Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114236.D
Acq On : 13 May 2019 18:26
Operator : JU/SJ
Sample : K2768-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS014-0002-01

Quant Time: May 14 04:48:40 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 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	272070	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1022022	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	472339	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	864762	20.00	ng	0.01
76) Chrysene-d12	14.03	240	566580	20.00	ng	0.00
87) Perylene-d12	15.52	264	552359	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1836362	108.62	ng	0.02
7) Phenol-d6	6.52	99	2426973	121.37	ng	0.02
23) Nitrobenzene-d5	7.42	82	1544843	84.83	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	524537	107.42	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	2188106	70.07	ng	0.00
79) Terphenyl-d14	12.96	244	1649916	60.03	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	209945	16.565	ng	# 75
25) Isophorone	7.42	82	1544827	45.739	ng	# 64
32) Benzoic acid	7.87	122	4950	7.440	ng	# 86
50) Dimethylphthalate	9.60	163	408574	11.783	ng	100
57) 2,4-Dinitrotoluene	9.89	165	61510	5.893	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	33140	3.481	ng	# 1
69) Atrazine	11.07	200	17232	2.110	ng	# 38

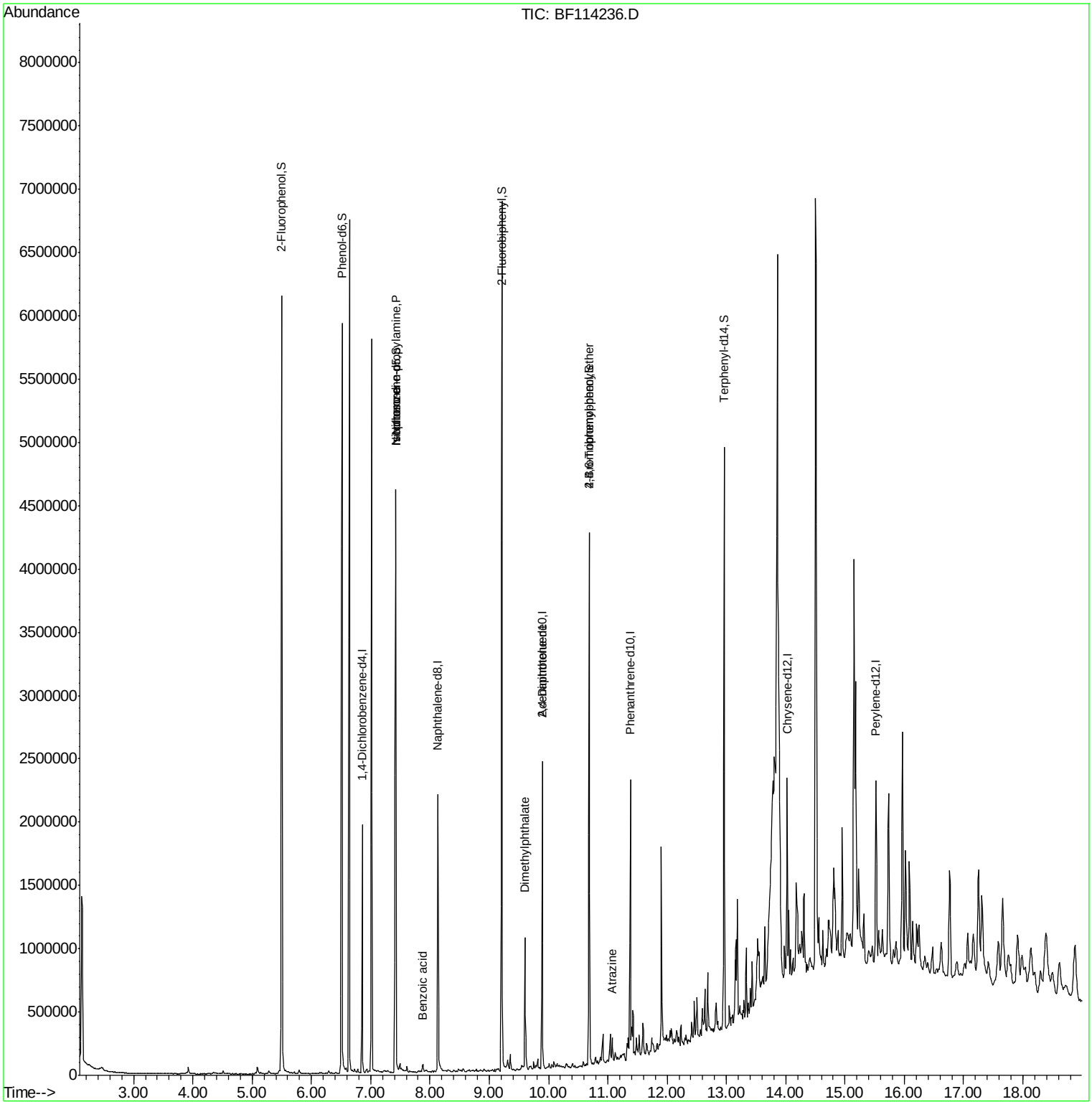
(#) = qualifier out of range (m) = manual integration (+) = signals summed

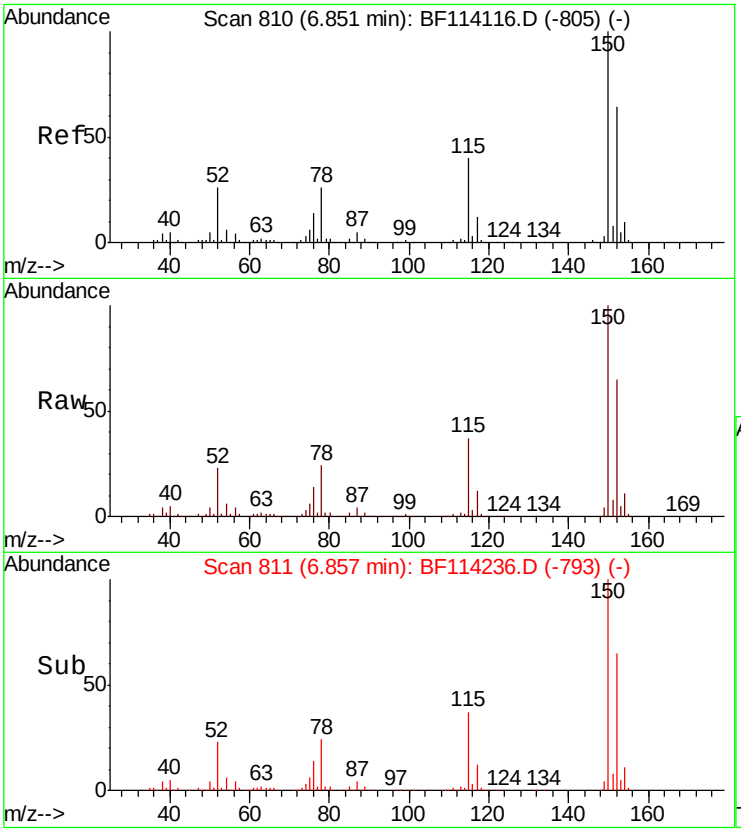
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
Data File : BF114236.D
Acq On : 13 May 2019 18:26
Operator : JU/SJ
Sample : K2768-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Quant Time: May 14 04:48:40 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 10 15:56:46 2019
Response via : Initial Calibration



