Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114991.D
Acq On : 13 Jun 2019 9:33
Operator : HP/JU
Sample : K3285-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-1-OW(0-10)

Quant Time: Jun 13 17:31:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	309926	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1179580	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	566860	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1031756	20.00	ng		-0.01
76) Chrysene-d12	13.77	240	596244	20.00	ng		-0.01
87) Perylene-d12	15.14	264	670149	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1638835	88.30	ng		0.00
7) Phenol-d6	6.29	99	2057446	91.89	ng		0.00
23) Nitrobenzene-d5	7.21	82	1257416	64.16	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	532215	87.68	ng		-0.01
45) 2-Fluorobiphenyl	9.00	172	2050952	61.32	ng		0.00
79) Terphenyl-d14	12.73	244	1703975	53.75	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.19	77	2208	Below Cal			91
19) n-Nitroso-di-n-propylamine	7.21	70	166553	12.244	ng	#	78
25) Isophorone	7.21	82	1236041	33.676	ng	#	62
50) Dimethylphthalate	9.40	163	429172	10.067	ng		98
57) 2,4-Dinitrotoluene	9.67	165	72672	5.904	ng	#	29
58) Fluorene	10.22	166	1794	Below Cal		#	85
67) 4-Bromophenyl-phenylether	10.46	248	33915	3.061	ng	#	1
88) Benzo(b)fluoranthene	14.76	252	99311	2.229	ng	#	97
89) Benzo(k)fluoranthene	14.76	252	99311	2.540	ng	#	95

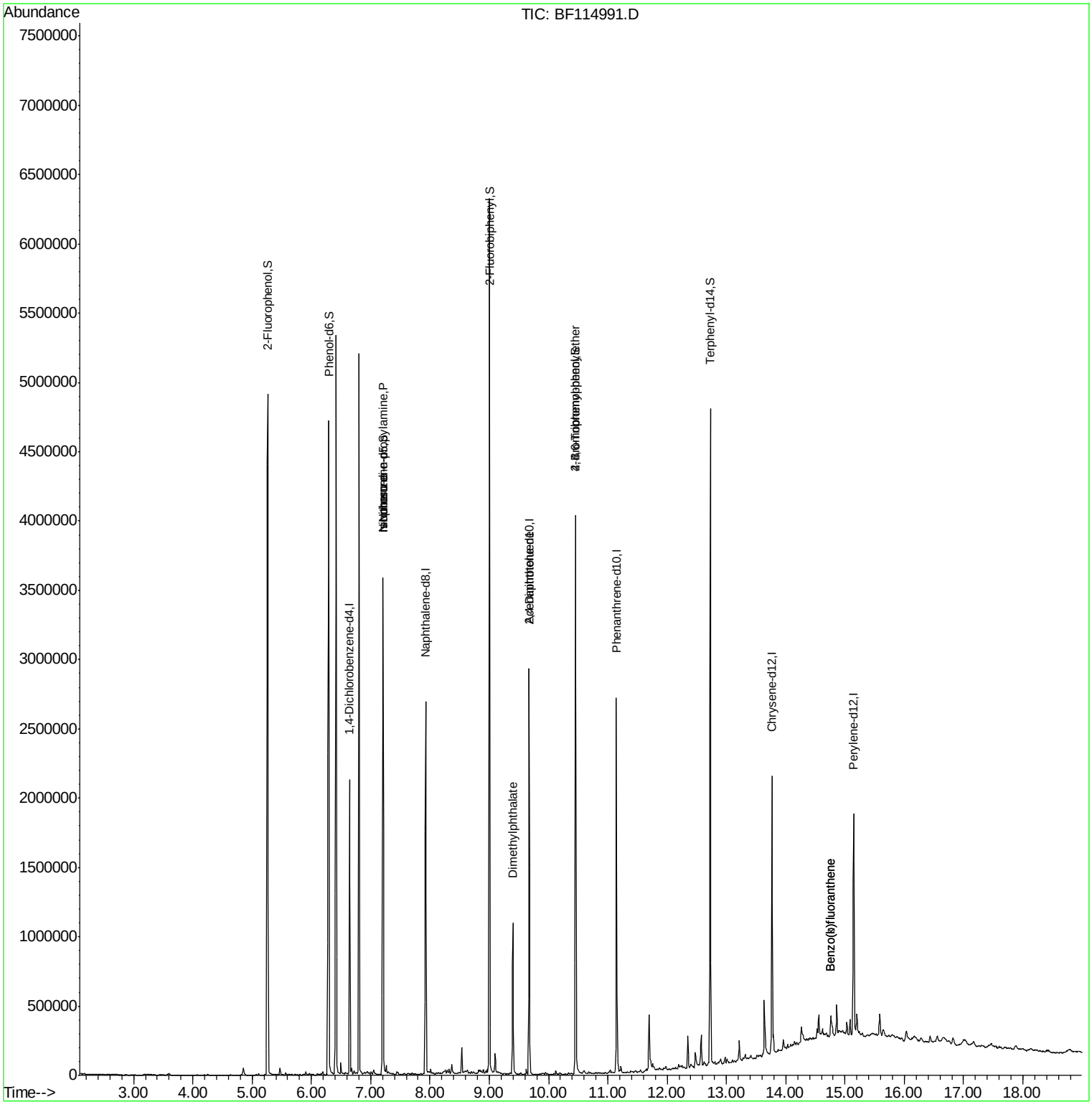
(#) = qualifier out of range (m) = manual integration (+) = signals summed

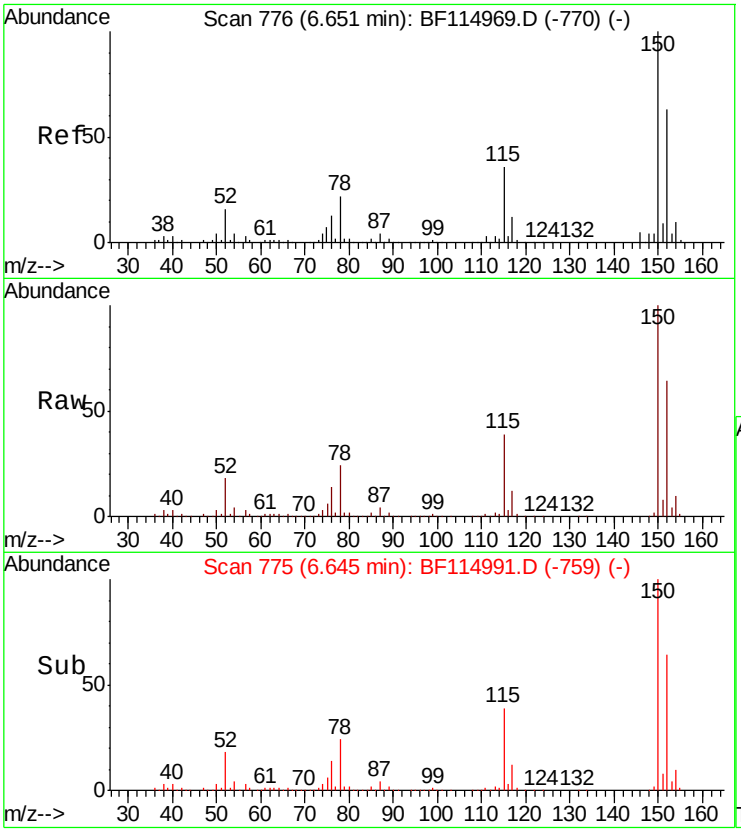
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114991.D
Acq On : 13 Jun 2019 9:33
Operator : HP/JU
Sample : K3285-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-1-OW(0-10)

Quant Time: Jun 13 17:31:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration



