Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
Data File : BM009493.D
Acq On : 01 Apr 2017 02:43
Operator : SJ/MA
Sample : I2475-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24S-GW

Quant Time: Apr 01 03:13:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 12:10:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	133555	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	507964	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	297824	20.00	ng		-0.02
63) Phenanthrene-d10	17.24	188	737894	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	980493	20.00	ng		-0.01
86) Perylene-d12	23.74	264	932761	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	523102	65.29	ng		-0.01
7) Phenol-d6	7.00	99	437363	40.03	ng		-0.02
23) Nitrobenzene-d5	9.01	82	1283109	94.71	ng		-0.02
41) 2,4,6-Tribromophenol	15.99	330	664964	179.73	ng		-0.01
44) 2-Fluorobiphenyl	13.10	172	2478652	100.28	ng		-0.02
78) Terphenyl-d14	19.86	244	3820717	81.43	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	10.70	128	8380560	310.84	ng		99
45) 1,1'-Biphenyl	13.32	154	91957	3.71	ng		93
48) Acenaphthylene	14.21	152	63927	2.04	ng	#	96
51) Acenaphthene	14.55	154	313679	16.58	ng		99
54) Dibenzofuran	14.89	168	406482	14.53	ng		96
57) Fluorene	15.54	166	346576	13.78	ng		98
70) Phenanthrene	17.28	178	1069537	25.35	ng		98
71) Anthracene	17.37	178	201529	4.72	ng		99
72) Carbazole	17.65	167	153466	3.75	ng		96
74) Fluoranthene	19.30	202	326999	6.54	ng		98
77) Pyrene	19.66	202	267942	4.82	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
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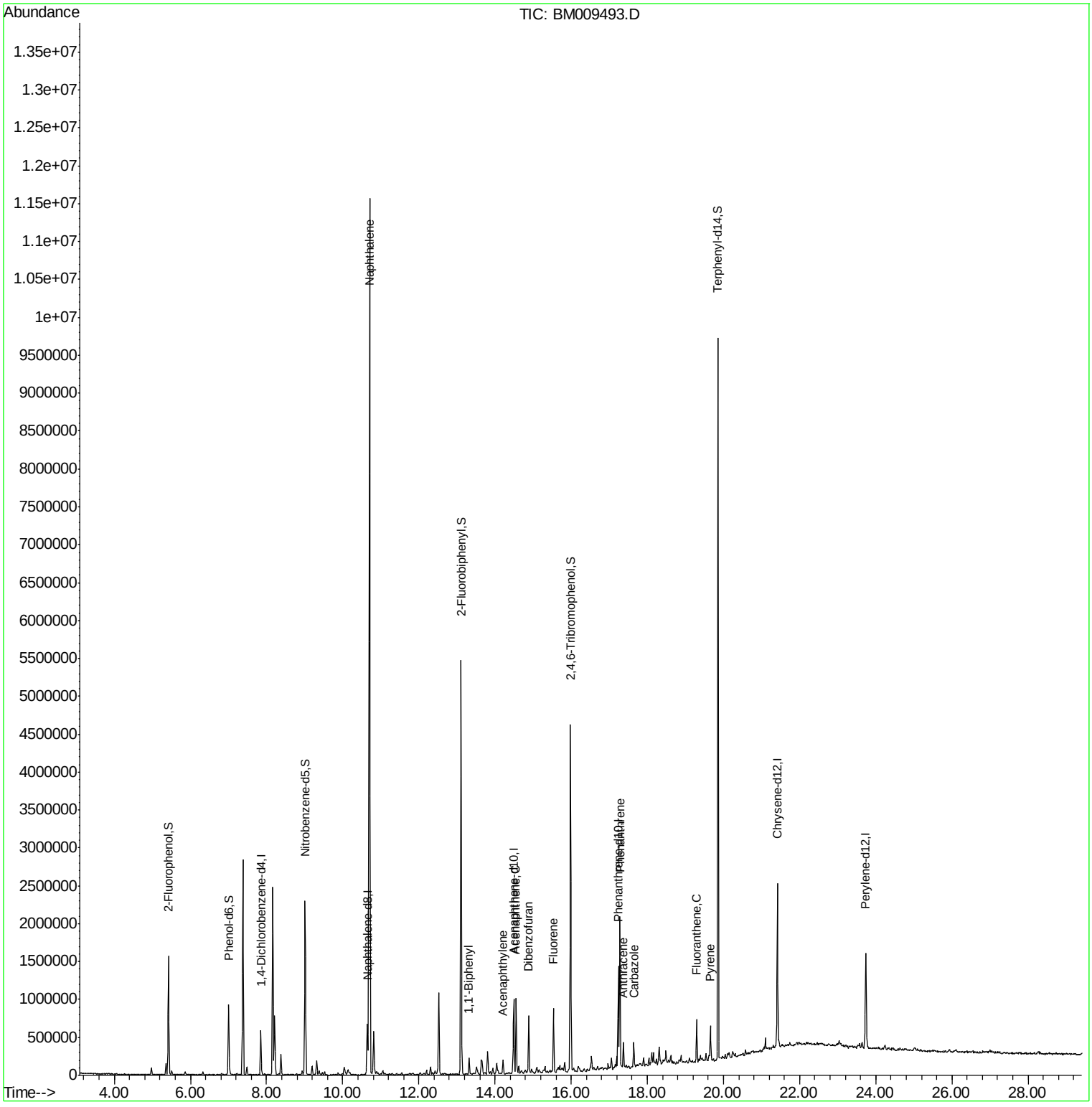
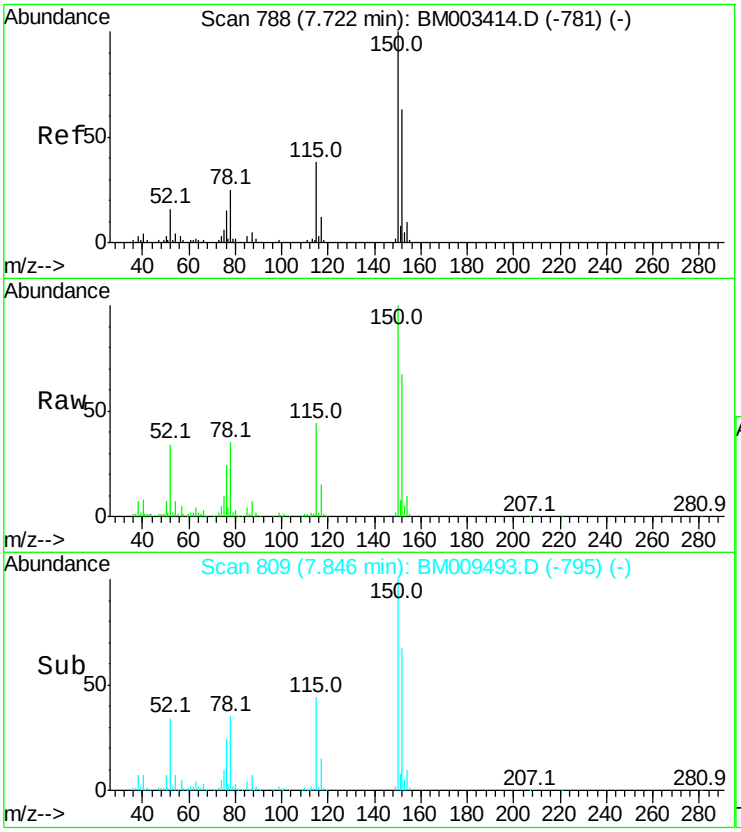
Acq On : 01 Apr 2017 02:43
Operator : SJ/MA
Sample : I2475-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GW

Quant Time: Apr 01 03:13:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 12:10:26 2017
Response via : Initial Calibration



