Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072618\
Data File : BM016085.D
Acq On : 26 Jul 2018 23:01
Operator : SJ/JU
Sample : J4160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 27 04:59:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	58751	20.00	ng		-0.03
21) Naphthalene-d8	11.02	136	227338	20.00	ng		-0.04
38) Acenaphthene-d10	14.83	164	132503	20.00	ng		-0.02
63) Phenanthrene-d10	17.56	188	297883	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	270964	20.00	ng		-0.02
86) Perylene-d12	24.04	264	217967	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	152450	43.10	ng		-0.02
7) Phenol-d6	7.36	99	128836	27.89	ng		-0.02
23) Nitrobenzene-d5	9.39	82	524458	107.30	ng		-0.02
41) 2,4,6-Tribromophenol	16.32	330	170655	101.55	ng		-0.02
44) 2-Fluorobiphenyl	13.46	172	1098451	100.87	ng		-0.02
78) Terphenyl-d14	20.14	244	1772916	136.96	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.39	94	3126	0.677	ng		89
15) Benzyl Alcohol	8.53	79	9256	2.517	ng	#	48
24) Nitrobenzene	9.39	77	2741	0.557	ng	#	41
45) 1,1'-Biphenyl	13.68	154	1154	0.097	ng		82
49) Dimethylphthalate	14.28	163	116386	10.037	ng		98
51) Acenaphthene	14.83	154	288	0.034	ng	#	5
59) Diethylphthalate	15.64	149	662	0.053	ng	#	58
73) Di-n-butylphthalate	18.49	149	698	0.033	ng	#	78
79) Butylbenzylphthalate	20.82	149	253	0.031	ng	#	28
80) Benzo(a)anthracene	21.68	228	765	0.046	ng	#	51
81) 3,3'-Dichlorobenzidine	21.62	252	107	0.016	ng	#	26
82) Chrysene	21.72	228	365	0.023	ng	#	50
83) Bis(2-ethylhexyl)phthalate	21.56	149	1334	0.112	ng	#	52
84) Di-n-octyl phthalate	22.46	149	280	0.014	ng	#	1
87) Benzo(b)fluoranthene	23.35	252	708	0.055	ng	#	1
88) Benzo(k)fluoranthene	23.39	252	1139	0.088	ng	#	1
89) Benzo(a)pyrene	23.94	252	152	0.012	ng	#	1

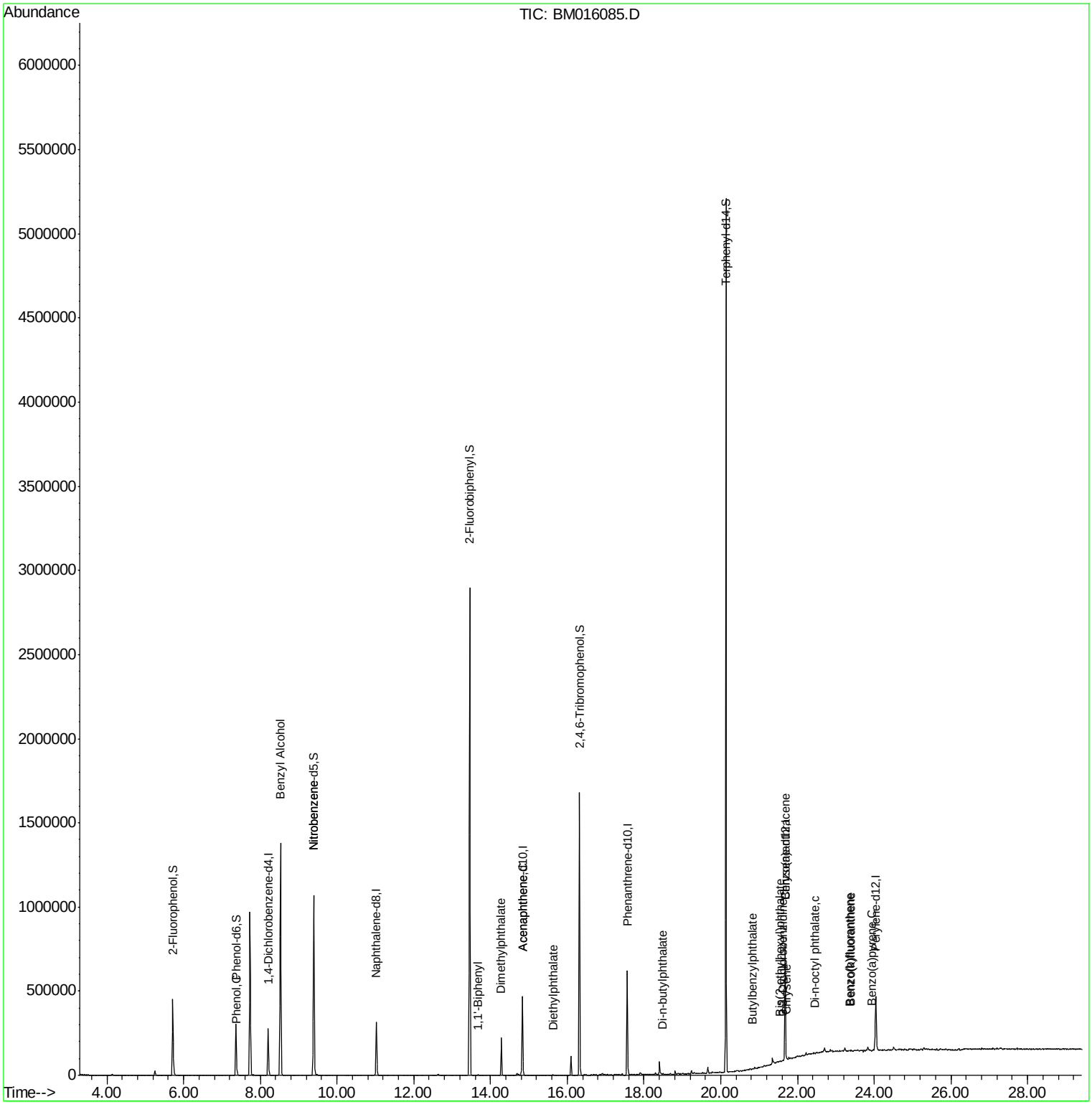
(#) = qualifier out of range (m) = manual integration (+) = signals summed

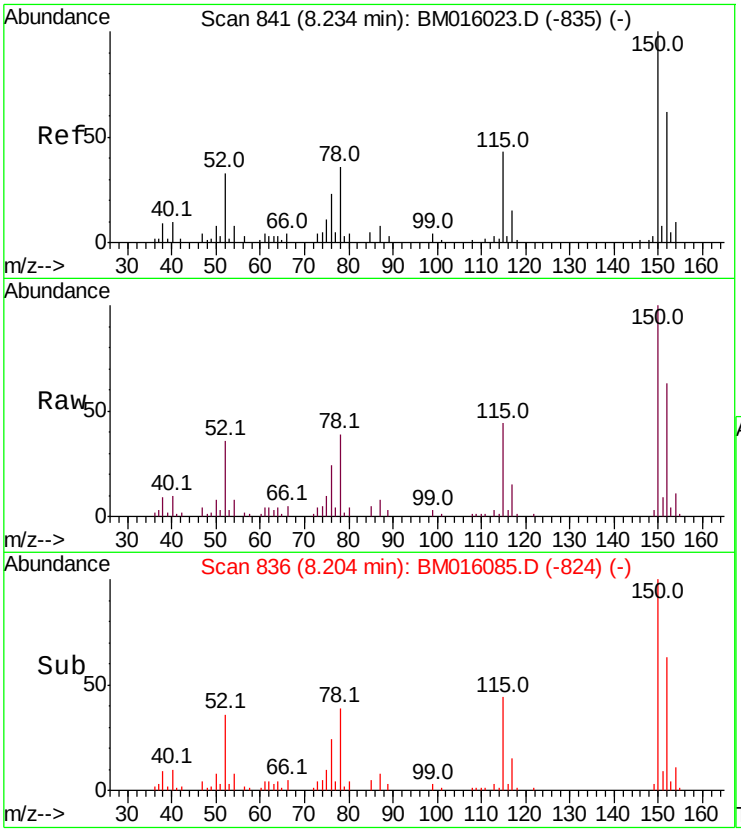
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072618\
Data File : BM016085.D
Acq On : 26 Jul 2018 23:01
Operator : SJ/JU
Sample : J4160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 27 04:59:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration



