Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
Data File : BF114906.D
Acq On : 7 Jun 2019 22:46
Operator : HP/JU
Sample : K3214-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A

Quant Time: Jun 08 05:18:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	332046	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	1244746	20.00	ng		-0.01
39) Acenaphthene-d10	9.68	164	613580	20.00	ng		-0.02
64) Phenanthrene-d10	11.16	188	1182683	20.00	ng		-0.01
76) Chrysene-d12	13.77	240	908744	20.00	ng		-0.02
87) Perylene-d12	15.15	264	770892	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1155896	60.83	ng		0.00
7) Phenol-d6	6.29	99	932173	40.31	ng		-0.01
23) Nitrobenzene-d5	7.22	82	1780690	88.06	ng		-0.01
42) 2,4,6-Tribromophenol	10.47	330	832028	125.83	ng		-0.01
45) 2-Fluorobiphenyl	9.02	172	3109121	94.92	ng		-0.01
79) Terphenyl-d14	12.75	244	3340722	71.49	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	243671	15.920	ng	#	76
25) Isophorone	7.22	82	1726766	43.196	ng	#	61
37) 2-Methylnaphthalene	8.75	142	85699	2.205	ng		98
38) 1-Methylnaphthalene	8.75	142	85699	2.325	ng		99
57) 2,4-Dinitrotoluene	9.68	165	80882	6.105	ng	#	33
58) Fluorene	10.23	166	15854	Below Cal			95
67) 4-Bromophenyl-phenylether	10.47	248	54259	4.039	ng	#	1

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

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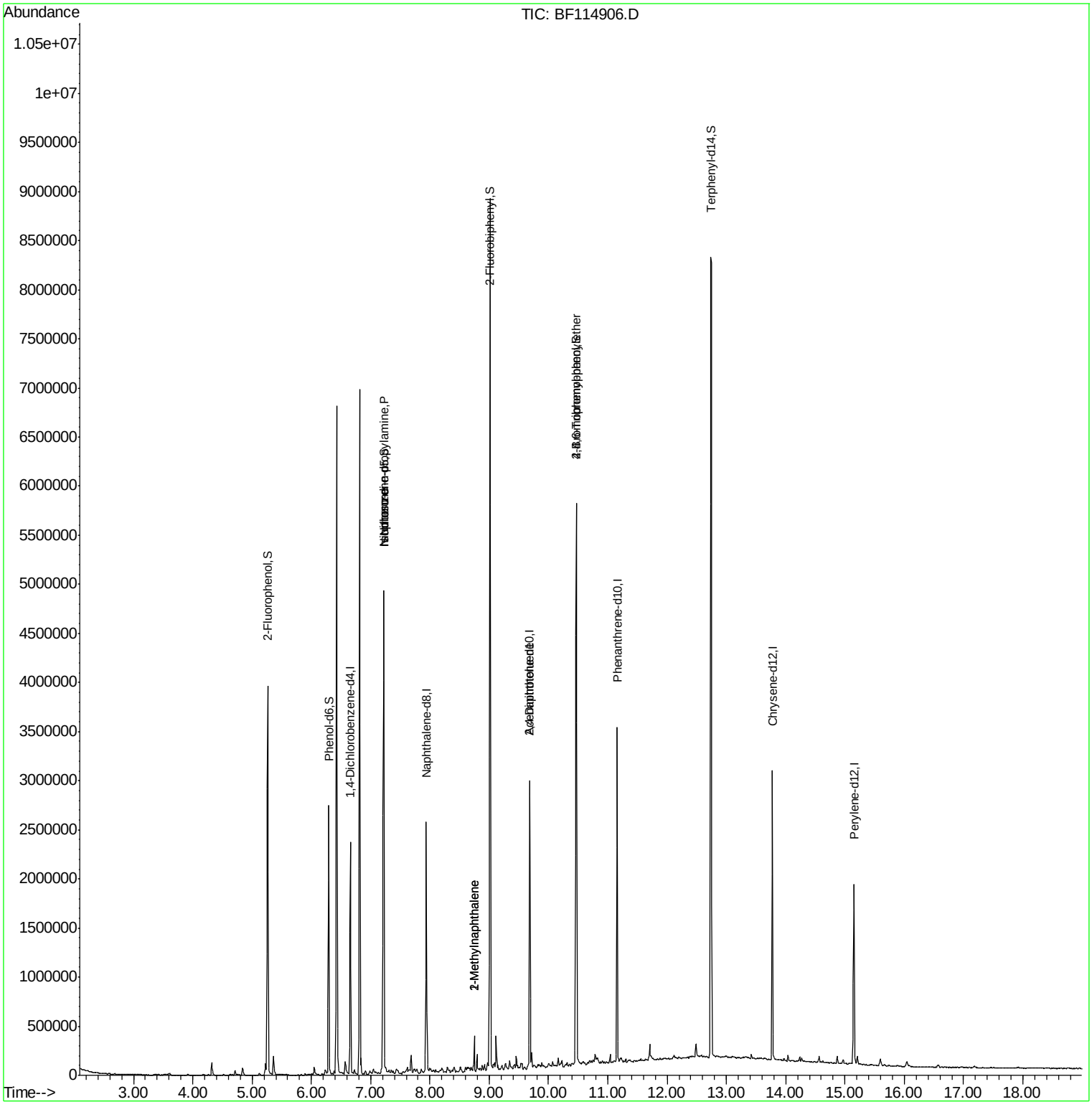
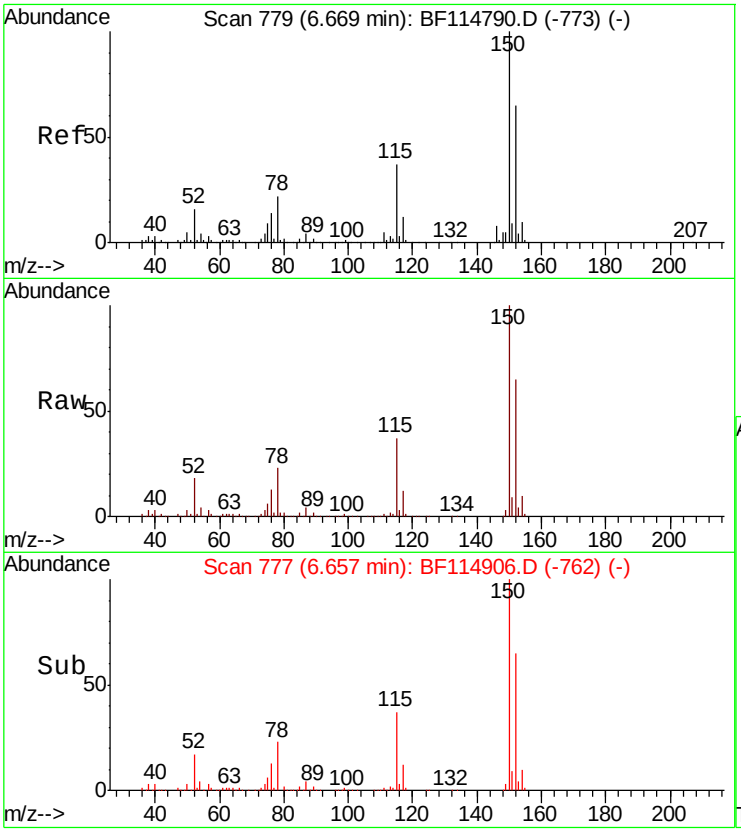


