Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114990.D
Acq On : 13 Jun 2019 9:06
Operator : HP/JU
Sample : K3303-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B03

Quant Time: Jun 13 17:31:15 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	329947	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1257763	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	593478	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1062500	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	592127	20.00	ng	-0.01
87) Perylene-d12	15.14	264	658502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1782099	90.19	ng	0.00
7) Phenol-d6	6.29	99	2263437	94.96	ng	0.00
23) Nitrobenzene-d5	7.21	82	1384165	66.24	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	555100	87.34	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2261329	64.58	ng	0.00
79) Terphenyl-d14	12.73	244	1872698	59.49	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.29	77	3842	Below Cal	#	1
10) Phenol	6.30	94	57913	2.172	ng	# 68
19) n-Nitroso-di-n-propylamine	7.21	70	180154	12.440	ng	# 78
25) Isophorone	7.21	82	1353195	34.576	ng	# 62
50) Dimethylphthalate	9.40	163	491807	11.019	ng	98
57) 2,4-Dinitrotoluene	9.67	165	75877	5.888	ng	# 29
58) Fluorene	10.46	166	24600	Below Cal	#	92
67) 4-Bromophenyl-phenylether	10.46	248	35950	3.151	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
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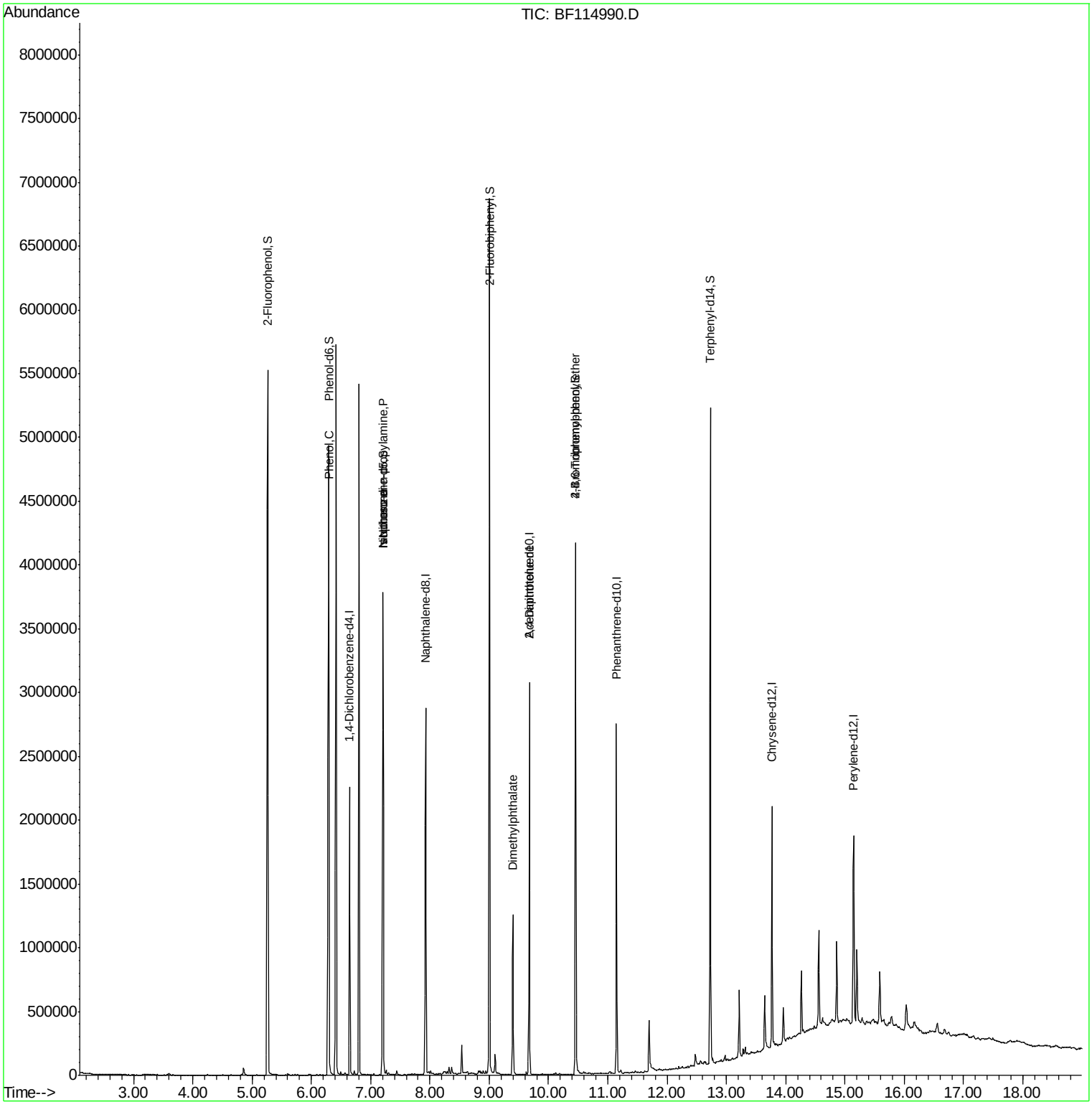
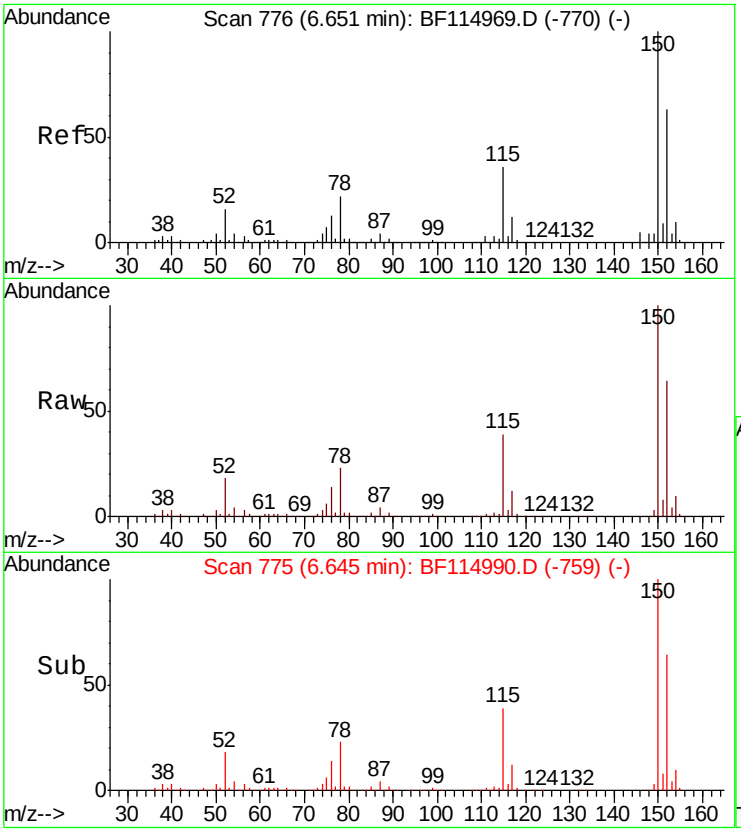