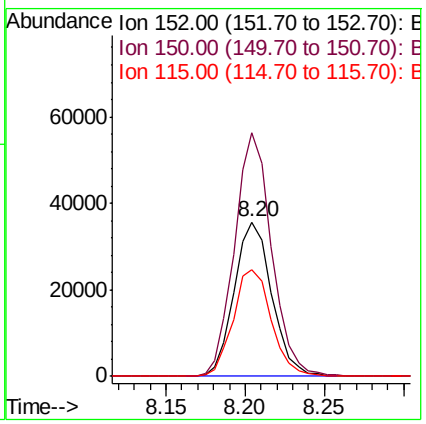


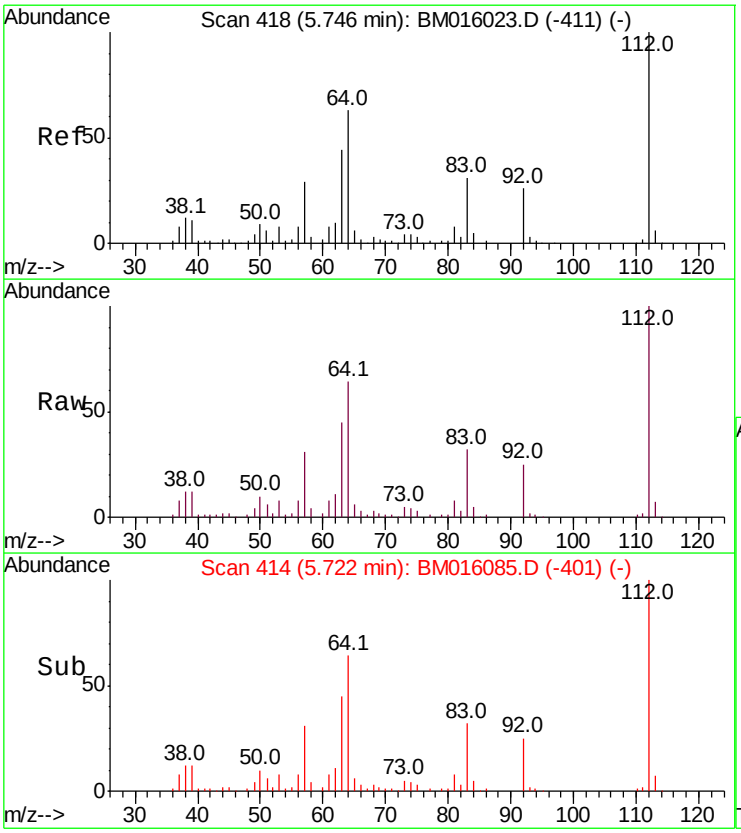
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.20 min Scan# 836
Delta R.T. -0.03 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 58751

Ion	Ratio	Lower	Upper
152	100		
150	157.8	119.5	179.3
115	69.6	43.0	64.4#

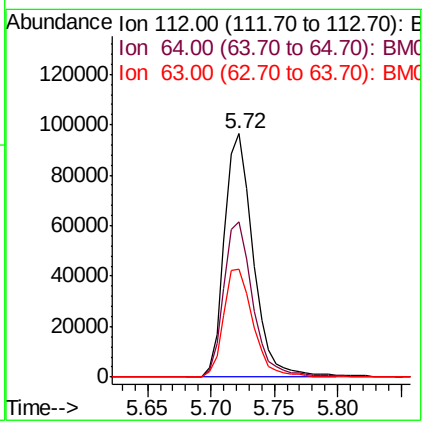


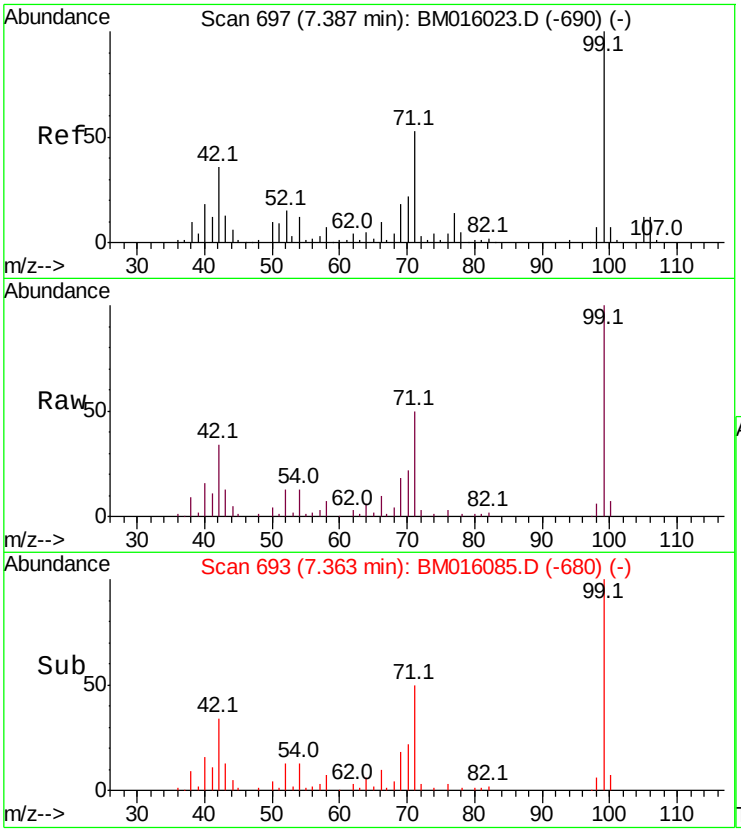


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.72 min Scan# 414
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion:112 Resp: 152450