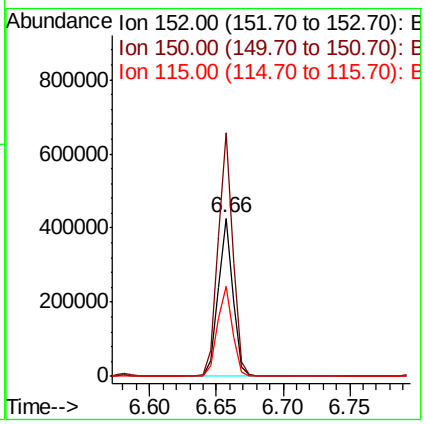


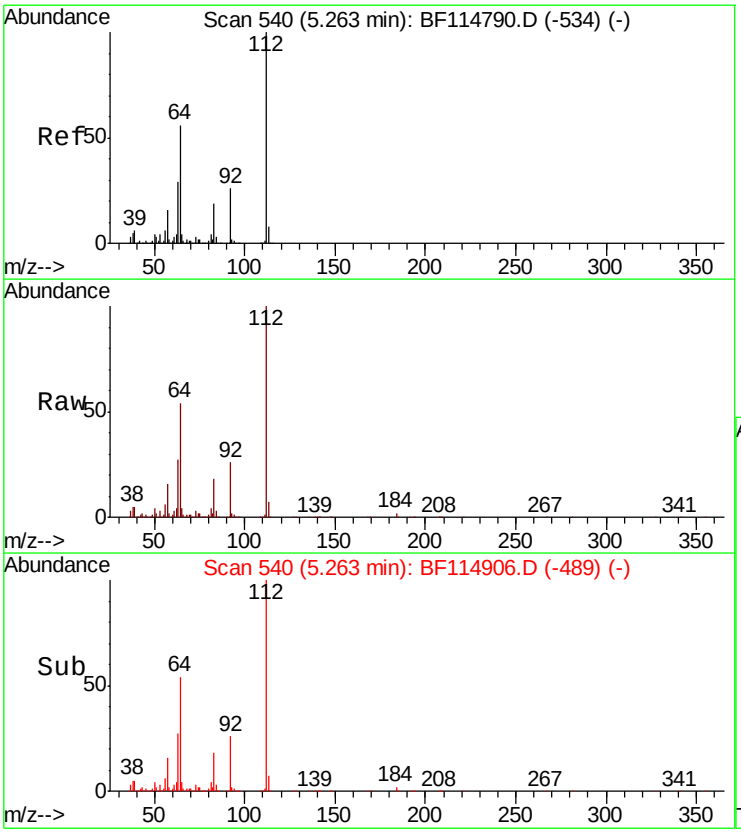
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion:152 Resp: 332046

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.0	186.0
115	56.5	46.3	69.5

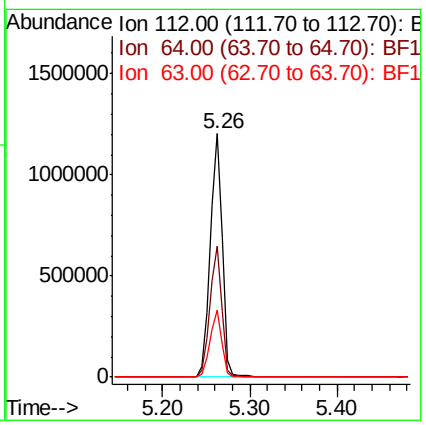


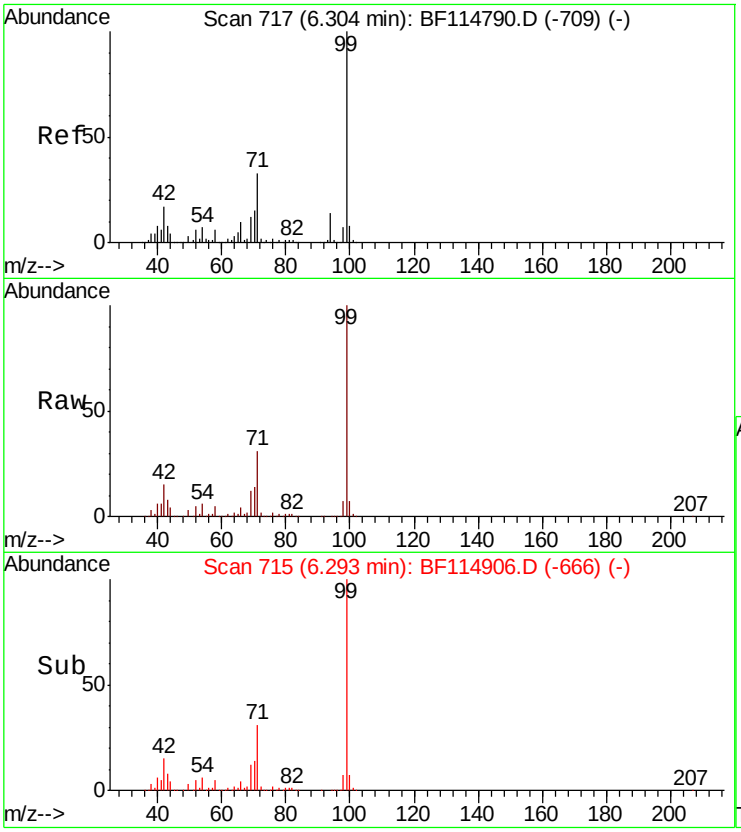


#5
2-Fluorophenol
Concen: 60.828 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion:112 Resp: 1155896