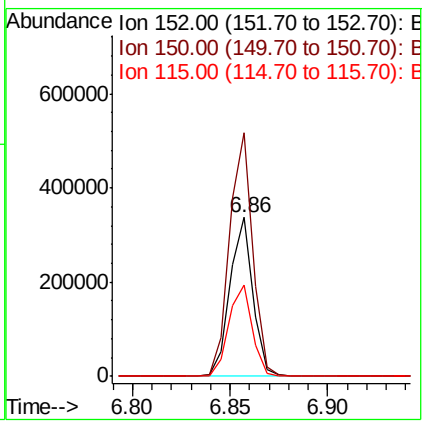


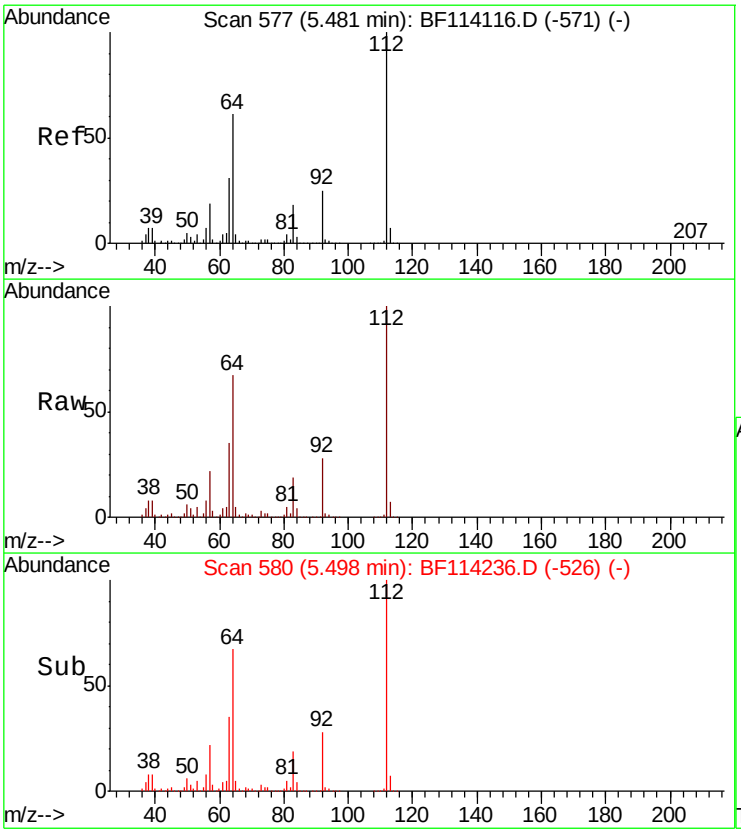
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Tgt Ion:152 Resp: 272070

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.3	186.5
115	57.2	49.1	73.7

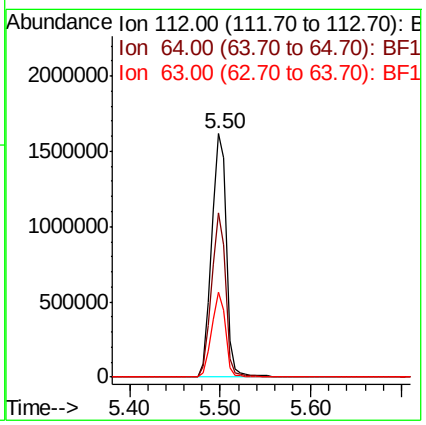


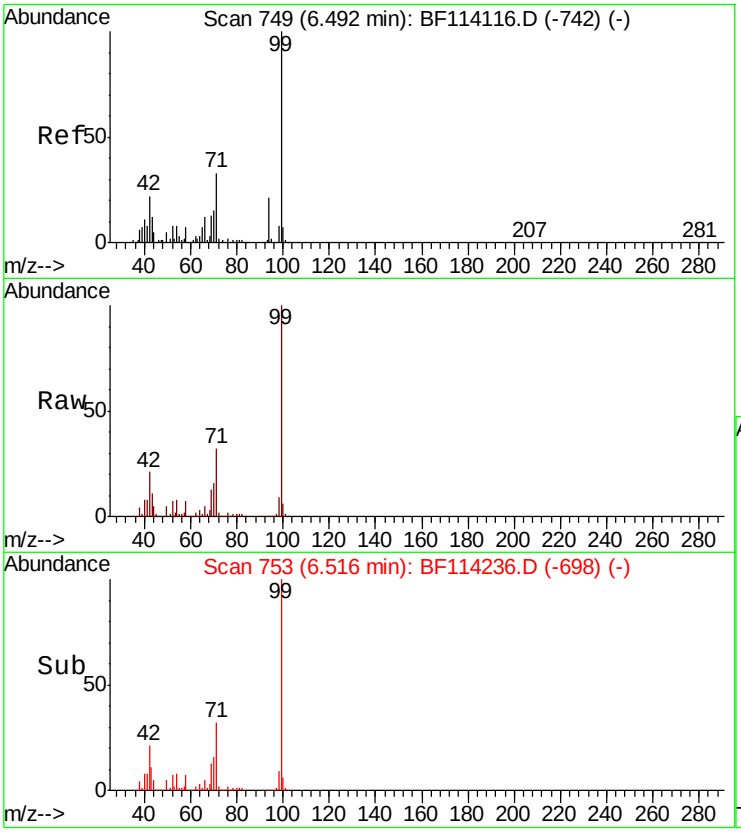


#5
2-Fluorophenol
Concen: 108.619 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Tgt Ion:112 Resp: 1836362