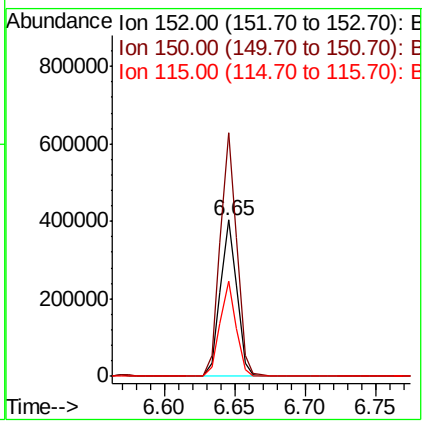


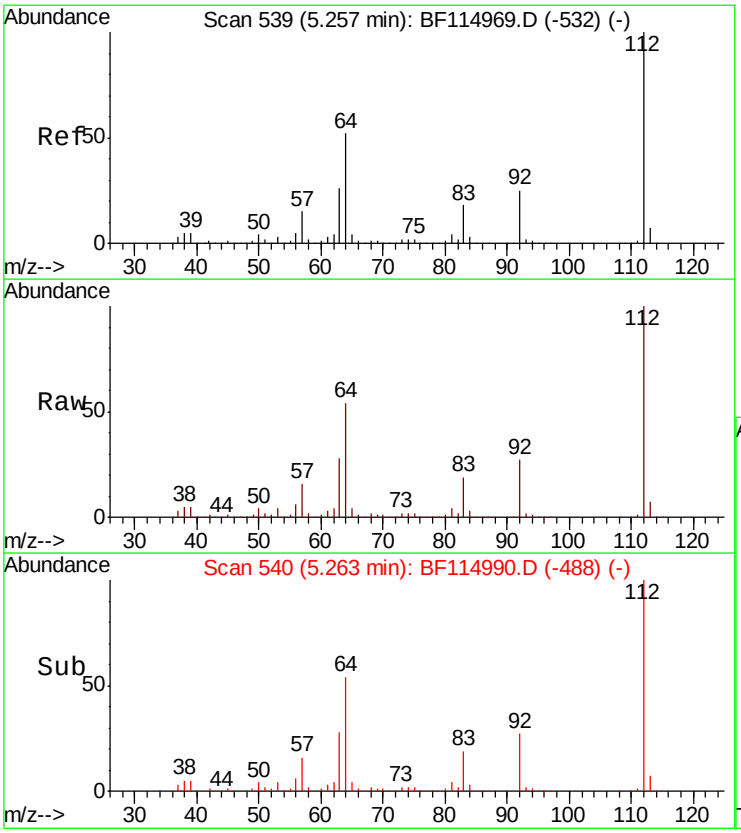
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Instrument :
BNA_F
ClientSampleId :
BAT-B03

Tgt Ion:152 Resp: 329947

Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.4	191.0
115	60.6	46.0	69.0

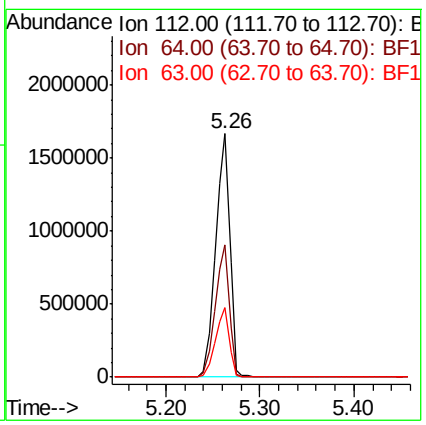


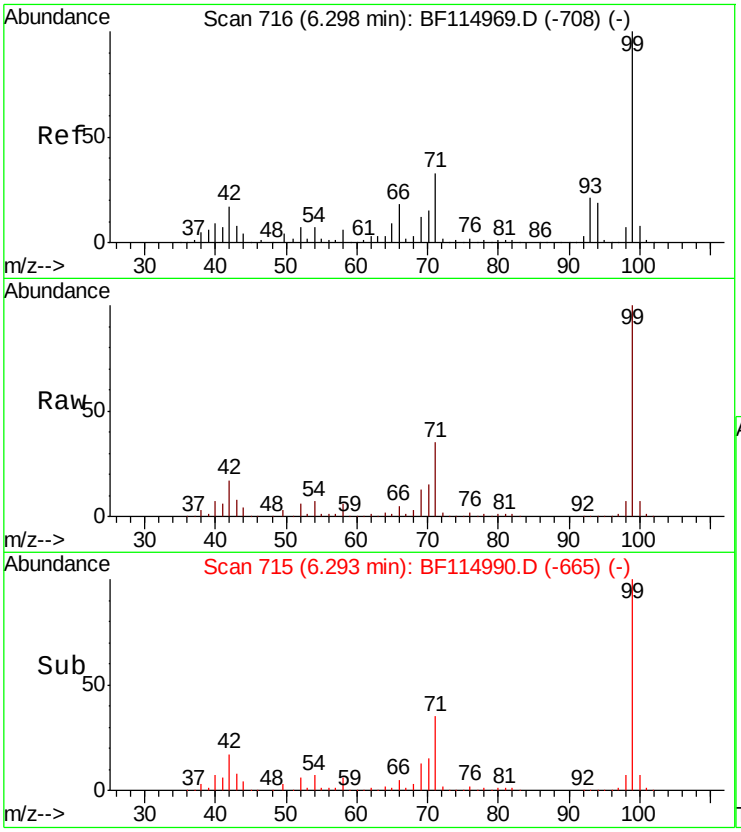


#5
2-Fluorophenol
Concen: 90.188 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Tgt Ion:112 Resp: 1782099

Ion	Ratio	Lower	Upper
112	100		
64	54.2	41.6	62.4
63	28.4	20.9	31.3



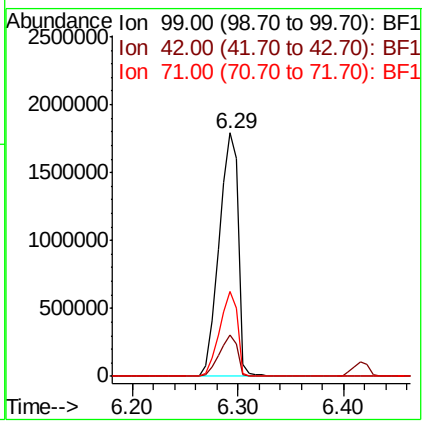


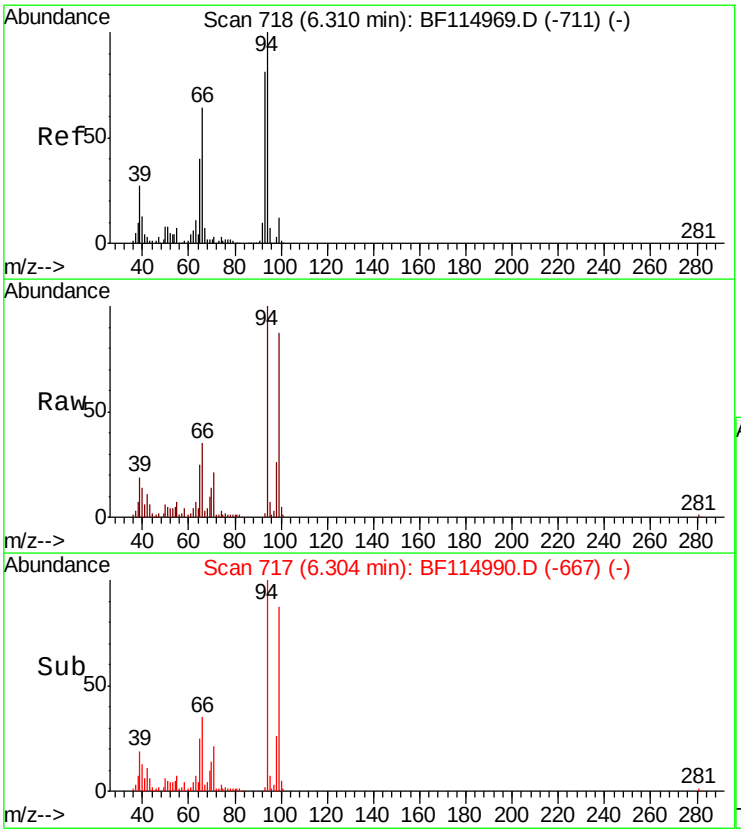
#7
Phenol-d6
Concen: 94.959 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Instrument :
BNA_F
ClientSampleId :
BAT-B03

