Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114718.D
Acq On : 31 May 2019 20:34
Operator : HP/JU
Sample : K3051-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-A

Quant Time: Jun 01 00:27:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	422993	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1611845	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	781090	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1405286	20.00	ng	0.00
76) Chrysene-d12	13.82	240	939363	20.00	ng	0.00
87) Perylene-d12	15.20	264	839859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1965733	81.59	ng	0.01
7) Phenol-d6	6.33	99	2444083	84.19	ng	0.00
23) Nitrobenzene-d5	7.25	82	1498035	57.98	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	652330	87.65	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2669361	59.37	ng	0.00
79) Terphenyl-d14	12.77	244	2529714	50.63	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.33	77	4380	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.25	70	204873	10.223	ng	# 76
25) Isophorone	7.25	82	1450713	27.980	ng	# 63
50) Dimethylphthalate	9.44	163	216934	3.986	ng	98
51) 2,6-Dinitrotoluene	9.72	165	101356	8.014	ng	# 31
57) 2,4-Dinitrotoluene	9.72	165	101659	6.263	ng	# 24
58) Fluorene	10.26	166	3143	Below Cal	#	83
61) 4-Chlorophenyl-phenylether	10.26	204	123	Below Cal	#	1
67) 4-Bromophenyl-phenylether	10.50	248	42000	2.787	ng	# 1
69) Atrazine	10.90	200	496	Below Cal	#	1
74) Di-n-butylphthalate	11.76	149	4230	Below Cal	#	52

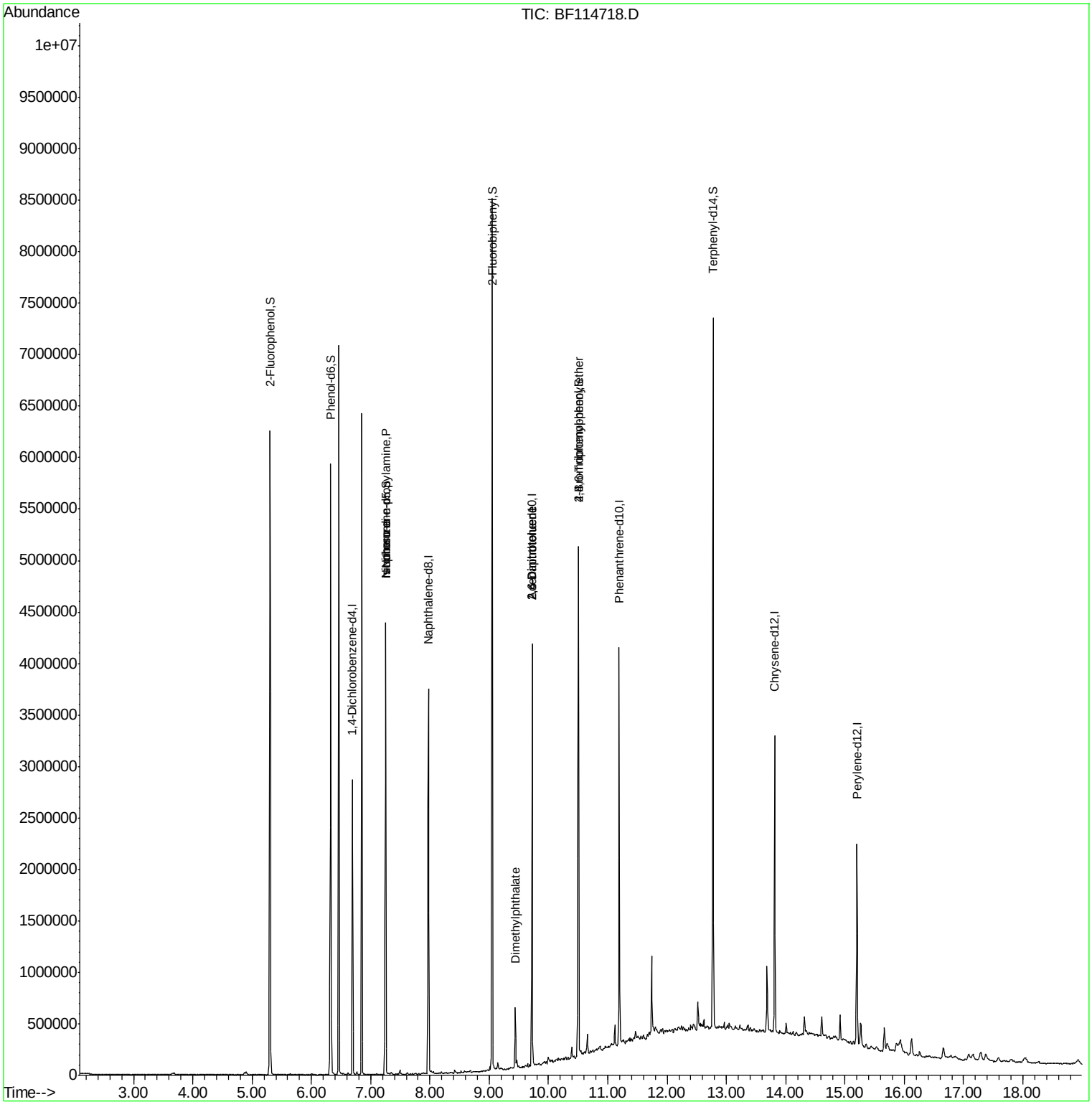
(#) = qualifier out of range (m) = manual integration (+) = signals summed

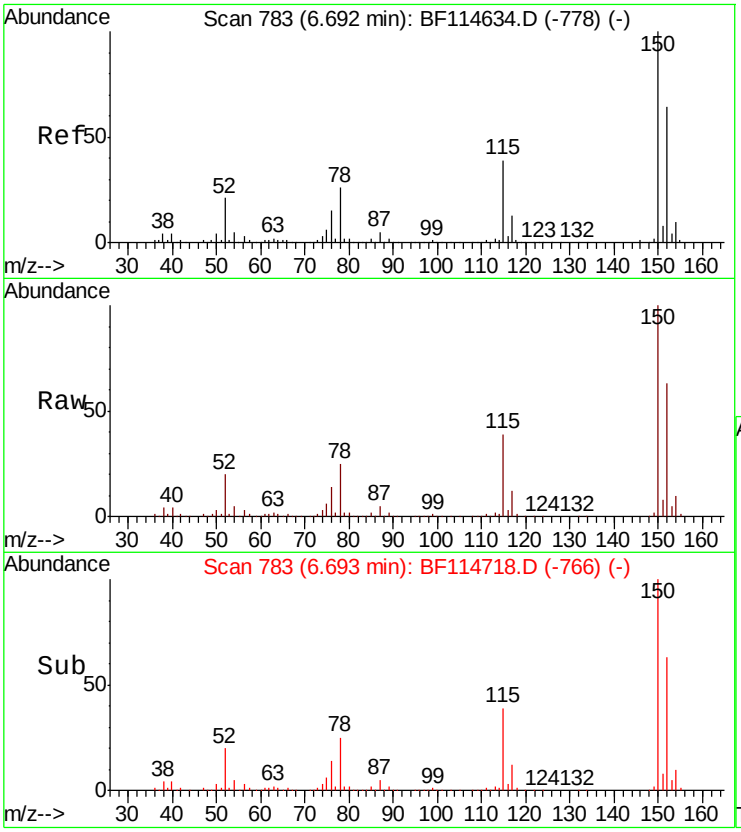
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114718.D
Acq On : 31 May 2019 20:34
Operator : HP/JU
Sample : K3051-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Quant Time: Jun 01 00:27:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration