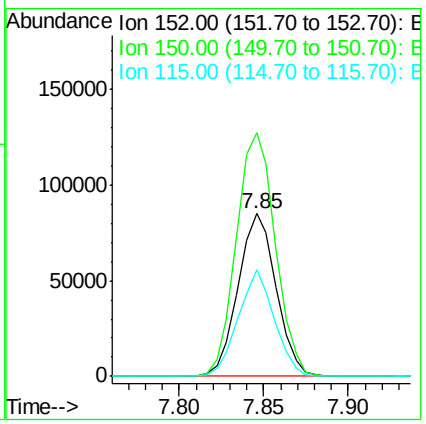


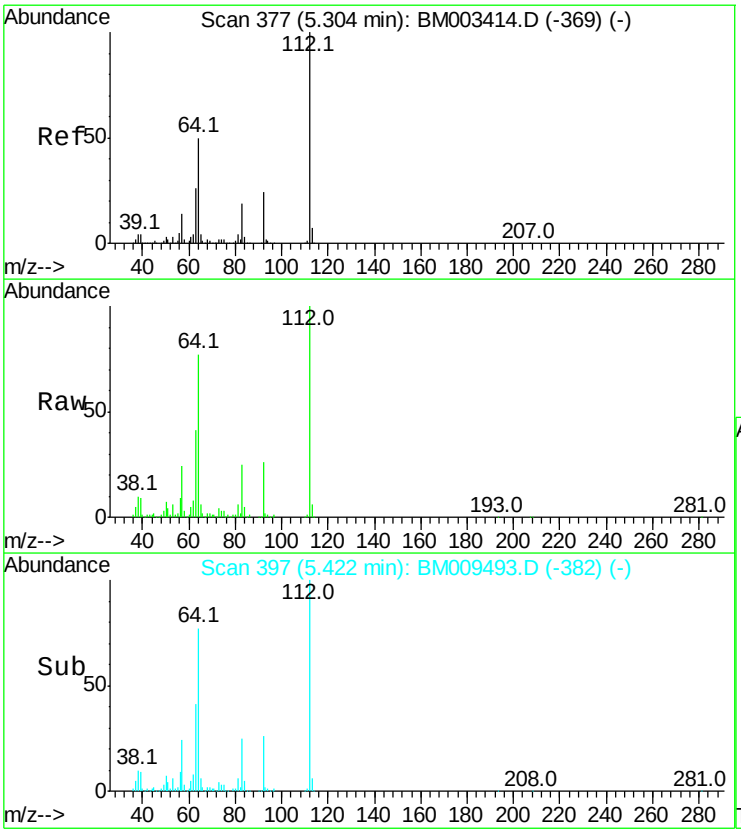
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:152 Resp: 133555

Ion	Ratio	Lower	Upper
152	100		
150	149.6	119.5	179.3
115	65.6	43.0	64.4#

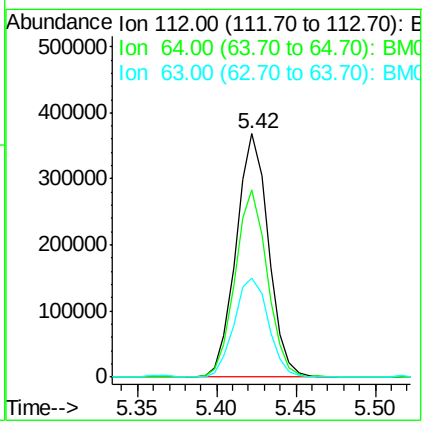


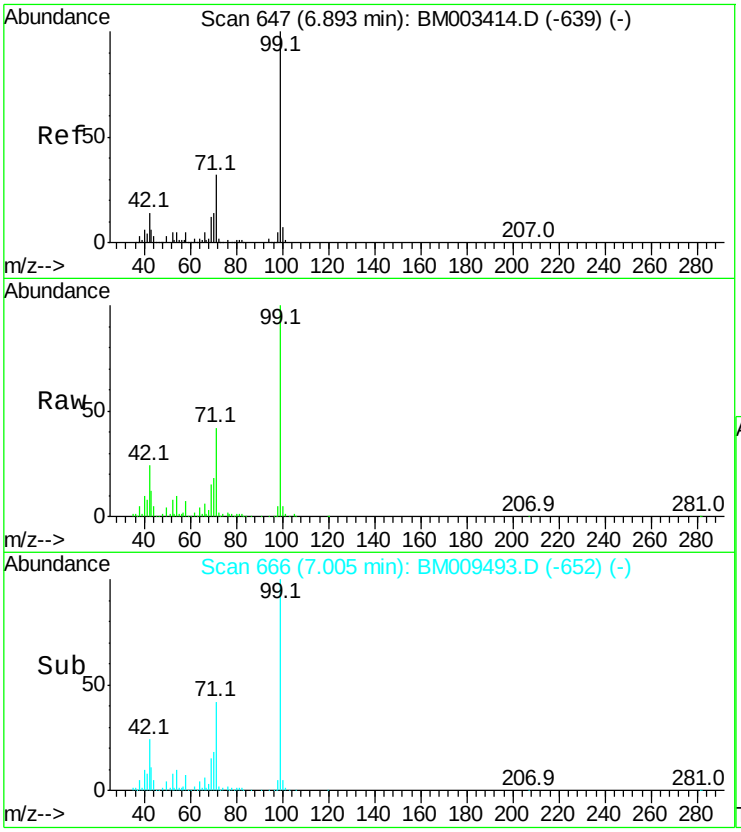


#5
2-Fluorophenol
Concen: 65.29 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Tgt Ion:112 Resp: 523102

Ion	Ratio	Lower	Upper
112	100		
64	76.9	38.6	57.8#
63	40.6	19.3	28.9#



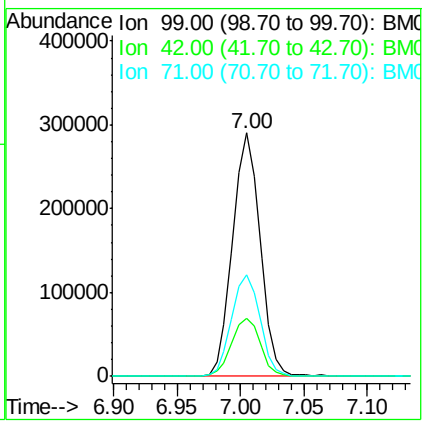


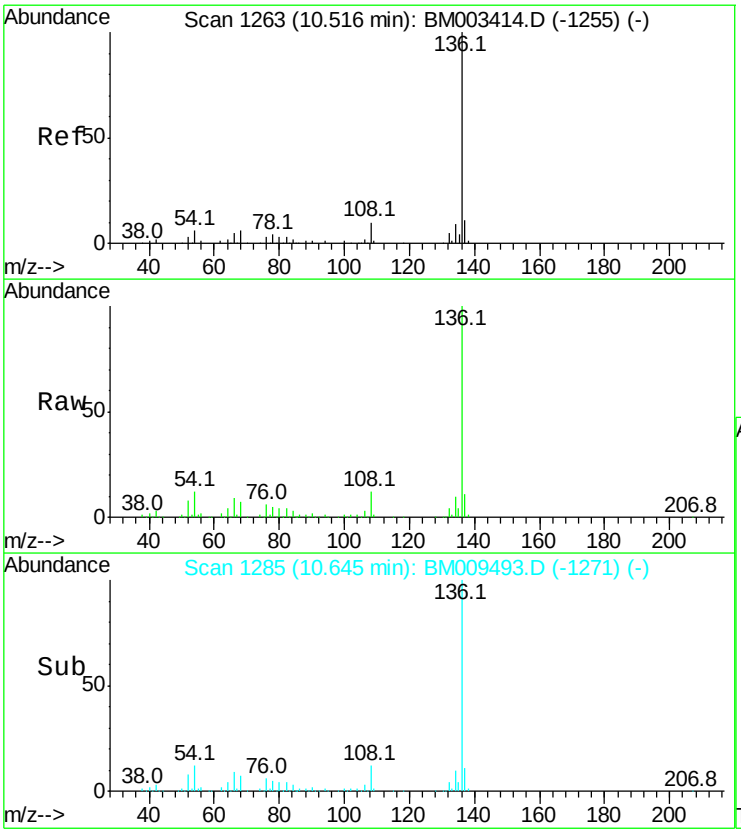
#7
Phenol-d6
Concen: 40.03 ng
RT: 7.00 min Scan# 666
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion: 99 Resp: 437363