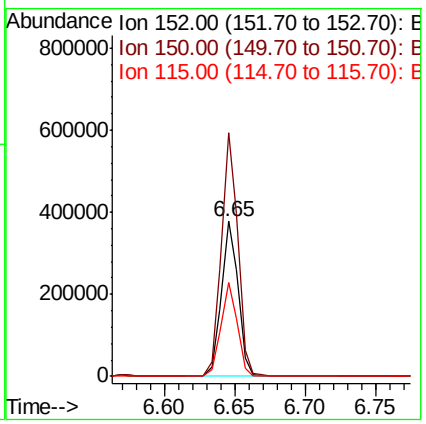


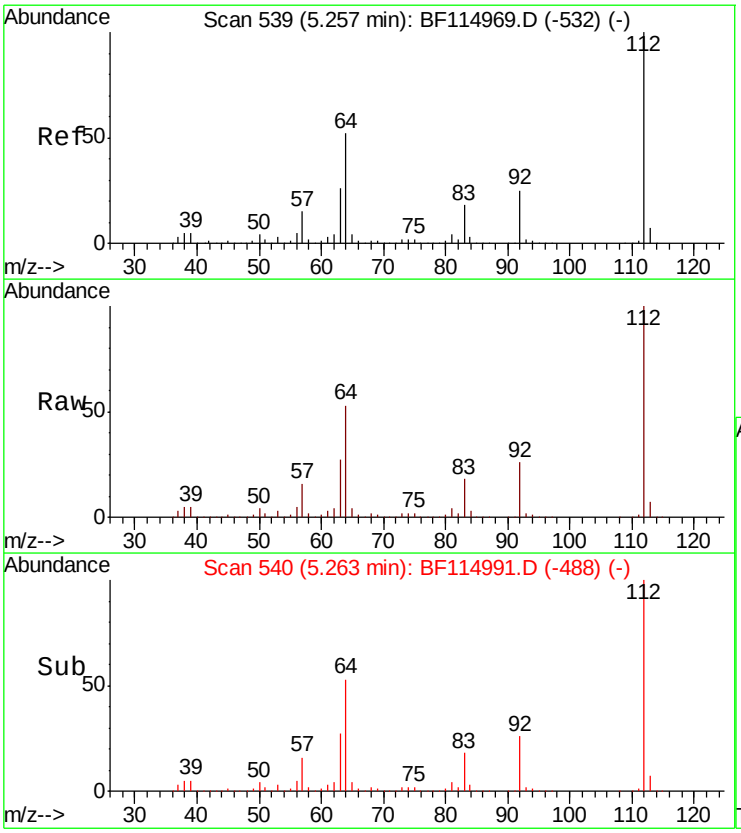
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Instrument :
BNA_F
ClientSampleId :
M-1-OW(0-10)

Tgt Ion:152 Resp: 309926

Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.4	191.0
115	60.7	46.0	69.0

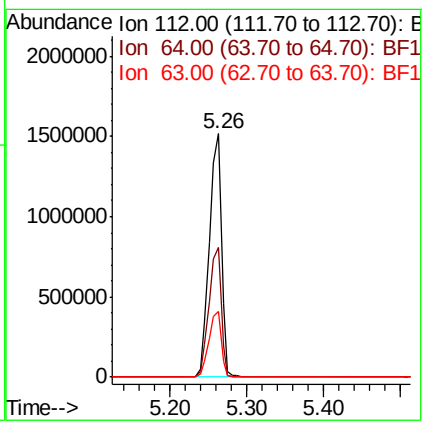


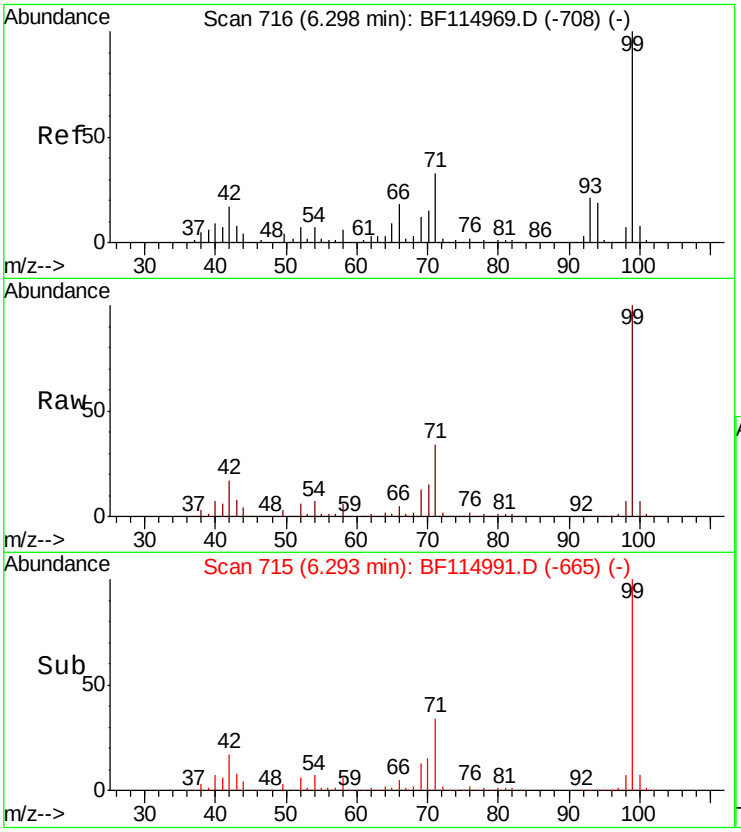


#5
2-Fluorophenol
Concen: 88.295 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Tgt Ion:112 Resp: 1638835

Ion	Ratio	Lower	Upper
112	100		
64	53.3	41.6	62.4
63	27.1	20.9	31.3



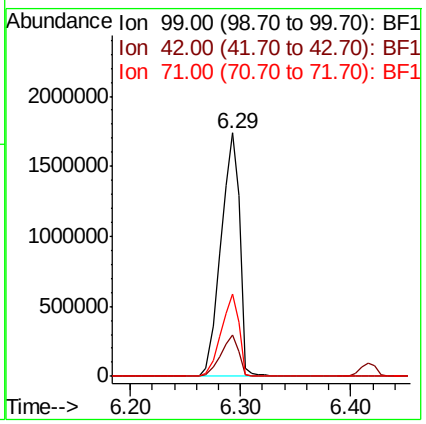


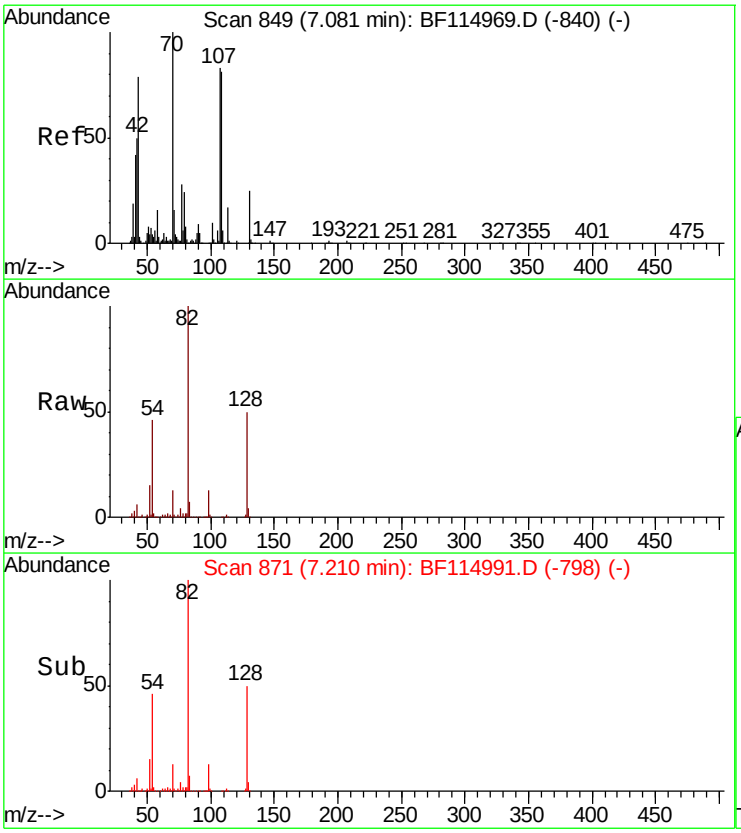
#7
Phenol-d6
Concen: 91.893 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Instrument :
BNA_F
ClientSampleId :
M-1-OW(0-10)