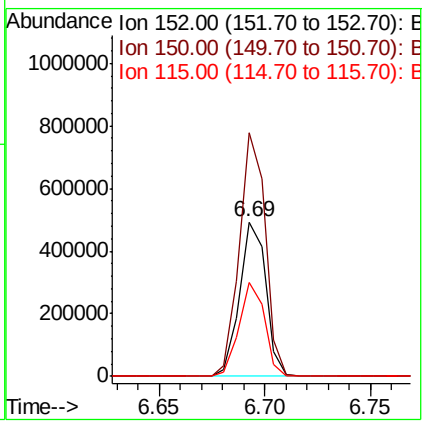


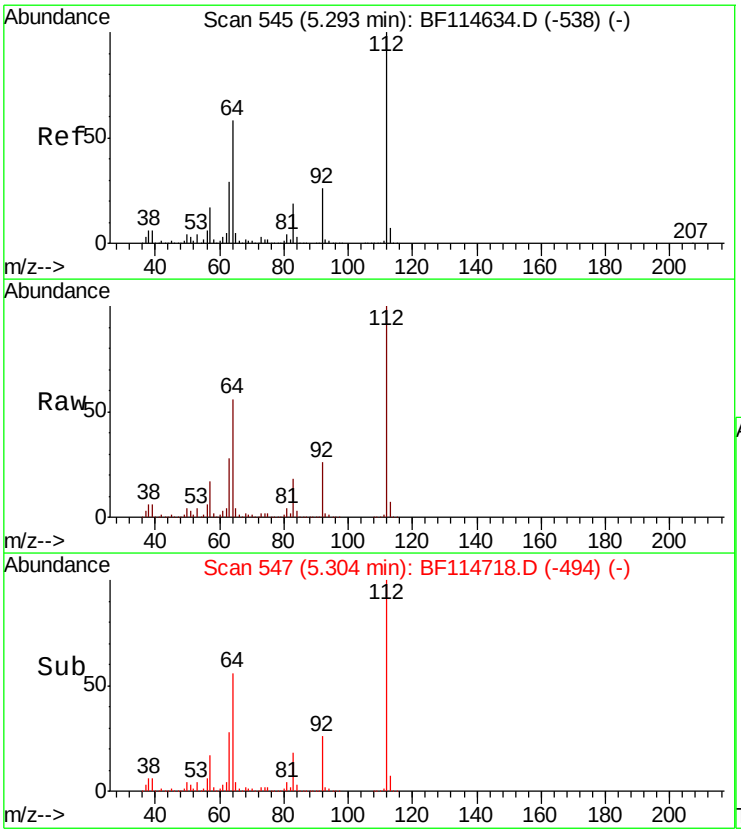
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tgt Ion:152 Resp: 422993

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.4	186.6
115	60.9	48.7	73.1

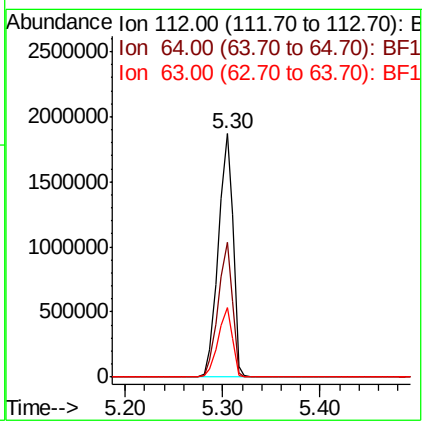


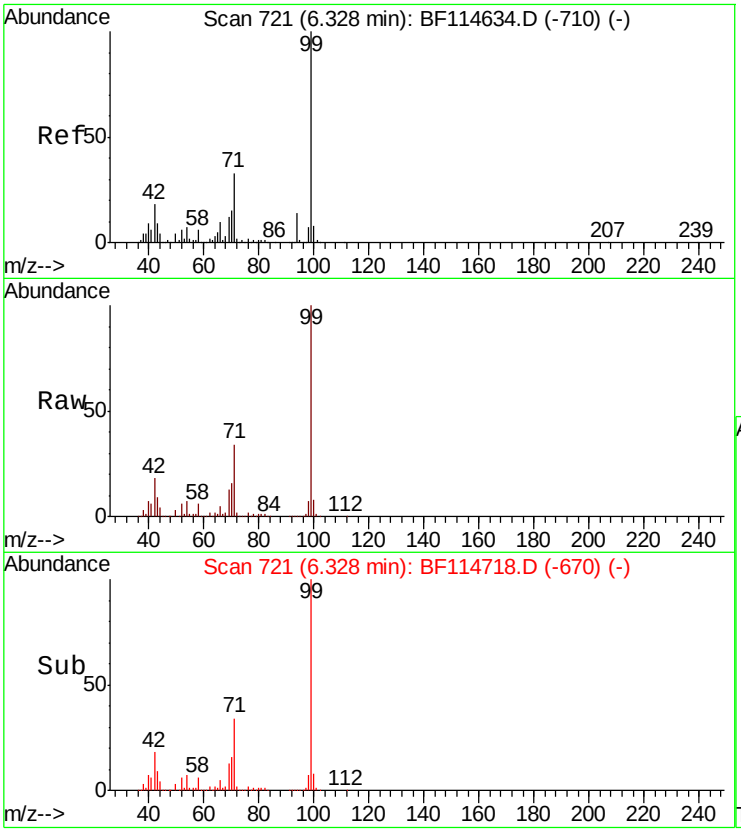


#5
2-Fluorophenol
Concen: 81.591 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Tgt Ion:112 Resp: 1965733

Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.1	69.1
63	28.4	23.4	35.2



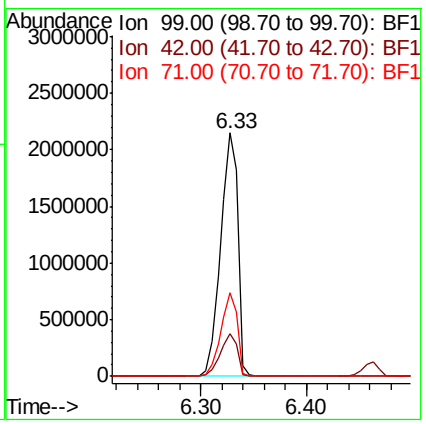


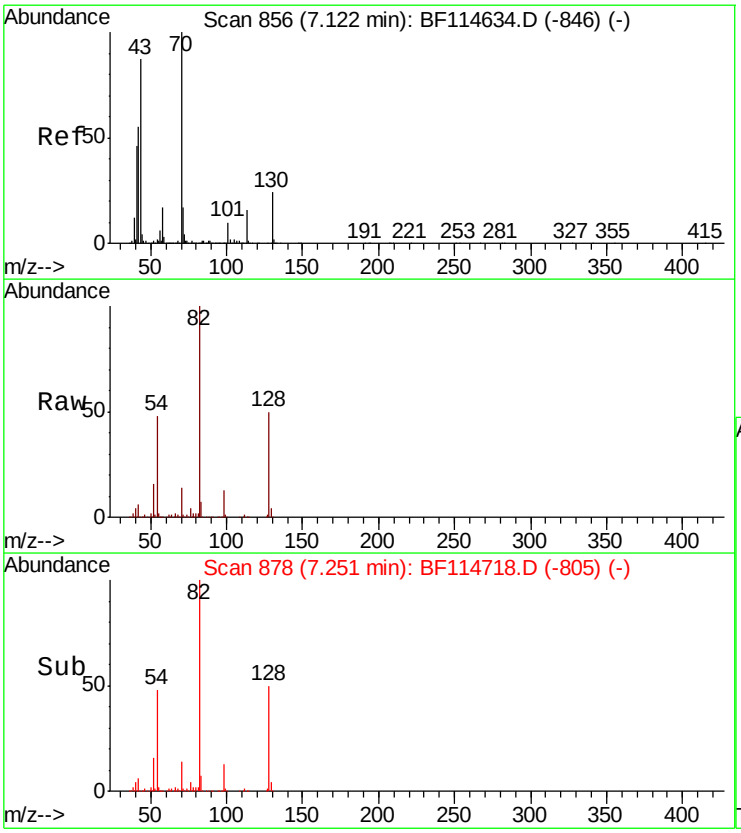
#7
Phenol-d6
Concen: 84.185 ng
RT: 6.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tgt Ion: 99 Resp: 2444083

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.7	22.1
71	34.1	26.6	40.0

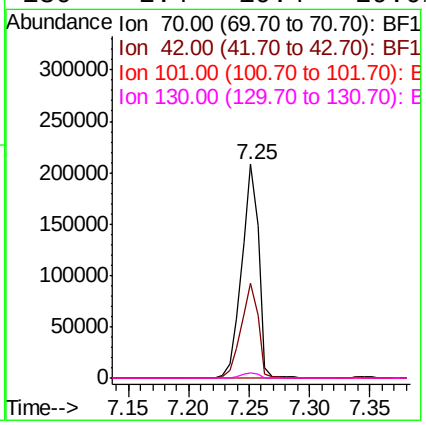


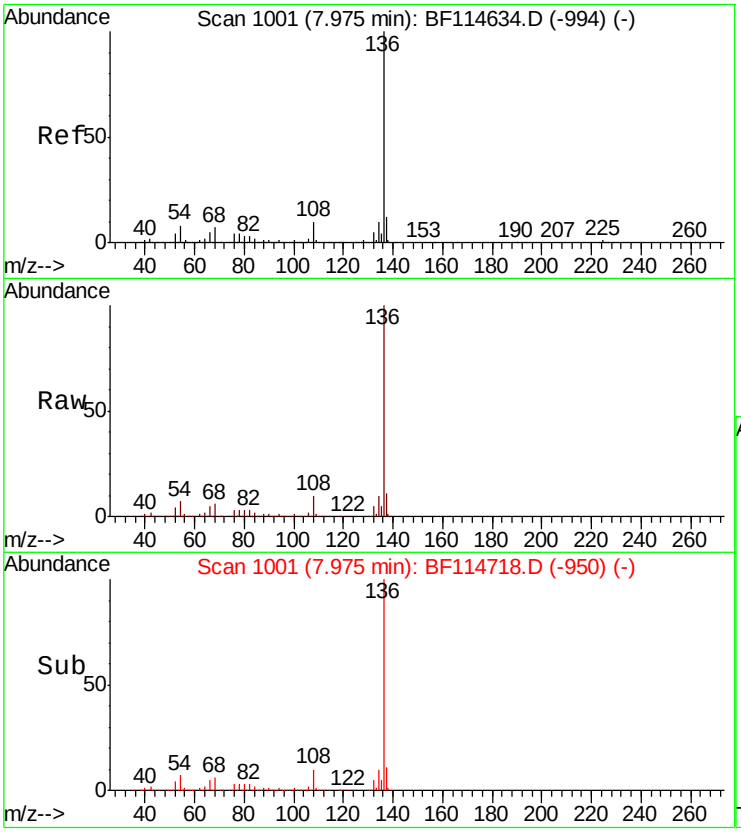


#19
n-Nitroso-di-n-propylamine
Concen: 10.223 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.13 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Tgt Ion: 70 Resp: 204873

Ion	Ratio	Lower	Upper
70	100		
42	44.4	44.4	66.6#
101	0.0	8.2	12.4#
130	2.4	19.4	29.0#



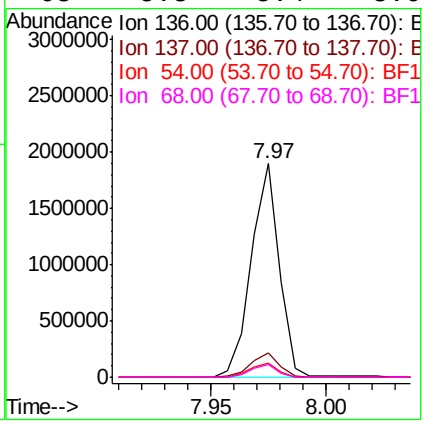


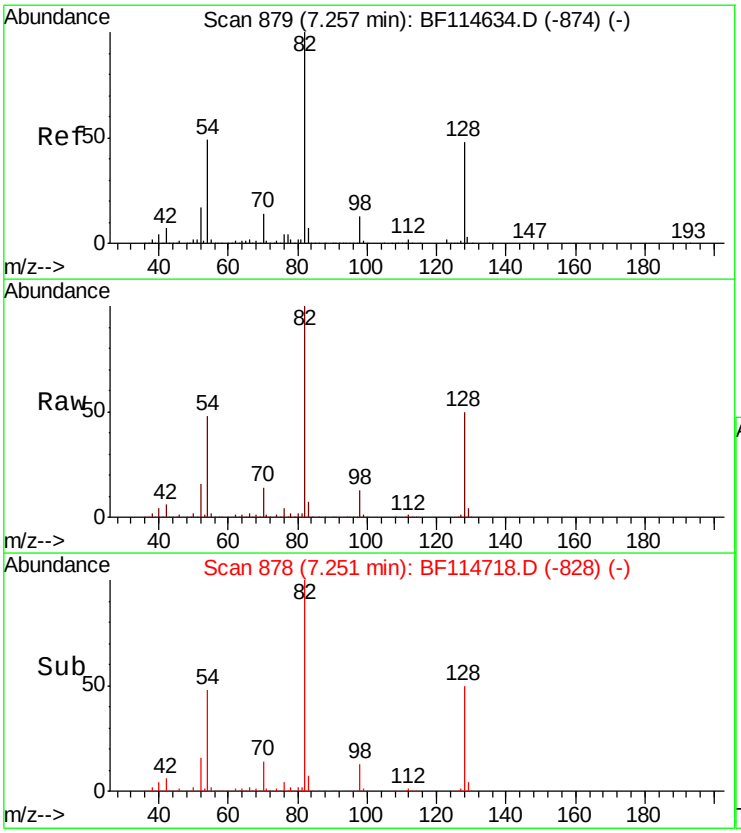
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tgt Ion:136 Resp: 1611845