Ion	Ratio	Lower	Upper
112	100		
64	67.4	49.0	73.6
63	35.1	24.6	37.0



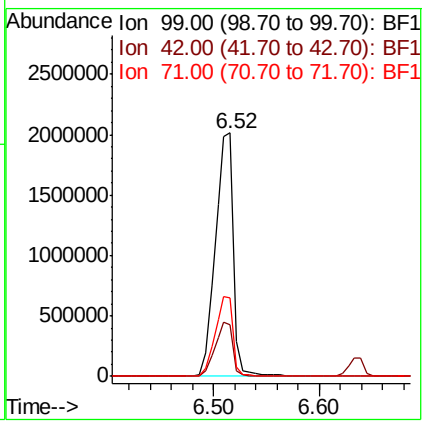


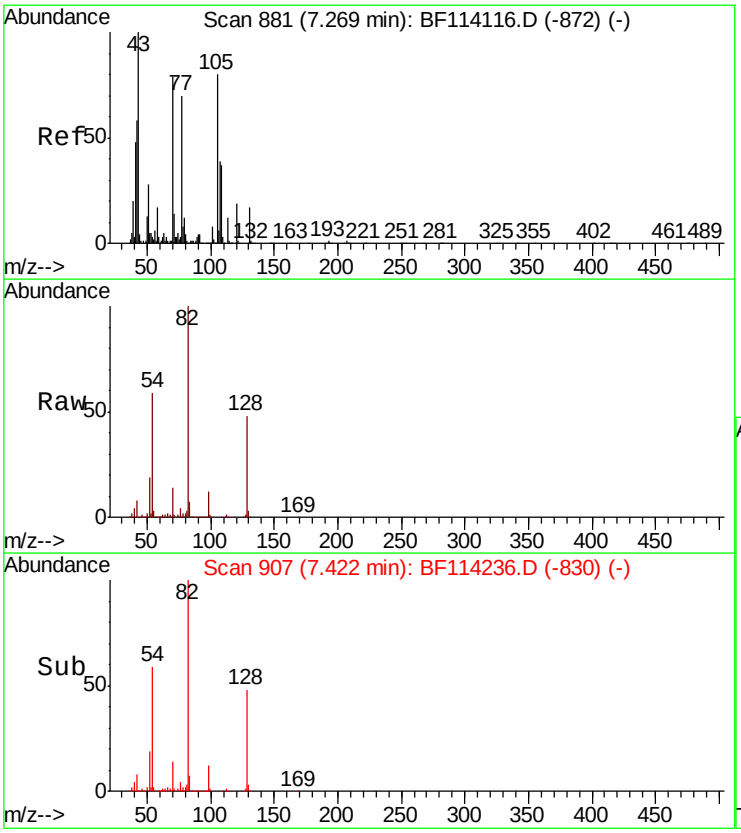
#7
Phenol-d6
Concen: 121.374 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.02 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Tgt Ion: 99 Resp: 2426973

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.9	26.9
71	32.3	26.2	39.2

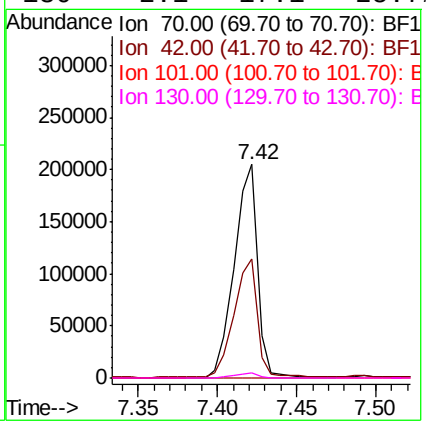


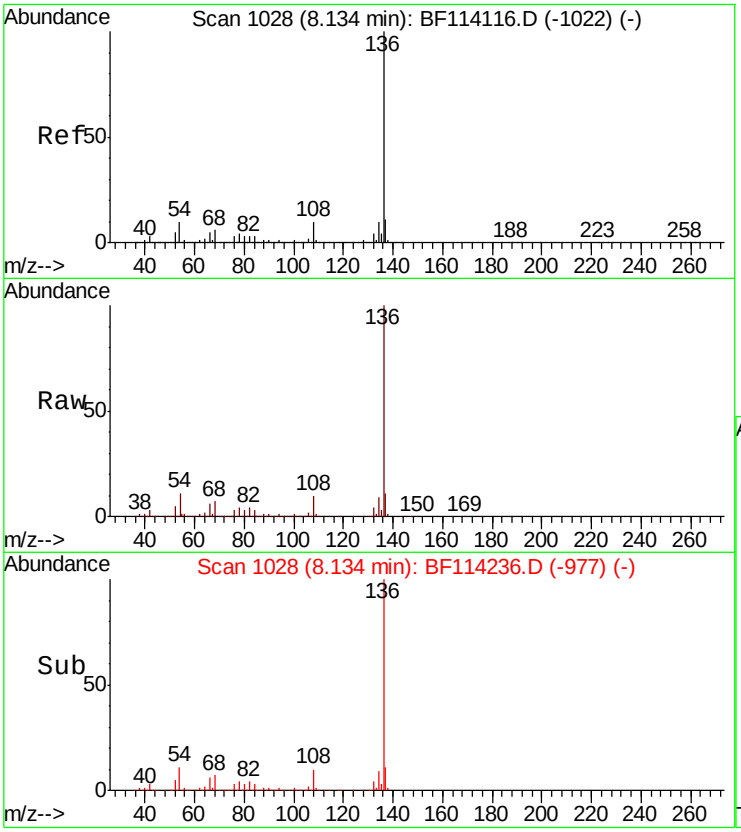


#19
n-Nitroso-di-n-propylamine
Concen: 16.565 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Tgt Ion: 70 Resp: 209945

Ion	Ratio	Lower	Upper
70	100		
42	55.8	58.6	87.8#
101	0.0	7.8	11.8#
130	2.1	17.1	25.7#



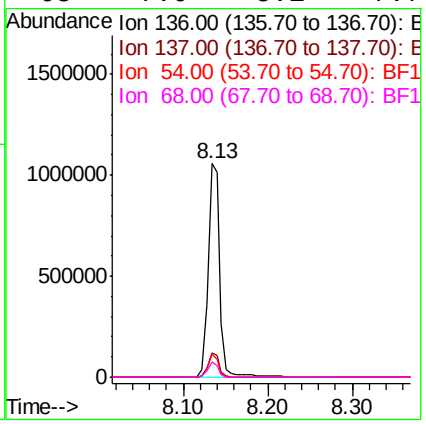


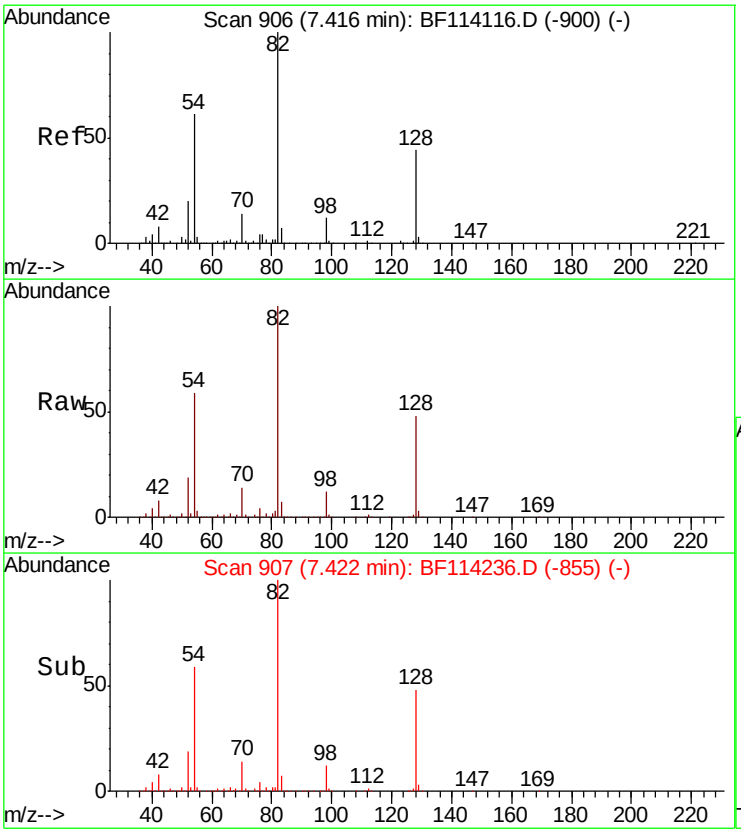
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Tgt Ion:136 Resp: 1022022