Tgt Ion: 99 Resp: 2263437

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.4	20.2
71	34.9	26.4	39.6

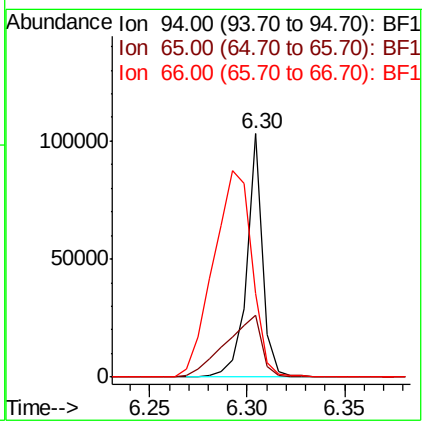


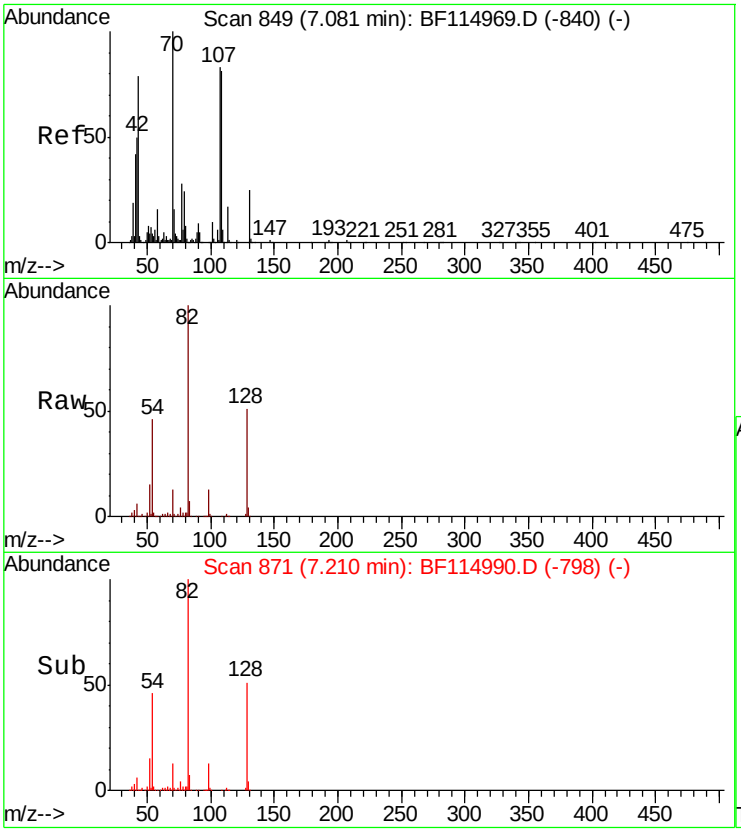


#10
Phenol
Concen: 2.172 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Tgt Ion: 94 Resp: 57913

Ion	Ratio	Lower	Upper
94	100		
65	25.3	20.0	60.0
66	34.5	44.1	84.1#



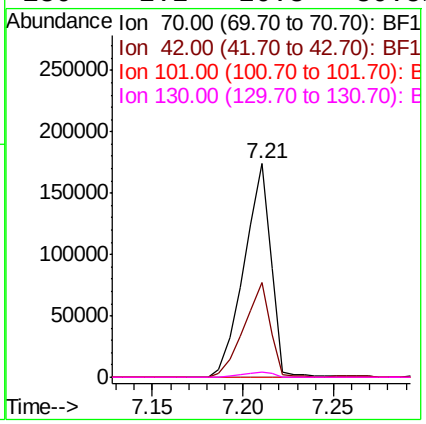


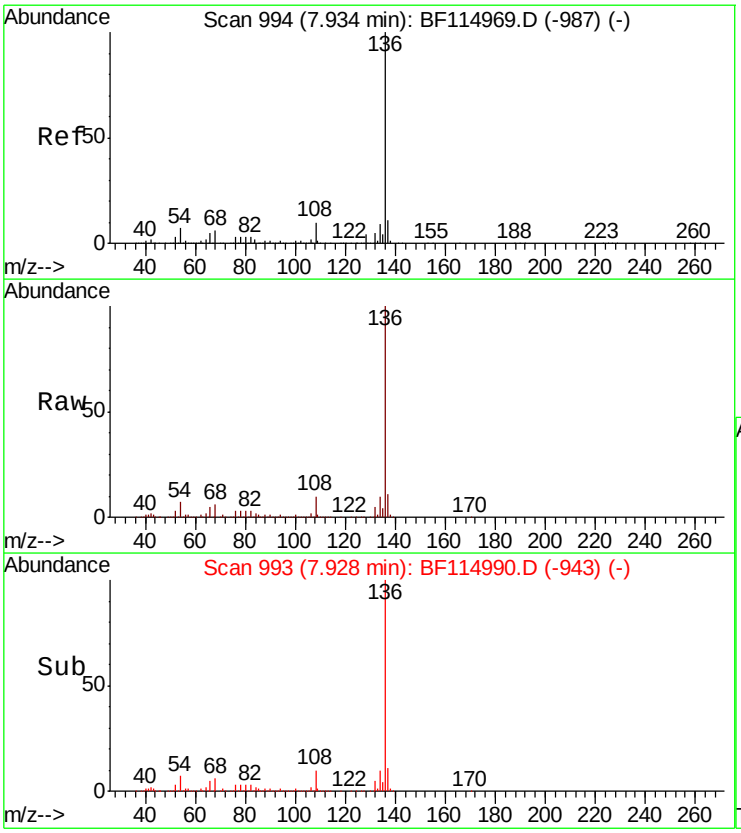
#19
n-Nitroso-di-n-propylamine
Concen: 12.440 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.13 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Instrument :
BNA_F
ClientSampleId :
BAT-B03

Tgt Ion: 70 Resp: 180154

Ion	Ratio	Lower	Upper
70	100		
42	44.2	40.3	60.5
101	0.0	8.2	12.4#
130	2.2	20.3	30.5#