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.8	6.3	9.5
68	5.8	5.4	8.0

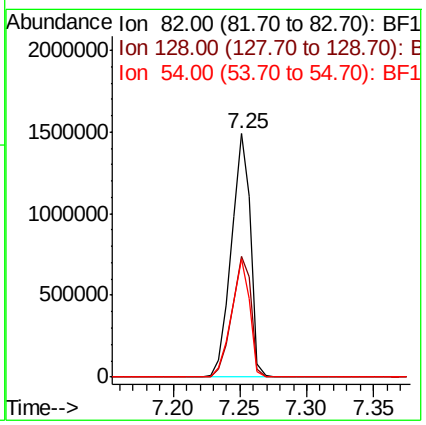


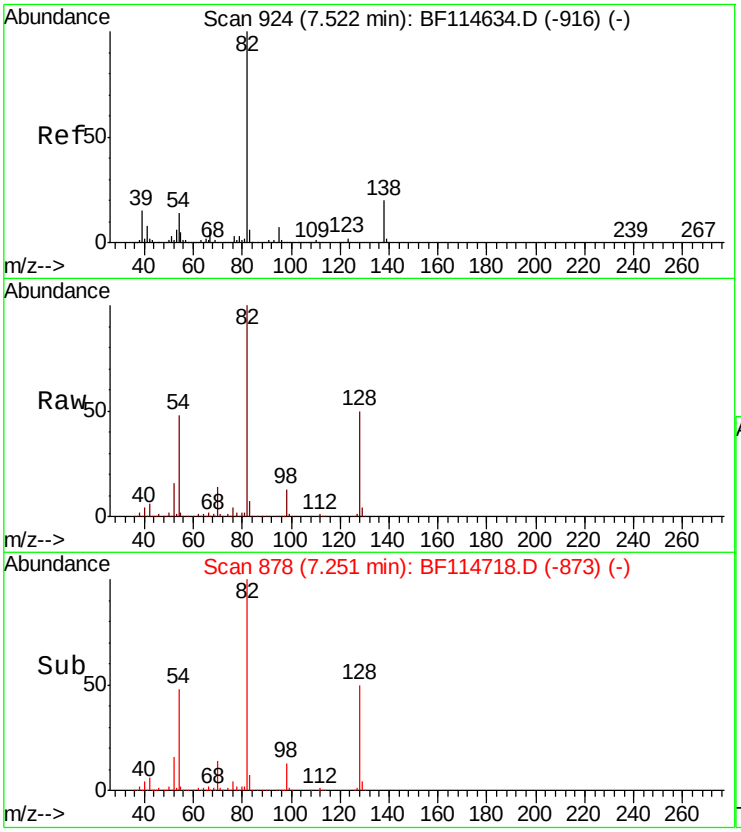


#23
Nitrobenzene-d5
Concen: 57.984 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Tgt Ion: 82 Resp: 1498035

Ion	Ratio	Lower	Upper
82	100		
128	49.7	38.5	57.7
54	48.4	39.1	58.7



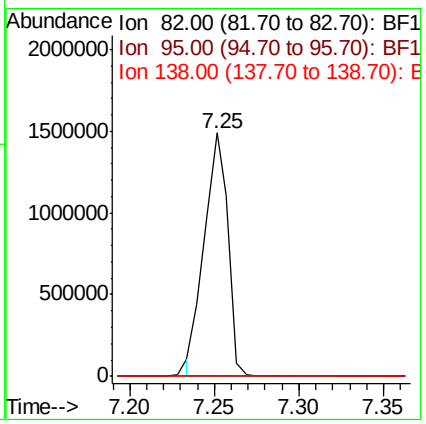


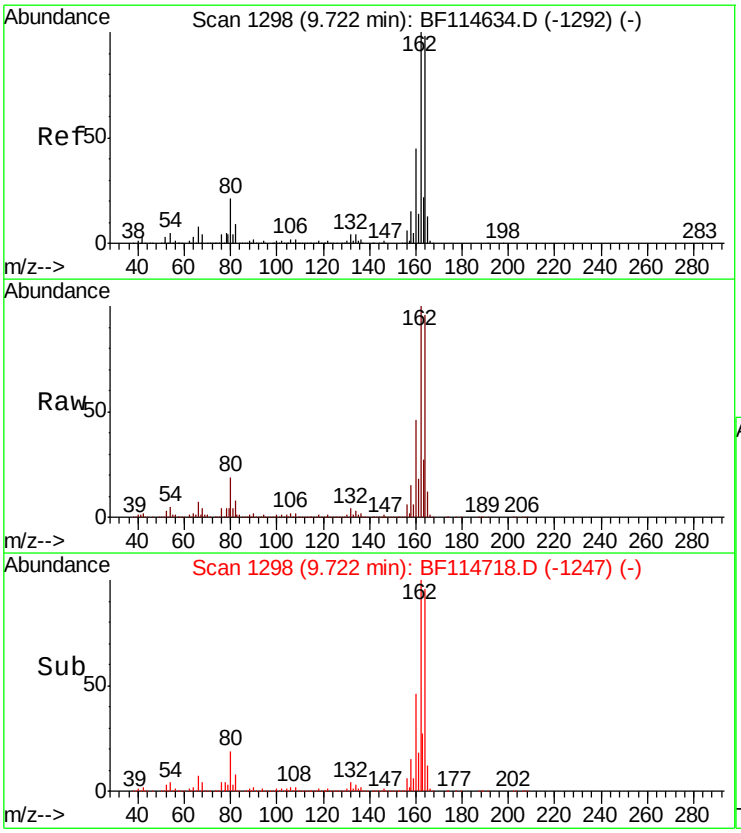
#25
Isophorone
Concen: 27.980 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.27 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tgt Ion: 82 Resp: 1450713

