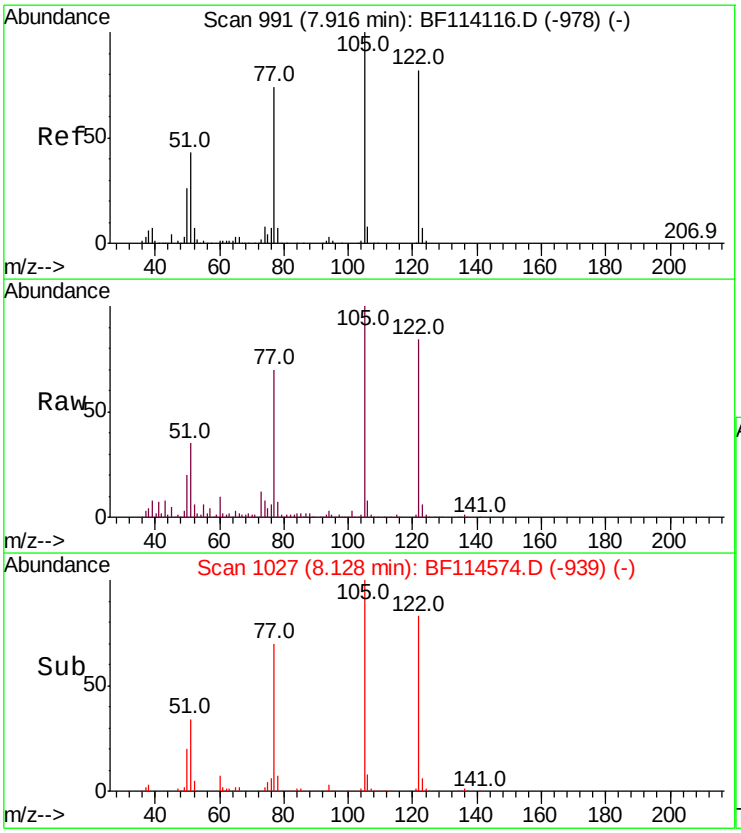
#25
Isophorone
Concen: 53.530 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.24 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion: 82 Resp: 865028