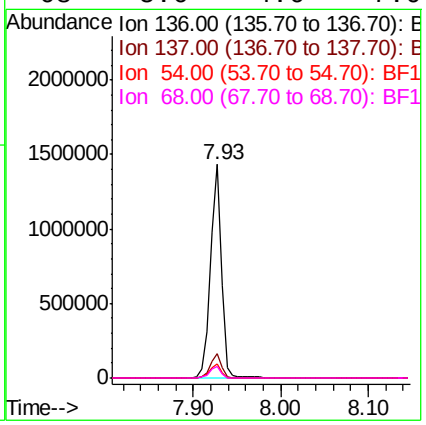


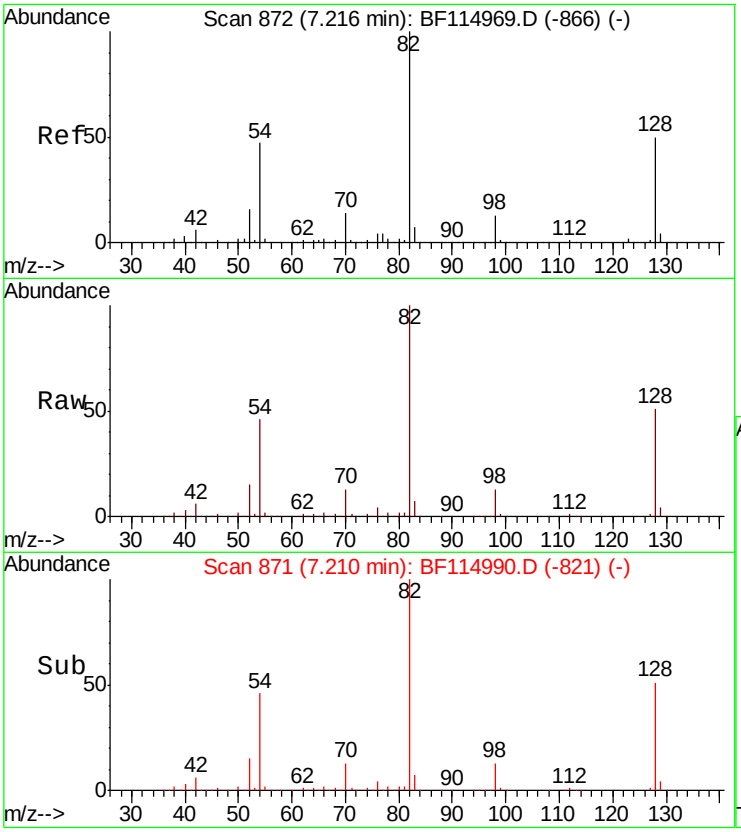


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Tgt Ion:136 Resp: 1257763

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.6	5.4	8.0
68	5.6	4.6	7.0



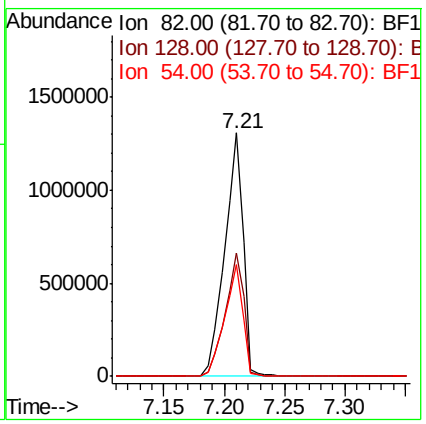


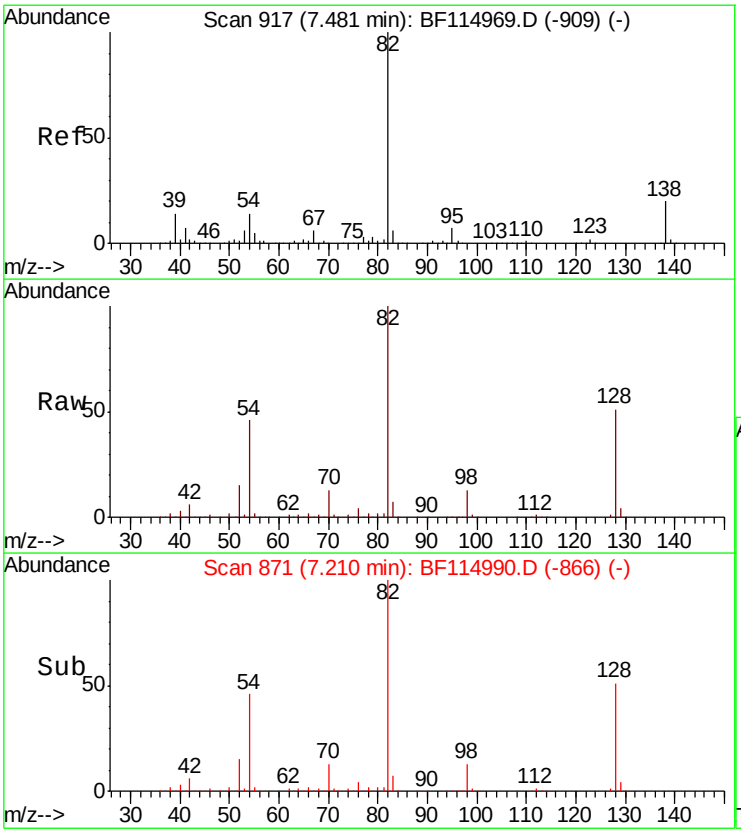
#23
Nitrobenzene-d5
Concen: 66.241 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Instrument :
BNA_F
ClientSampleId :
BAT-B03

Tgt Ion: 82 Resp: 1384165

Ion	Ratio	Lower	Upper
82	100		
128	50.6	39.9	59.9
54	45.8	37.3	55.9

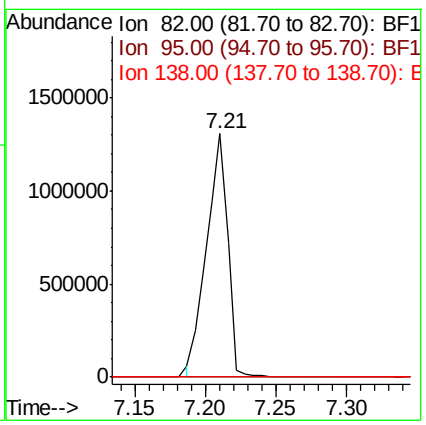


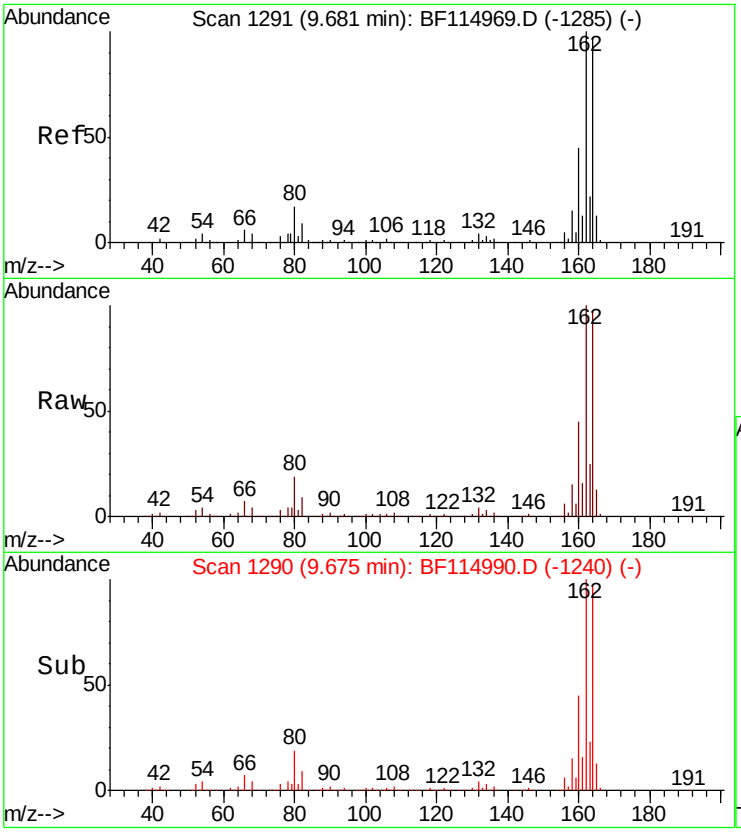


#25
Isophorone
Concen: 34.576 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.27 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Tgt Ion: 82 Resp: 1353195