Tgt Ion: 99 Resp: 2057446

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.4	20.2
71	34.1	26.4	39.6

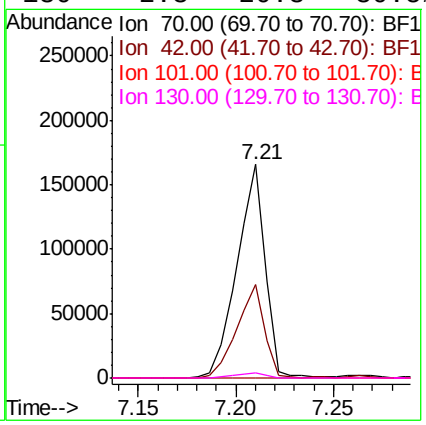


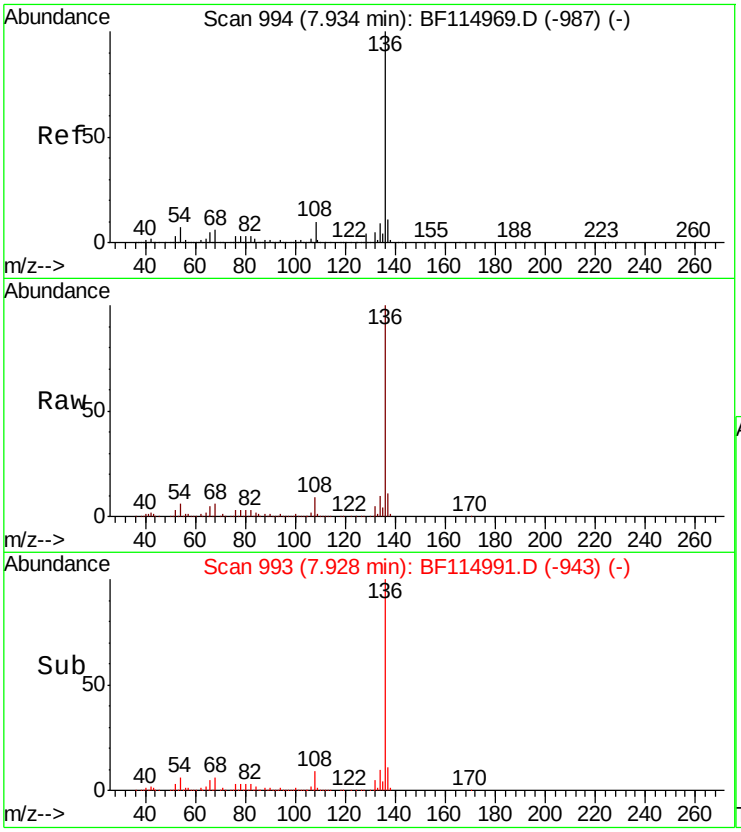


#19
n-Nitroso-di-n-propylamine
Concen: 12.244 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.13 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Tgt Ion: 70 Resp: 166553

Ion	Ratio	Lower	Upper
70	100		
42	44.0	40.3	60.5
101	0.0	8.2	12.4#
130	2.3	20.3	30.5#



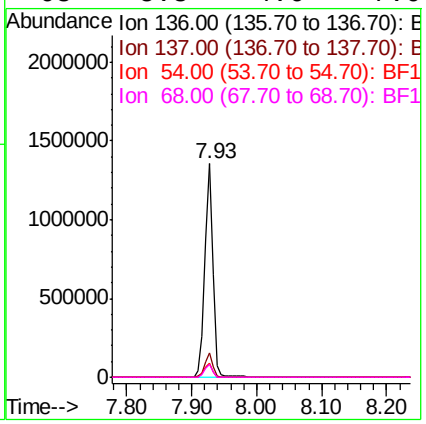


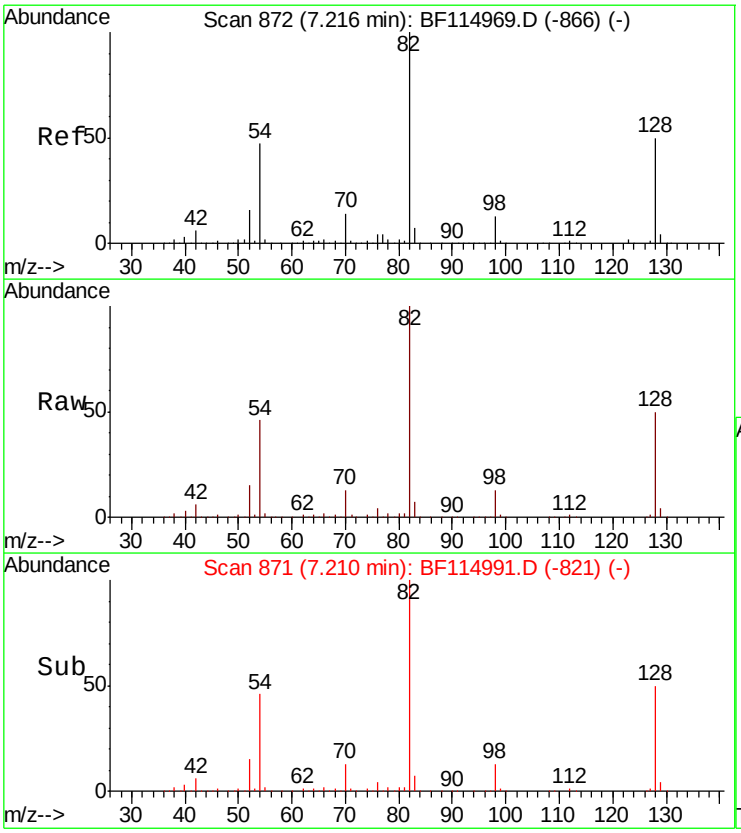
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Instrument :
BNA_F
ClientSampleId :
M-1-OW(0-10)