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.9	23.9#

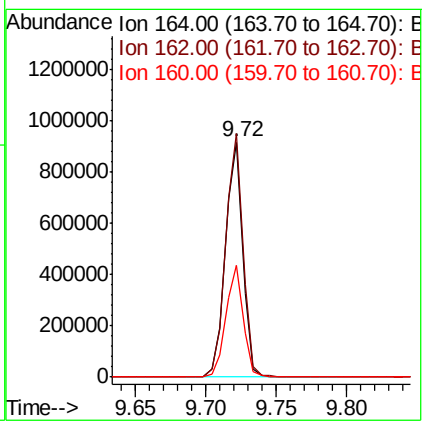


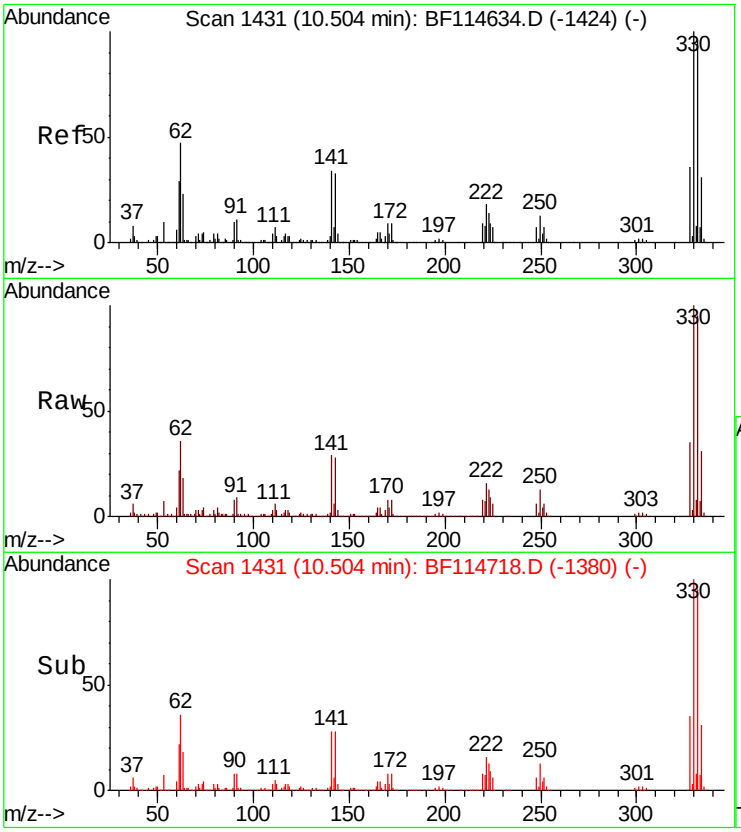


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Tgt Ion:164 Resp: 781090

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.4	122.2
160	47.4	36.6	54.8



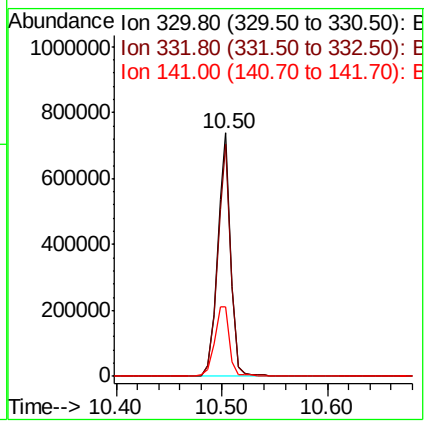


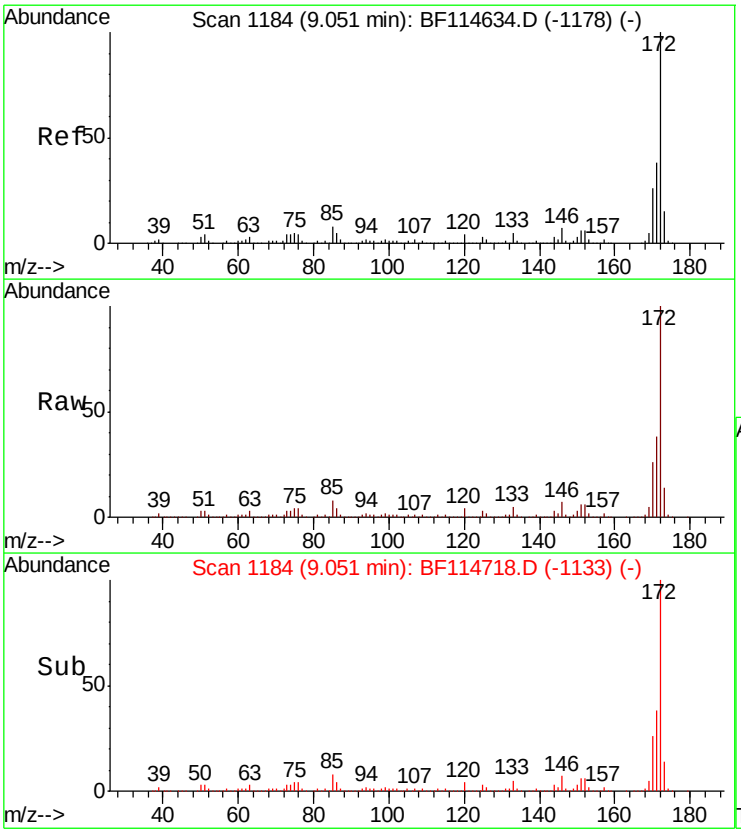
#42
2,4,6-Tribromophenol
Concen: 87.649 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tgt Ion:330 Resp: 652330

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.8	113.8
141	32.8	27.8	41.8

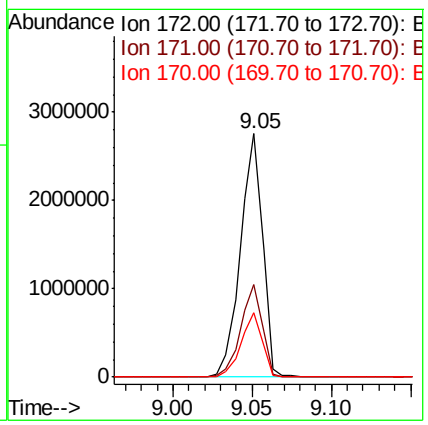


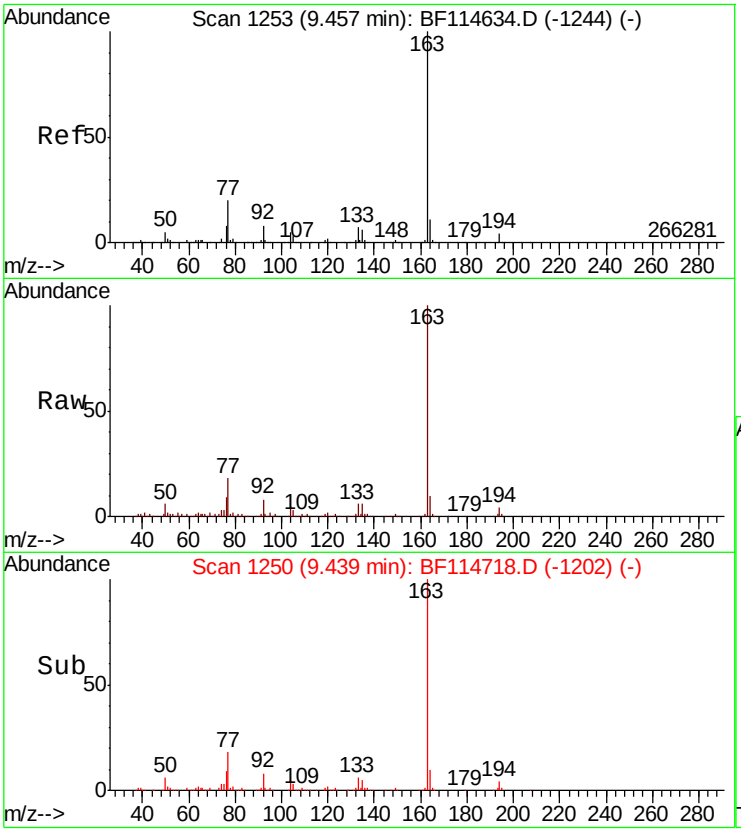


#45
2-Fluorobiphenyl
Concen: 59.372 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Tgt Ion:172 Resp: 2669361