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



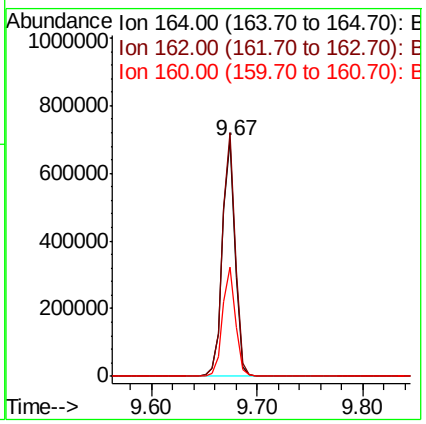


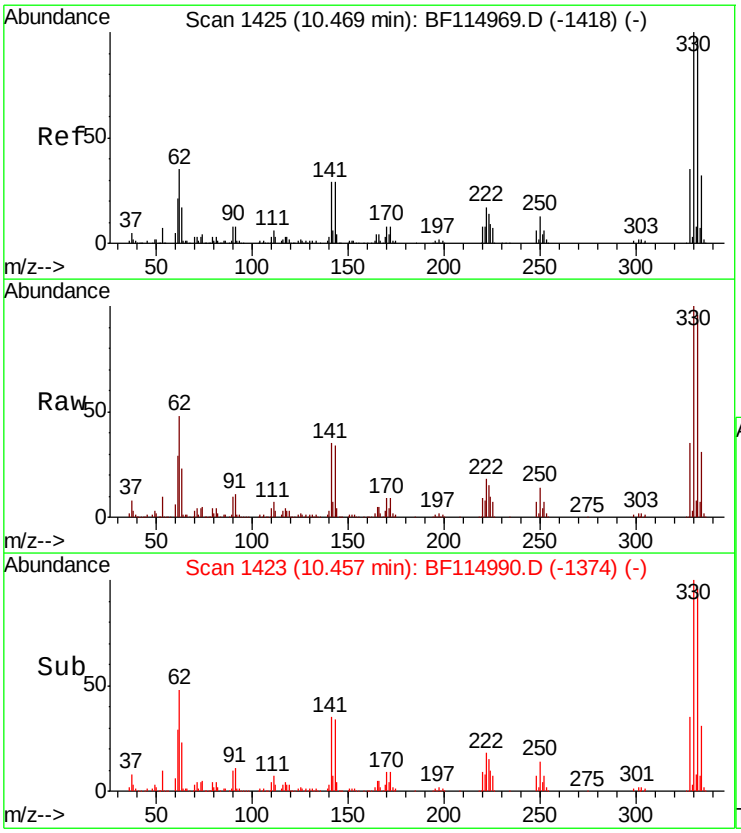
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Instrument :
BNA_F
ClientSampleId :
BAT-B03

Tgt Ion:164 Resp: 593478

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	124.0
160	46.3	36.9	55.3

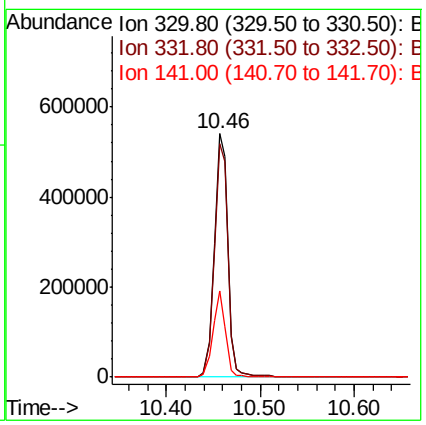


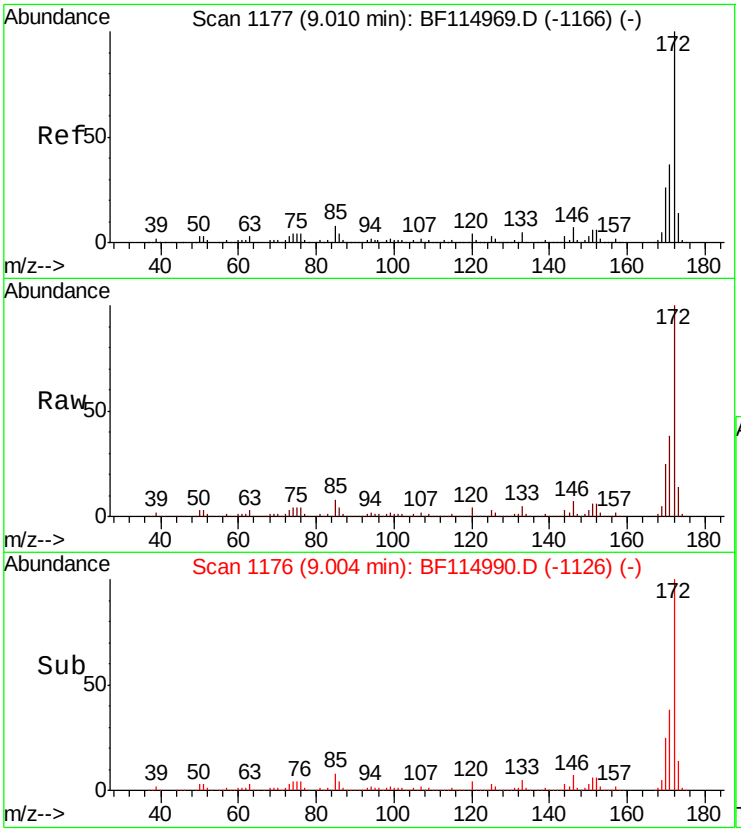


#42
2,4,6-Tribromophenol
Concen: 87.344 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Tgt Ion:330 Resp: 555100