Tgt Ion:136 Resp: 1179580

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.4	5.4	8.0
68	5.8	4.6	7.0

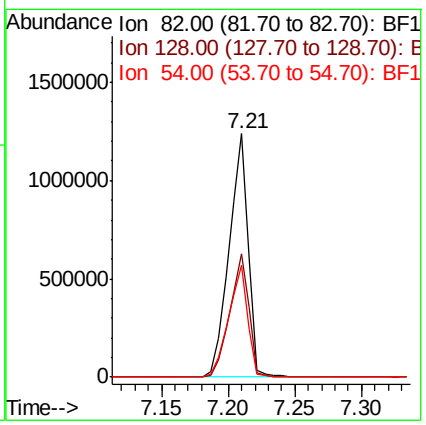


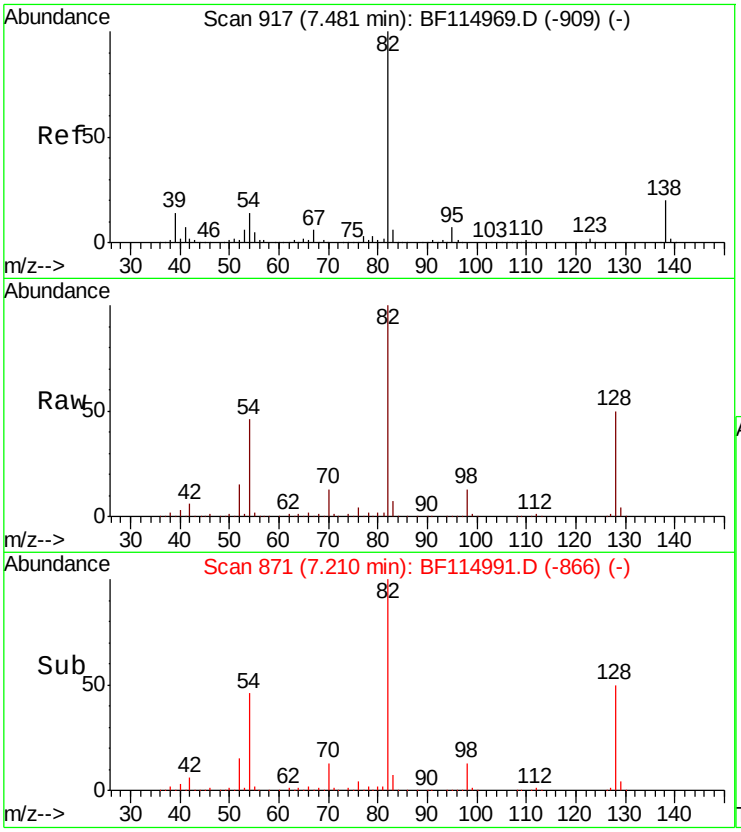


#23
Nitrobenzene-d5
Concen: 64.164 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Tgt Ion: 82 Resp: 1257416

Ion	Ratio	Lower	Upper
82	100		
128	50.4	39.9	59.9
54	45.9	37.3	55.9



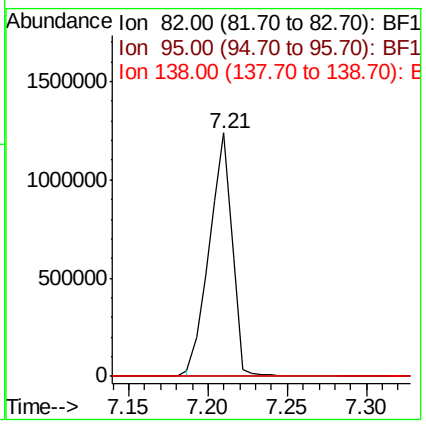


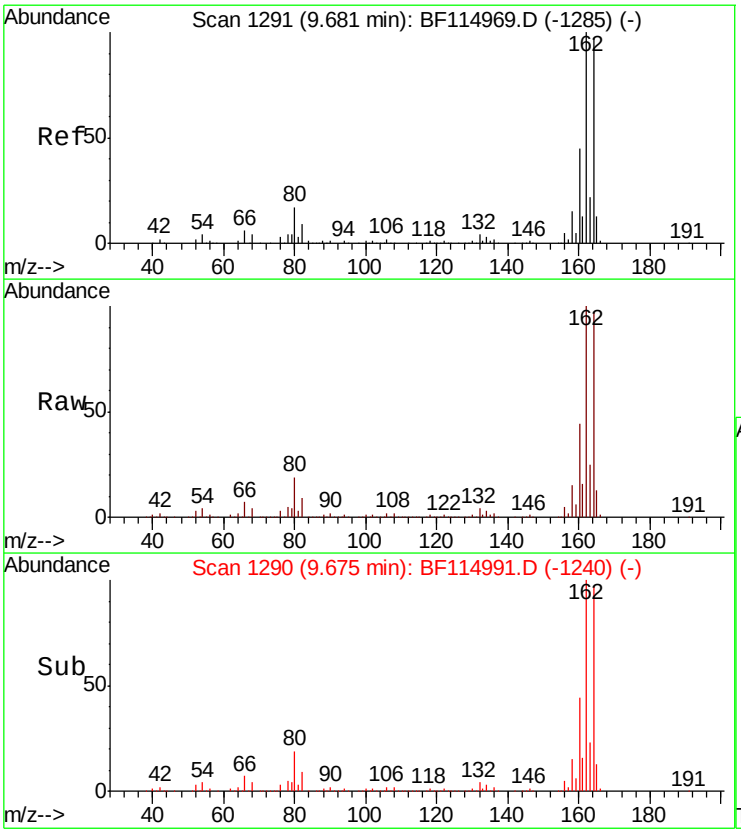
#25
Isophorone
Concen: 33.676 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.27 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Instrument :
BNA_F
ClientSampleId :
M-1-OW(0-10)