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.6	7.8	11.8
68	7.0	5.1	7.7

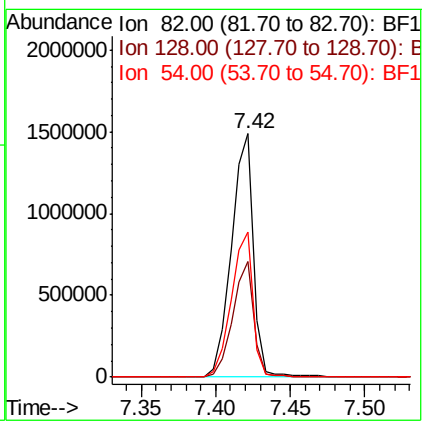


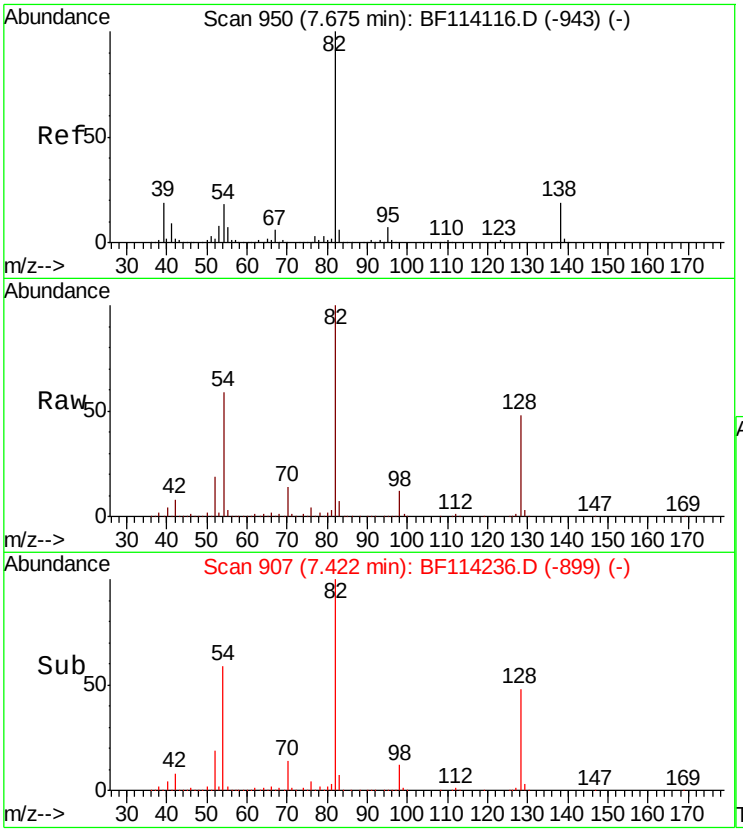


#23
Nitrobenzene-d5
Concen: 84.829 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Tgt Ion: 82 Resp: 1544843

Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.5	53.3
54	59.5	48.5	72.7



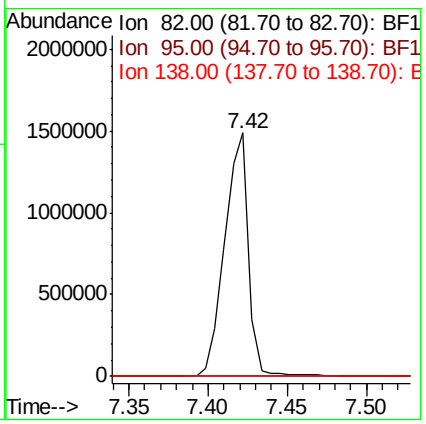


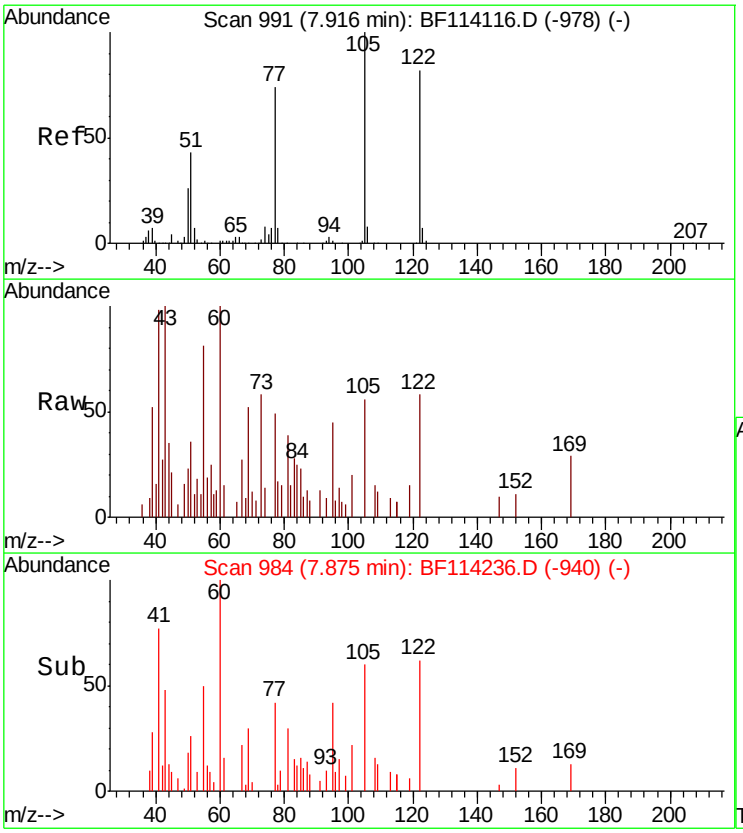
#25
Isophorone
Concen: 45.739 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Tgt Ion: 82 Resp: 1544827

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

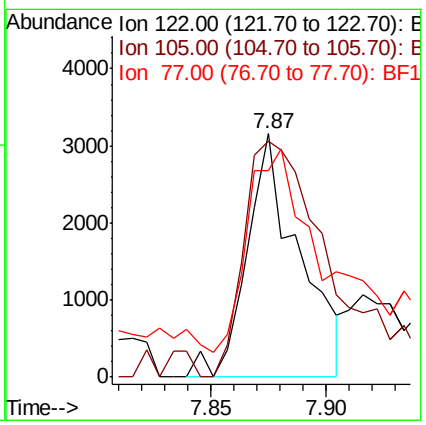


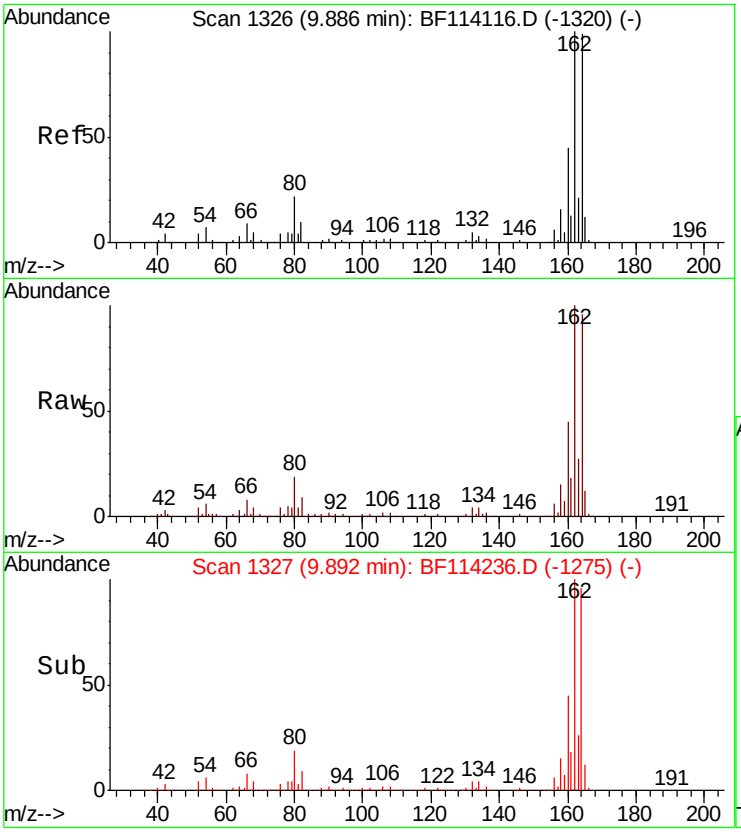


#32
Benzoic acid
Concen: 7.440 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.04 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Tgt Ion:122 Resp: 4950