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	32.8	27.2	40.8



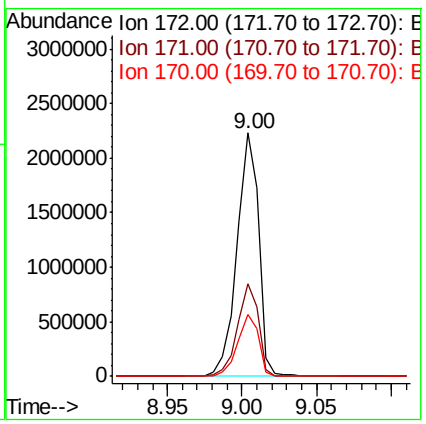


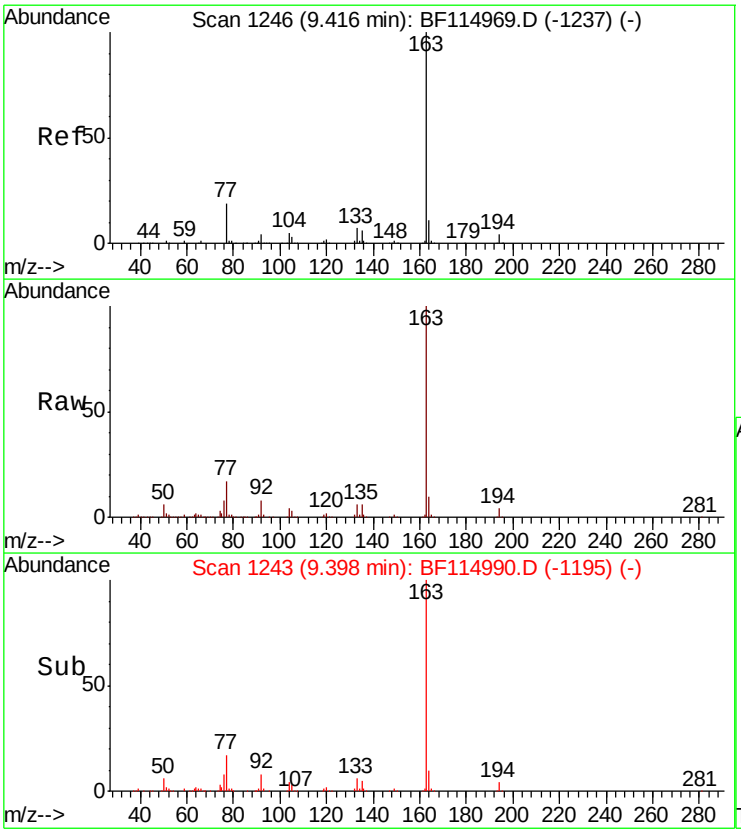
#45
2-Fluorobiphenyl
Concen: 64.578 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Instrument :
BNA_F
ClientSampleId :
BAT-B03

Tgt Ion:172 Resp: 2261329

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.8	44.6
170	25.4	20.6	31.0

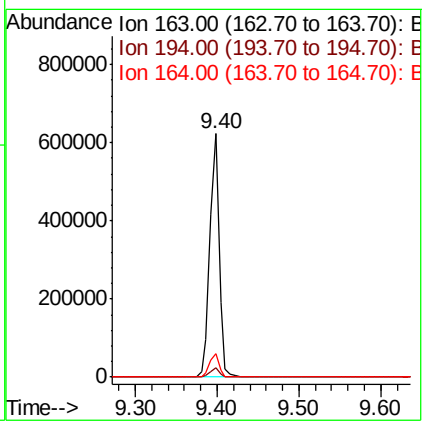


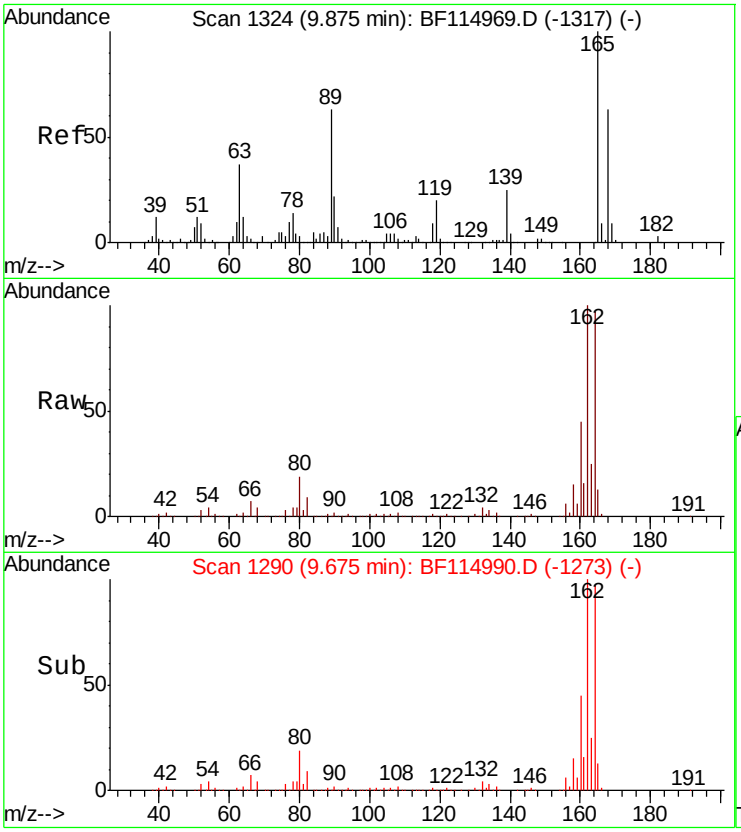


#50
Dimethylphthalate
Concen: 11.019 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Tgt Ion:163 Resp: 491807

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.7	8.6	12.8



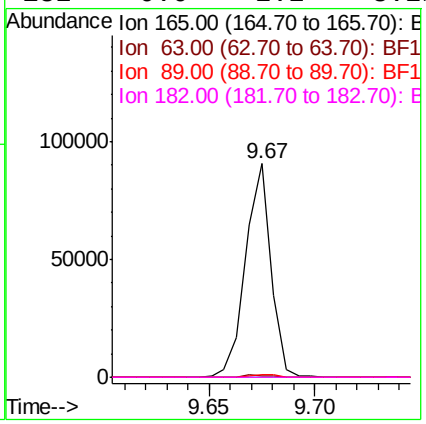


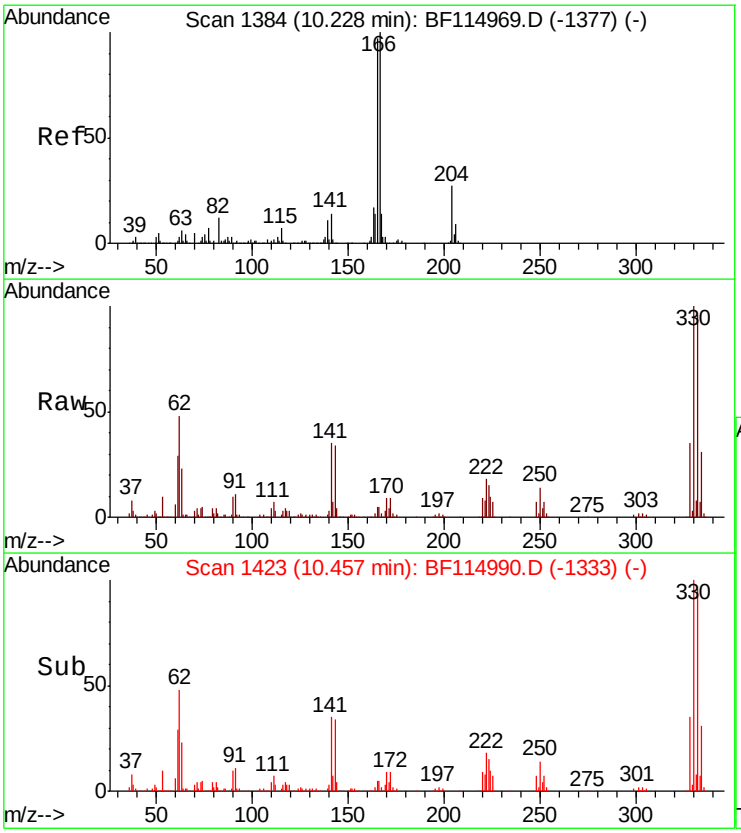
#57
2,4-Dinitrotoluene
Concen: 5.888 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Instrument :
BNA_F
ClientSampleId :
BAT-B03