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.8	22.2#

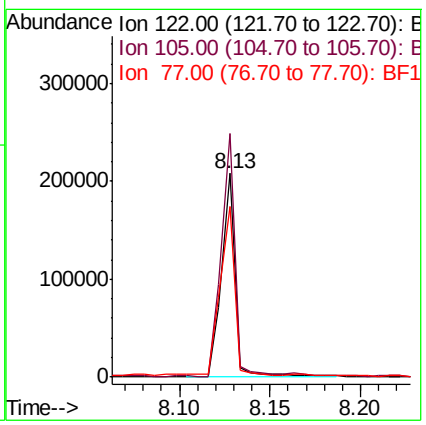


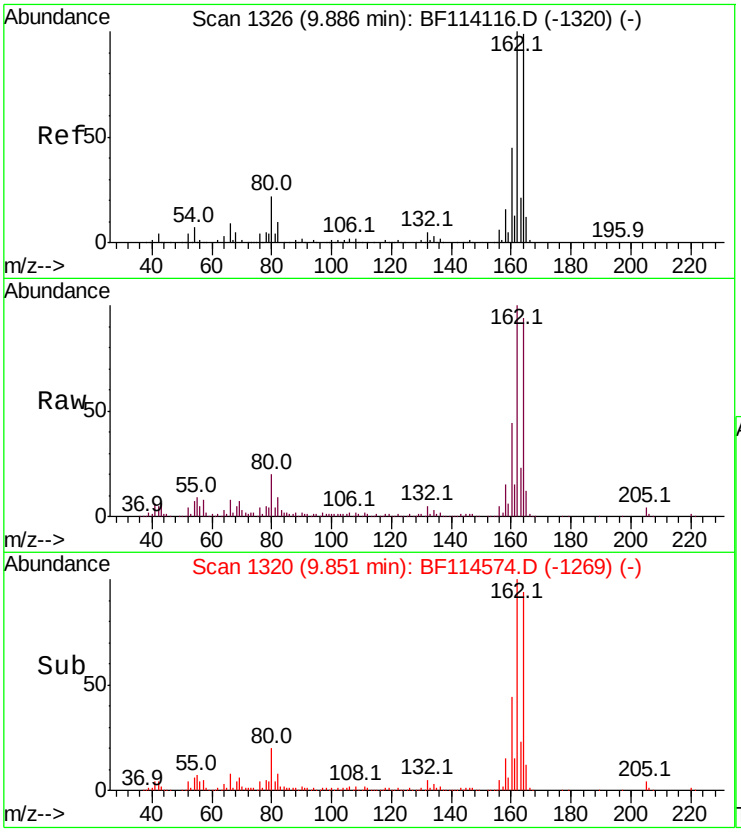


#32
Benzoic acid
Concen: 25.792 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.22 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Tgt Ion:122 Resp: 106016

Ion	Ratio	Lower	Upper
122	100		
105	119.4	99.9	139.9
77	83.7	69.4	109.4



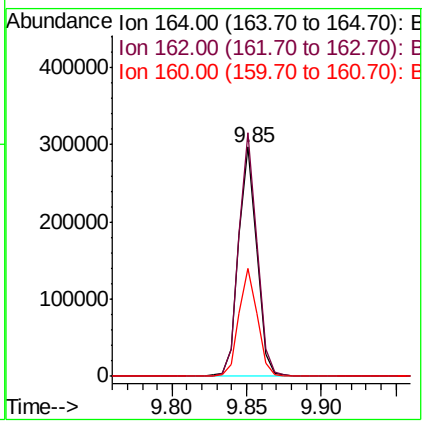


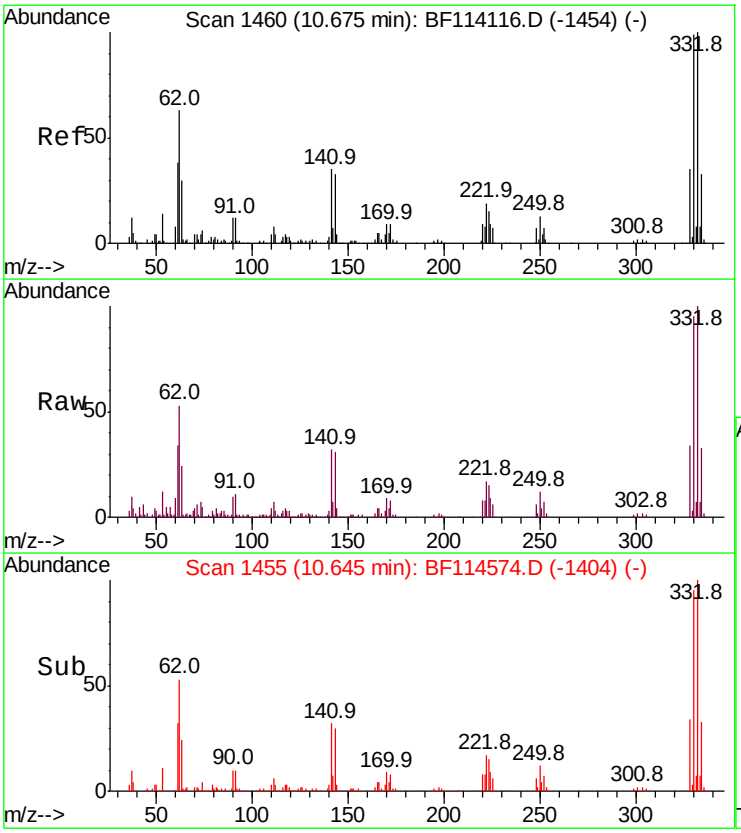
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:164 Resp: 256173