Ion	Ratio	Lower	Upper
122	100		
105	96.7	99.9	139.9#
77	84.9	69.4	109.4



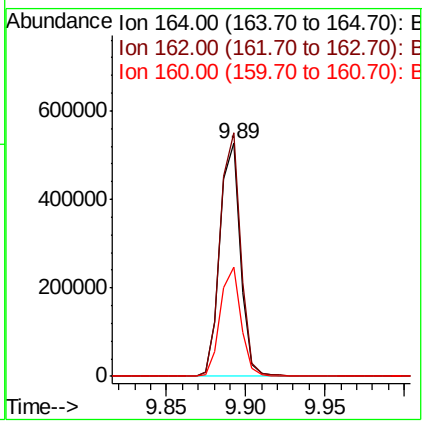


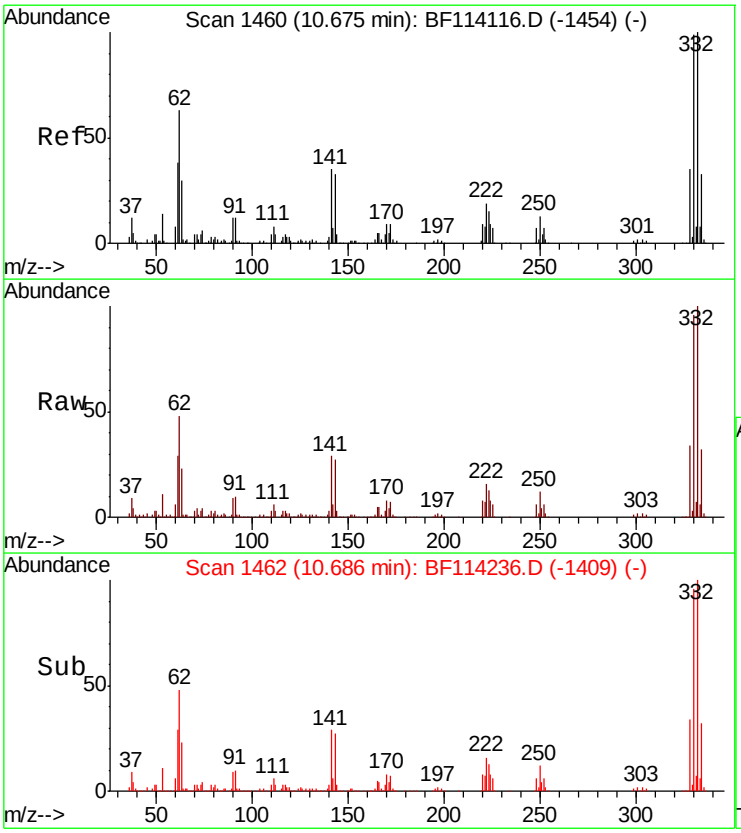
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Tgt Ion:164 Resp: 472339

Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.6	120.8
160	46.9	36.5	54.7

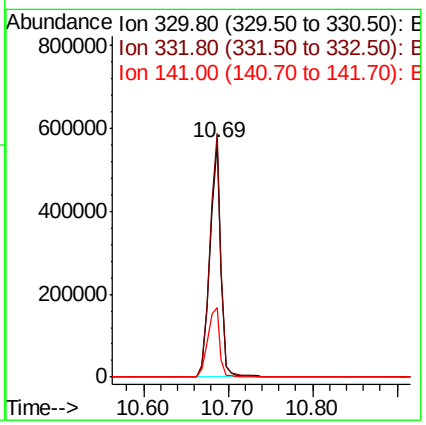


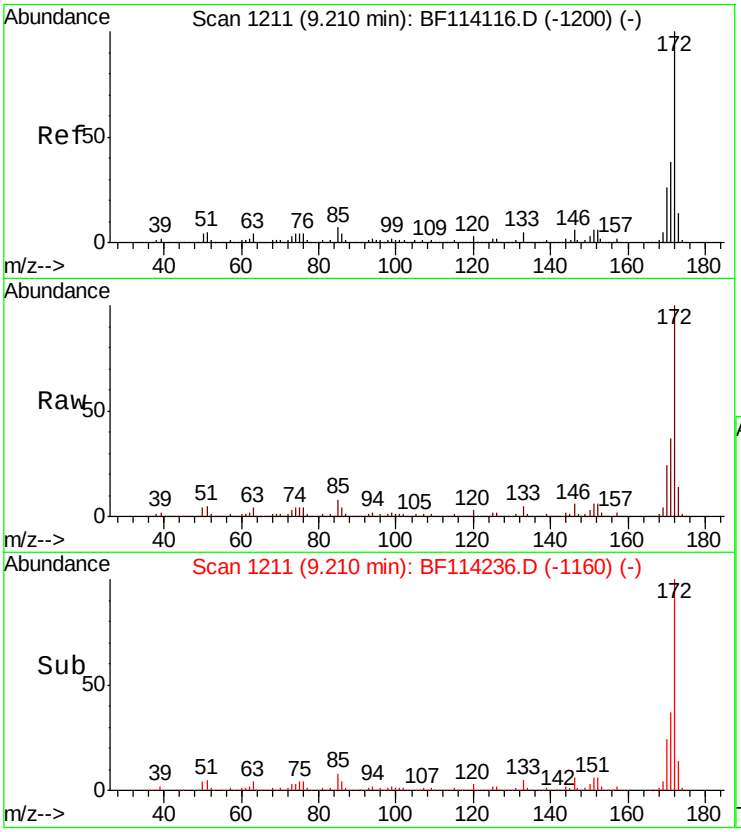


#42
2,4,6-Tribromophenol
Concen: 107.417 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Tgt Ion:330 Resp: 524537