Ion	Ratio	Lower	Upper
112	100		
64	53.7	44.6	66.8
63	27.3	23.0	34.4



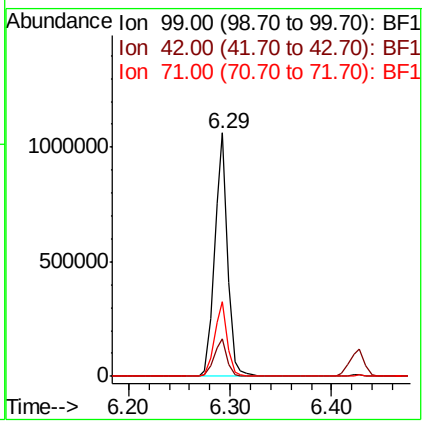


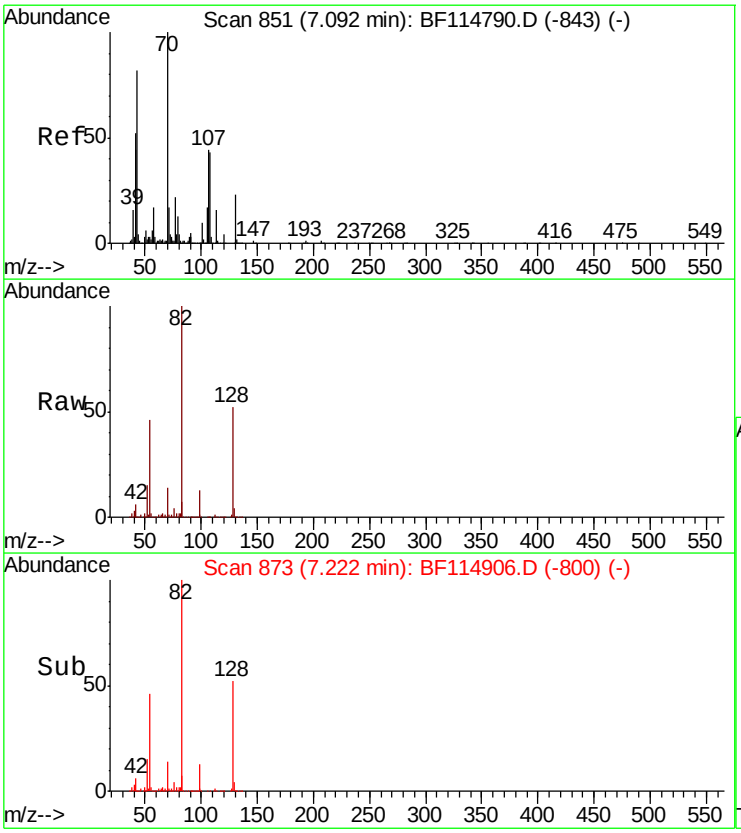
#7
Phenol-d6
Concen: 40.314 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion: 99 Resp: 932173

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.3	19.9
71	30.9	26.3	39.5

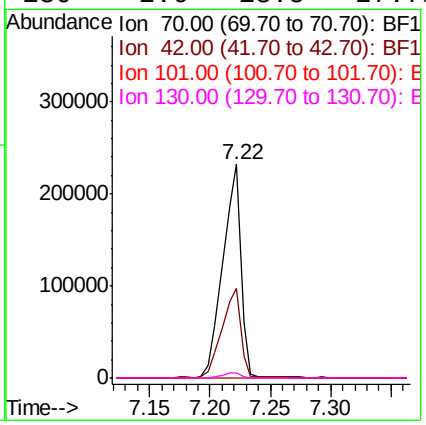


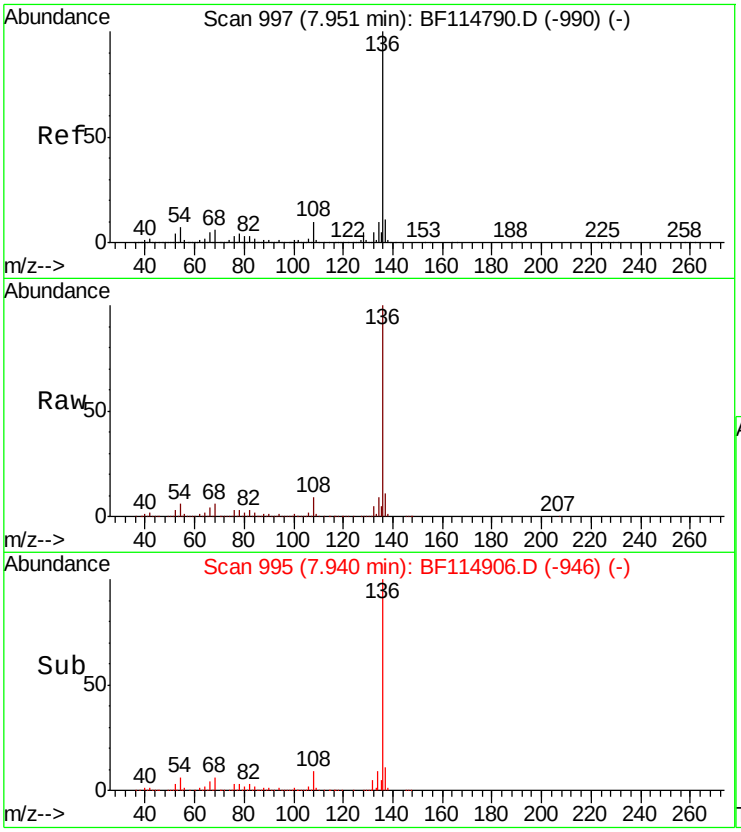


#19
n-Nitroso-di-n-propylamine
Concen: 15.920 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion: 70 Resp: 243671

Ion	Ratio	Lower	Upper
70	100		
42	41.9	41.8	62.8
101	0.0	8.2	12.4#
130	2.6	18.5	27.7#



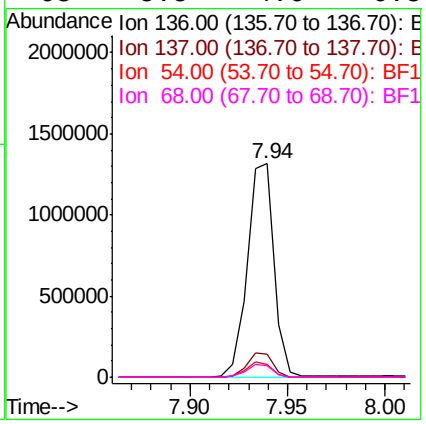


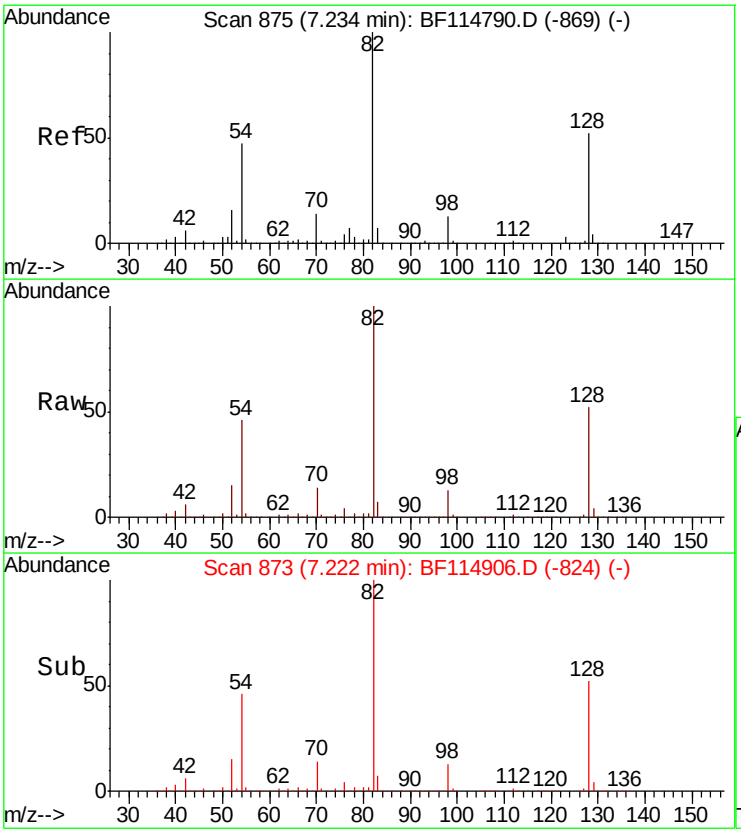
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion:136 Resp: 1244746