Ion	Ratio	Lower	Upper
164	100		
162	106.2	80.6	120.8
160	47.1	36.5	54.7

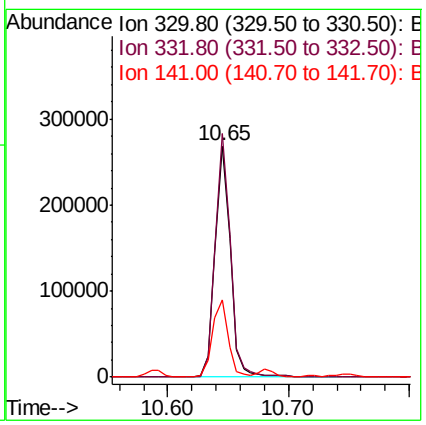


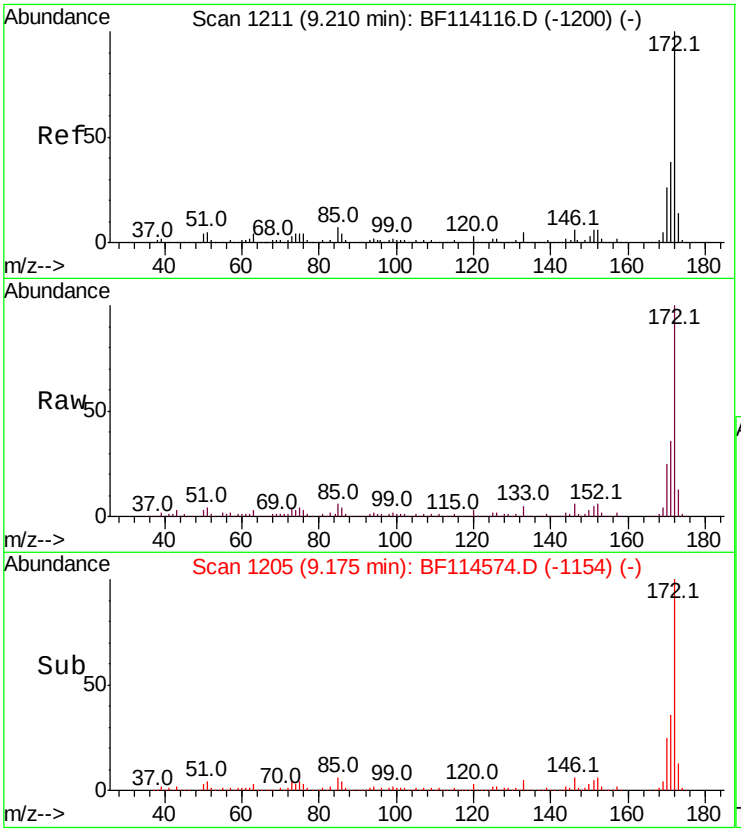


#42
2,4,6-Tribromophenol
Concen: 87.951 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Tgt Ion:330 Resp: 232928

Ion	Ratio	Lower	Upper
330	100		
332	103.9	81.4	122.2
141	34.4	26.6	40.0



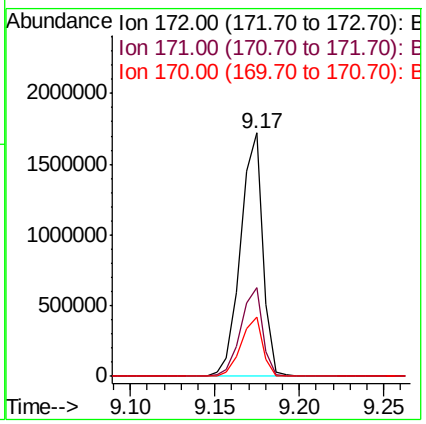


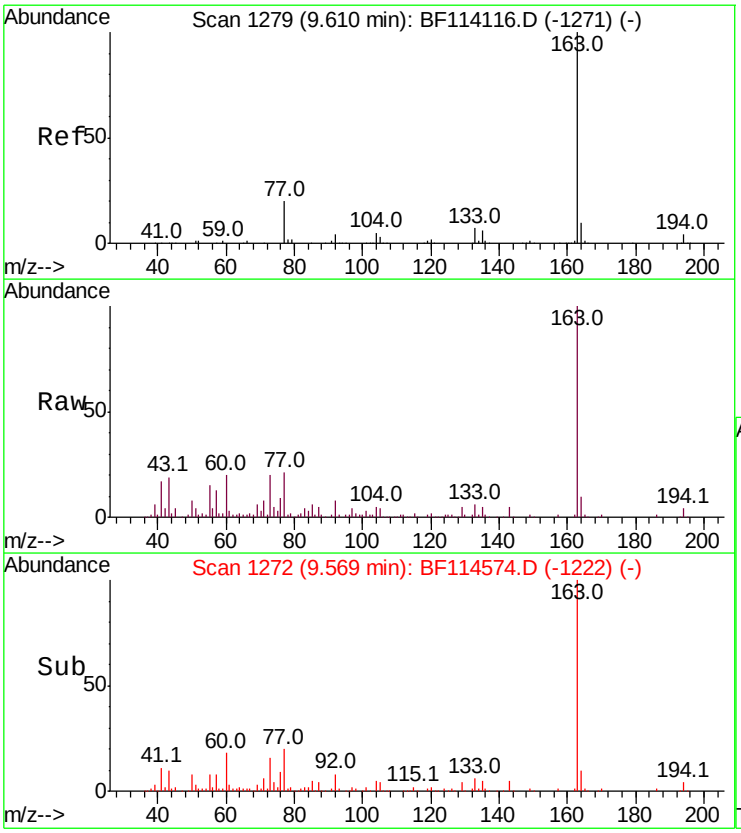
#45
2-Fluorobiphenyl
Concen: 93.563 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:172 Resp: 1584503