Ion	Ratio	Lower	Upper
112	100		
64	63.6	38.6	57.8#
63	44.6	19.3	28.9#



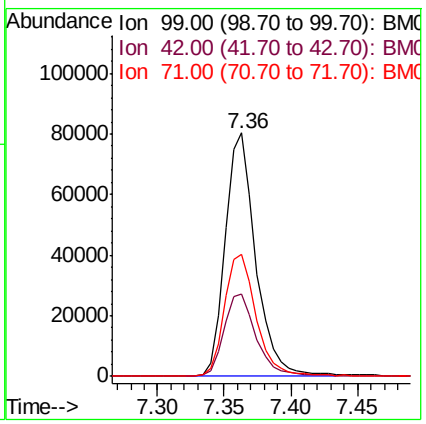


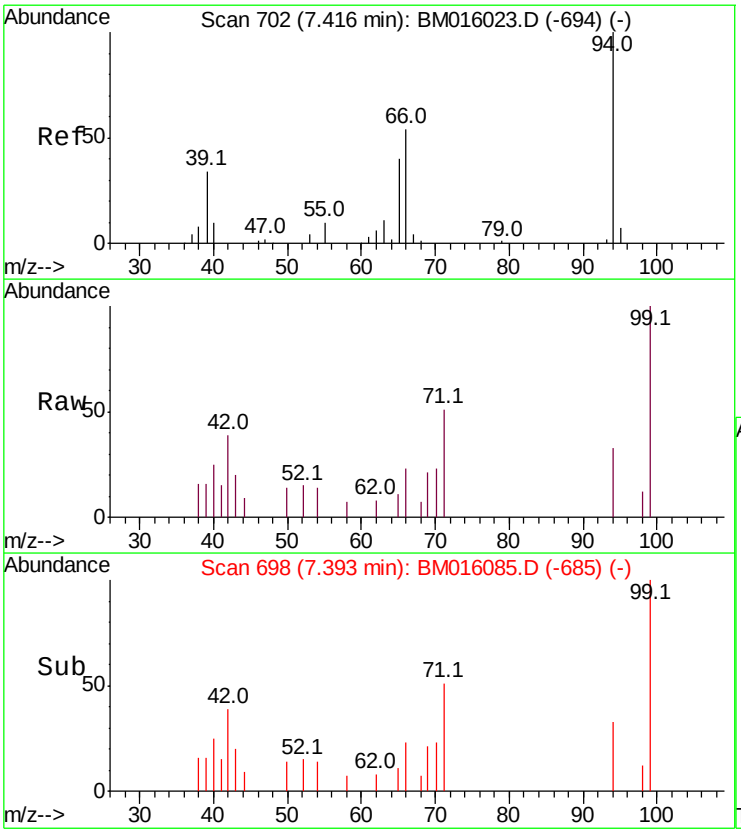
#7
Phenol-d6
Concen: N.D. ng
RT: 7.36 min Scan# 693
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 128836

Ion	Ratio	Lower	Upper
99	100		
42	33.6	11.0	16.4#
71	50.2	23.4	35.2#

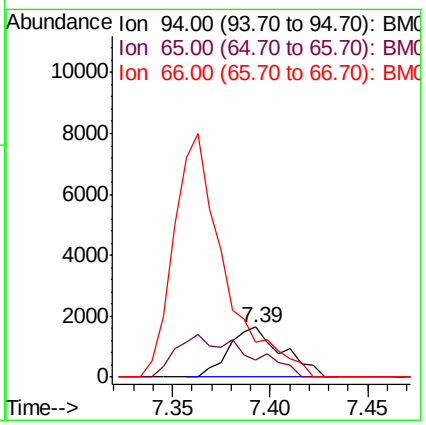


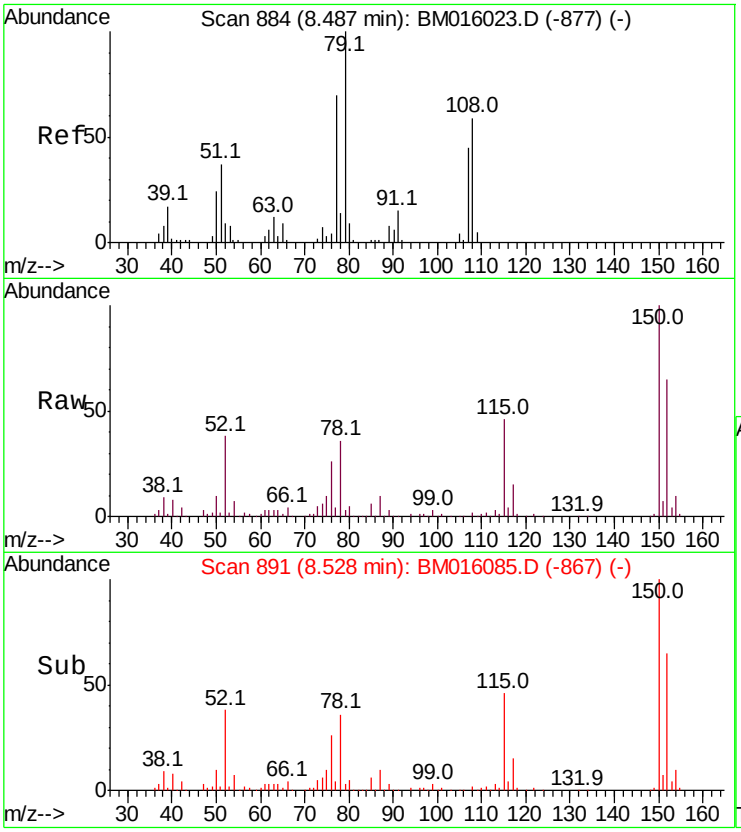


#10
Phenol
Concen: 0.677 ng
RT: 7.39 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion: 94 Resp: 3126

Ion	Ratio	Lower	Upper
94	100		
65	33.8	18.8	58.8
66	69.1	39.9	79.9



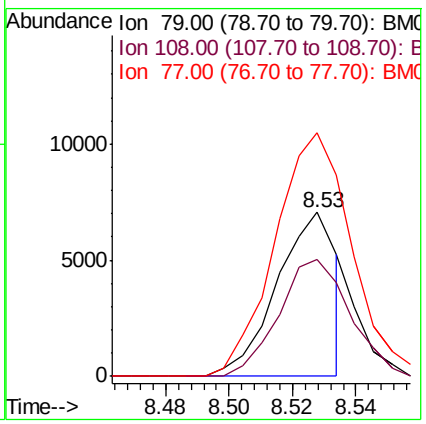


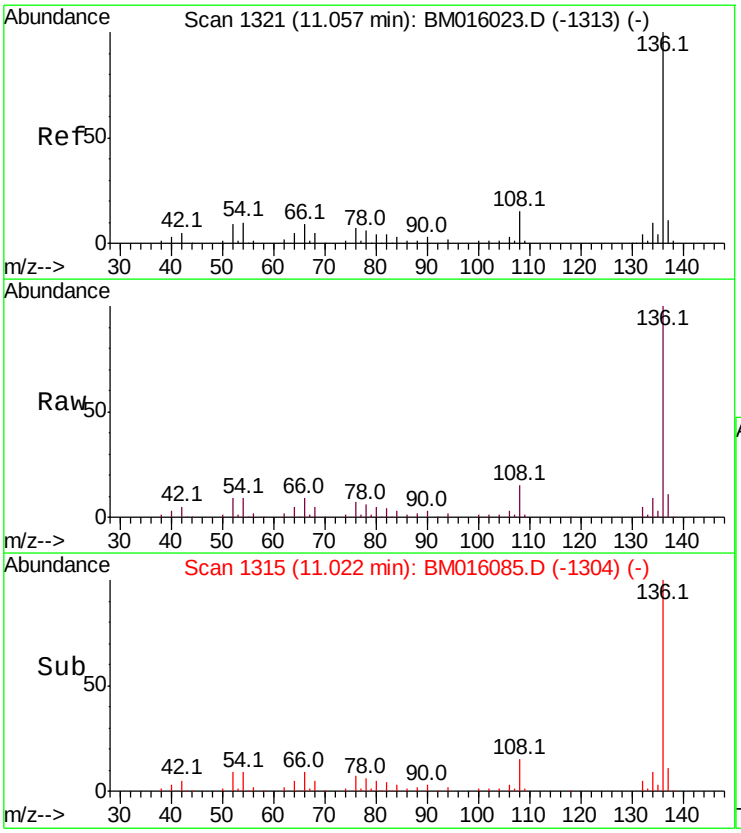
#15
Benzyl Alcohol
Concen: 2.517 ng
RT: 8.53 min Scan# 891
Delta R.T. 0.04 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 9256