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.0	5.4	8.0
68	5.5	4.6	6.8

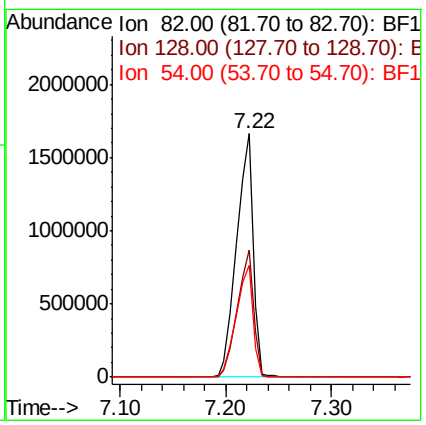


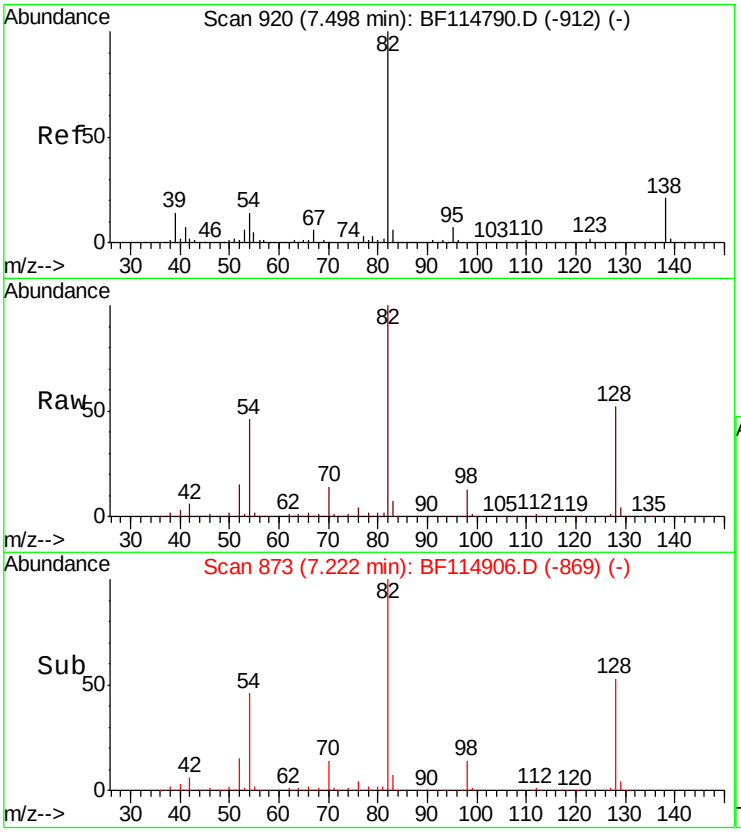


#23
Nitrobenzene-d5
Concen: 88.063 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion: 82 Resp: 1780690

Ion	Ratio	Lower	Upper
82	100		
128	52.0	41.8	62.6
54	46.2	37.9	56.9



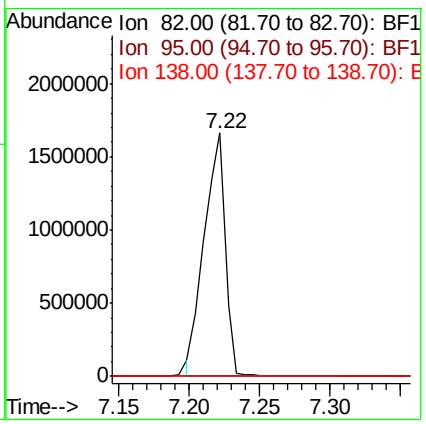


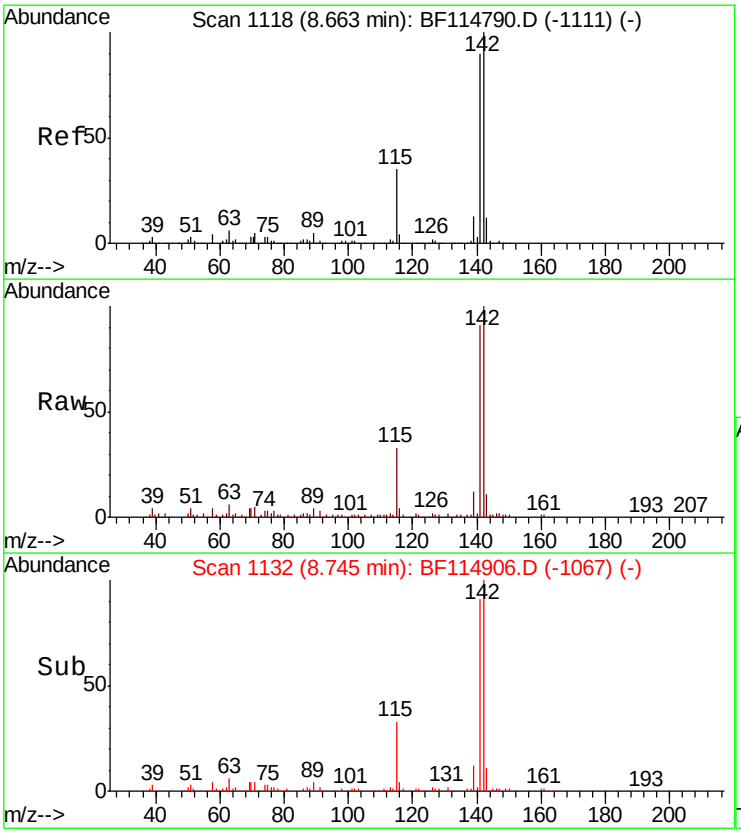
#25
Isophorone
Concen: 43.196 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion: 82 Resp: 1726766

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.9	25.3#

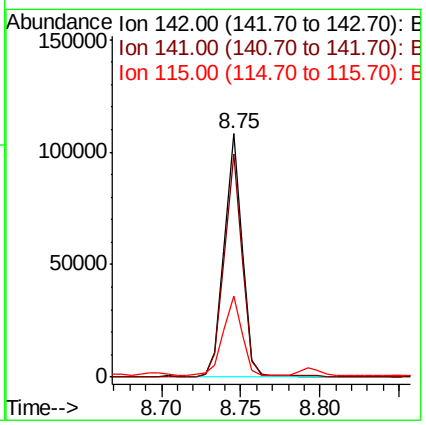


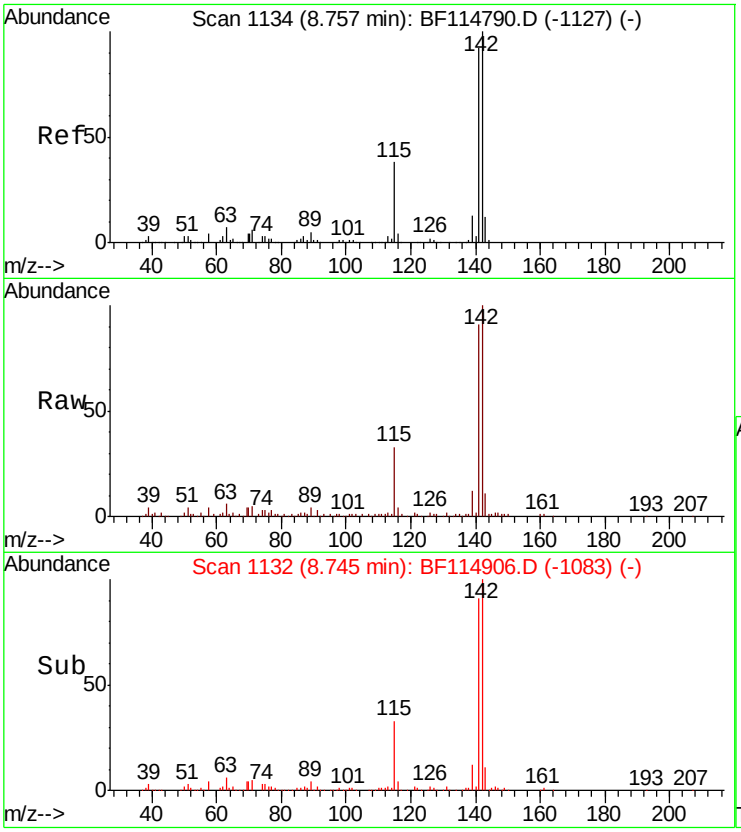


#37
2-Methylnaphthalene
Concen: 2.205 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.08 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion:142 Resp: 85699

Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.6	107.4
115	33.3	28.2	42.4



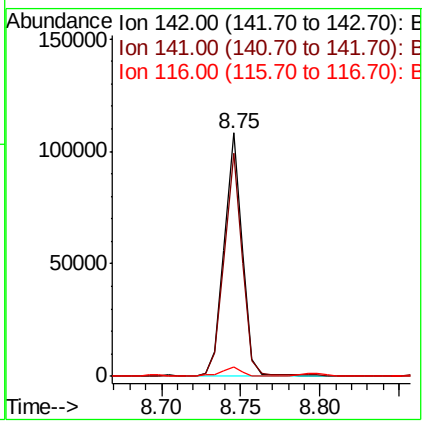


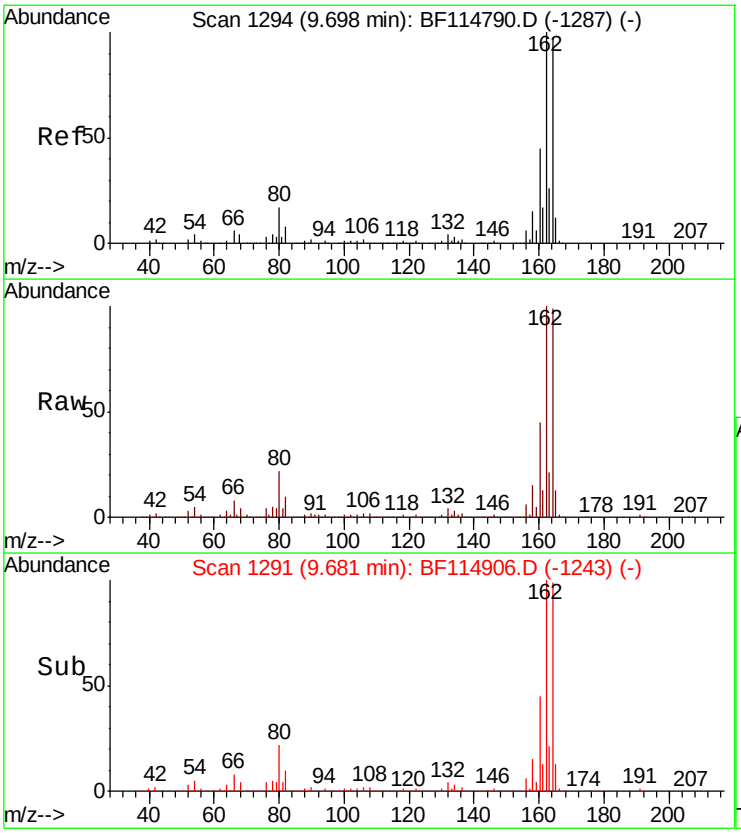
#38
1-Methylnaphthalene
Concen: 2.325 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion:142 Resp: 85699