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.7	46.1
170	24.5	20.5	30.7

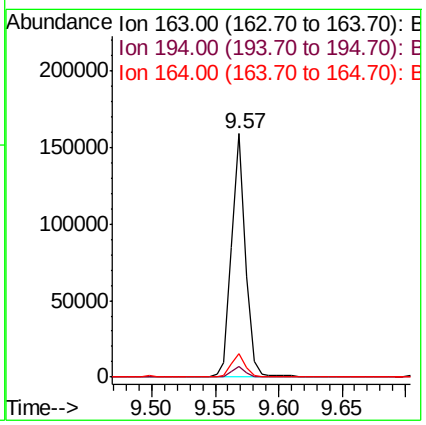


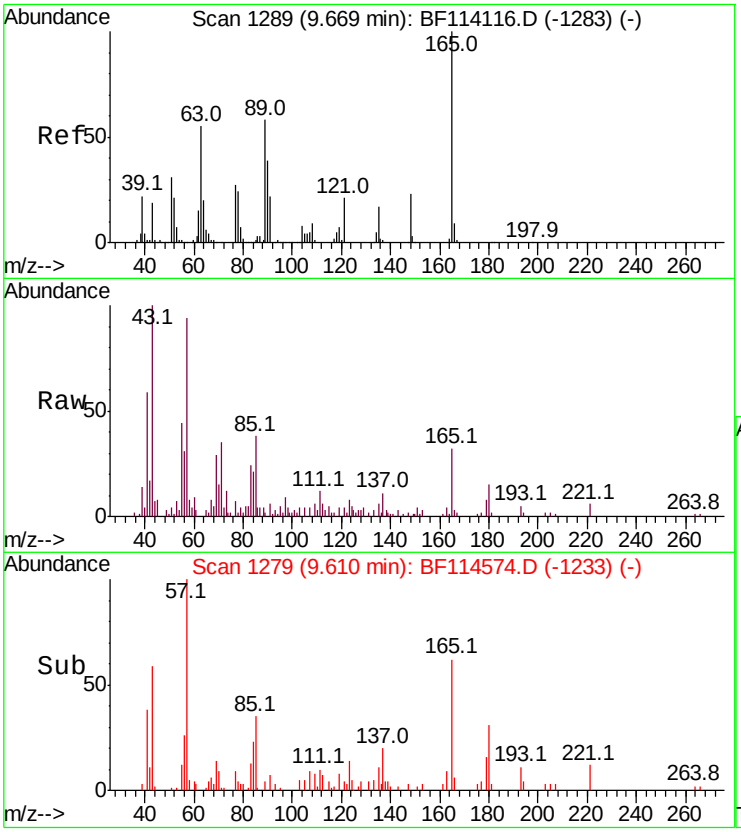


#50
Dimethylphthalate
Concen: 6.373 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Tgt Ion:163 Resp: 119856