Ion	Ratio	Lower	Upper
330	100		
332	103.3	81.4	122.2
141	32.2	26.6	40.0



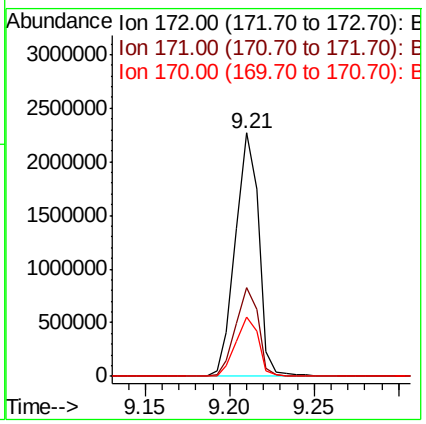


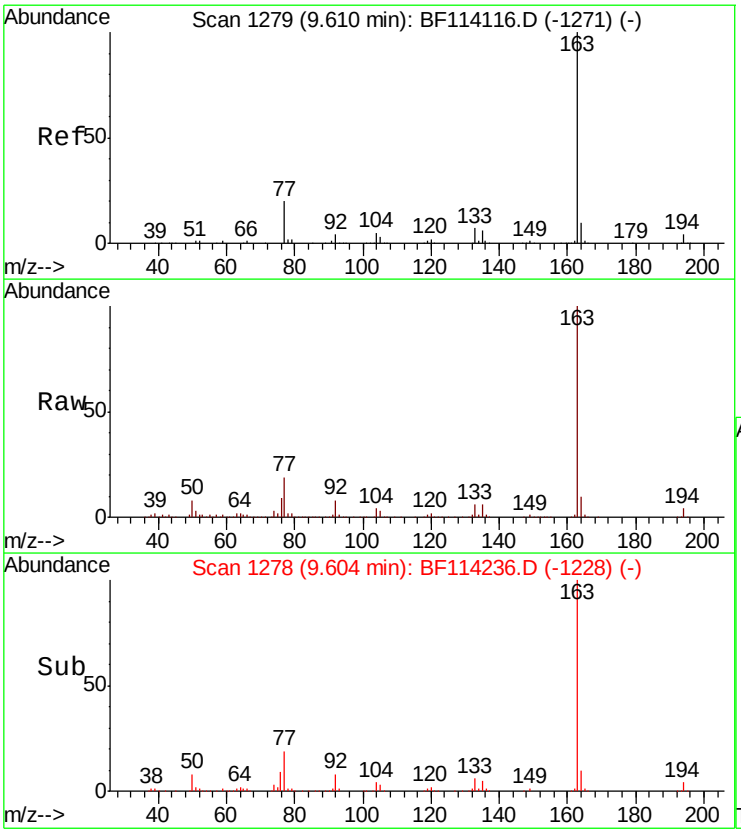
#45
2-Fluorobiphenyl
Concen: 70.074 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Tgt Ion:172 Resp: 2188106

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.4	20.5	30.7

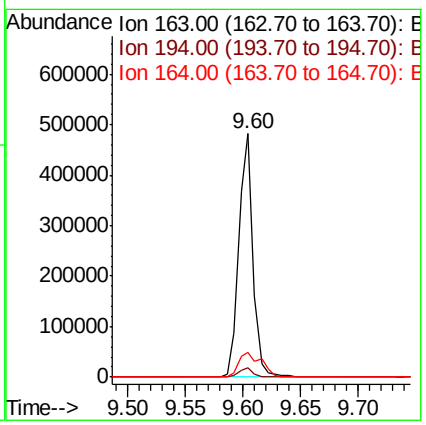


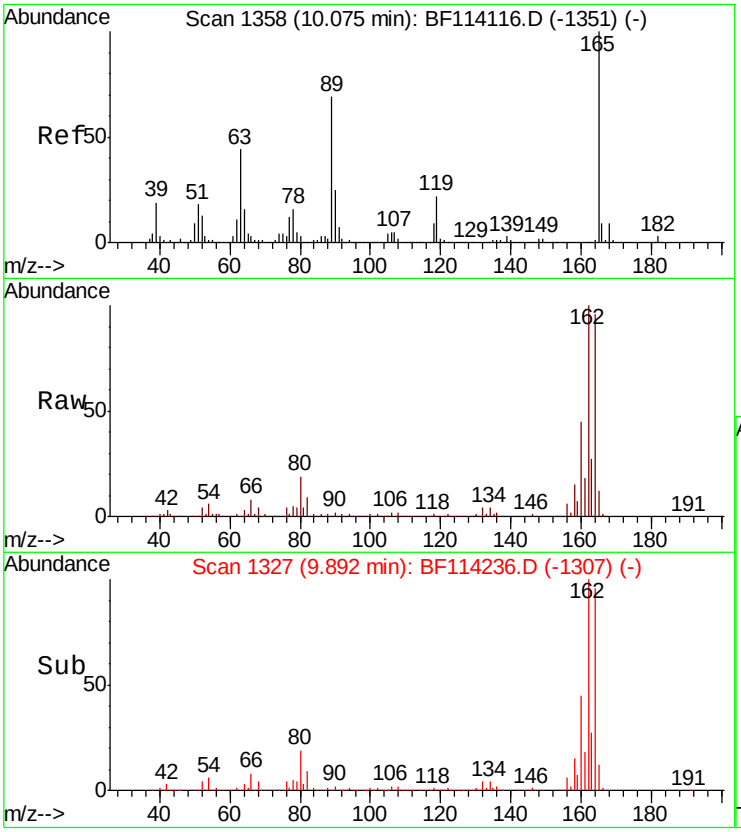


#50
Dimethylphthalate
Concen: 11.783 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Tgt Ion:163 Resp: 408574

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.2	8.2	12.2



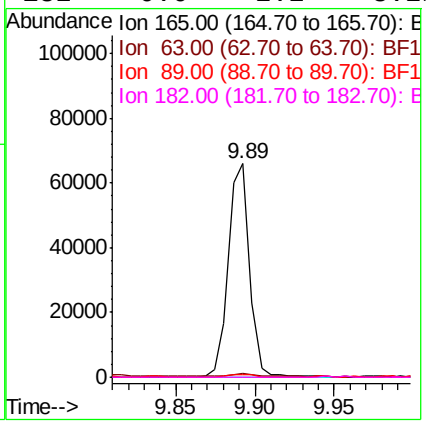


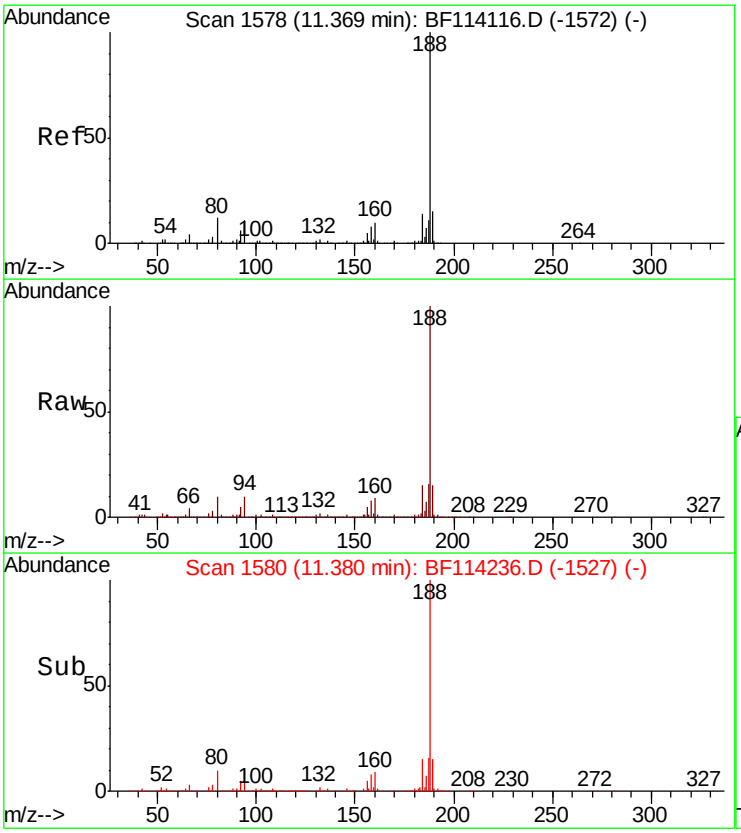
#57
2,4-Dinitrotoluene
Concen: 5.893 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.18 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Tgt Ion:165 Resp: 61510