Ion	Ratio	Lower	Upper
99	100		
42	23.6	11.0	16.4#
71	41.6	23.4	35.2#

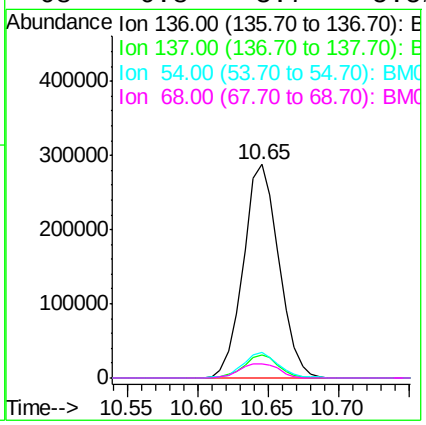


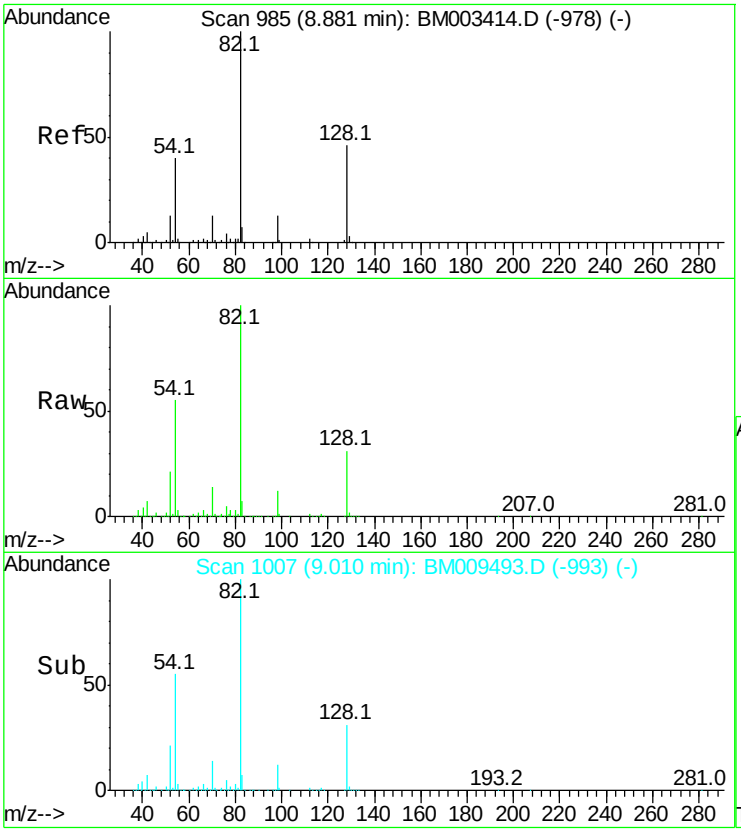


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Tgt Ion:136 Resp: 507964

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	12.2	4.6	6.8#
68	6.8	3.7	5.5#



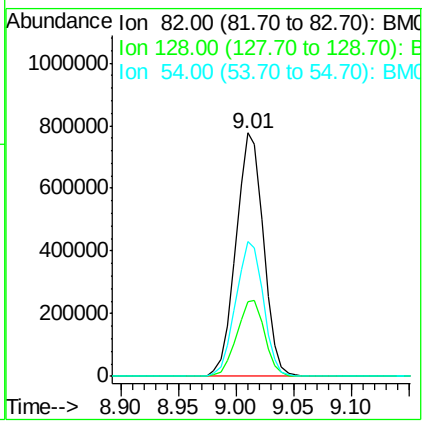


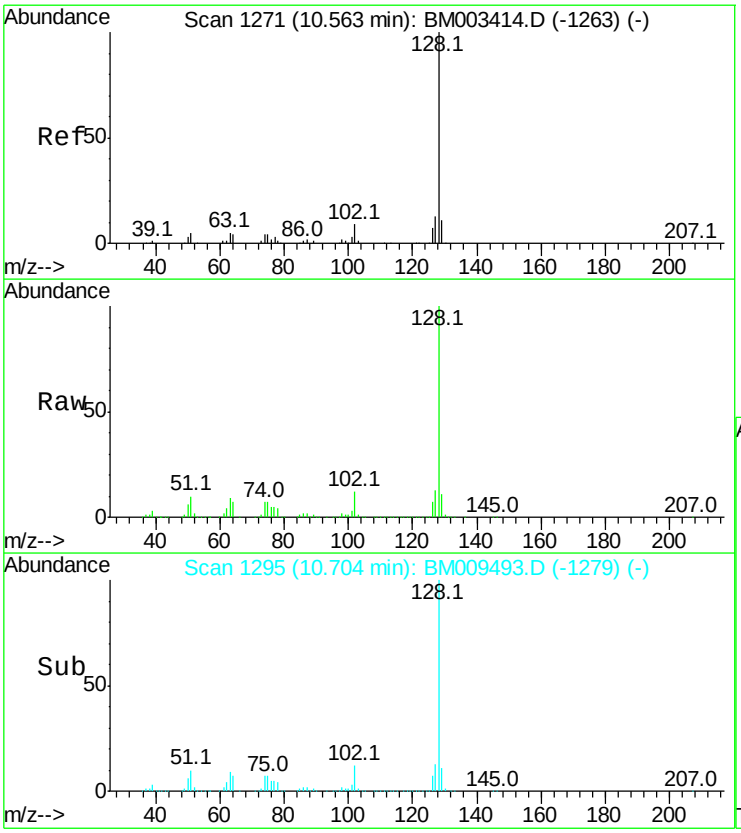
#23
Nitrobenzene-d5
Concen: 94.71 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion: 82 Resp: 1283109

Ion	Ratio	Lower	Upper
82	100		
128	30.7	32.8	49.2#
54	55.3	40.6	60.8

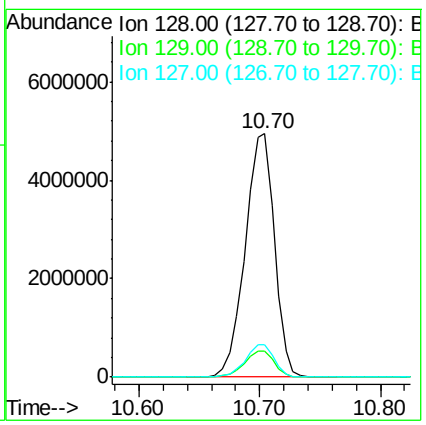


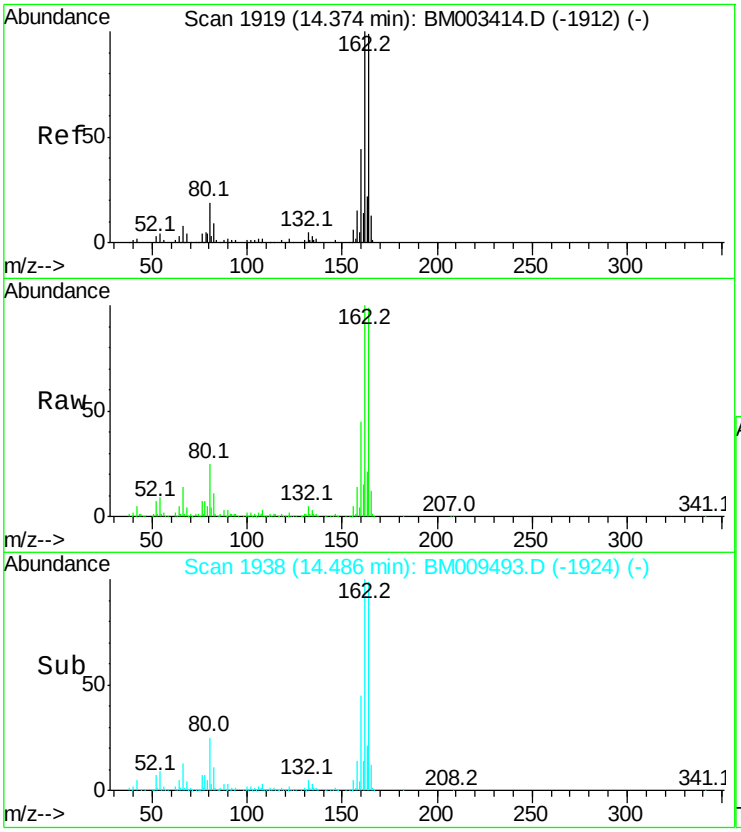


#31
Naphthalene
Concen: 310.84 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Tgt Ion:128 Resp: 8380560

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.2	10.4	15.6



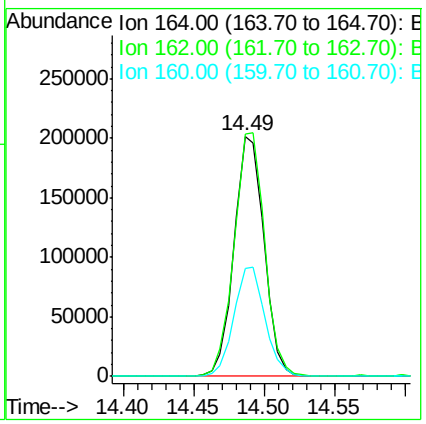


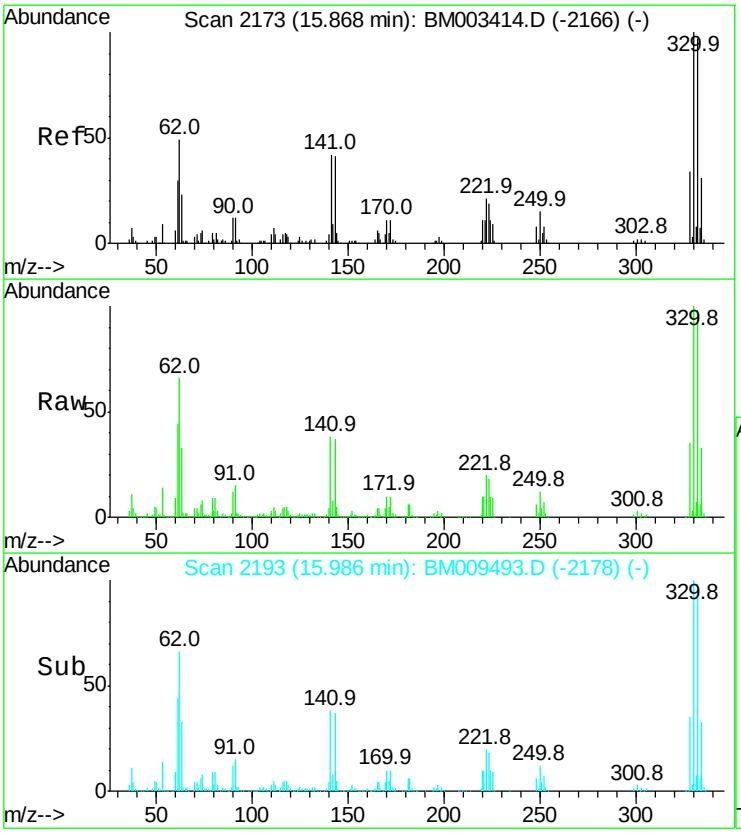
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:164 Resp: 297824