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.6	8.2	12.2



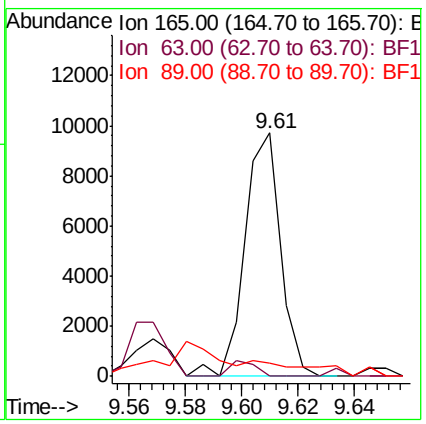


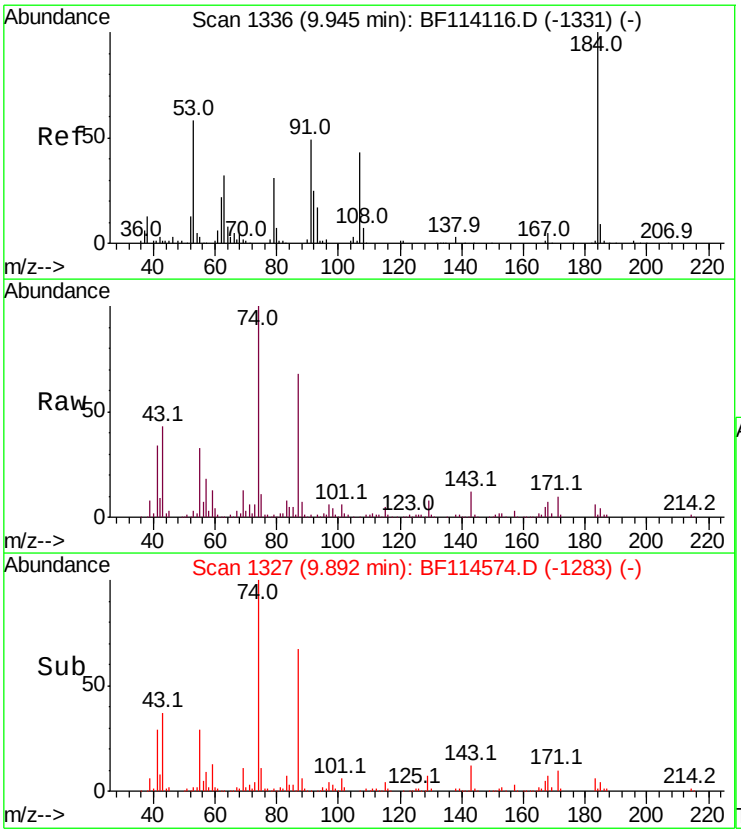
#51
2,6-Dinitrotoluene
Concen: 2.049 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:165 Resp: 8546