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.6	45.8
170	26.3	20.7	31.1



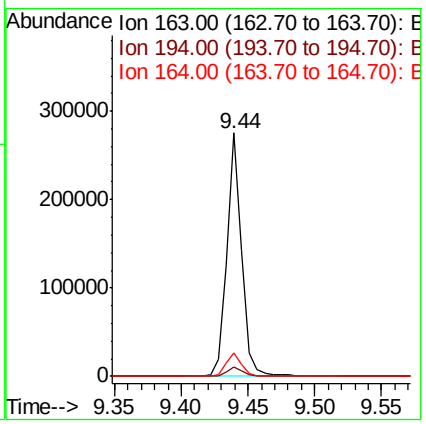


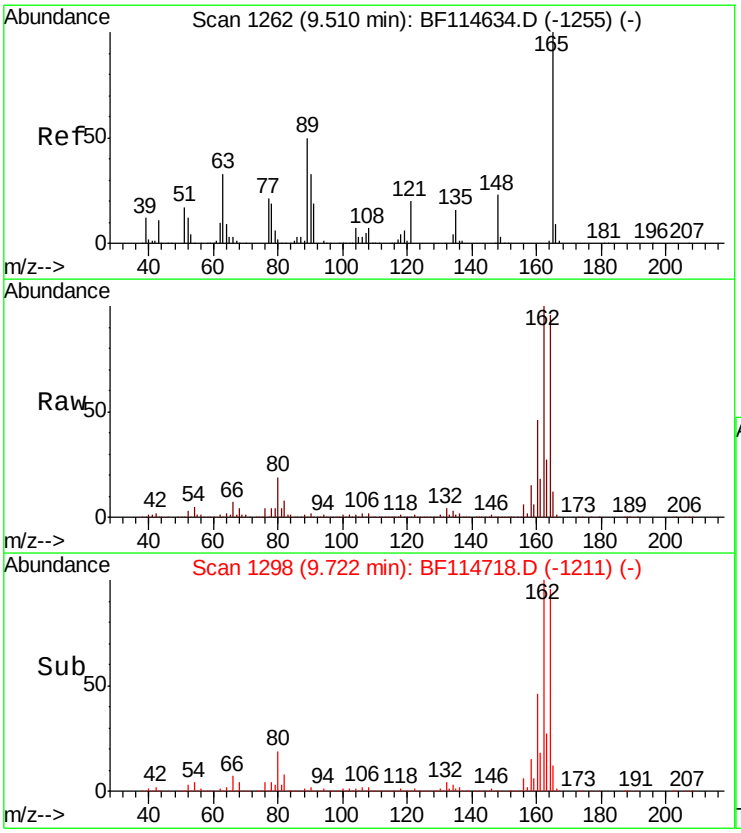
#50
Dimethylphthalate
Concen: 3.986 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tgt Ion:163 Resp: 216934

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.8	8.6	13.0

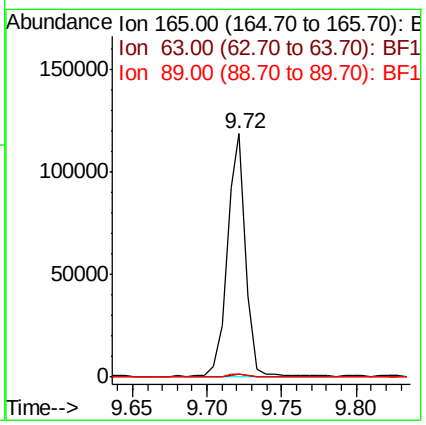


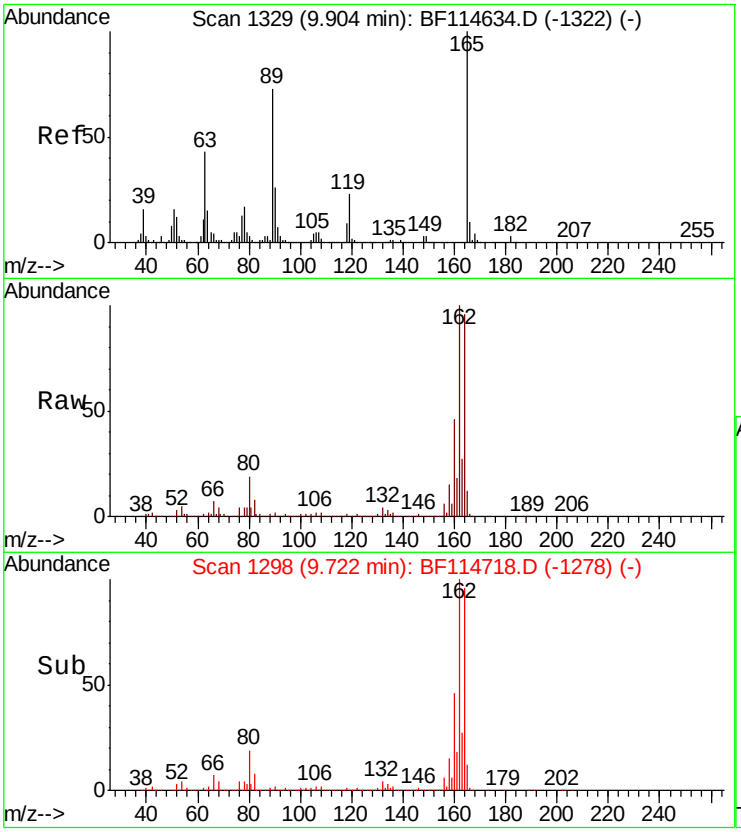


#51
2,6-Dinitrotoluene
Concen: 8.014 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.21 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Tgt Ion:165 Resp: 101356