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.4	123.6
160	45.2	35.8	53.6

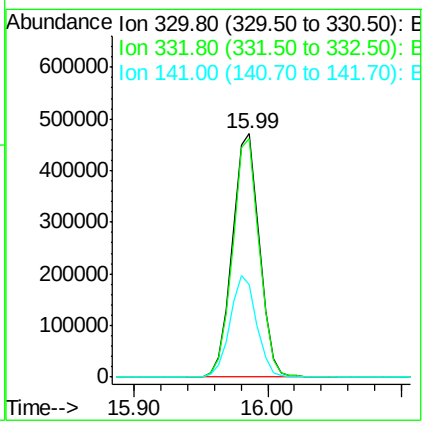


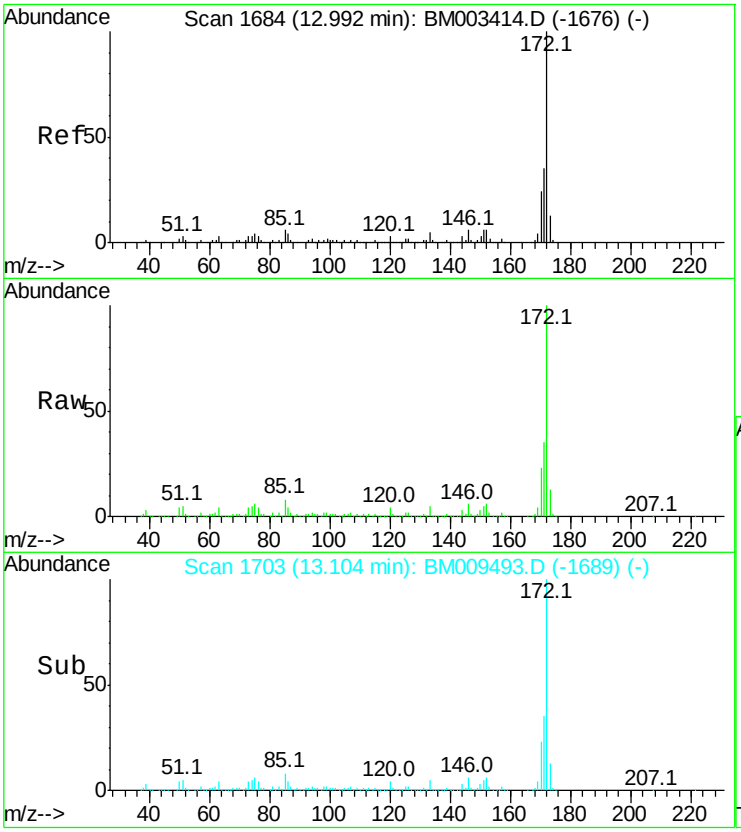


#41
2,4,6-Tribromophenol
Concen: 179.73 ng
RT: 15.99 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Tgt Ion:330 Resp: 664964

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	40.9	0.0	0.0#



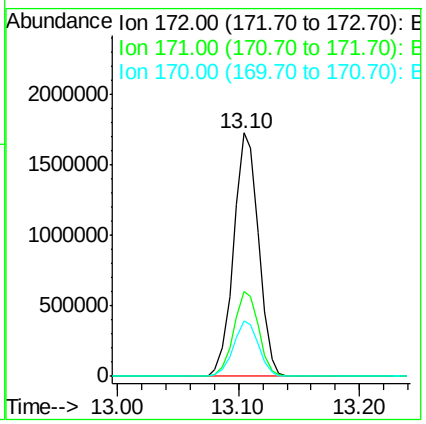


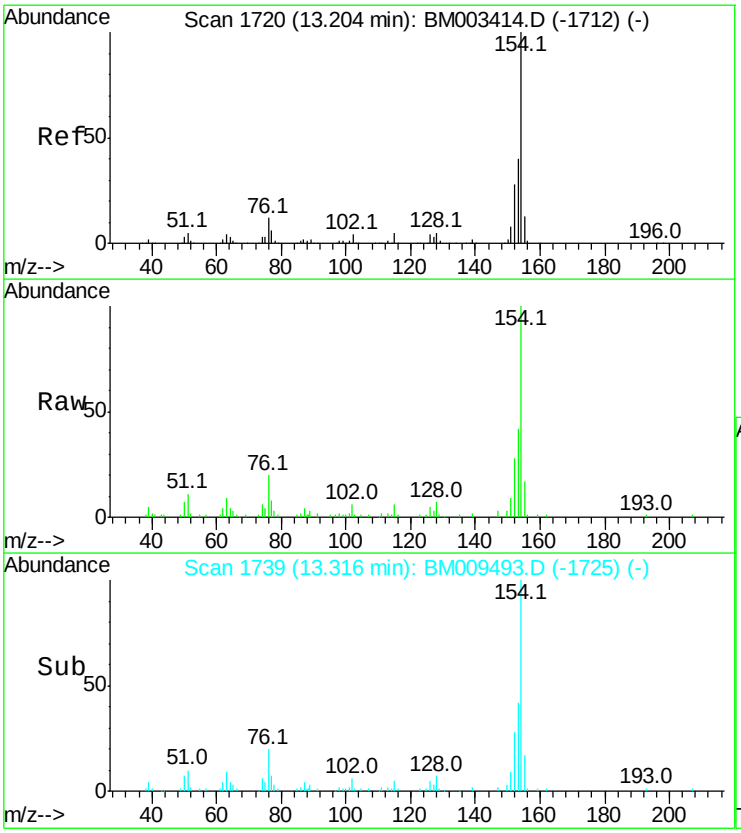
#44
2-Fluorobiphenyl
Concen: 100.28 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:172 Resp: 2478652

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	22.7	18.8	28.2

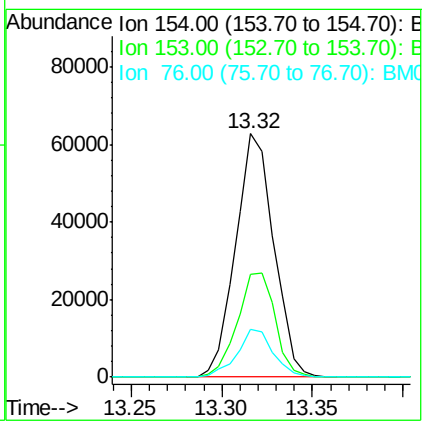


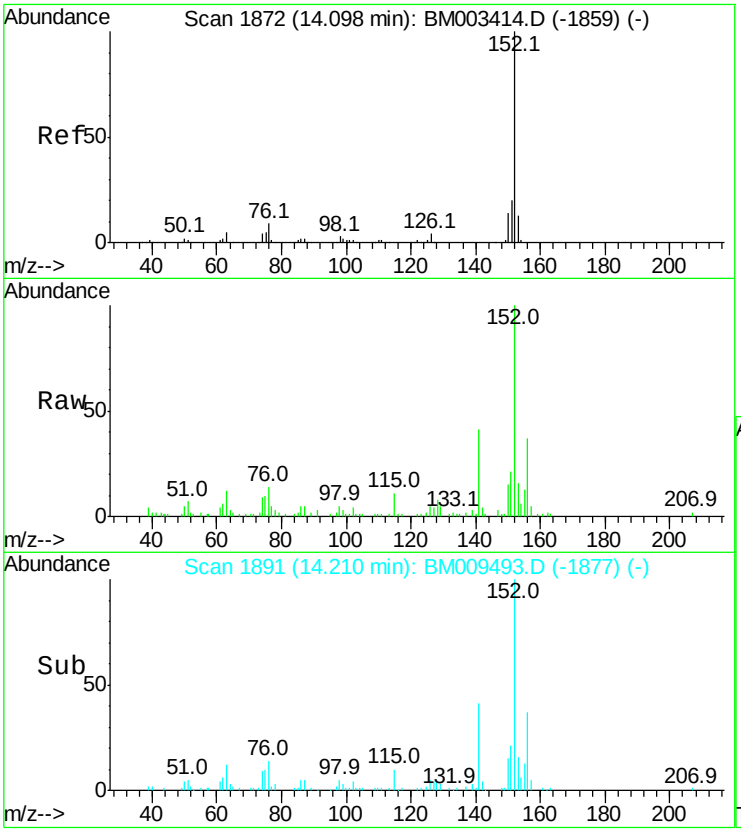


#45
1,1'-Biphenyl
Concen: 3.71 ng
RT: 13.32 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Tgt Ion:154 Resp: 91957

Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.7	60.7
76	19.5	0.0	30.9



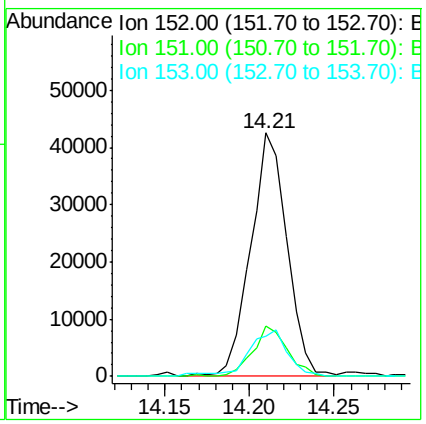


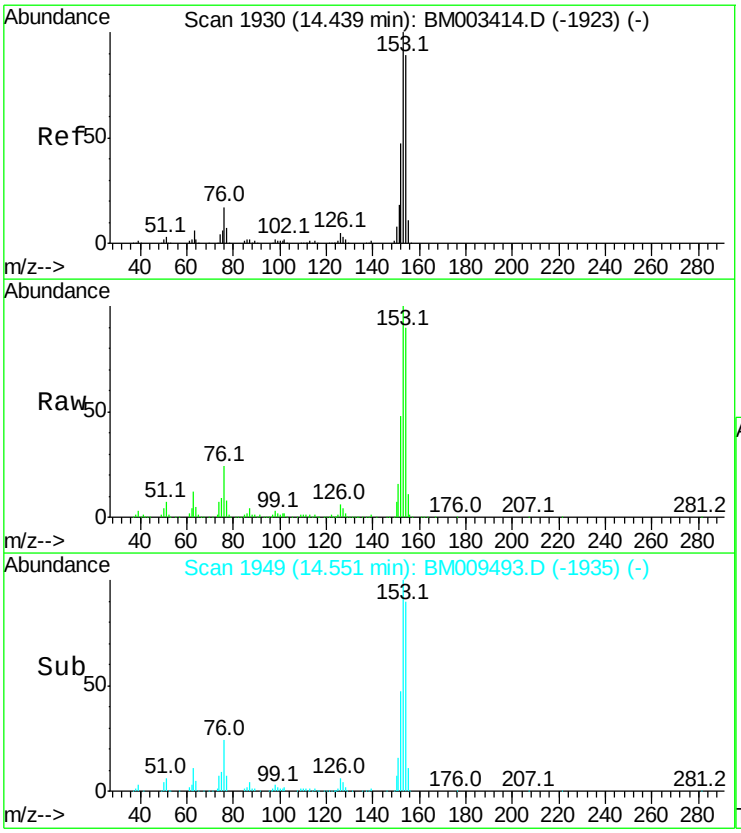
#48
Acenaphthylene
Concen: 2.04 ng
RT: 14.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:152 Resp: 63927

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	16.3	10.6	16.0#

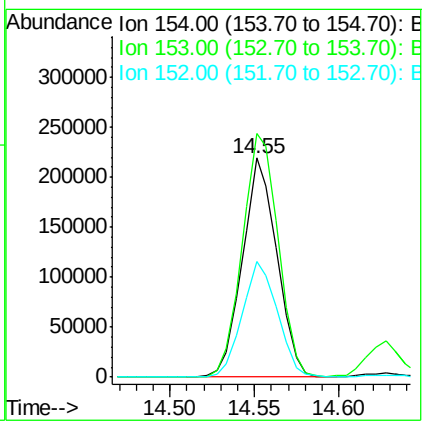


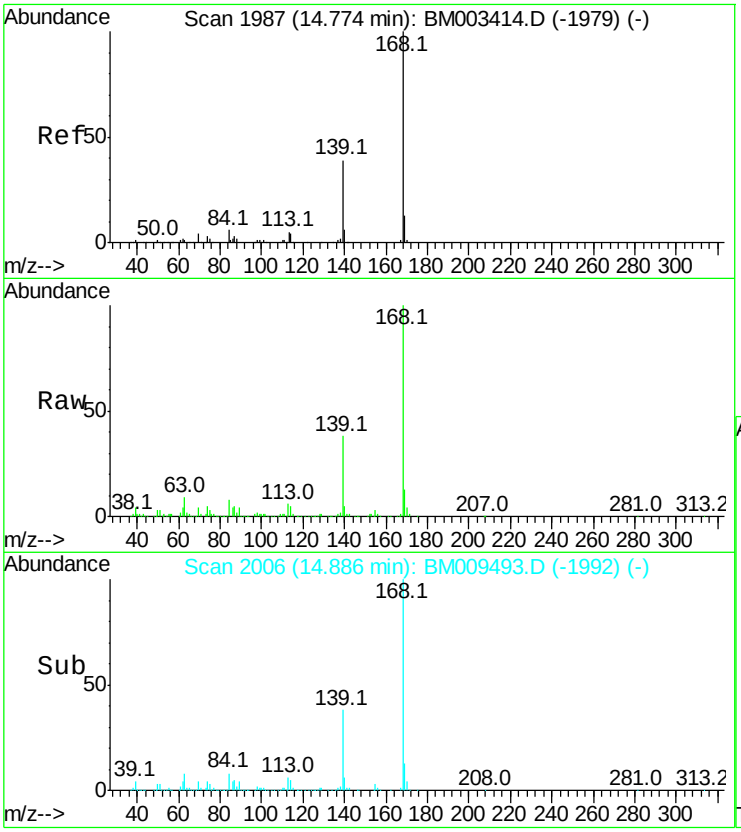


#51
Acenaphthene
Concen: 16.58 ng
RT: 14.55 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Tgt Ion:154 Resp: 313679

Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.0	135.0
152	52.9	42.6	63.8



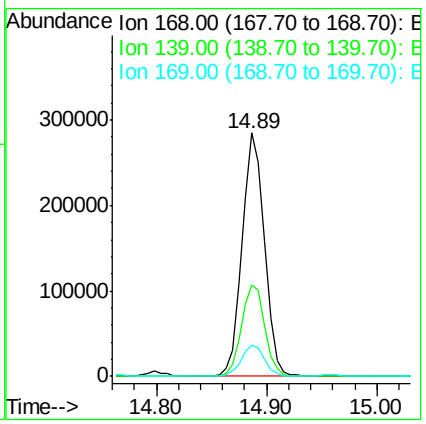


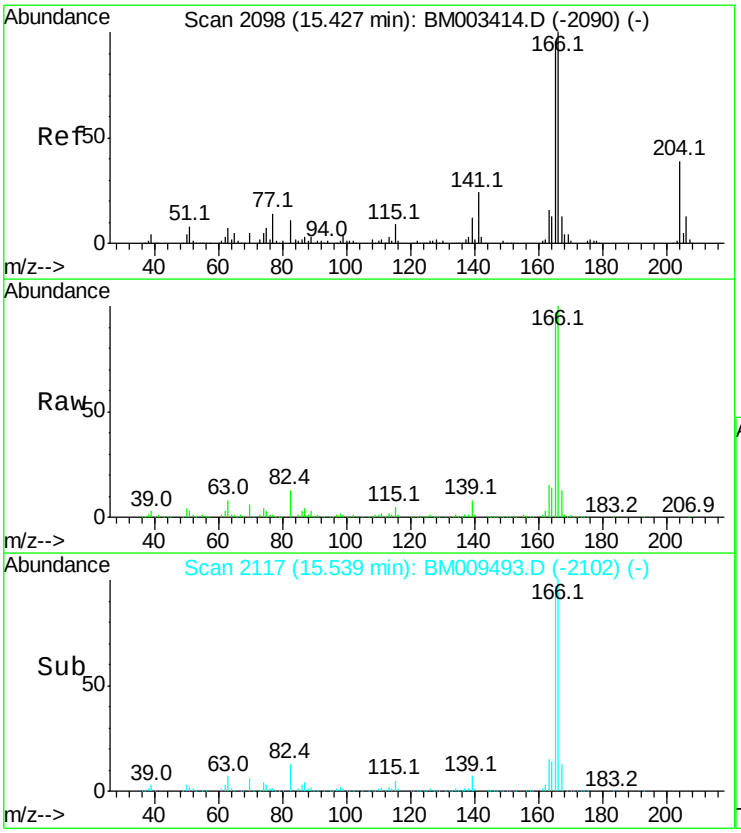
#54
Dibenzofuran
Concen: 14.53 ng
RT: 14.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:168 Resp: 406482