Tgt Ion: 82 Resp: 1236041

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	16.1	24.1#

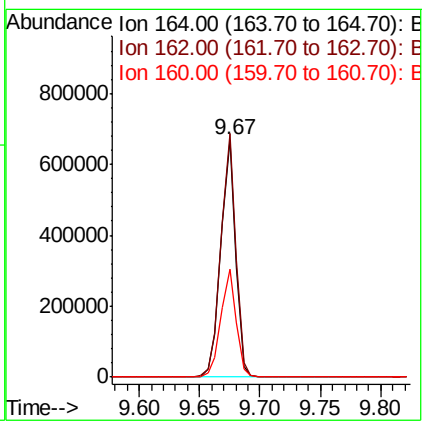


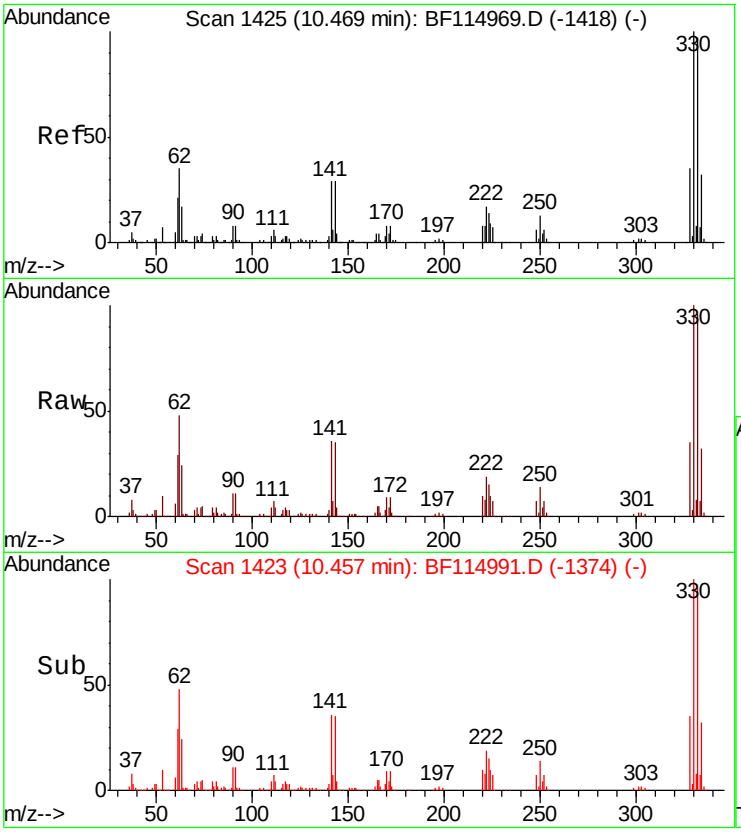


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Tgt Ion:164 Resp: 566860

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	124.0
160	45.6	36.9	55.3



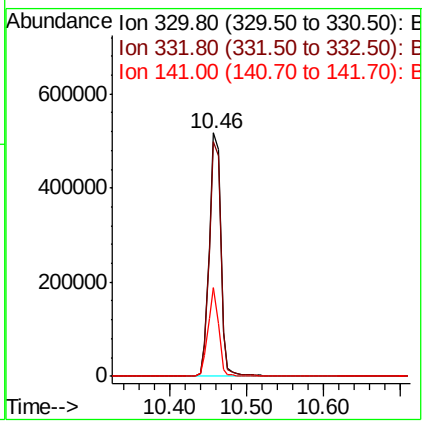


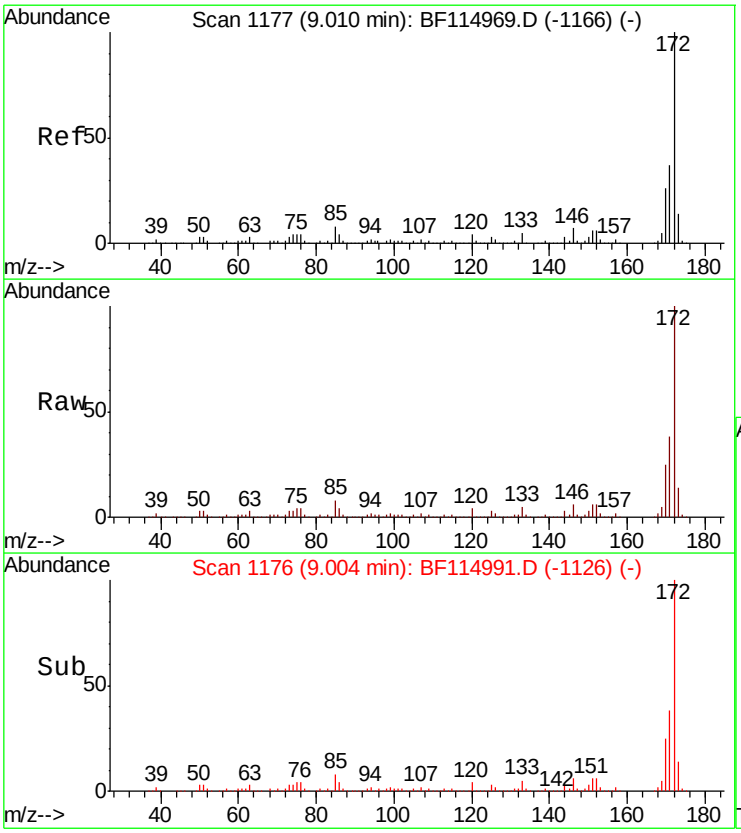
#42
2,4,6-Tribromophenol
Concen: 87.675 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Instrument :
BNA_F
ClientSampleId :
M-1-OW(0-10)

Tgt Ion:330 Resp: 532215

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	33.6	27.2	40.8

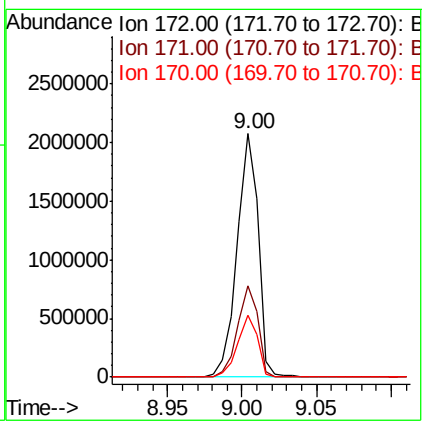


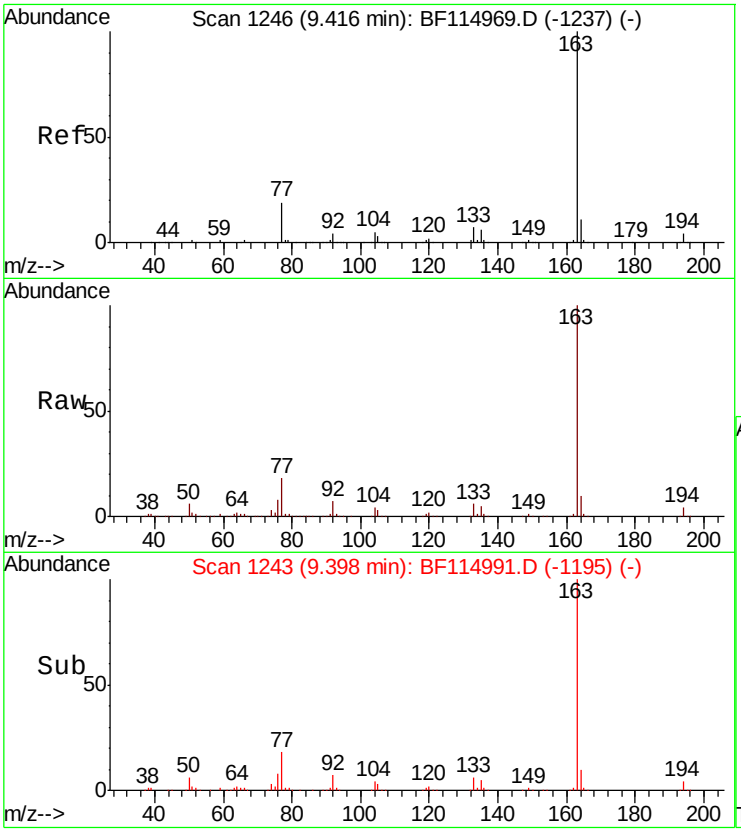


#45
2-Fluorobiphenyl
Concen: 61.321 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Tgt Ion:172 Resp: 2050952

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.2	20.6	31.0



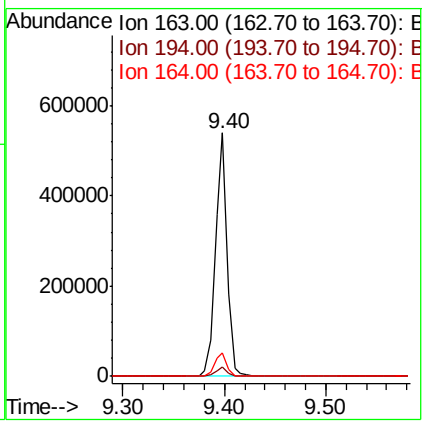


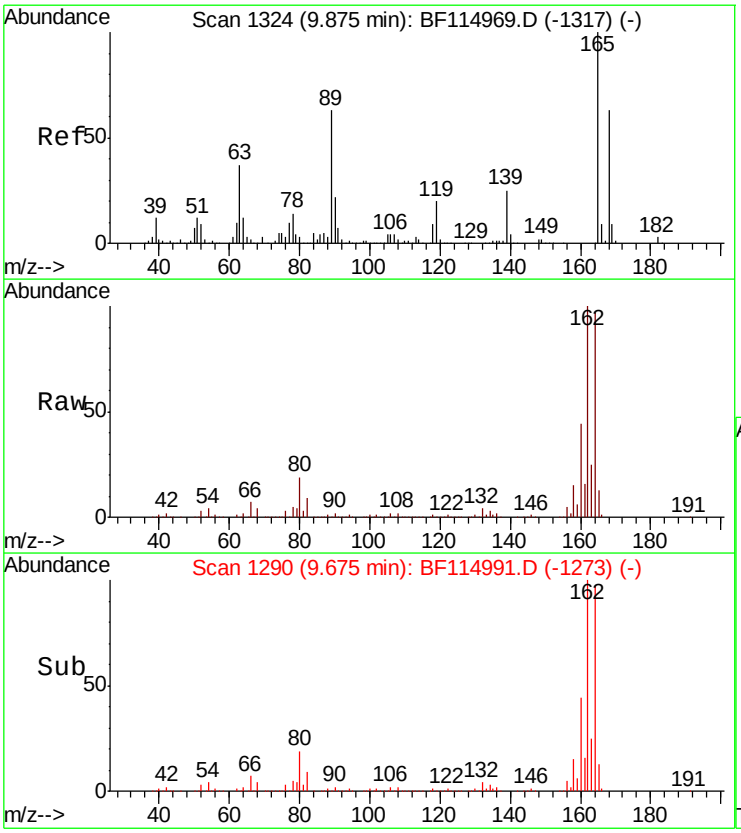
#50
Dimethylphthalate
Concen: 10.067 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Instrument :
BNA_F
ClientSampleId :
M-1-OW(0-10)