Ion	Ratio	Lower	Upper
79	100		
108	71.3	65.0	97.4
77	148.3	53.0	79.6#

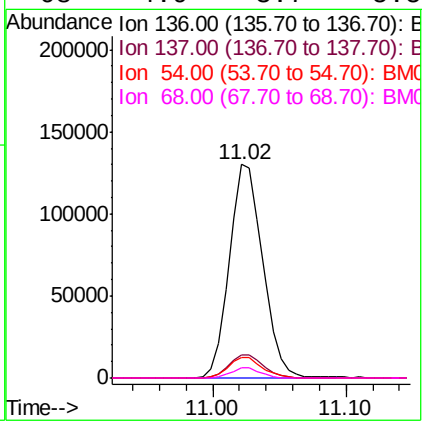


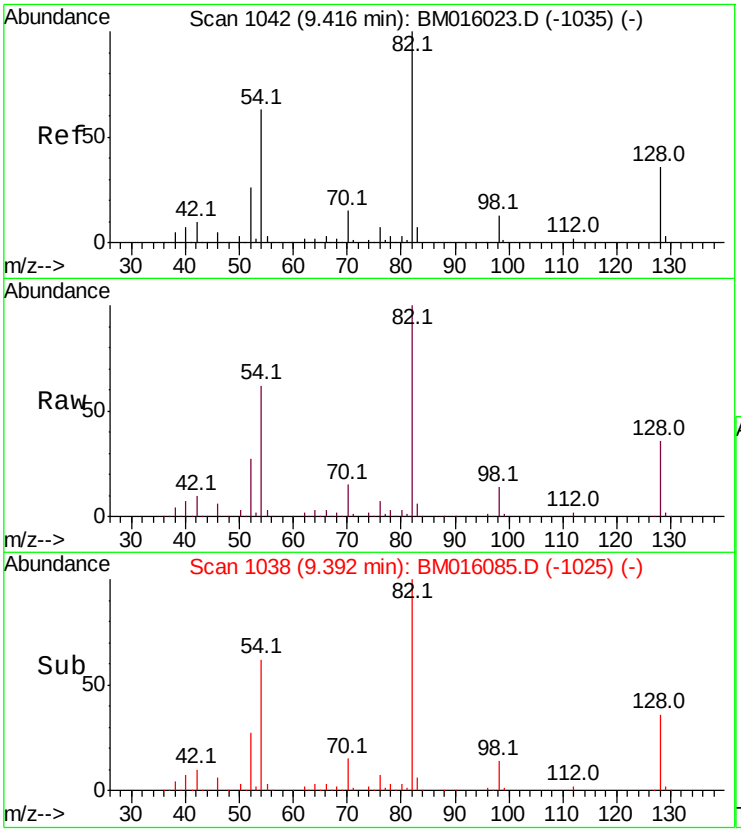


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.04 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion:136 Resp: 227338

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.4	4.6	6.8#
68	4.9	3.7	5.5



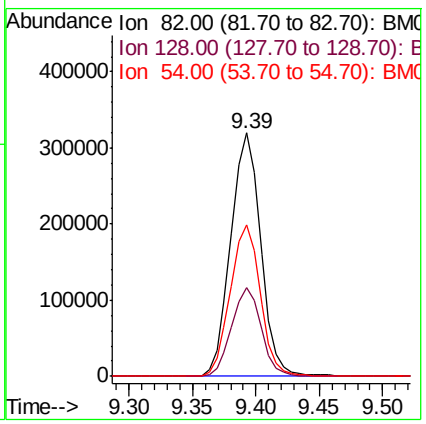


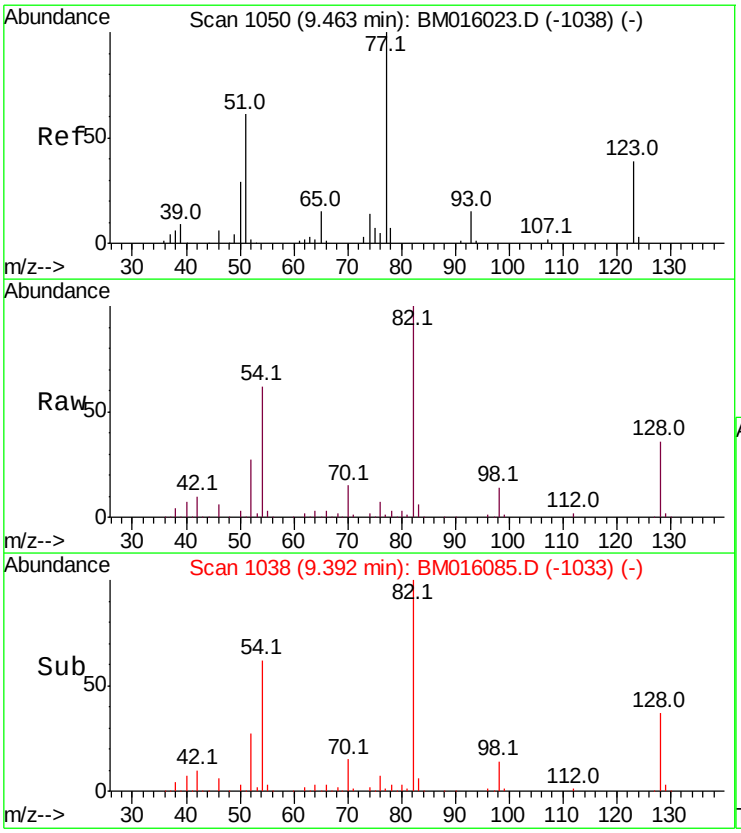
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 524458

Ion	Ratio	Lower	Upper
82	100		
128	36.5	32.8	49.2
54	62.0	40.6	60.8#

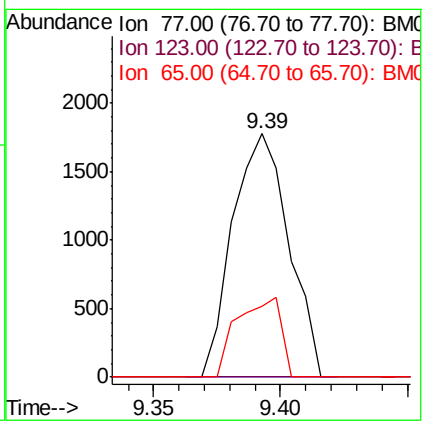


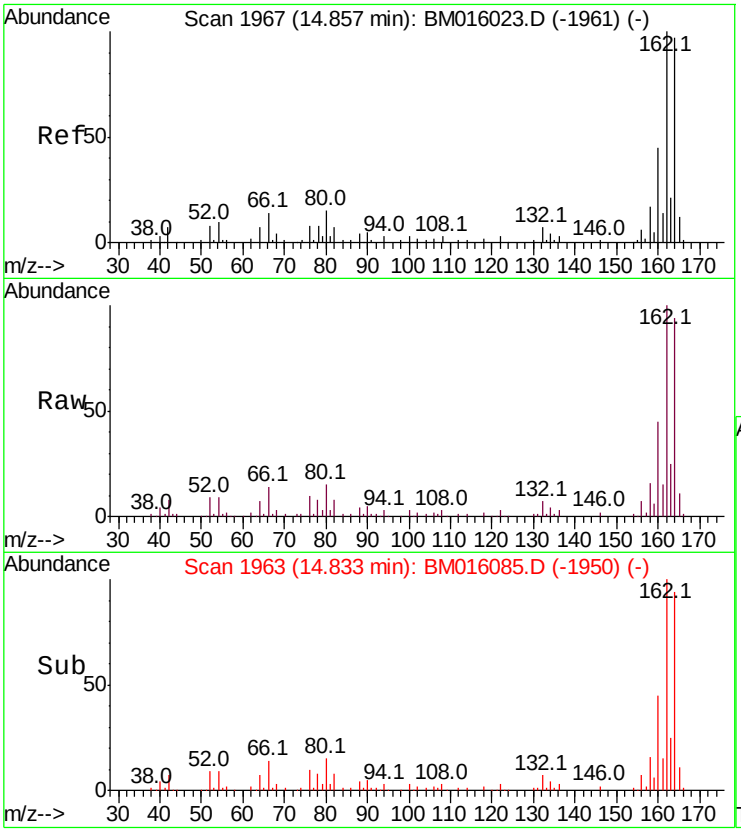


#24
Nitrobenzene
Concen: 0.557 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.07 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion: 77 Resp: 2741