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.2	75.4#
89	5.7	46.6	69.8#

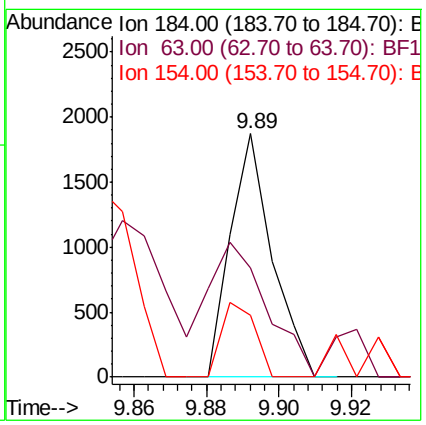


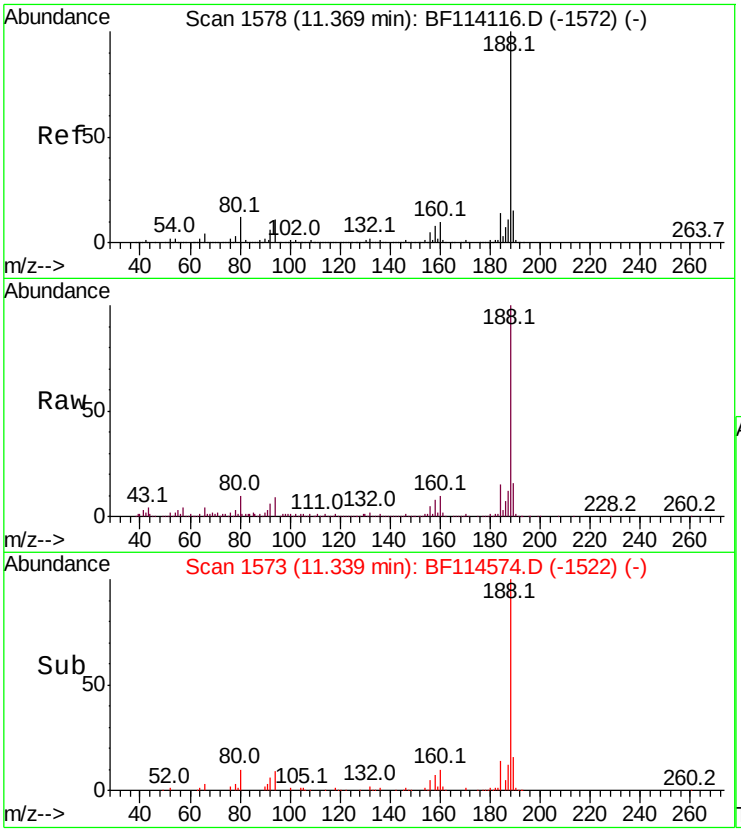


#54
2,4-Dinitrophenol
Concen: 7.400 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.04 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Tgt Ion:184 Resp: 1500

Ion	Ratio	Lower	Upper
184	100		
63	45.0	55.6	83.4#
154	25.6	46.0	69.0#



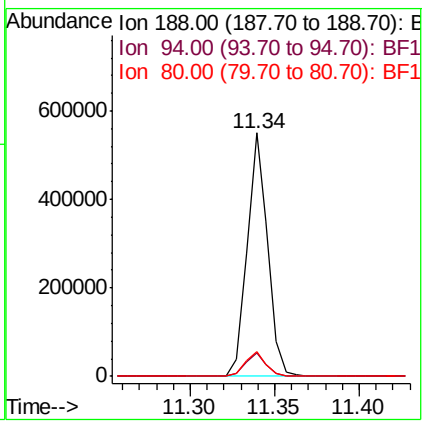


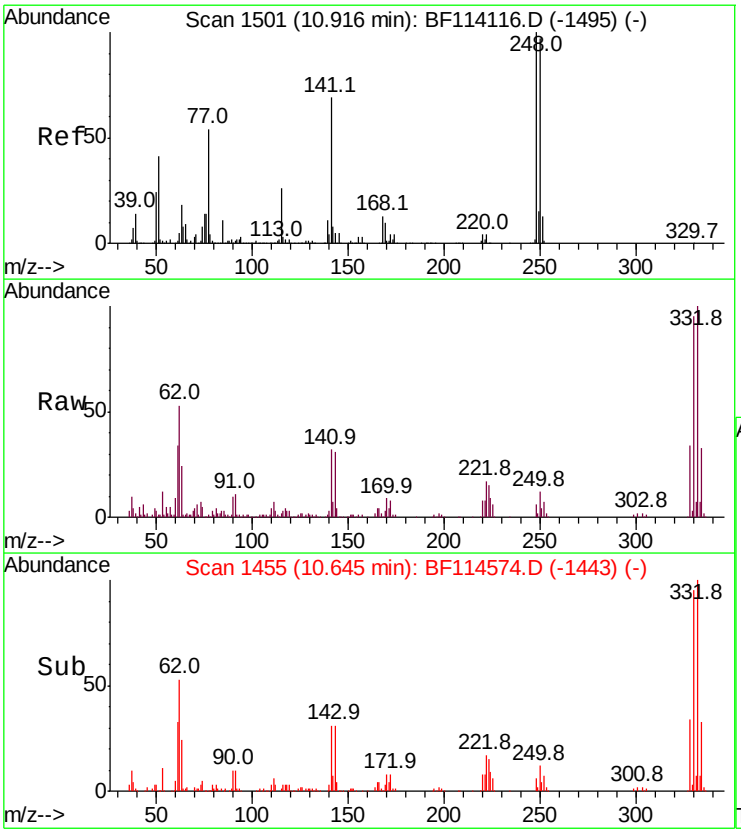
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:188 Resp: 465254