Ion	Ratio	Lower	Upper
168	100		
139	37.5	27.3	40.9
169	13.1	10.6	16.0

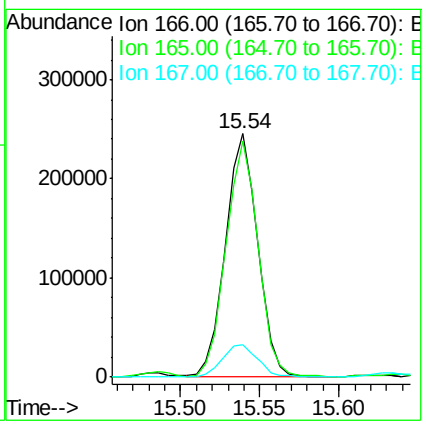


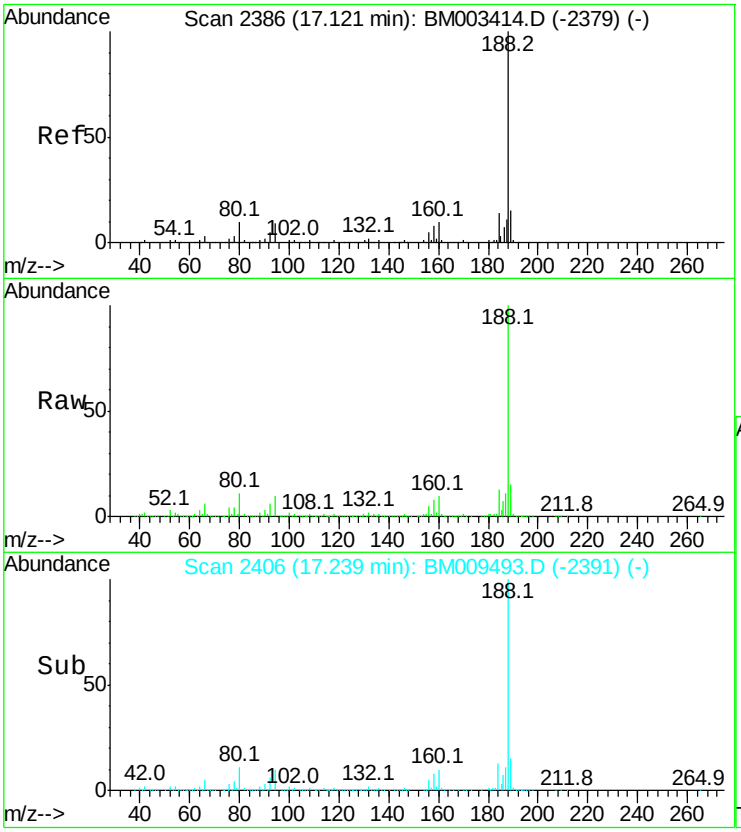


#57
Fluorene
Concen: 13.78 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Tgt Ion:166 Resp: 346576

Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.0	118.4
167	13.3	10.3	15.5



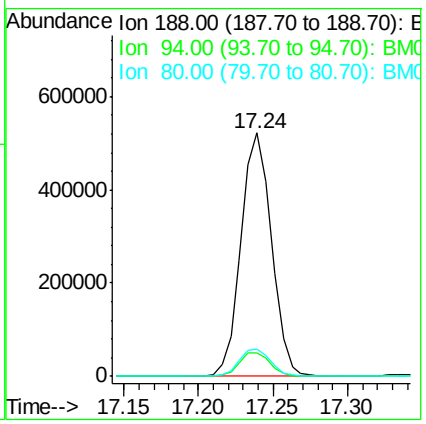


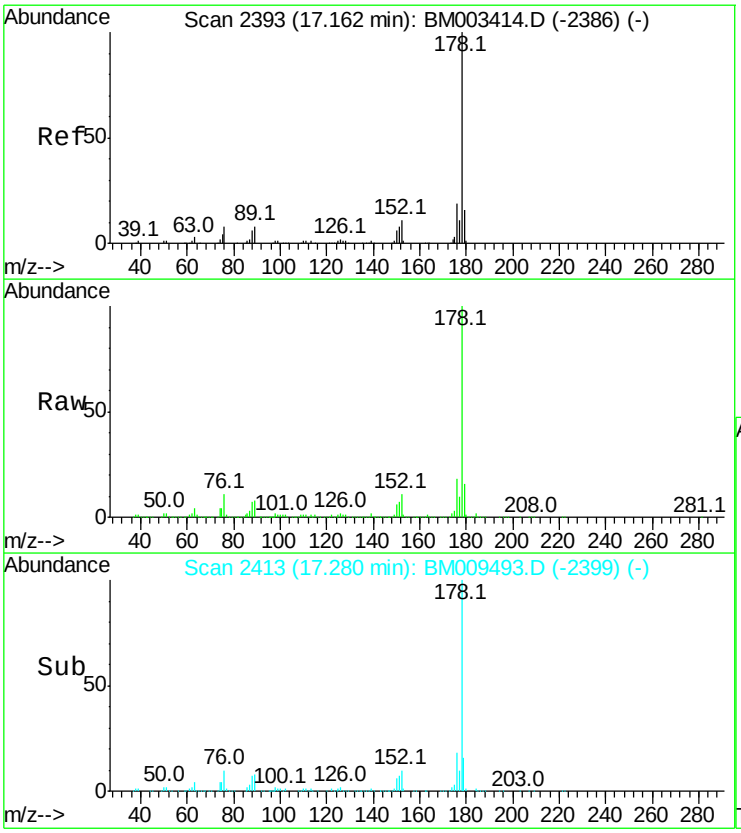
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:188 Resp: 737894

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.7	13.1
80	11.1	9.3	13.9

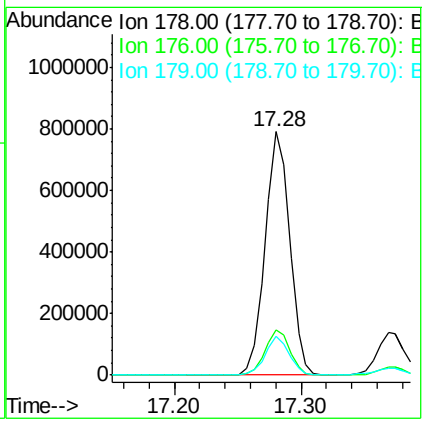


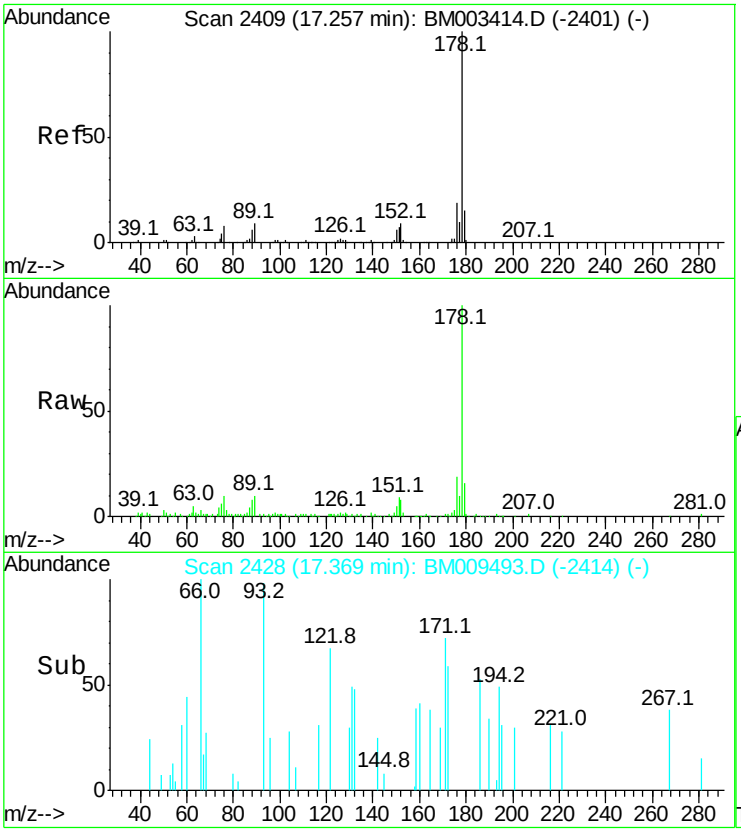


#70
Phenanthrene
Concen: 25.35 ng
RT: 17.28 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Tgt Ion:178 Resp: 1069537