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	29.2	10.9	16.3#



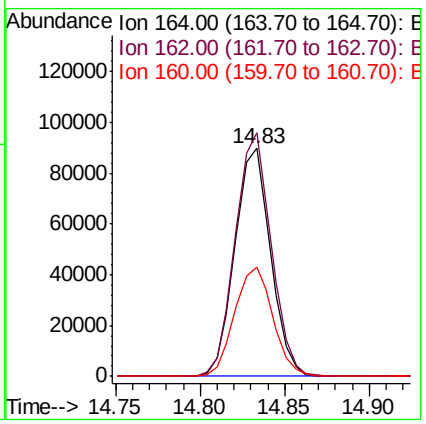


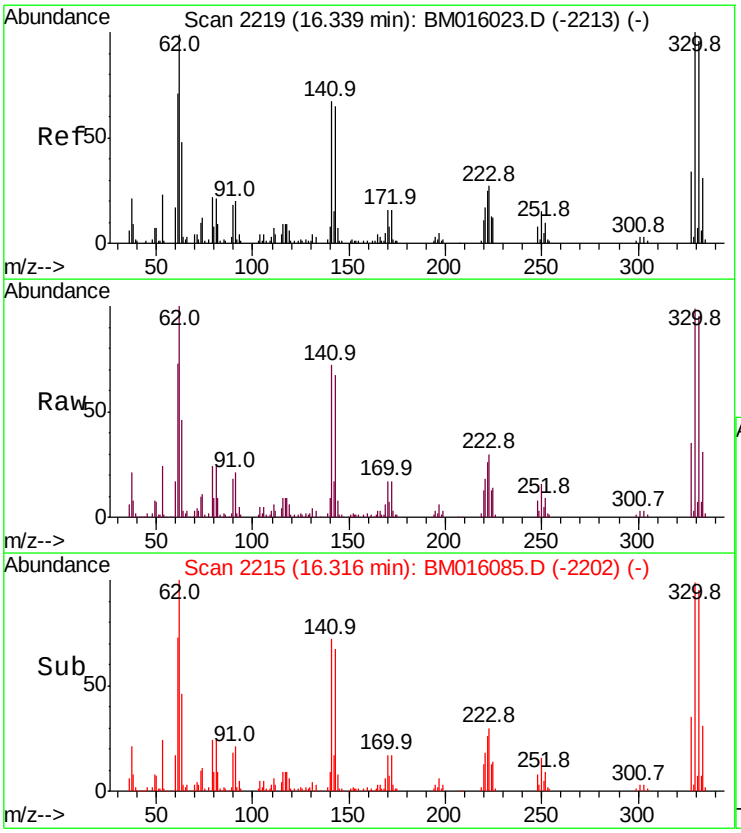
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.83 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 132503

Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.4	123.6
160	48.2	35.8	53.6

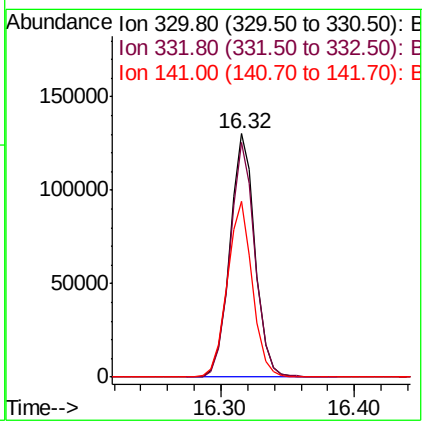


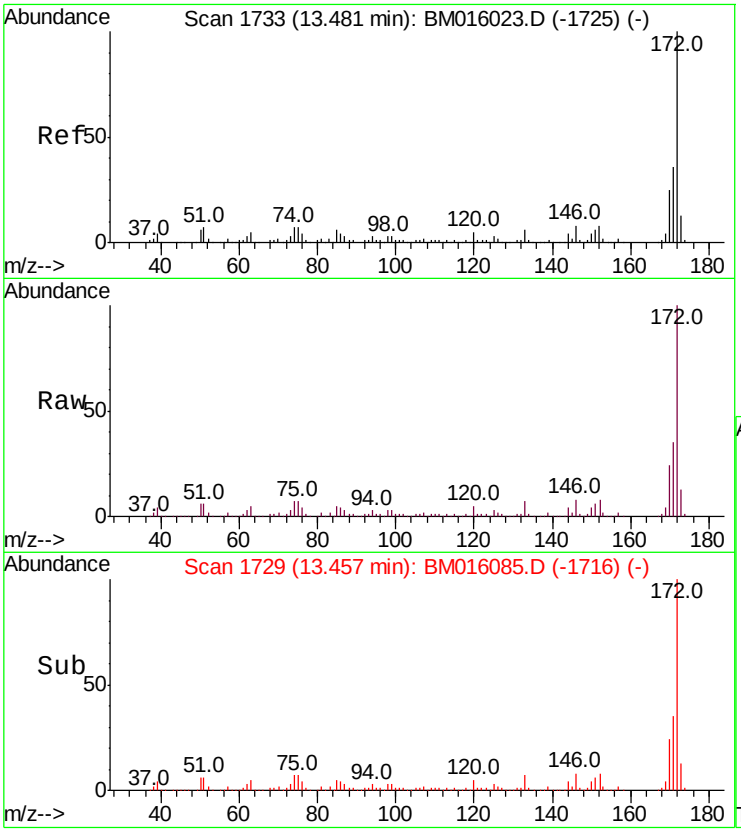


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.32 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion:330 Resp: 170655

Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	72.8	0.0	0.0#



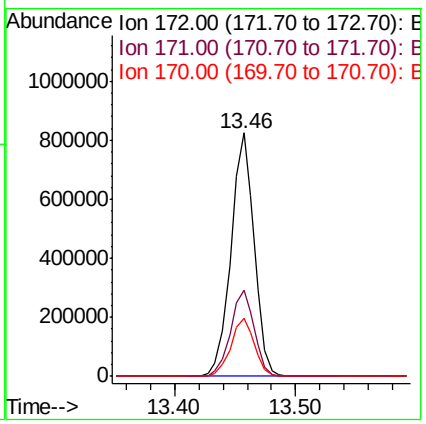


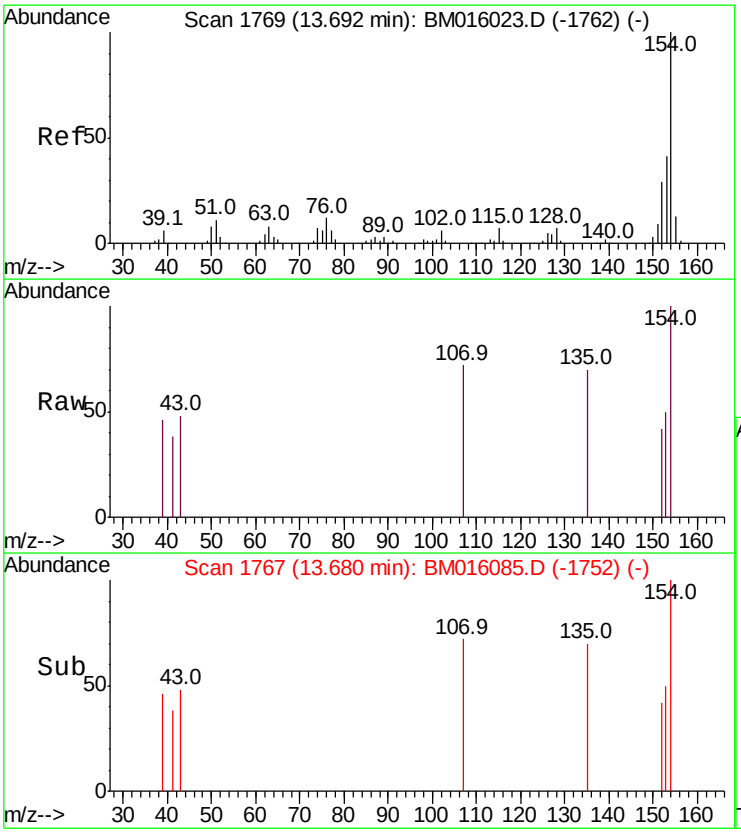
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.46 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 1098451