Tgt Ion:163 Resp: 429172

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.7	8.6	12.8

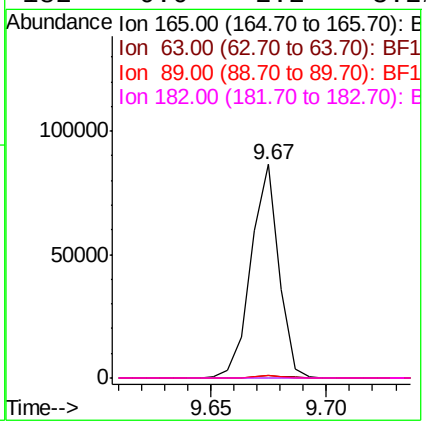


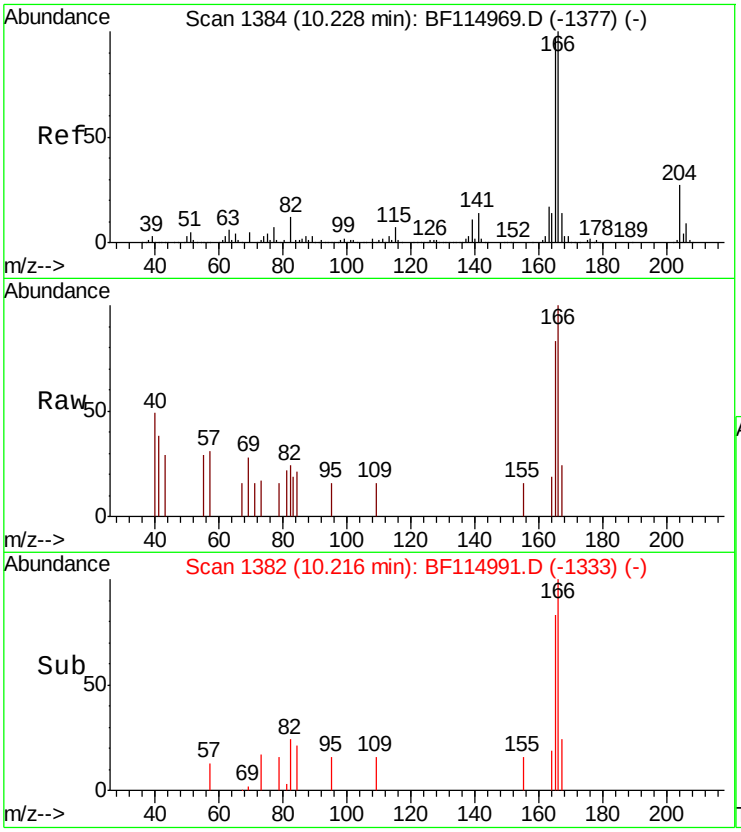


#57
2,4-Dinitrotoluene
Concen: 5.904 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Tgt Ion:165 Resp: 72672

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.4	44.2#
89	1.2	50.6	75.8#
182	0.0	2.2	3.2#



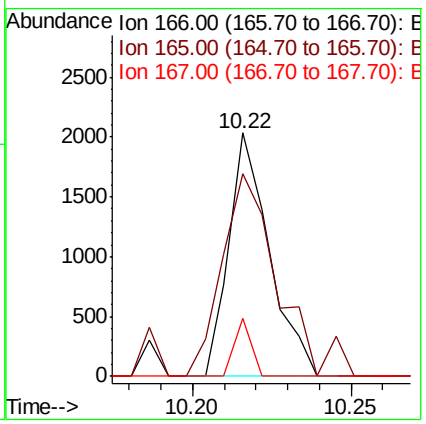


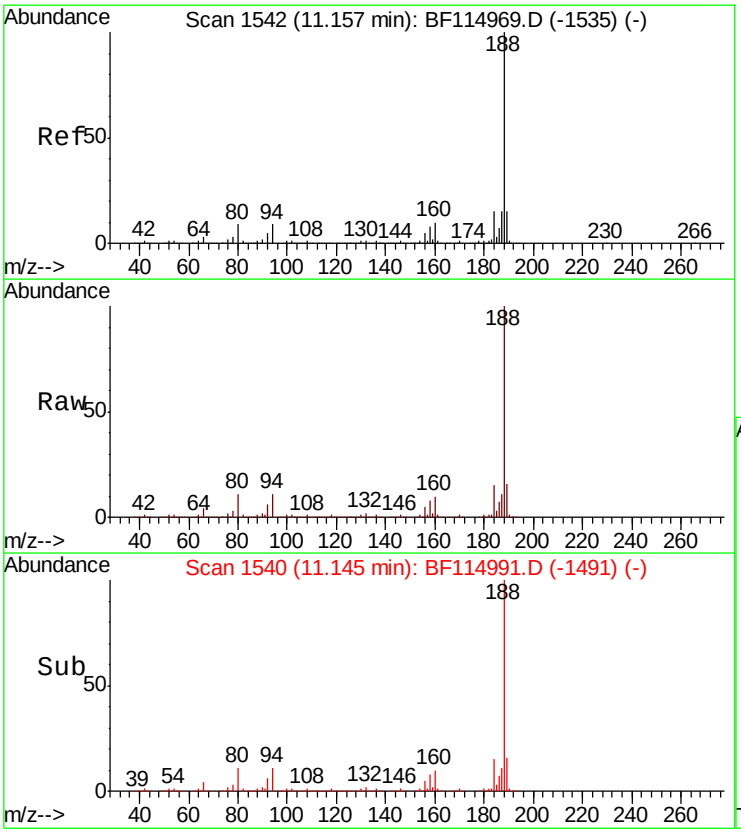
#58
Fluorene
Concen: Below Cal
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Instrument :
BNA_F
ClientSampleId :
M-1-OW(0-10)