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	16.0	12.1	18.1



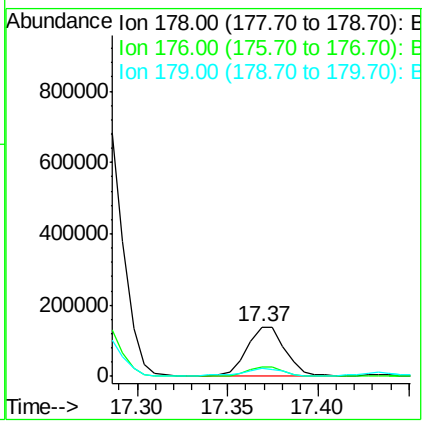


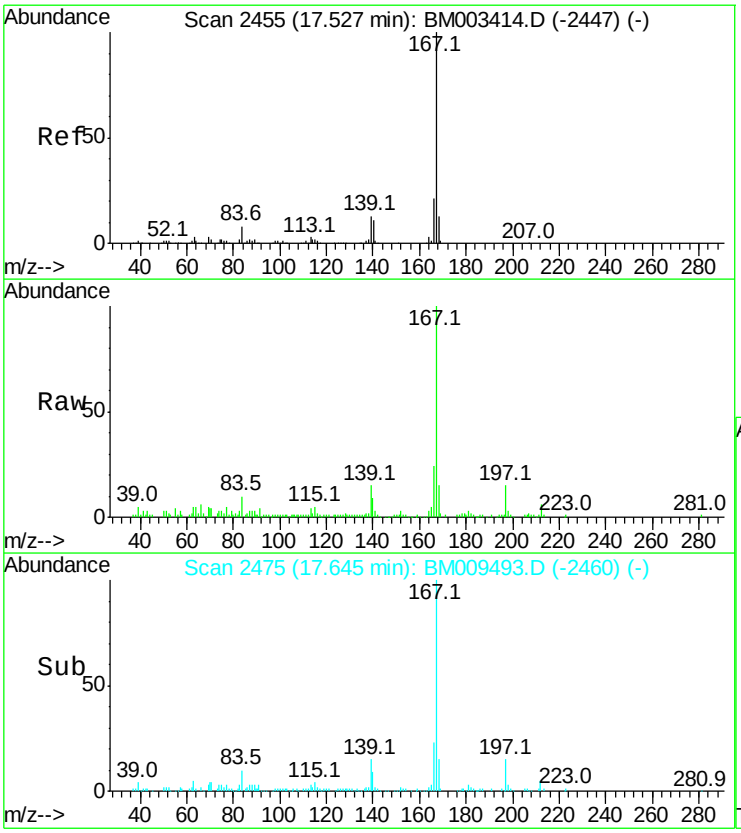
#71
Anthracene
Concen: 4.72 ng
RT: 17.37 min Scan# 2428
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:178 Resp: 201529

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	16.5	12.6	19.0

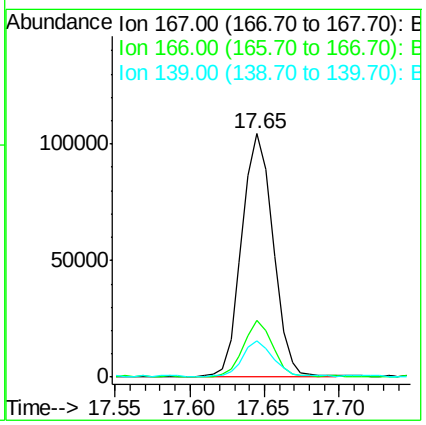


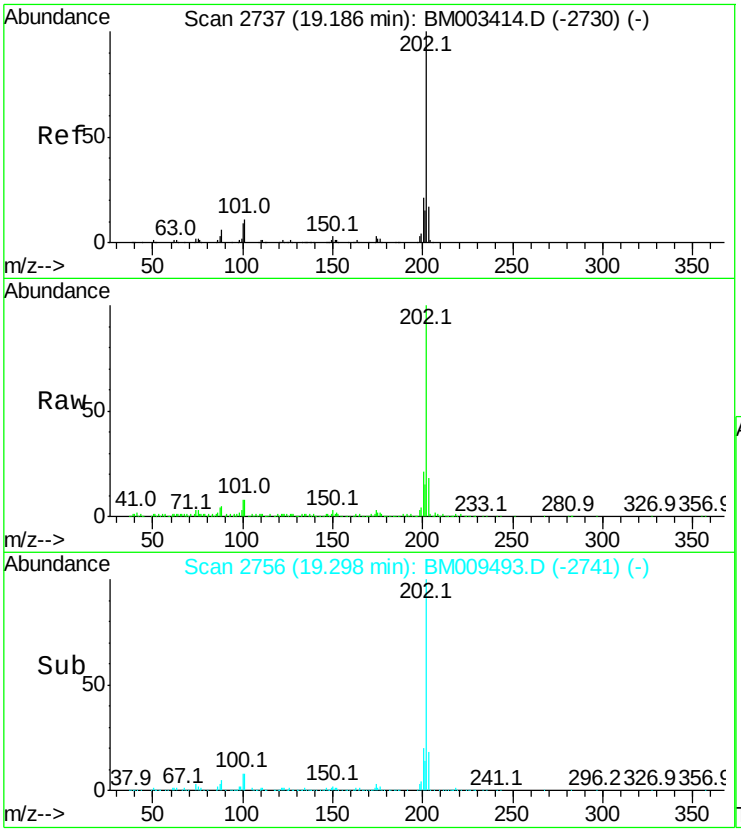


#72
Carbazole
Concen: 3.75 ng
RT: 17.65 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Tgt Ion:167 Resp: 153466

Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.2	25.8
139	15.1	10.8	16.2



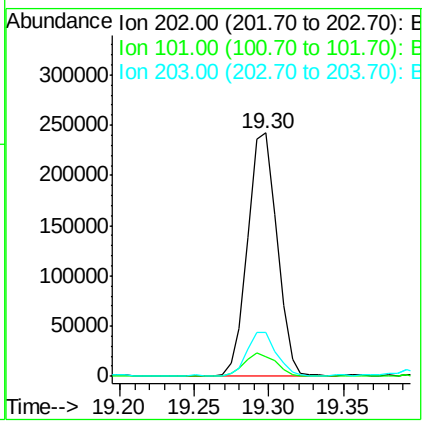


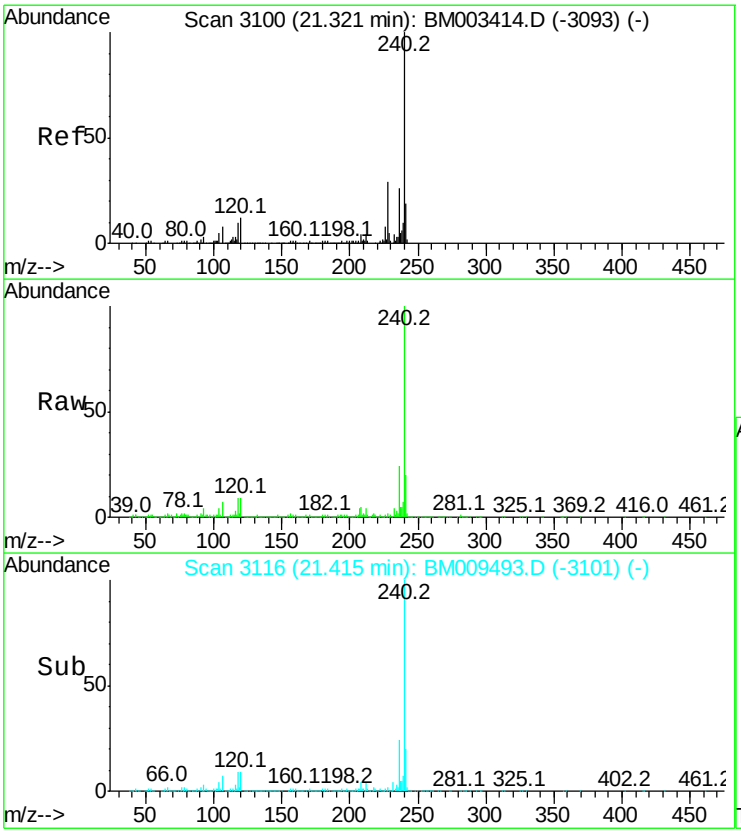
#74
Fluoranthene
Concen: 6.54 ng
RT: 19.30 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:202 Resp: 326999