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.0	18.8	28.2

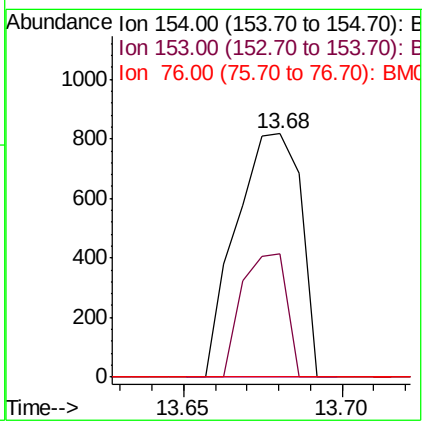


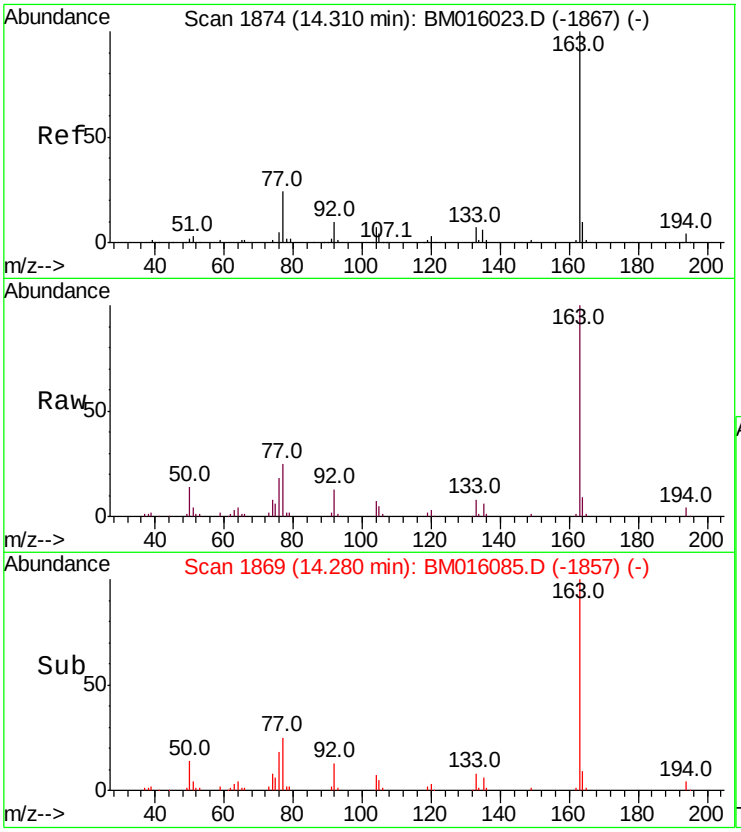


#45
1,1'-Biphenyl
Concen: 0.097 ng
RT: 13.68 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion:154 Resp: 1154

Ion	Ratio	Lower	Upper
154	100		
153	50.5	20.7	60.7
76	0.0	0.0	30.9



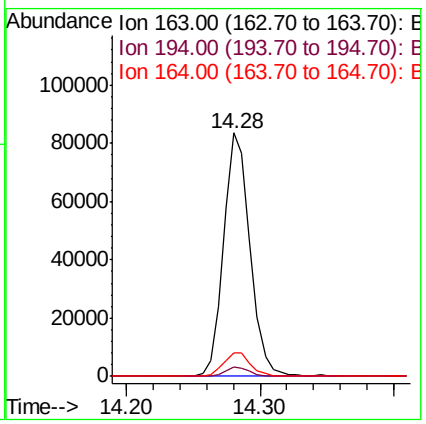


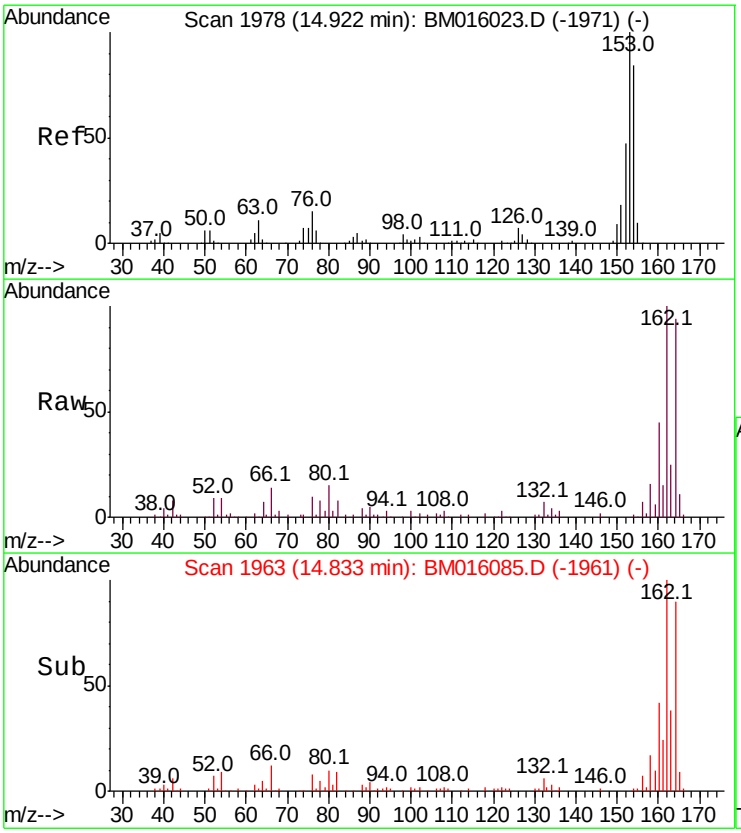
#49
Dimethylphthalate
Concen: 10.037 ng
RT: 14.28 min Scan# 1869
Delta R.T. -0.03 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 116386