Ion	Ratio	Lower	Upper
165	100		
63	1.7	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#

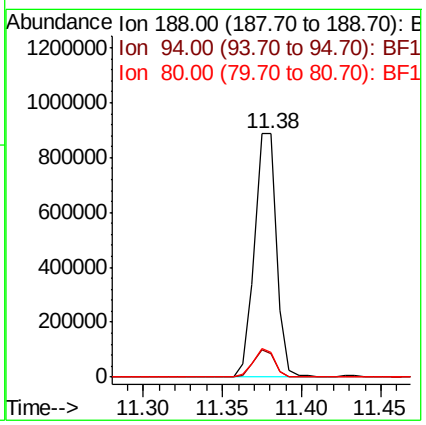


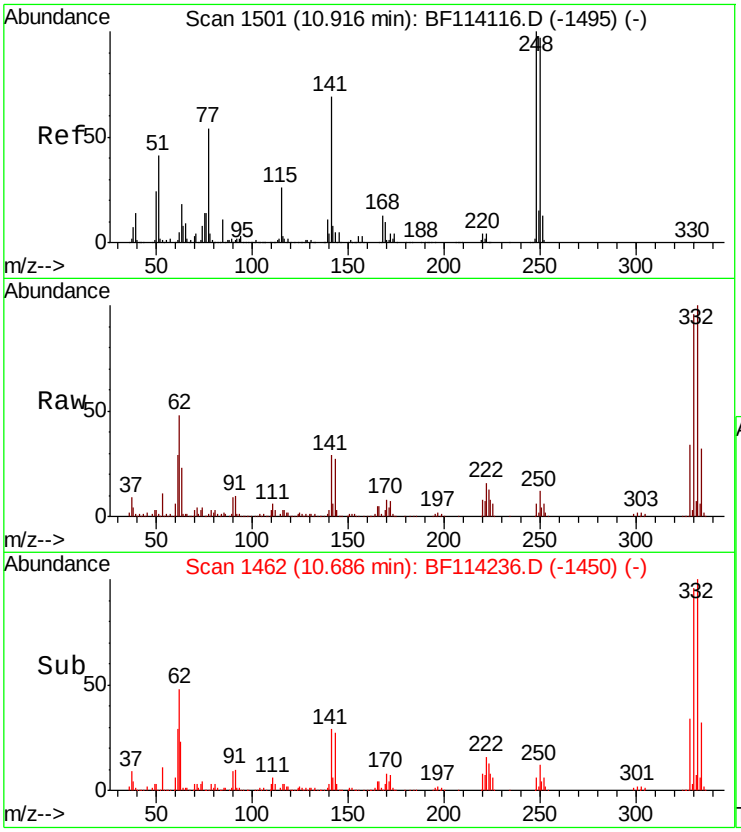


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Tgt Ion:188 Resp: 864762

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.4	12.6
80	10.2	9.2	13.8



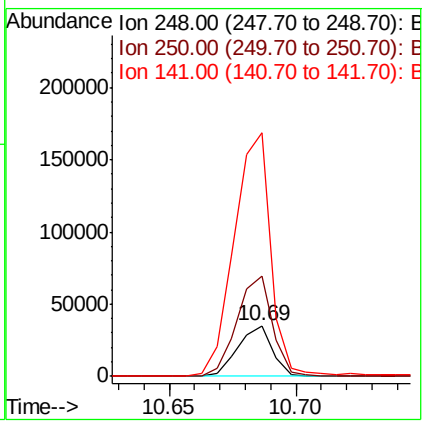


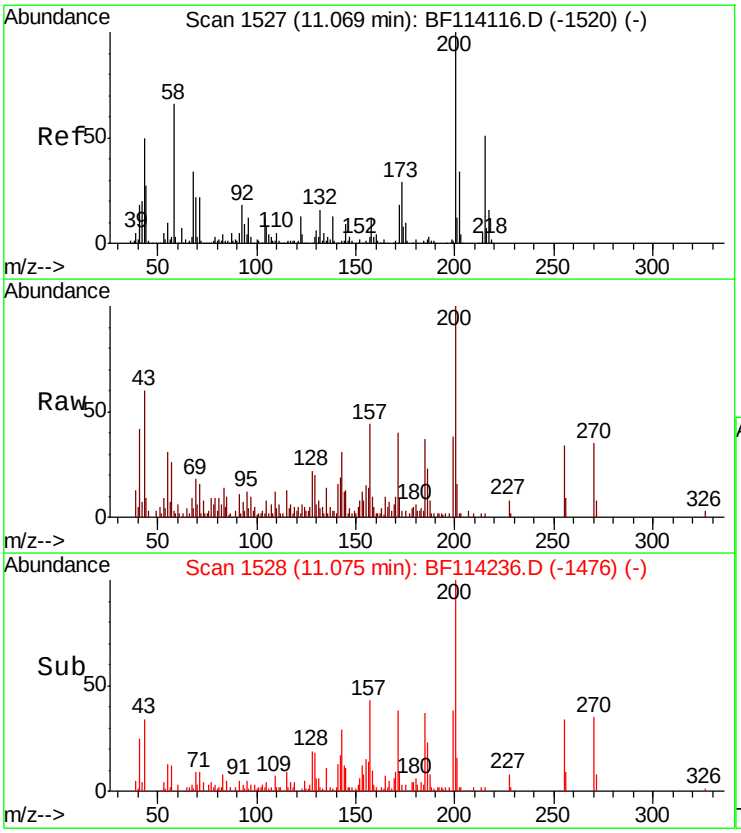
#67
4-Bromophenyl-phenylether
Concen: 3.481 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.23 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Tgt Ion:248 Resp: 33140