Tgt Ion:166 Resp: 1794

Ion	Ratio	Lower	Upper
166	100		
165	83.2	77.6	116.4
167	24.0	11.0	16.4#

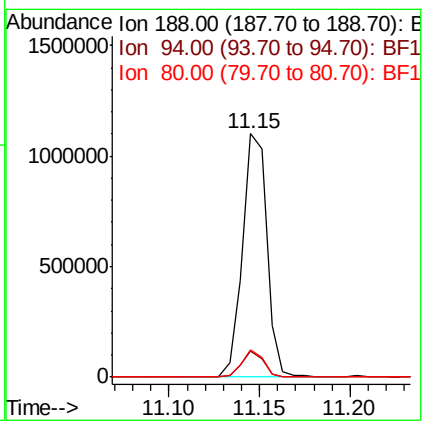


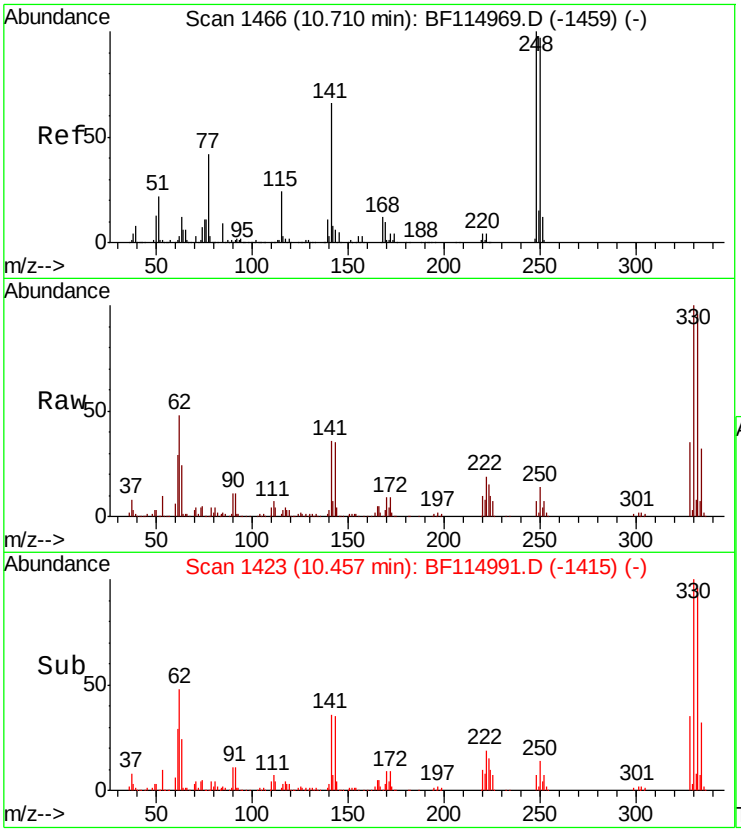


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Tgt Ion:188 Resp: 1031756

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.2	10.8
80	11.0	7.4	11.2



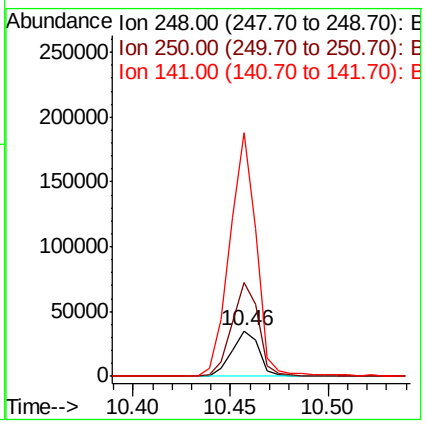


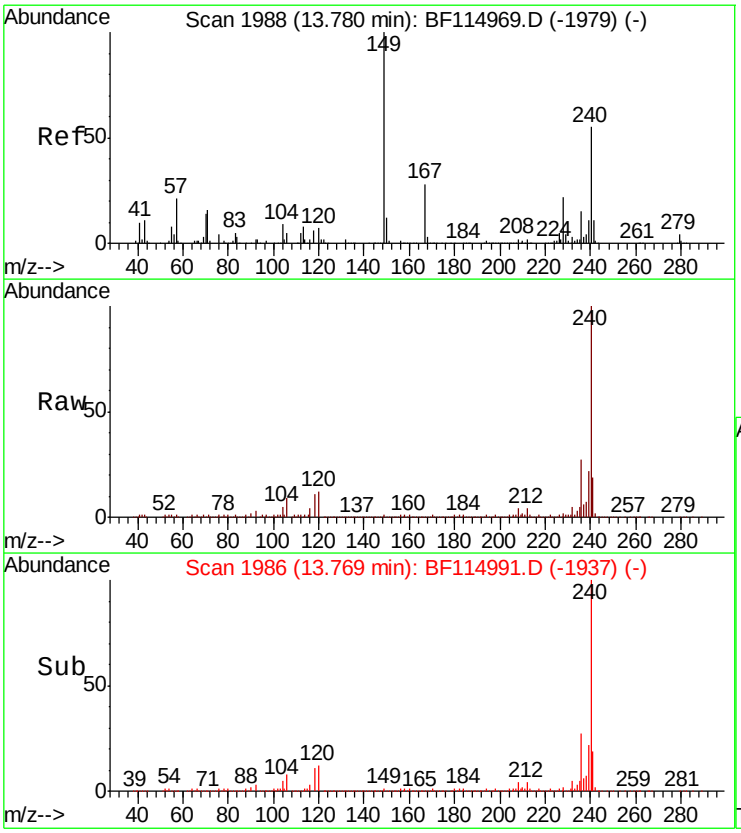
#67
4-Bromophenyl-phenylether
Concen: 3.061 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Instrument :
BNA_F
ClientSampleId :
M-1-OW(0-10)