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.4	8.2	12.2

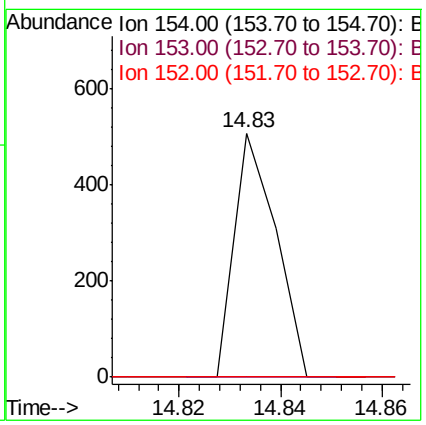


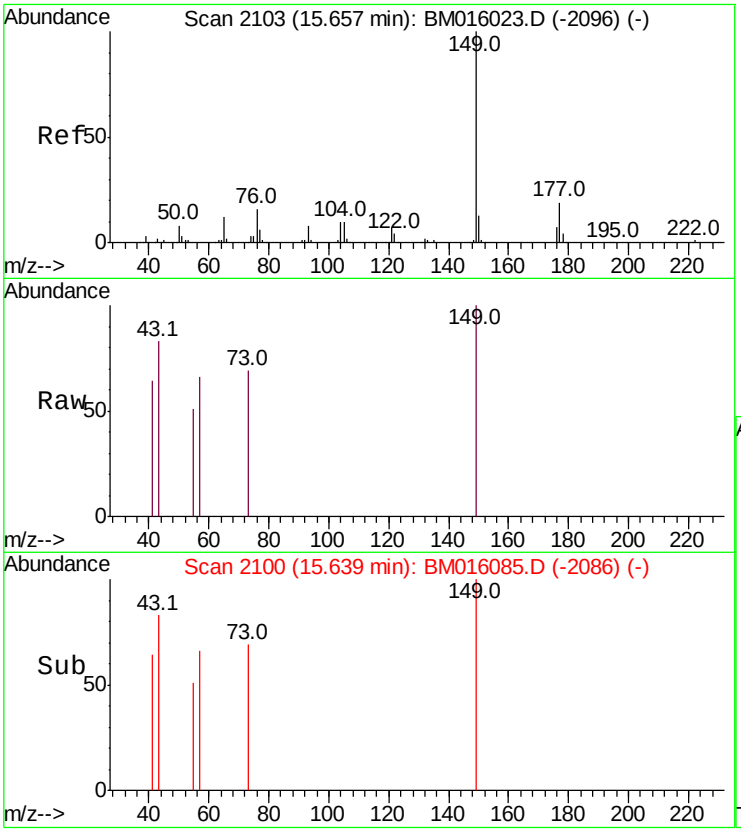


#51
Acenaphthene
Concen: 0.034 ng
RT: 14.83 min Scan# 1963
Delta R.T. -0.09 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion:154 Resp: 288

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.0	135.0#
152	0.0	42.6	63.8#



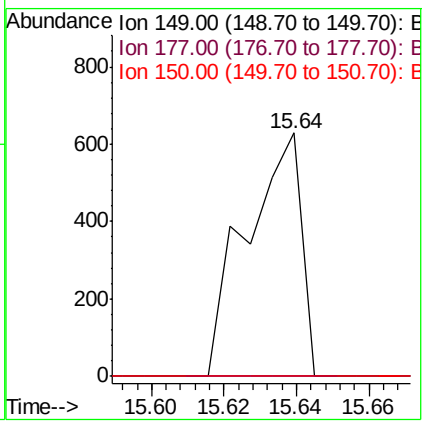


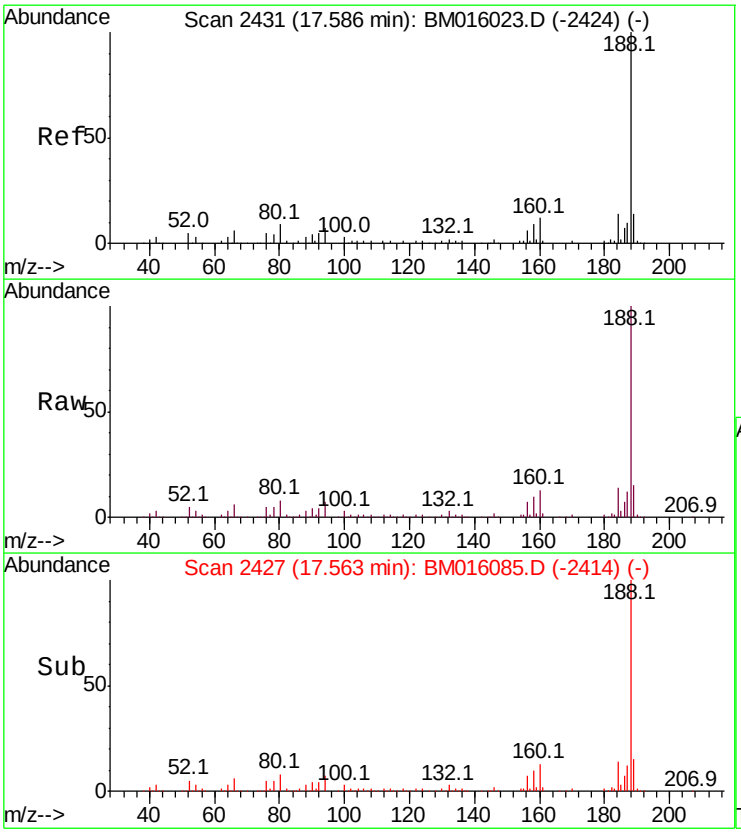
#59
Diethylphthalate
Concen: 0.053 ng
RT: 15.64 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 662

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	9.8	14.8#

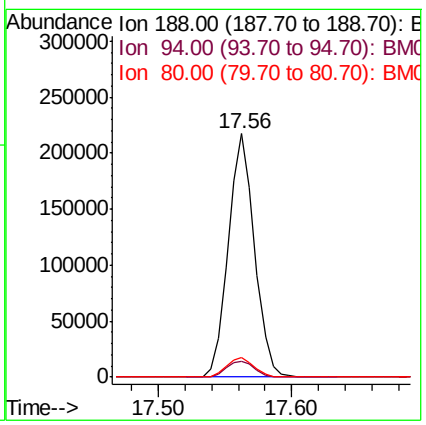


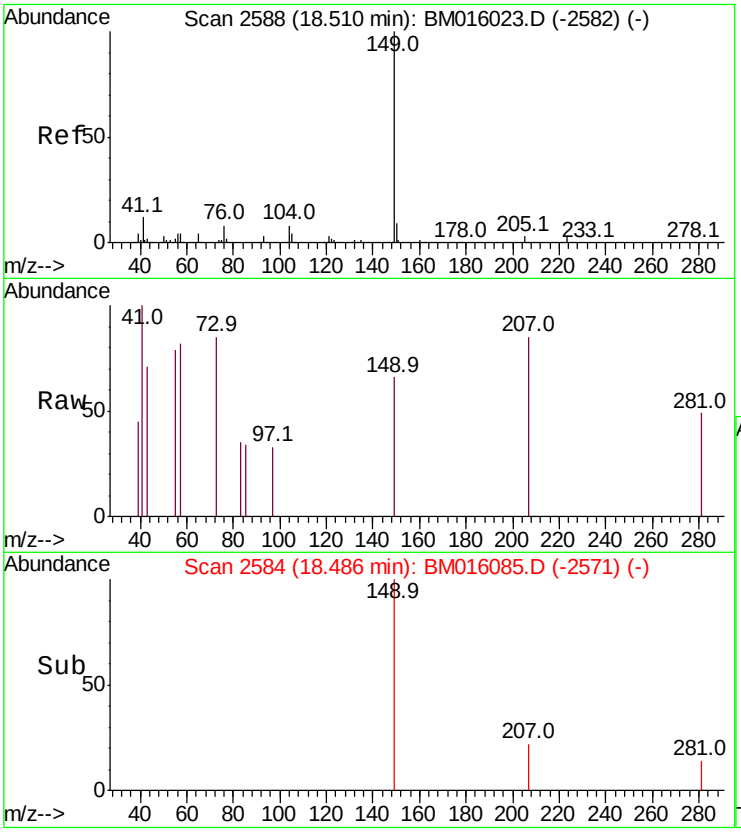


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.56 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion:188 Resp: 297883