Tgt Ion:165 Resp: 75877

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.4	44.2#
89	1.2	50.6	75.8#
182	0.0	2.2	3.2#

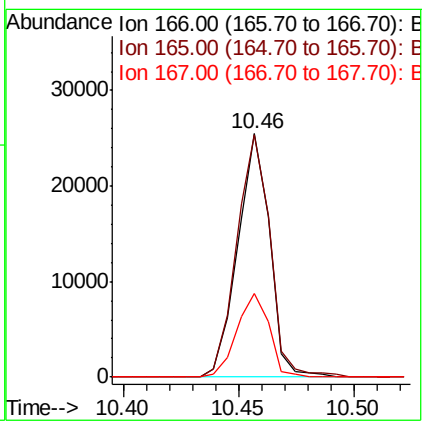


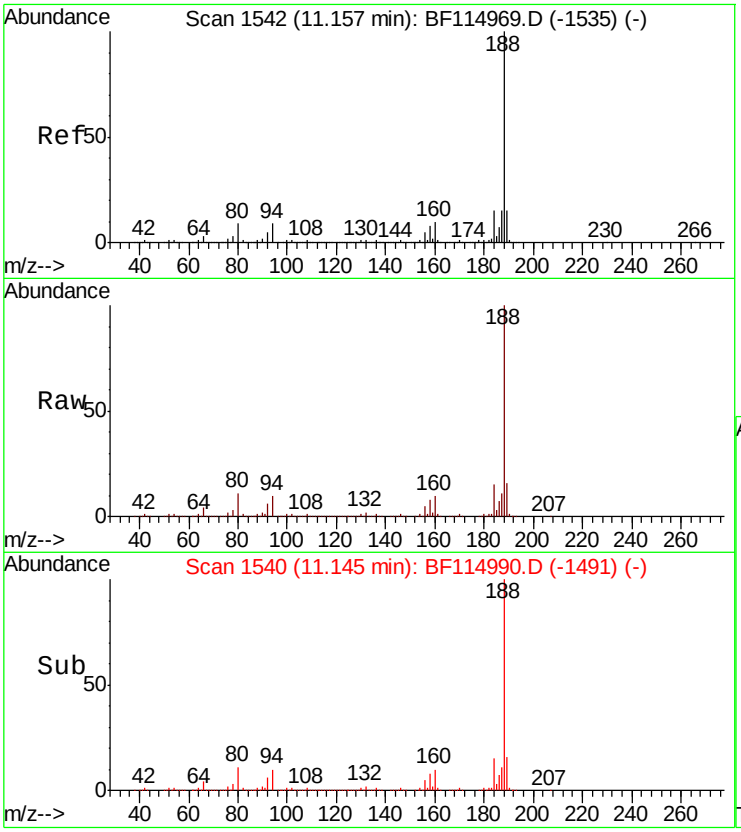


#58
Fluorene
Concen: Below Cal
RT: 10.46 min Scan# 1423
Delta R.T. 0.23 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Tgt Ion:166 Resp: 24600

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.6	116.4
167	34.3	11.0	16.4#



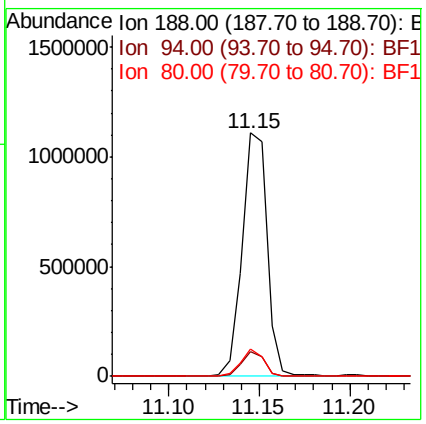


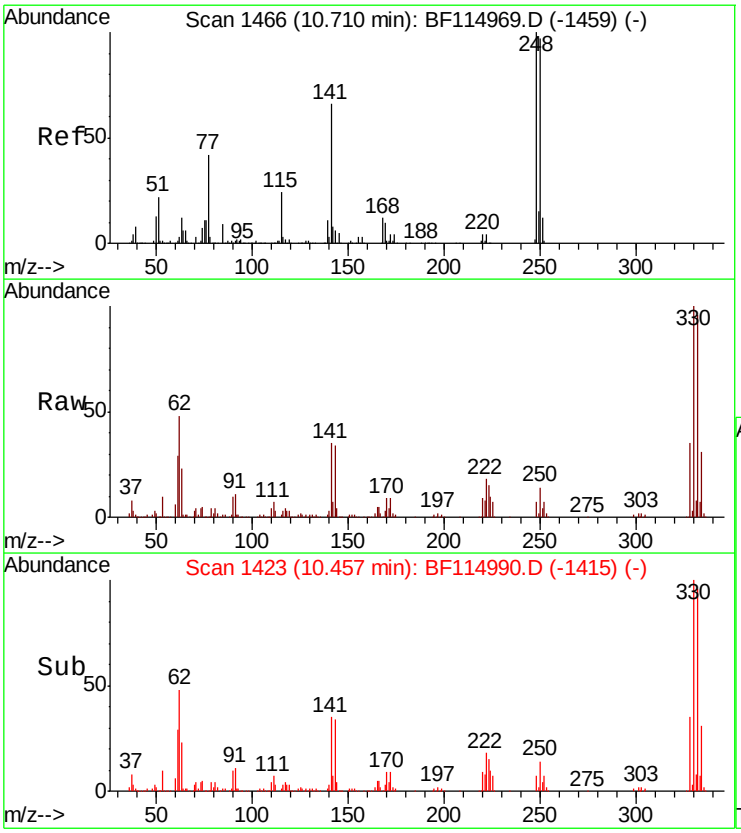
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Instrument :
BNA_F
ClientSampleId :
BAT-B03