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.8	110.6
116	3.8	3.3	4.9

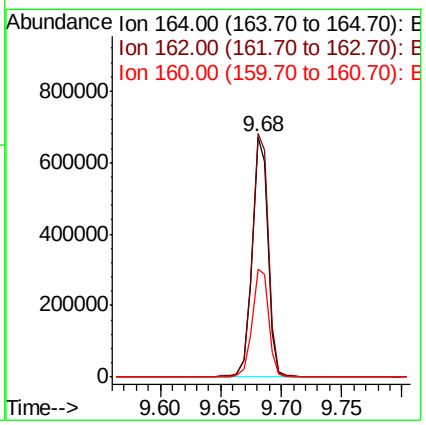


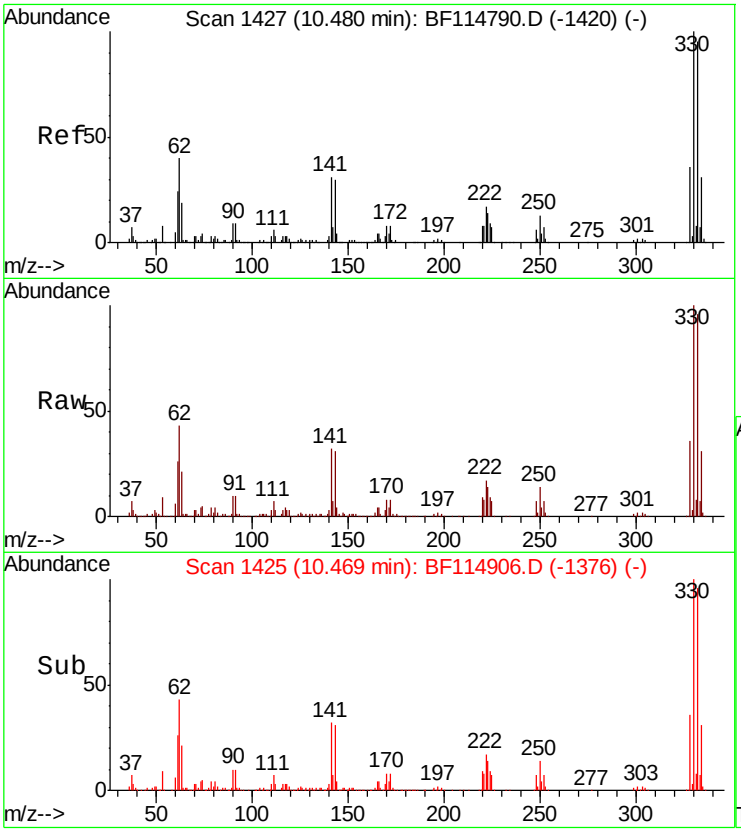


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion:164 Resp: 613580

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.3	123.5
160	45.2	36.7	55.1



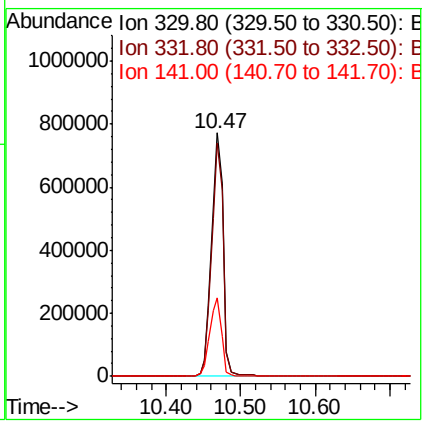


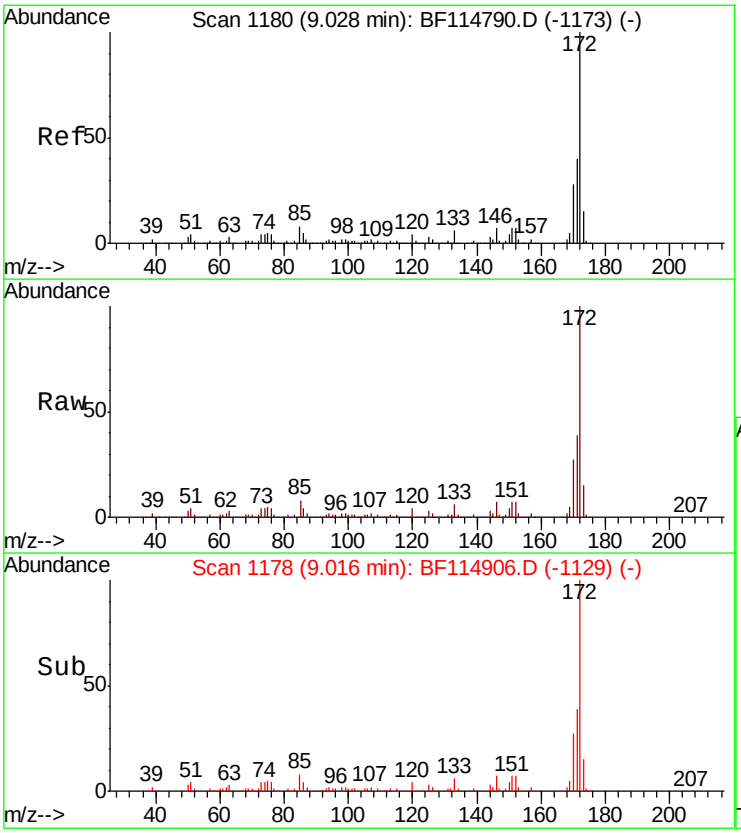
#42
2,4,6-Tribromophenol
Concen: 125.830 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion:330 Resp: 832028

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.3	115.9
141	32.6	26.2	39.4

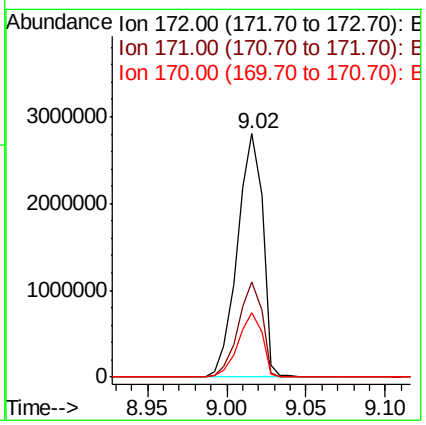


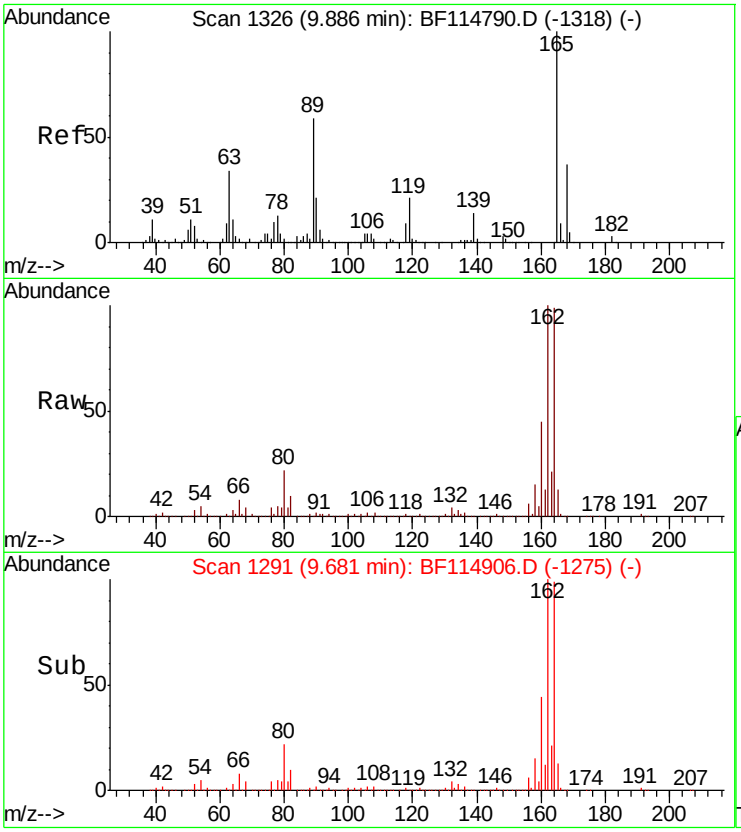


#45
2-Fluorobiphenyl
Concen: 94.922 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion:172 Resp: 3109121

Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.3	48.5
170	26.6	22.4	33.6



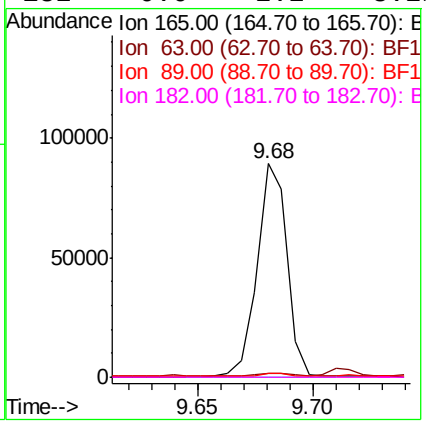


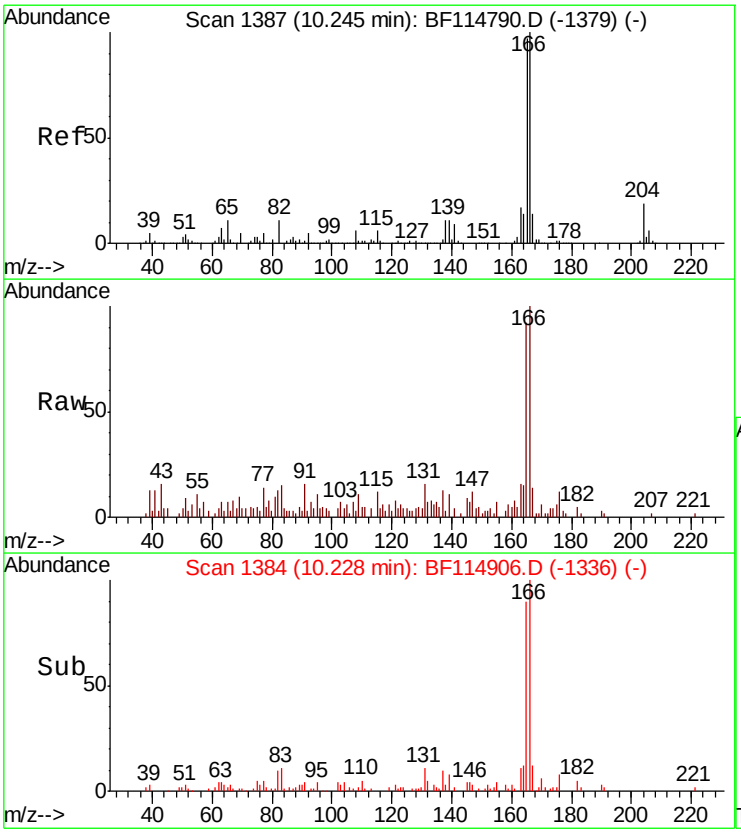
#57
2,4-Dinitrotoluene
Concen: 6.105 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.21 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion:165 Resp: 80882