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.4	12.6
80	10.0	9.2	13.8

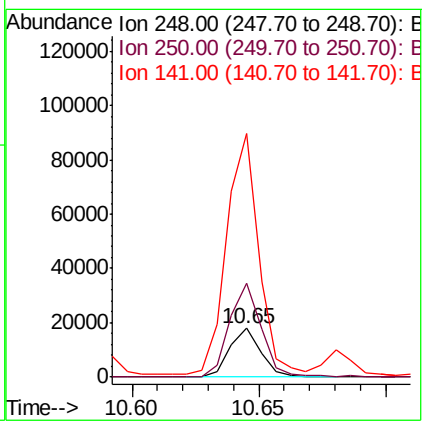


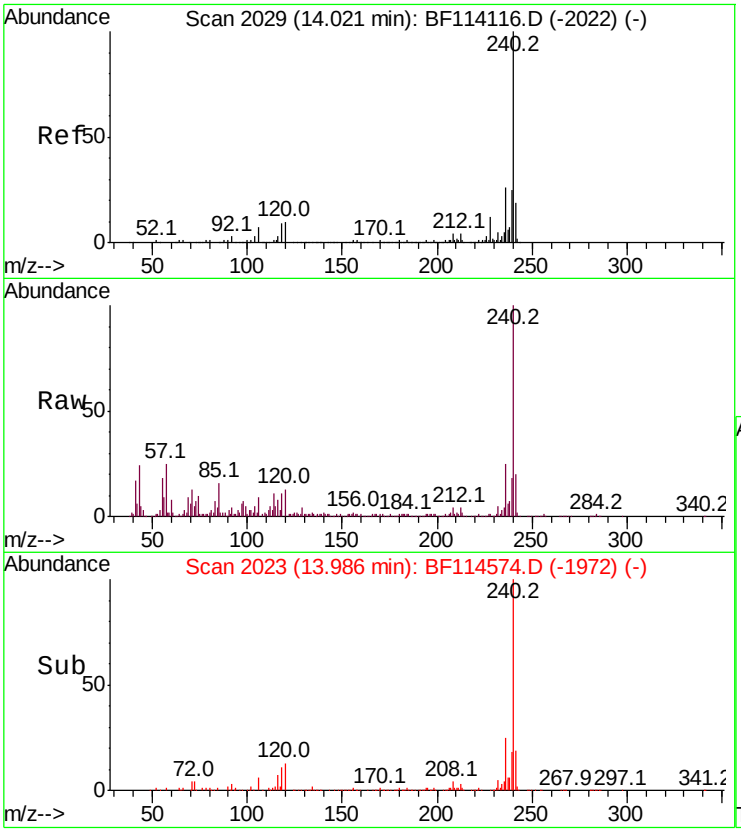


#67
4-Bromophenyl-phenylether
Concen: 2.989 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Tgt Ion:248 Resp: 15314