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	28.7
203	17.8	0.0	37.2

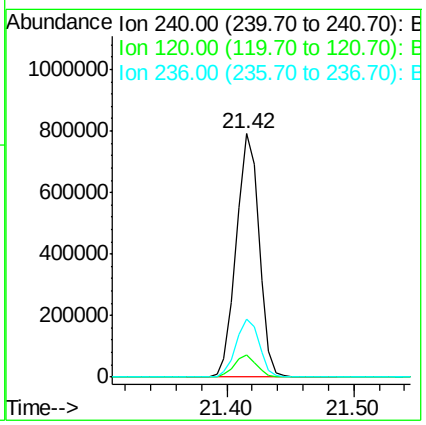


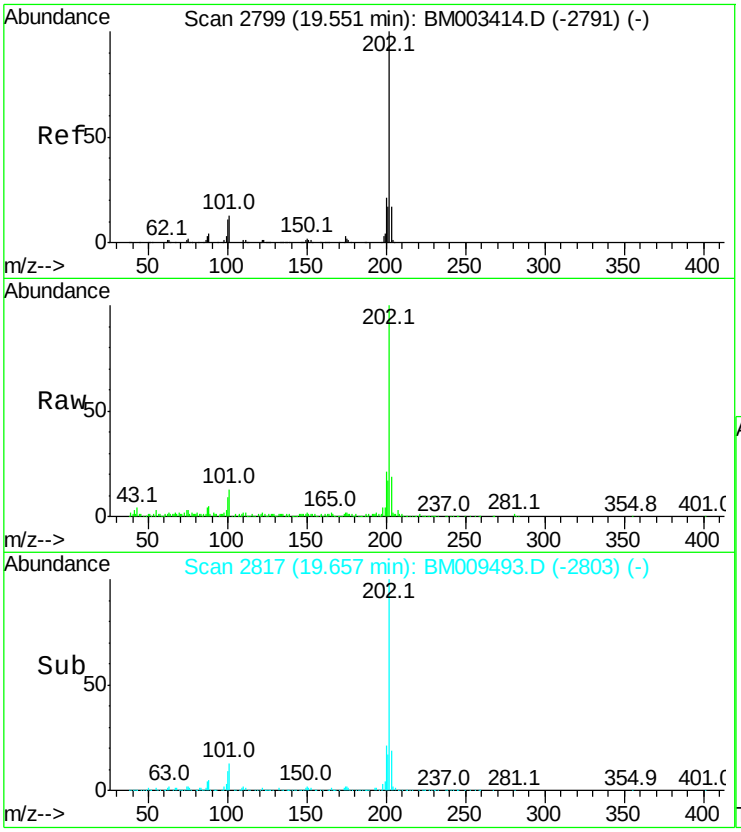


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Tgt Ion:240 Resp: 980493

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.2	12.2
236	23.9	20.0	30.0



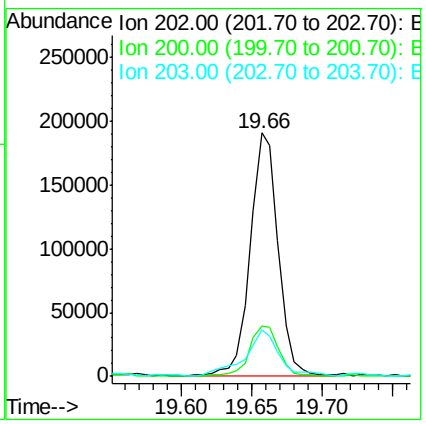


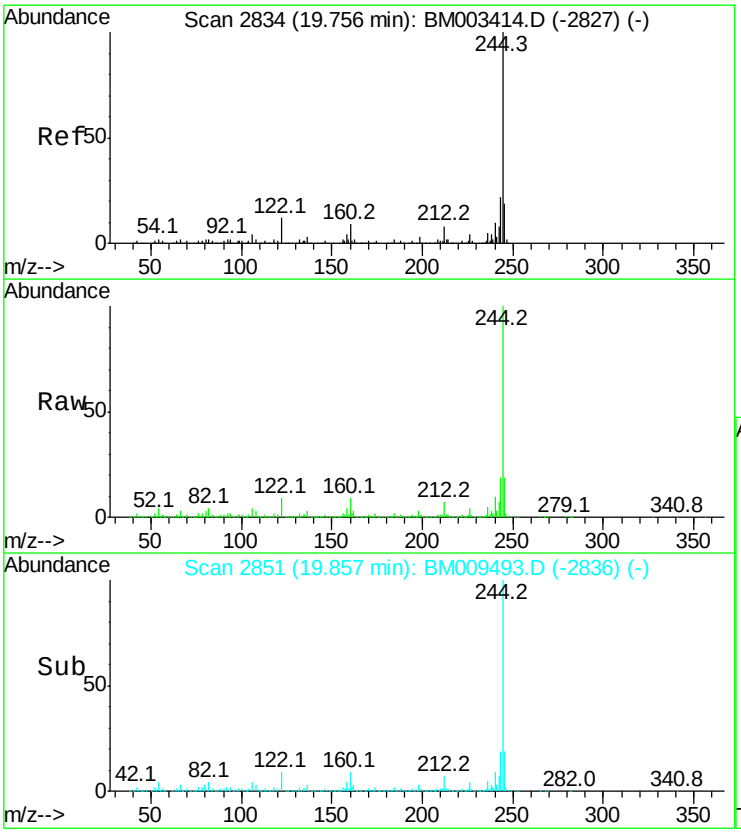
#77
Pyrene
Concen: 4.82 ng
RT: 19.66 min Scan# 2817
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:202 Resp: 267942

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	18.9	14.1	21.1

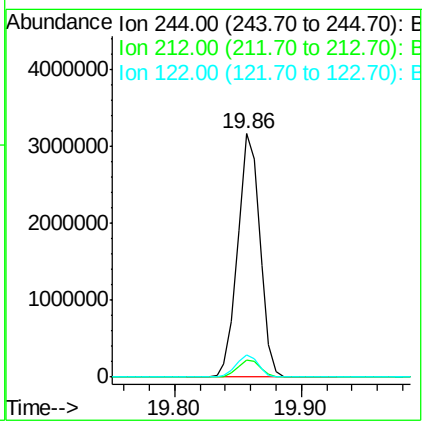


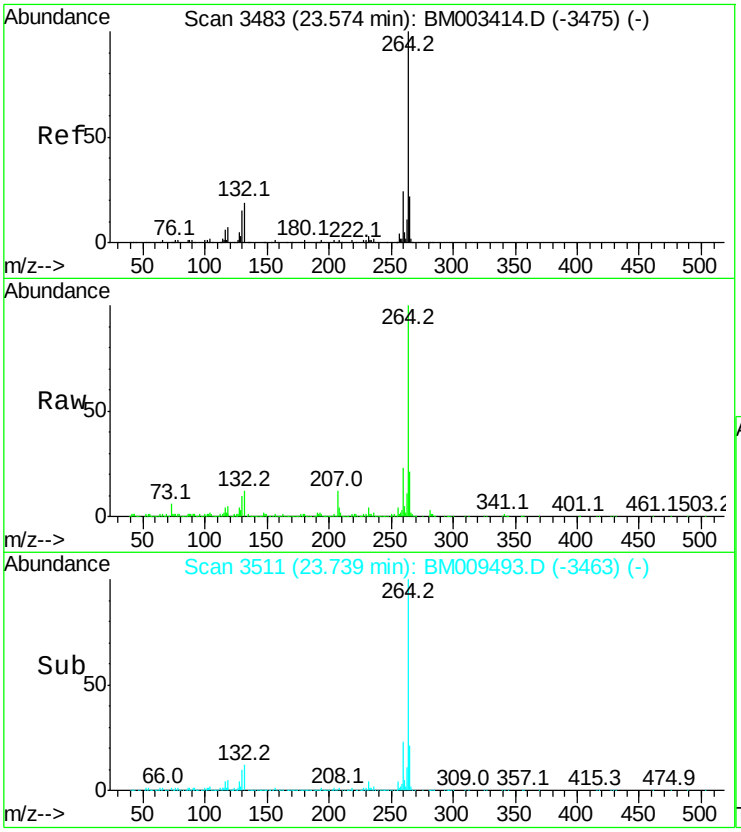


#78
Terphenyl-d14
Concen: 81.43 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Tgt Ion:244 Resp: 3820717

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	9.0	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009493.D
Acq: 01 Apr 2017 02:43

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:264 Resp: 932761

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	21.3	17.3	25.9