Ion	Ratio	Lower	Upper
165	100		
63	1.8	27.0	40.4#
89	1.7	47.0	70.6#
182	0.0	2.2	3.2#

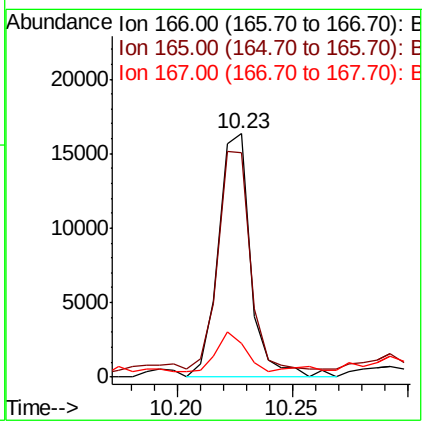


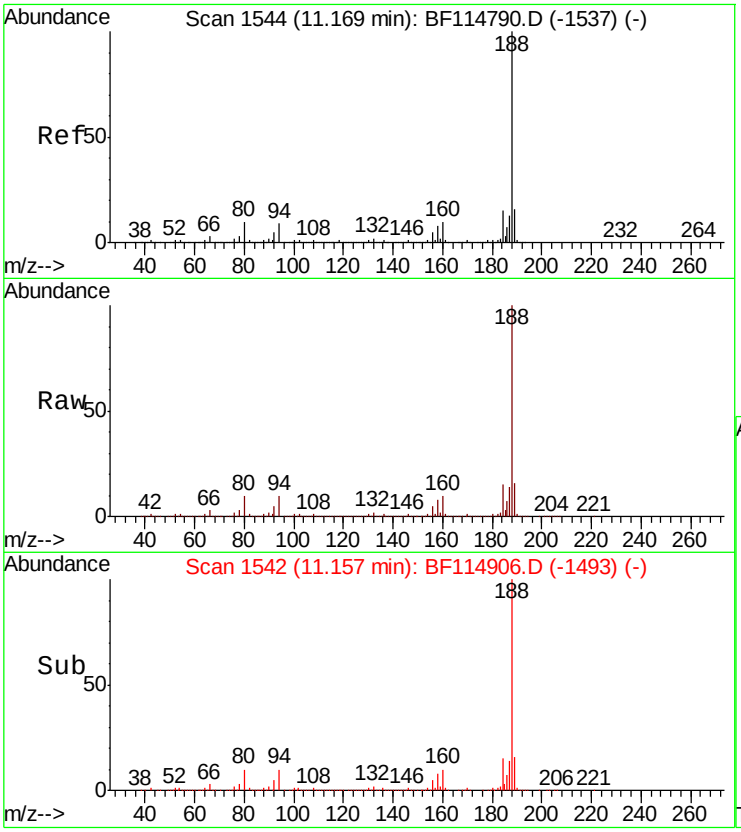


#58
Fluorene
Concen: Below Cal
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion:166 Resp: 15854

Ion	Ratio	Lower	Upper
166	100		
165	92.3	77.9	116.9
167	14.1	11.3	16.9



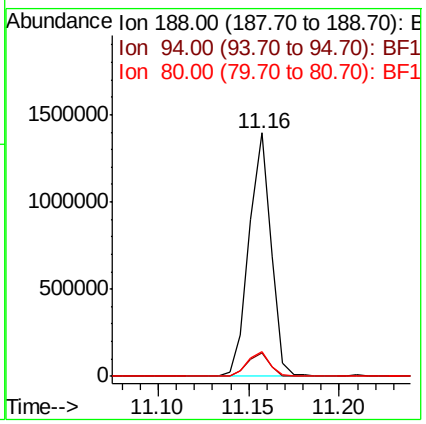


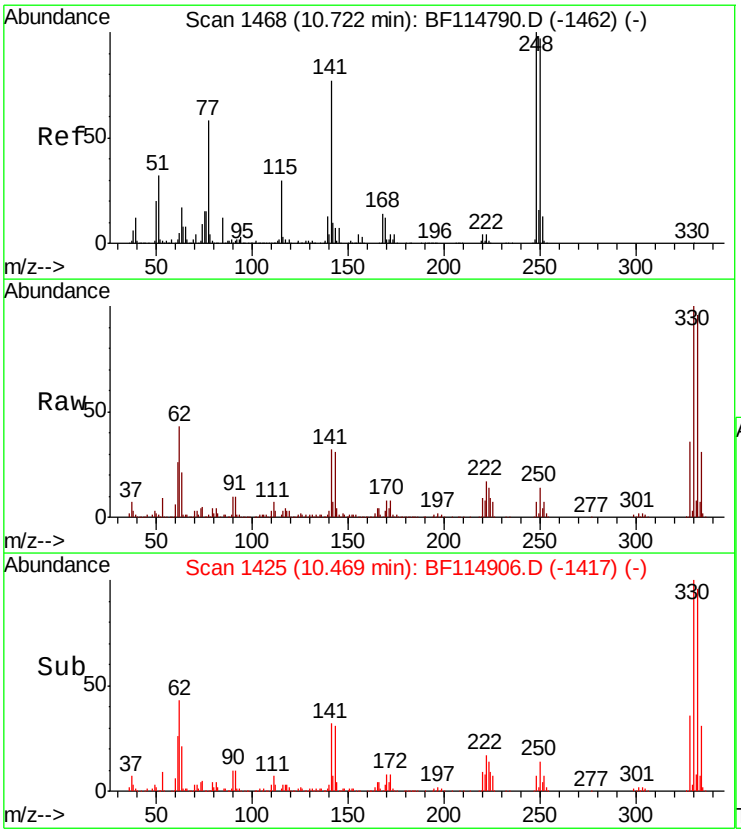
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion:188 Resp: 1182683