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.6	54.8#
89	1.5	40.2	60.4#



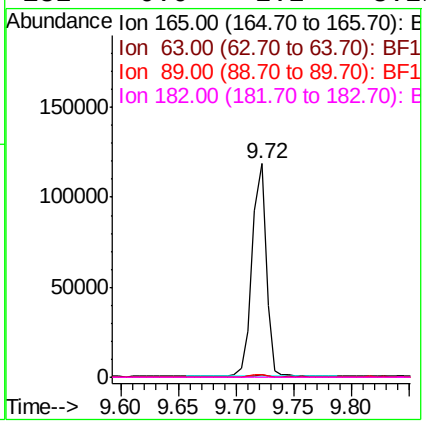


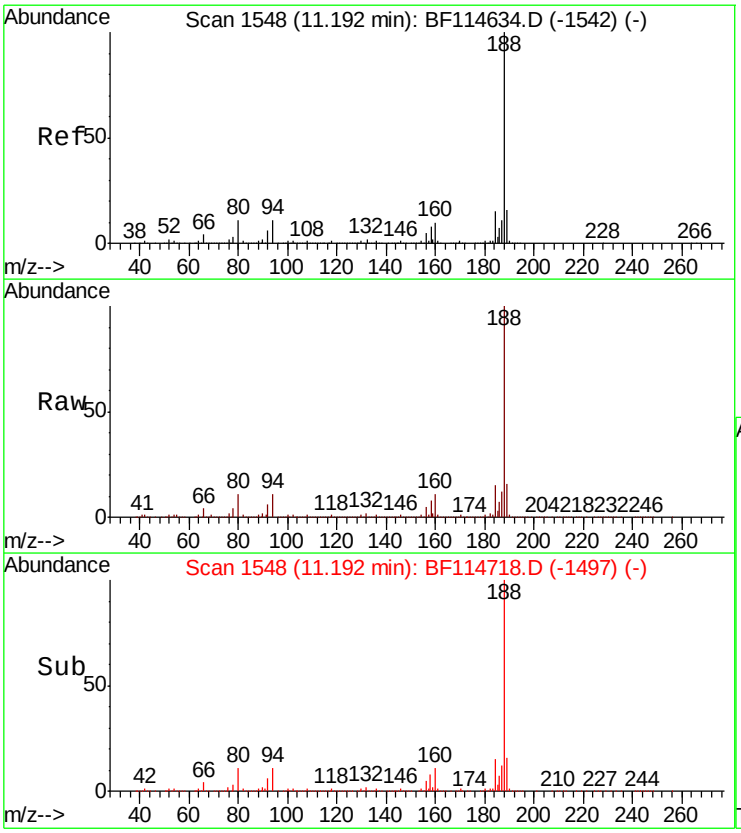
#57
2,4-Dinitrotoluene
Concen: 6.263 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tgt Ion:165 Resp: 101659

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.8	52.2#
89	1.5	58.5	87.7#
182	0.0	2.2	3.2#