Ion	Ratio	Lower	Upper
248	100		
250	193.2	77.4	116.2#
141	500.9	55.6	83.4#



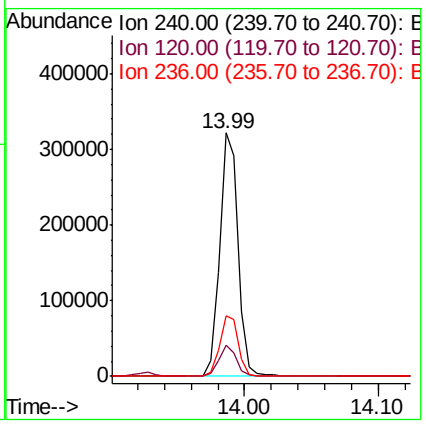


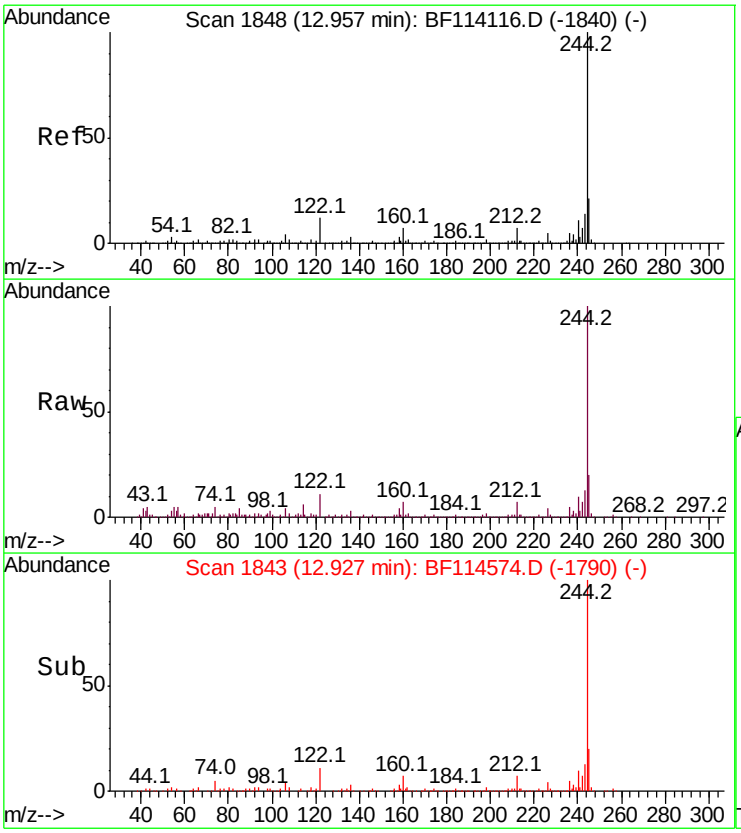
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:240 Resp: 310191

Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.3	12.5#
236	25.1	20.8	31.2

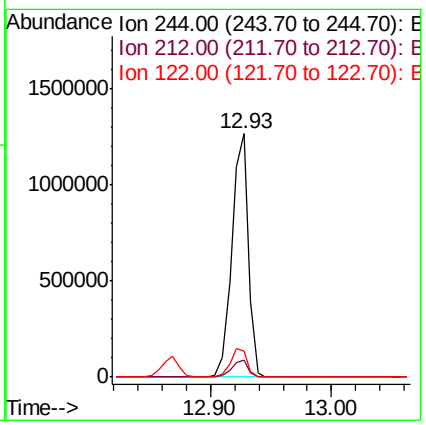


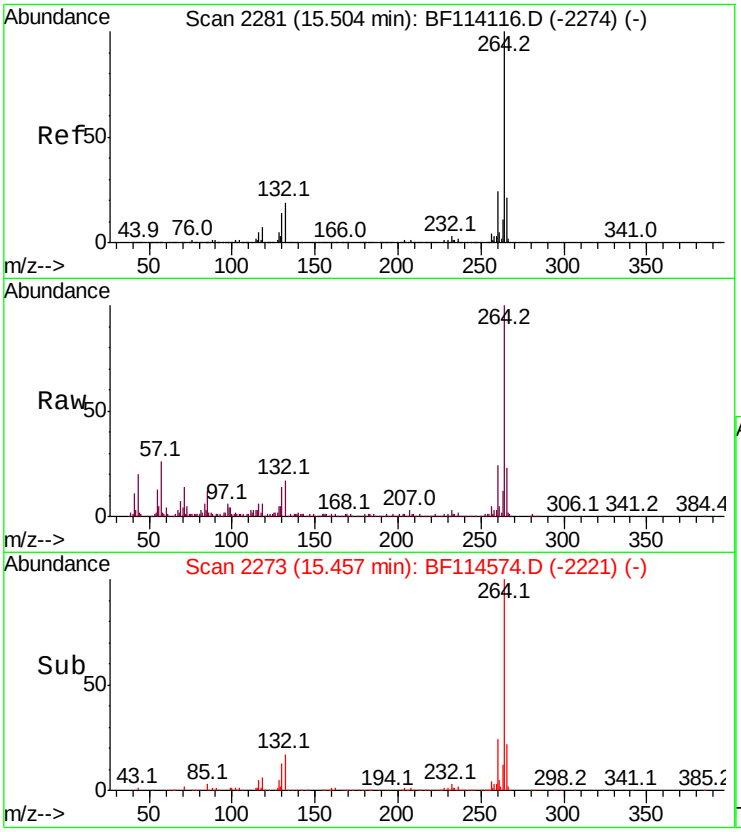


#79
Terphenyl-d14
Concen: 80.001 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Tgt Ion:244 Resp: 1203800

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	10.7	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF114574.D
Acq: 24 May 2019 17:26

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:264 Resp: 367807

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	22.5	16.9	25.3