Tgt Ion:188 Resp: 1062500

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.2	10.8
80	11.1	7.4	11.2

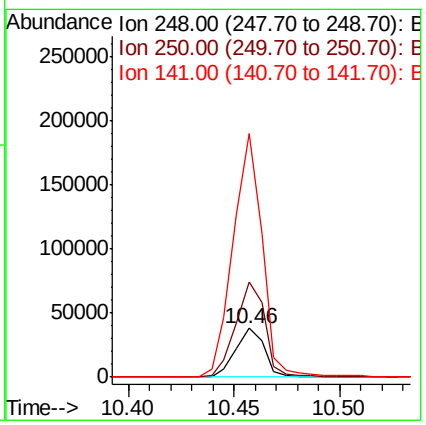


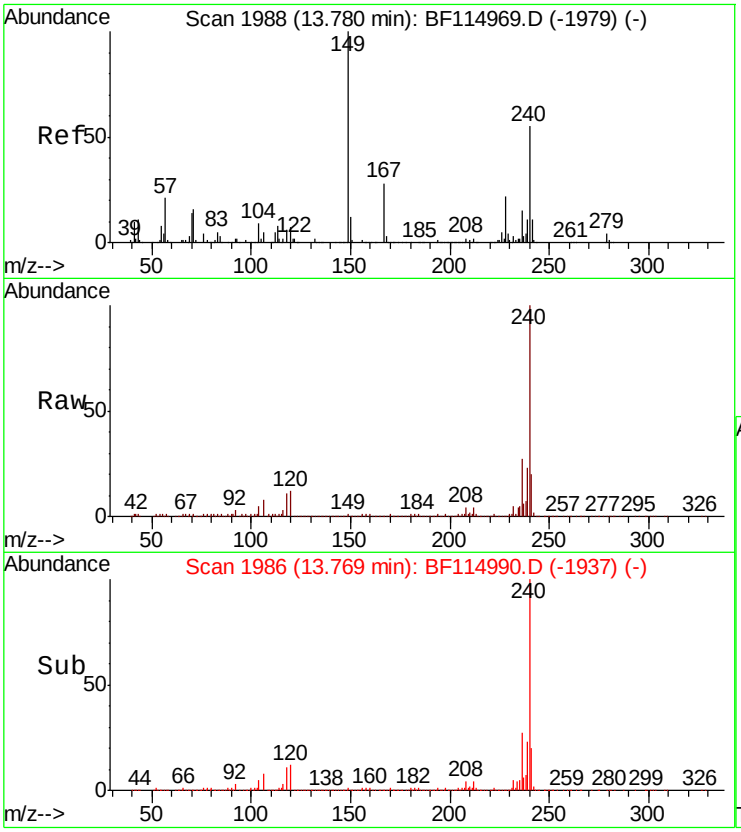


#67
4-Bromophenyl-phenylether
Concen: 3.151 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Tgt Ion:248 Resp: 35950

Ion	Ratio	Lower	Upper
248	100		
250	194.4	77.8	116.8#
141	500.0	53.1	79.7#



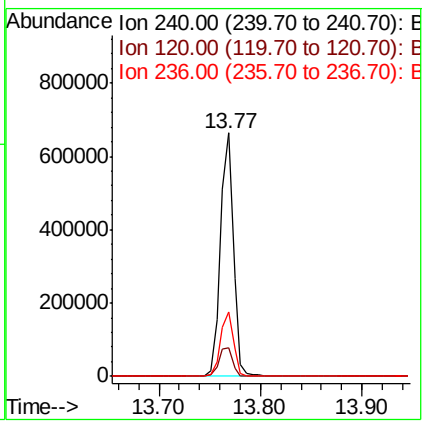


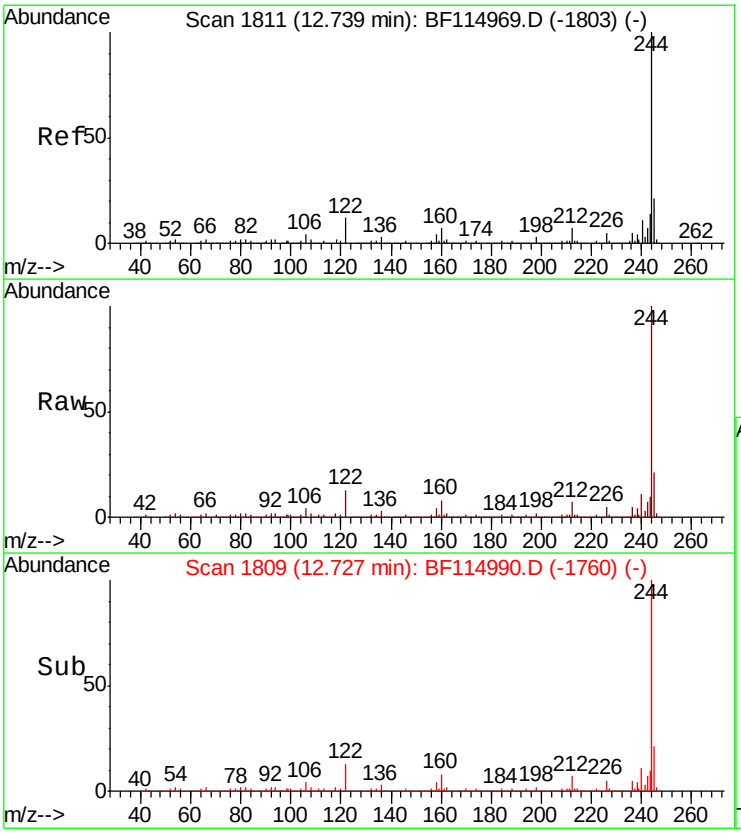
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Instrument :
BNA_F
ClientSampleId :
BAT-B03

Tgt Ion:240 Resp: 592127

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.0	15.0
236	26.7	21.6	32.4

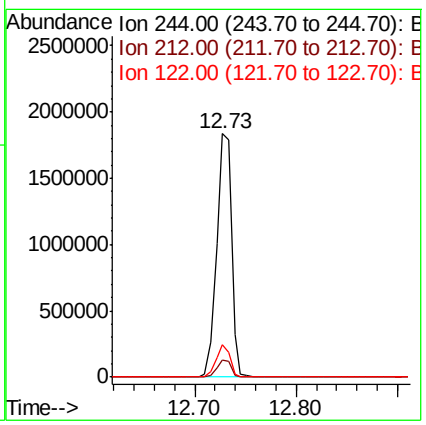


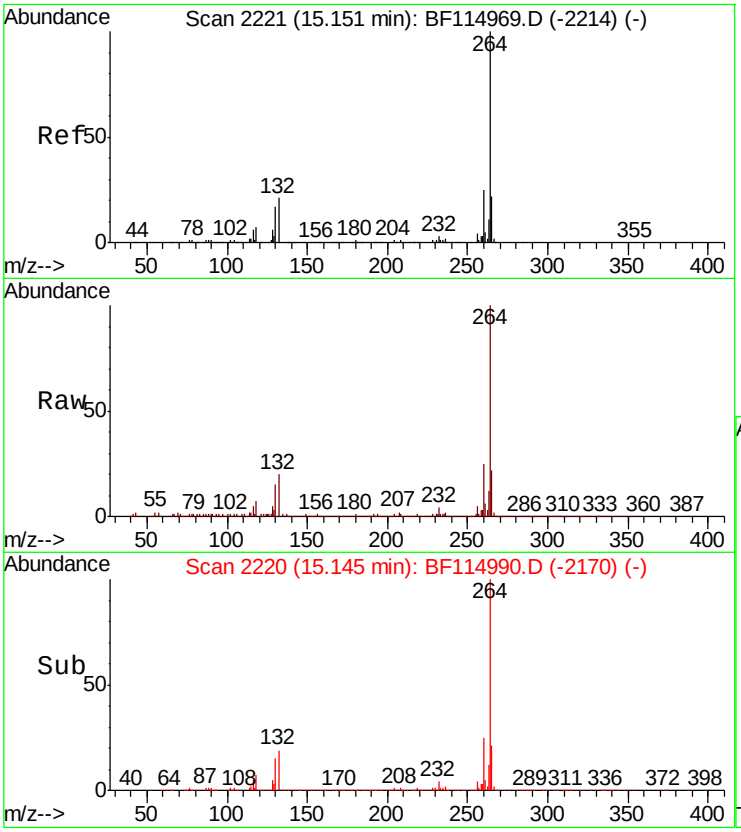


#79
Terphenyl-d14
Concen: 59.486 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF114990.D
Acq: 13 Jun 2019 9:06

Tgt Ion:244 Resp: 1872698

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.1	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: BF114990.D
Acq: 13 Jun 2019 9:06

Instrument :
BNA_F
ClientSampleId :
BAT-B03

Tgt Ion:264 Resp: 658502

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.5	17.6	26.4