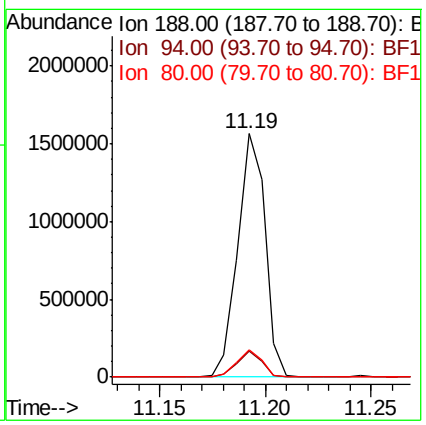


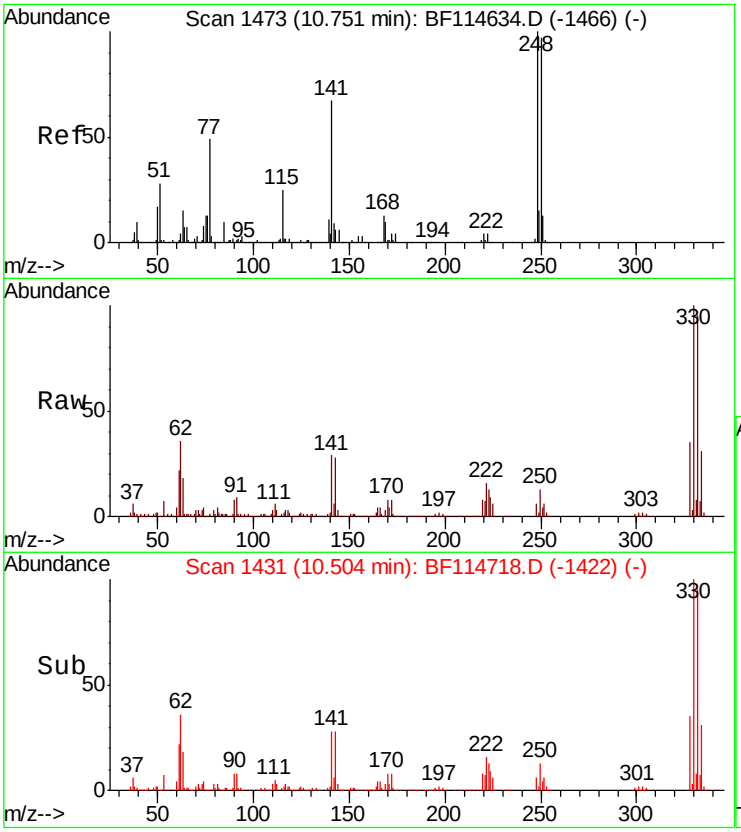


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Tgt Ion:188 Resp: 1405286

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.6	13.0
80	11.0	9.0	13.6



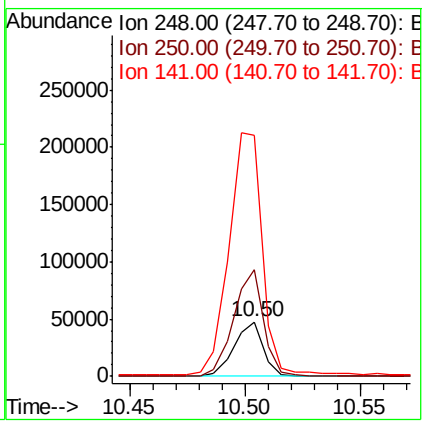


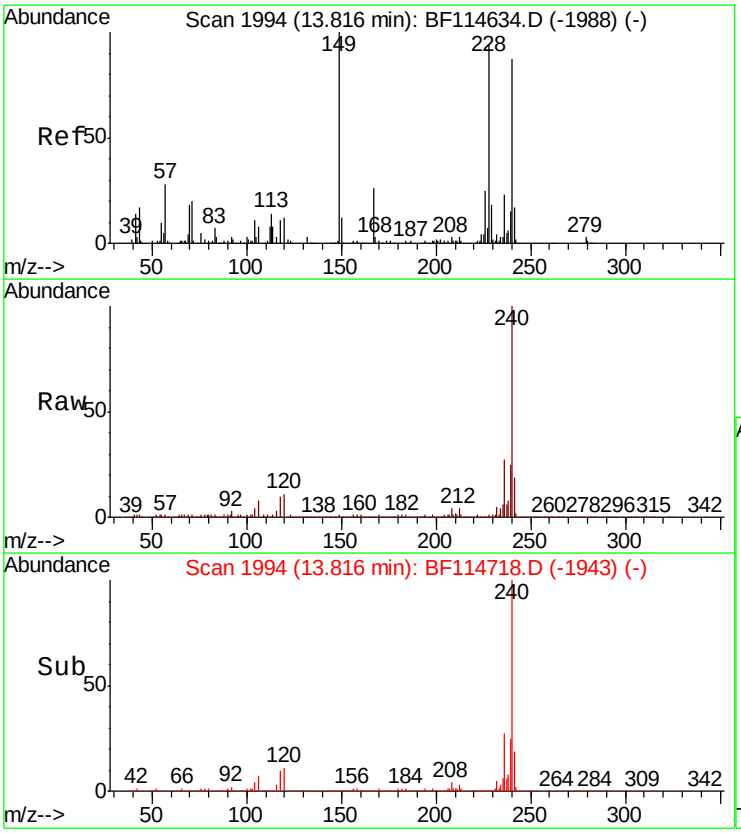
#67
4-Bromophenyl-phenylether
Concen: 2.787 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tgt Ion:248 Resp: 42000

Ion	Ratio	Lower	Upper
248	100		
250	195.8	78.0	117.0#
141	445.3	53.8	80.8#

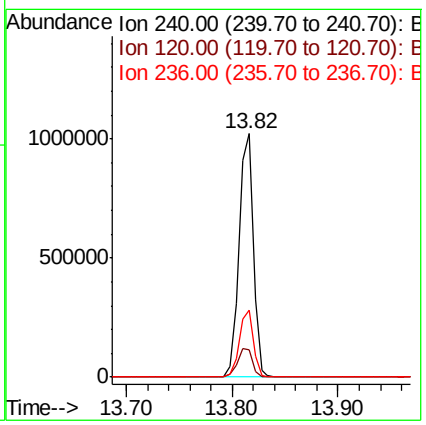


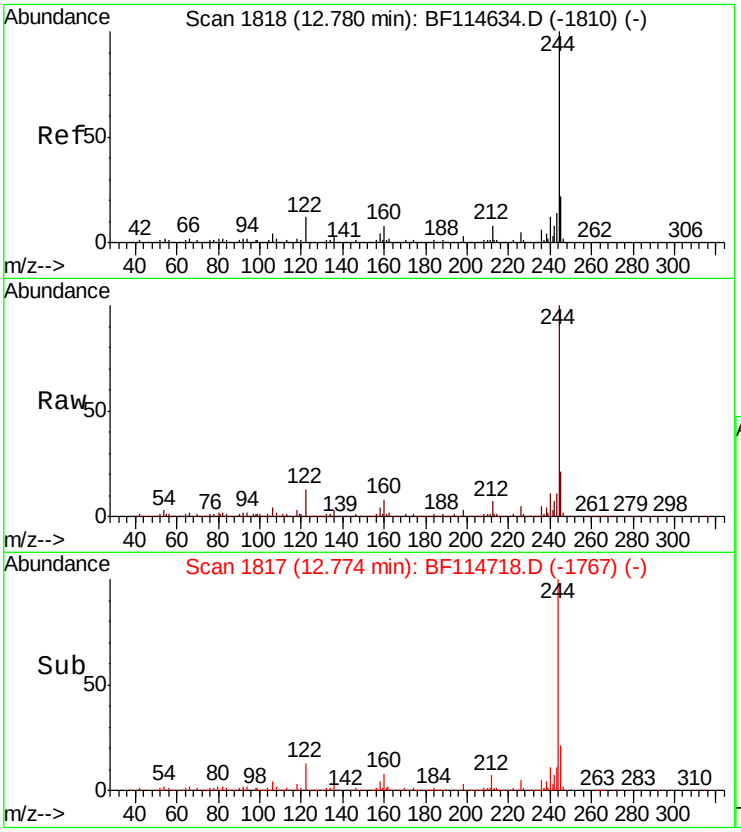


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Tgt Ion:240 Resp: 939363

Ion	Ratio	Lower	Upper
240	100		
120	11.2	11.2	16.8#
236	27.3	21.2	31.8



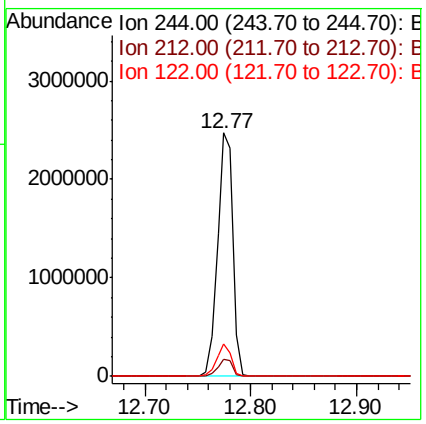


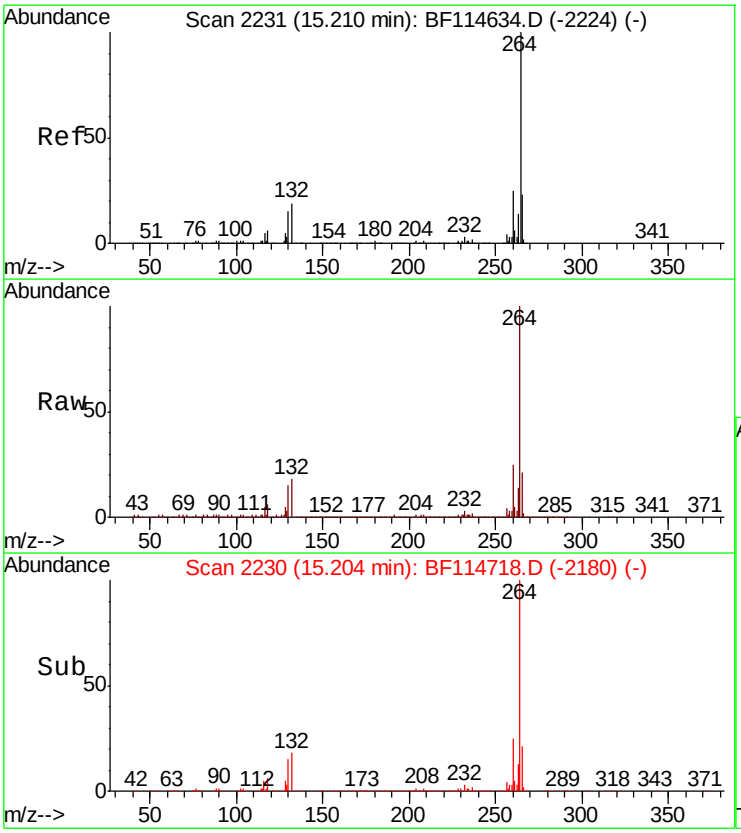
#79
Terphenyl-d14
Concen: 50.633 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tgt Ion:244 Resp: 2529714

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	13.3	9.8	14.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Tgt Ion:264 Resp: 839859

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.5	18.1	27.1