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.6	11.4
80	10.3	8.3	12.5

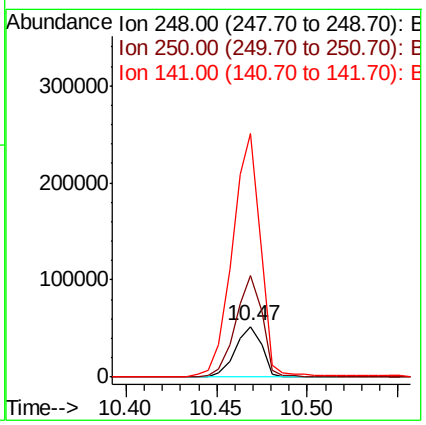


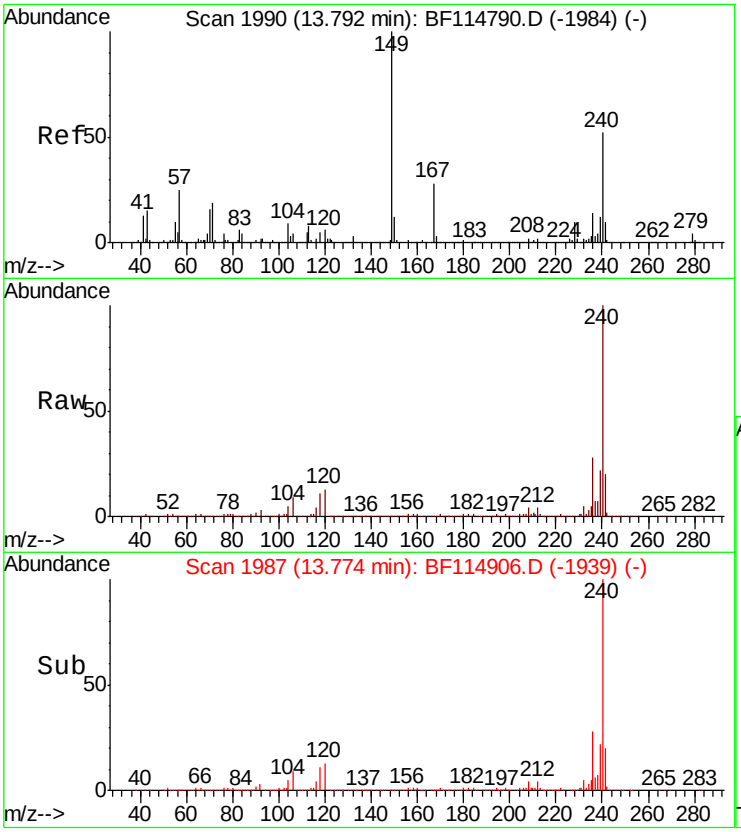


#67
4-Bromophenyl-phenylether
Concen: 4.039 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.25 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion:248 Resp: 54259

Ion	Ratio	Lower	Upper
248	100		
250	201.4	77.5	116.3#
141	483.5	61.8	92.8#



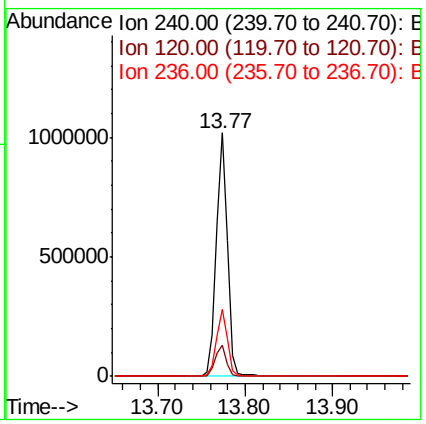


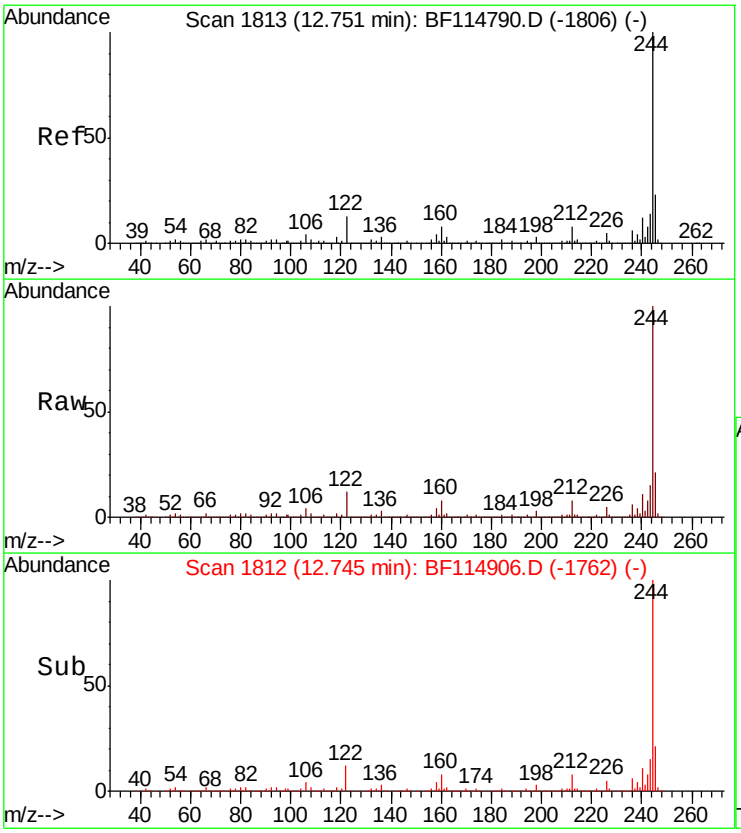
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion:240 Resp: 908744

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.0	13.4
236	27.6	21.4	32.0

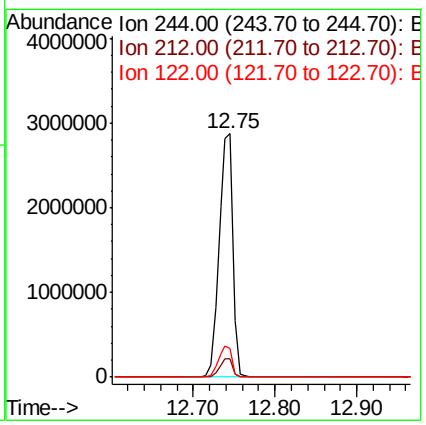


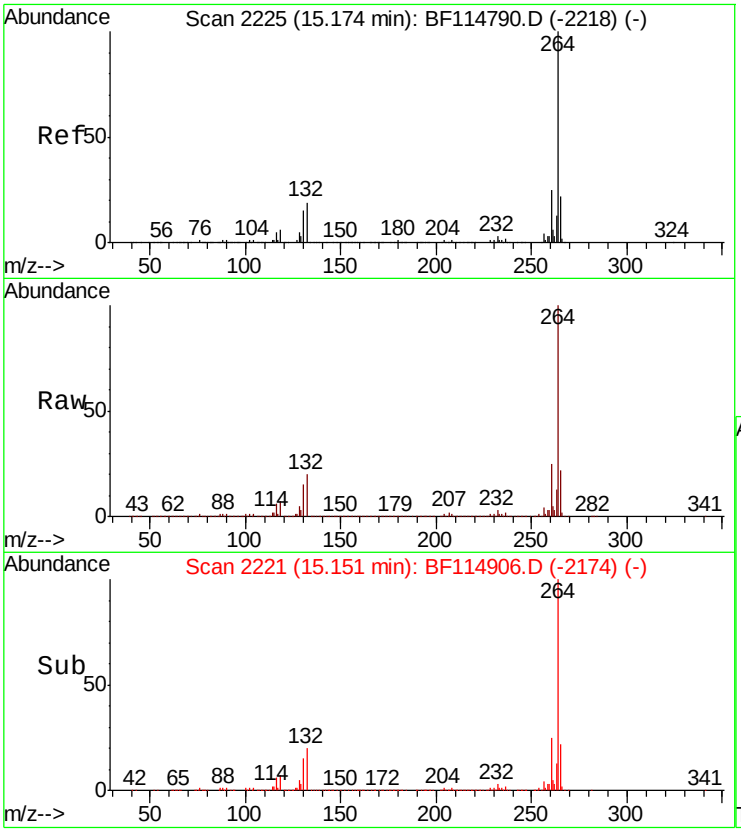


#79
Terphenyl-d14
Concen: 71.493 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion:244 Resp: 3340722

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	11.6	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion:264 Resp: 770892

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.0	17.7	26.5