Tgt Ion:248 Resp: 33915

Ion	Ratio	Lower	Upper
248	100		
250	205.4	77.8	116.8#
141	534.9	53.1	79.7#

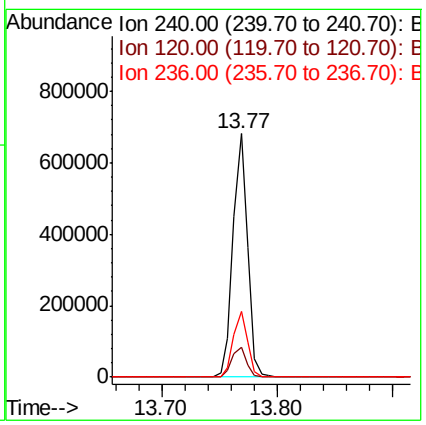


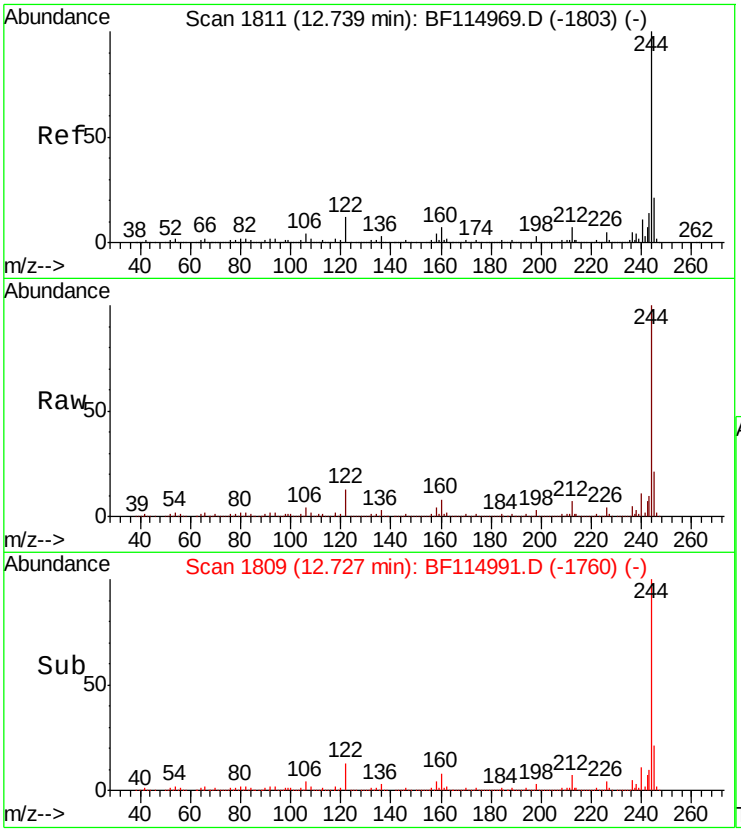


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Tgt Ion:240 Resp: 596244

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.0	15.0
236	26.9	21.6	32.4



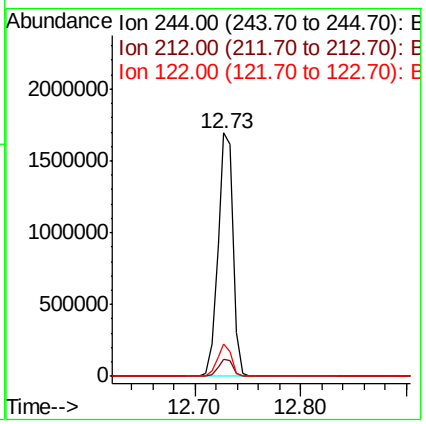


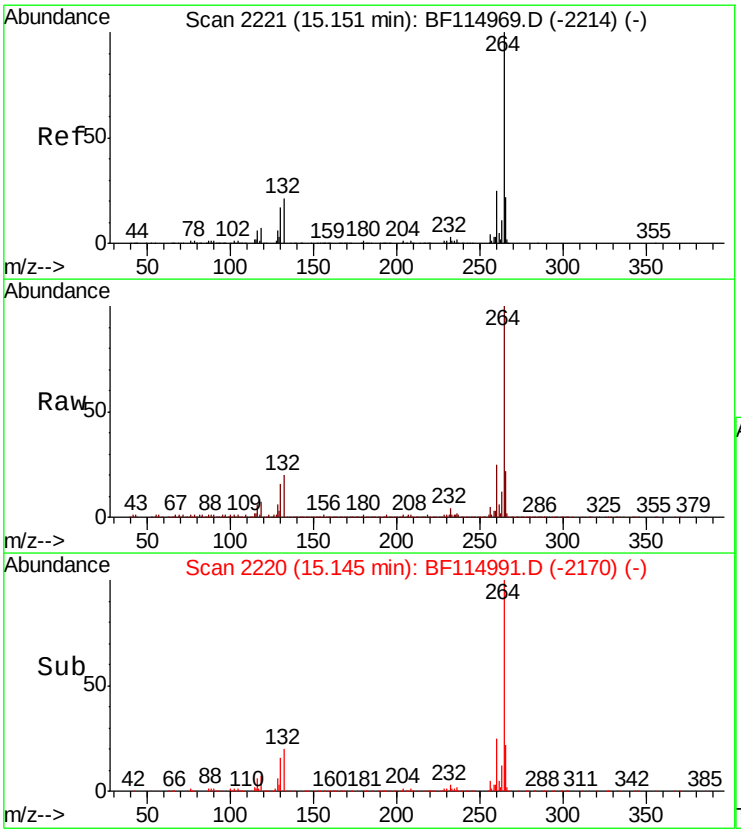
#79
Terphenyl-d14
Concen: 53.752 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Instrument :
BNA_F
ClientSampleId :
M-1-OW(0-10)

Tgt Ion:244 Resp: 1703975

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.3	9.4	14.0

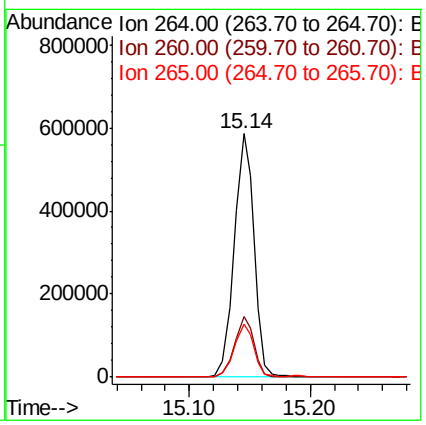


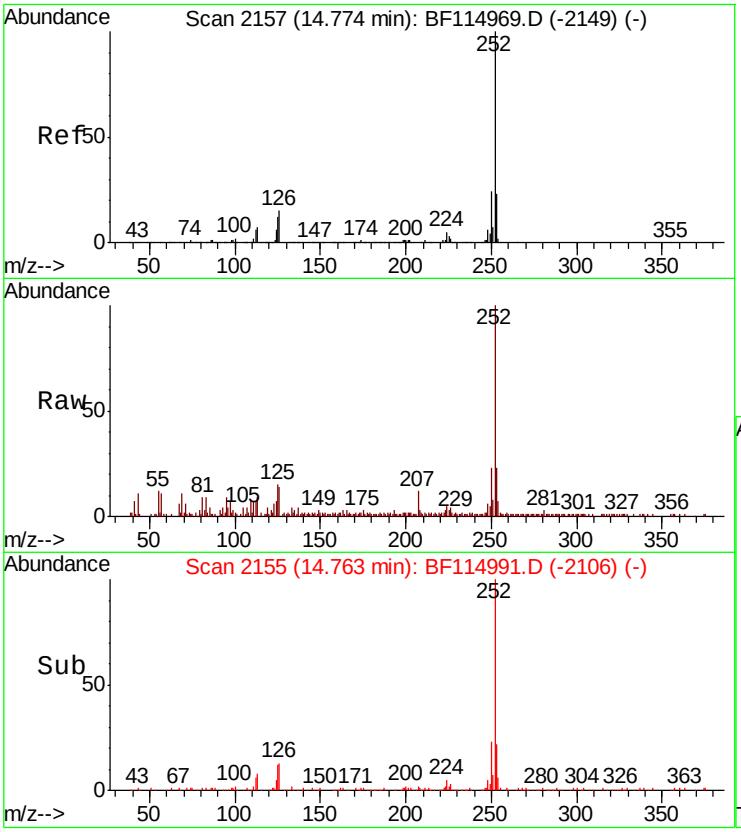


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Tgt Ion:264 Resp: 670149

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	21.9	17.6	26.4



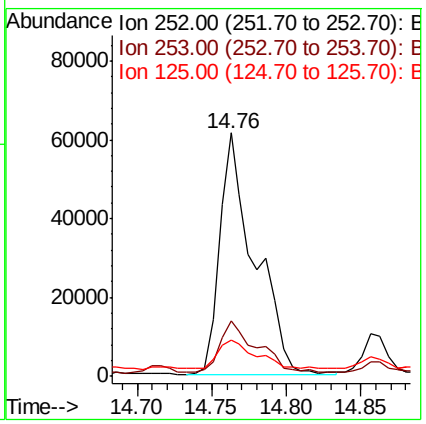


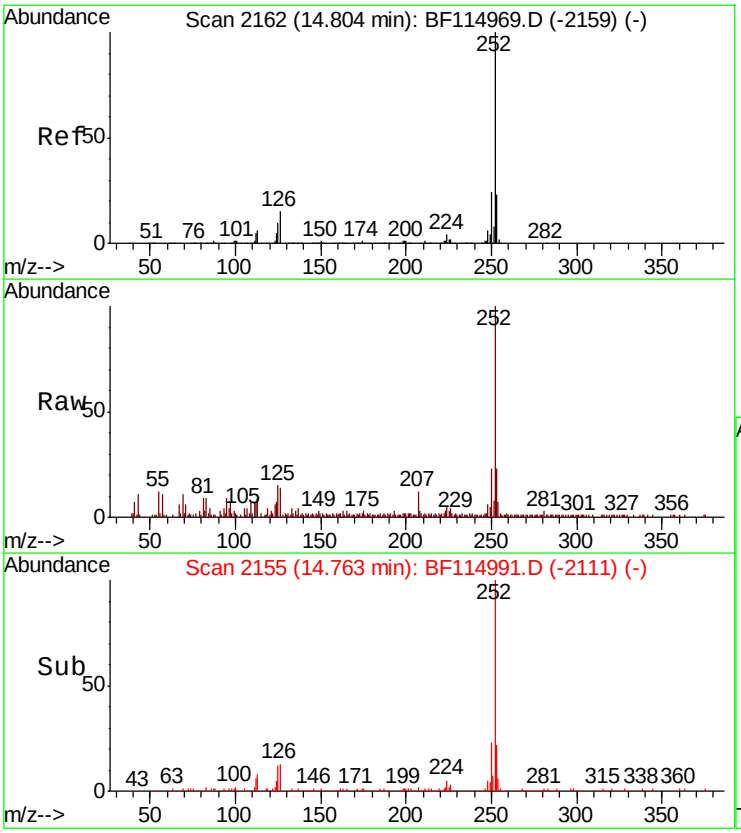
#88
Benzo(b)fluoranthene
Concen: 2.229 ng
RT: 14.76 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Instrument :
BNA_F
ClientSampleId :
M-1-OW(0-10)

Tgt Ion:252 Resp: 99311

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	15.0	9.4	14.0#





#89
Benzo(k)fluoranthene
Concen: 2.540 ng
RT: 14.76 min Scan# 2155
Delta R.T. -0.04 min
Lab File: BF114991.D
Acq: 13 Jun 2019 9:33

Tgt Ion:252 Resp: 99311

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	15.0	8.2	12.4#