Ion	Ratio	Lower	Upper
248	100		
250	197.4	77.4	116.2#
141	480.4	55.6	83.4#

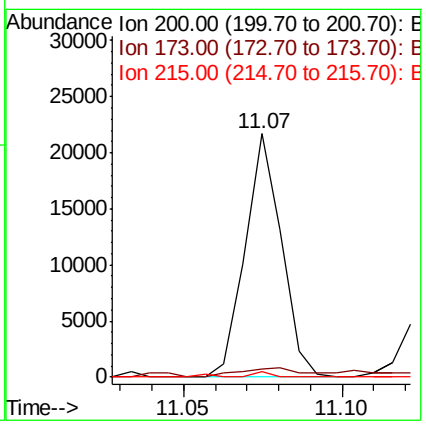


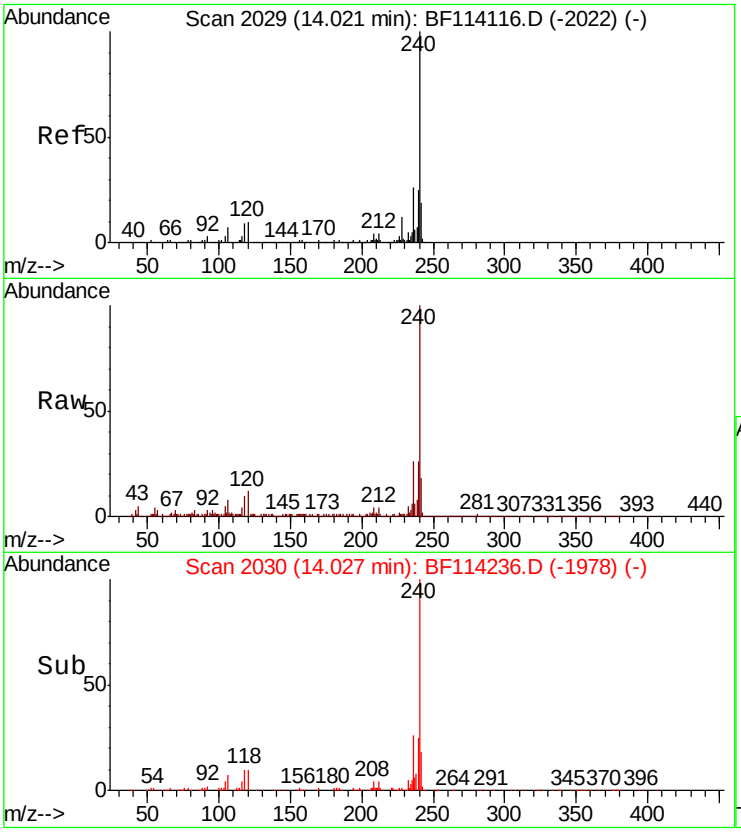


#69
Atrazine
Concen: 2.110 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Tgt Ion:200 Resp: 17232

Ion	Ratio	Lower	Upper
200	100		
173	3.1	8.9	48.9#
215	2.0	30.7	70.7#



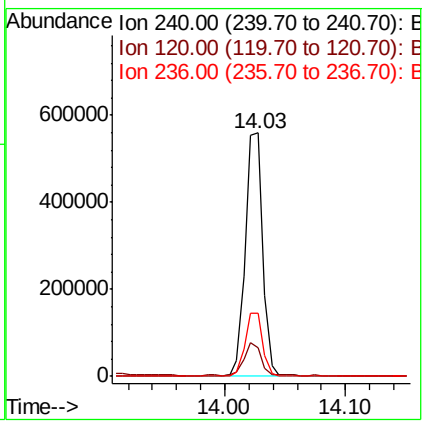


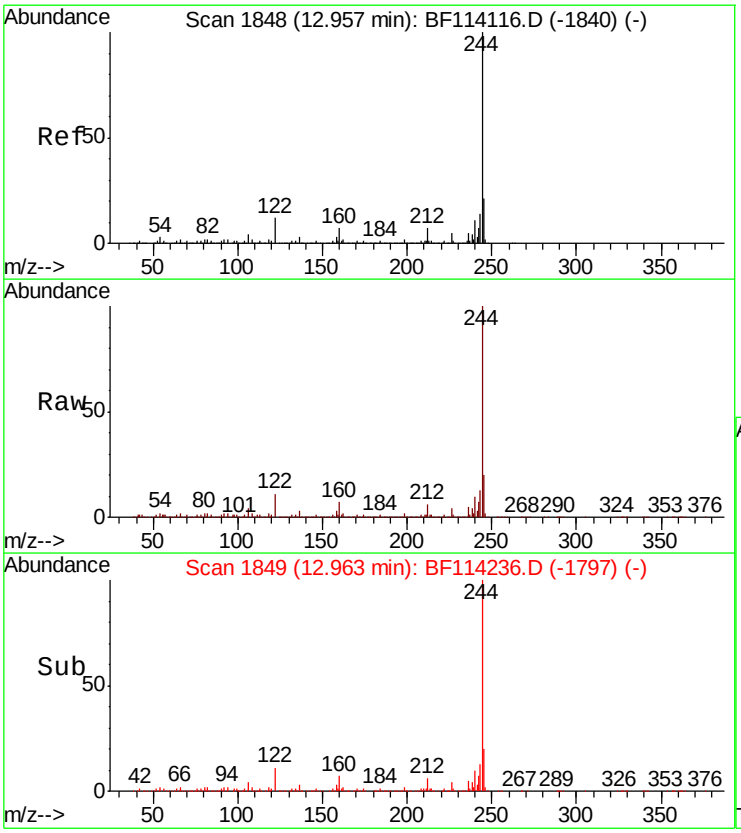
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Tgt Ion:240 Resp: 566580

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	26.1	20.8	31.2

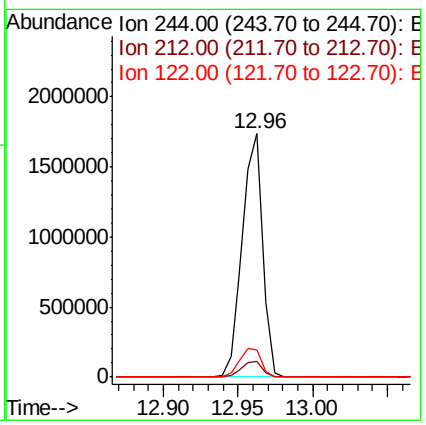


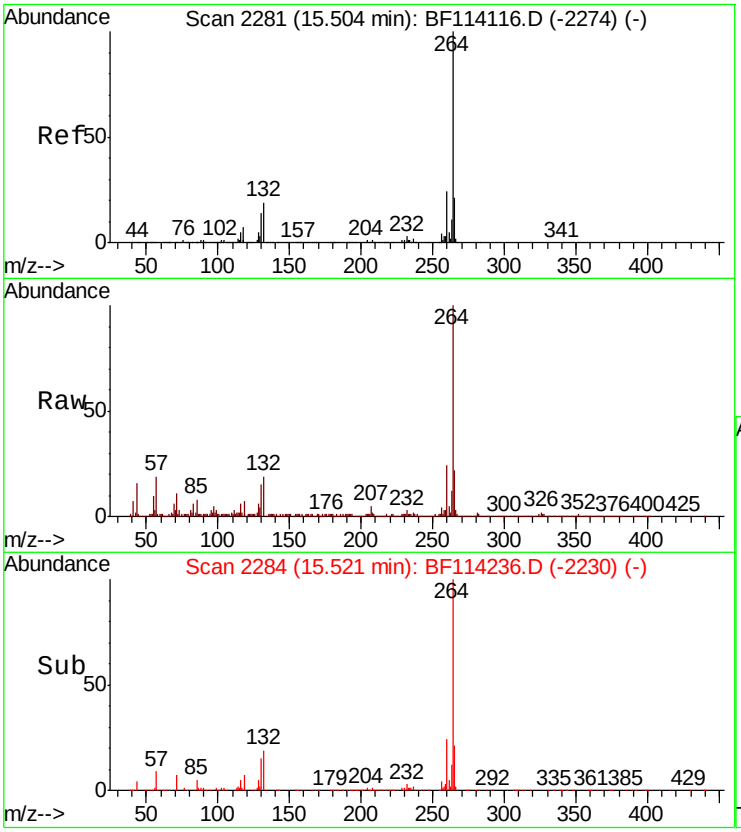


#79
Terphenyl-d14
Concen: 60.030 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Tgt Ion:244 Resp: 1649916

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	11.3	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Tgt Ion:264 Resp: 552359

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.7	16.9	25.3