Ion	Ratio	Lower	Upper
188	100		
94	6.6	8.7	13.1#
80	8.2	9.3	13.9#



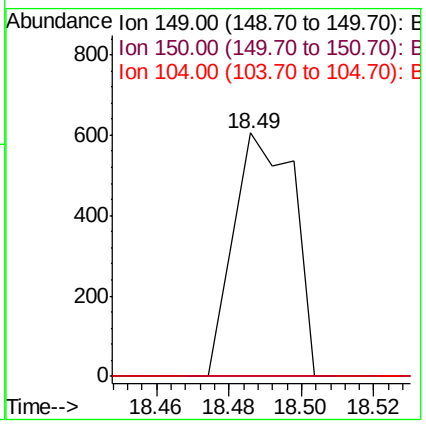


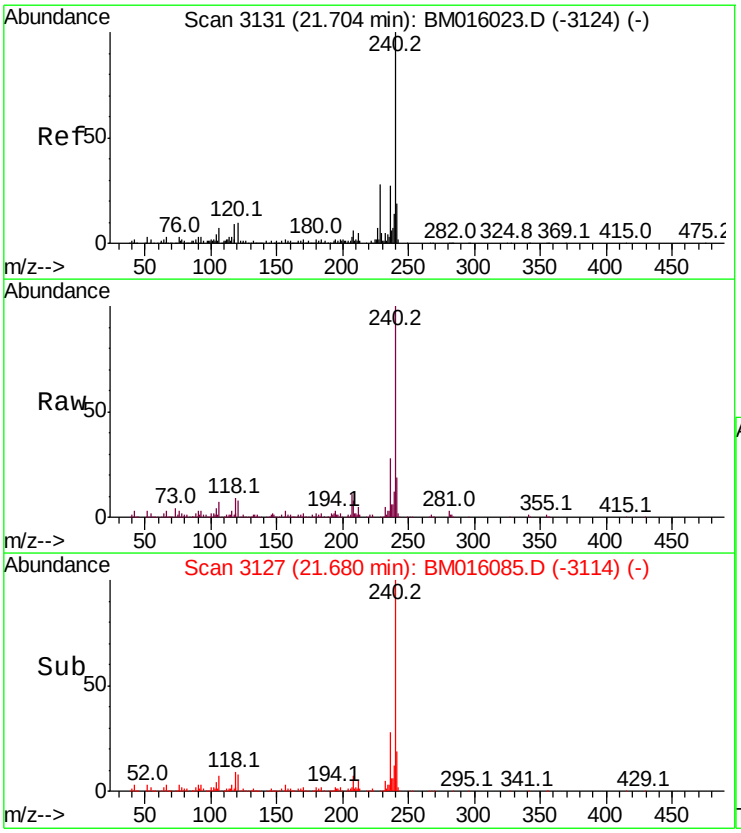
#73
Di-n-butylphthalate
Concen: 0.033 ng
RT: 18.49 min Scan# 2584
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 698

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	0.0	3.7	5.5#

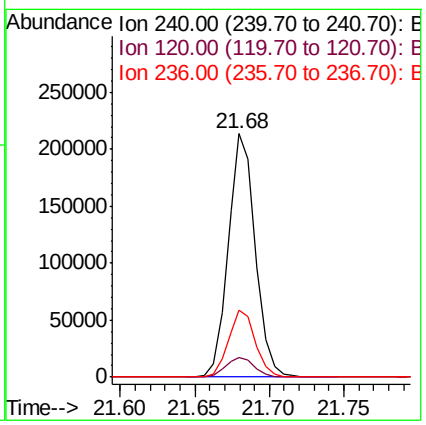


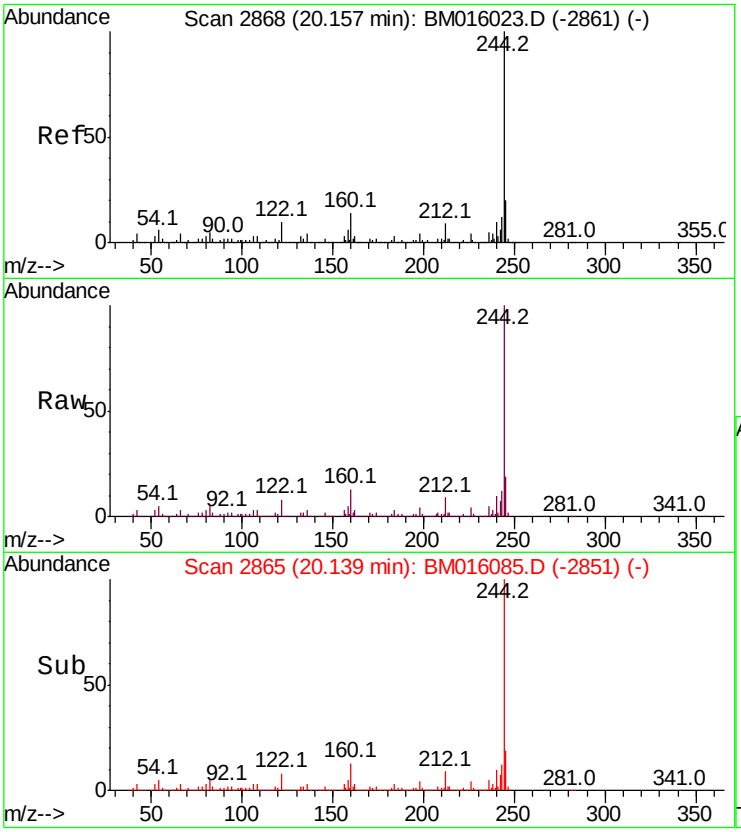


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion:240 Resp: 270964

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	27.7	20.0	30.0



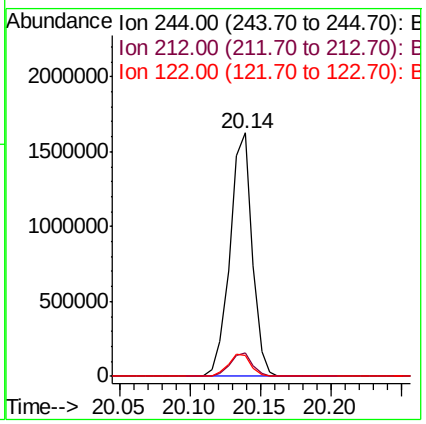


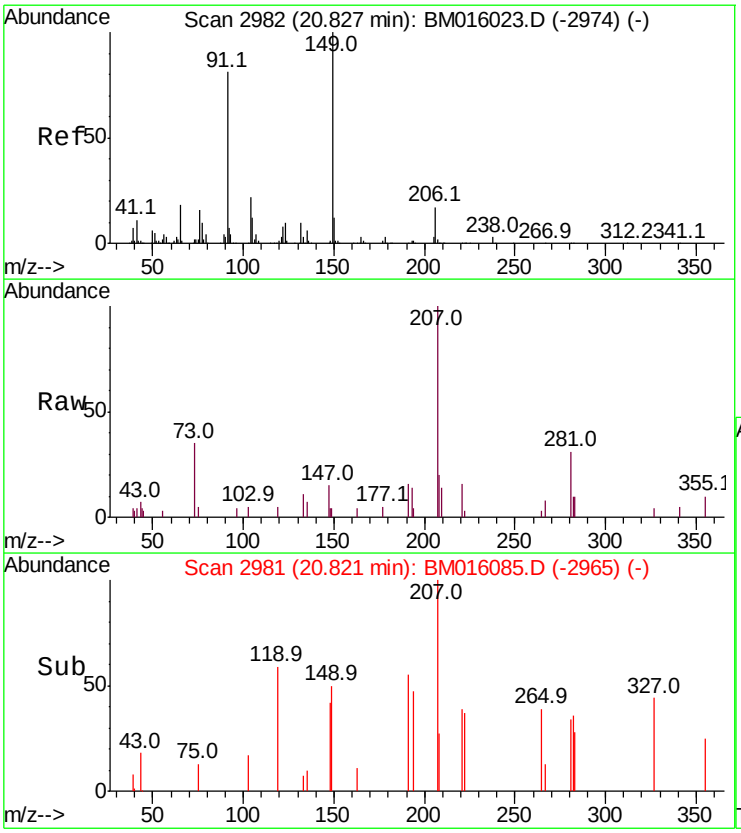
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.14 min Scan# 2865
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 1772916

Ion	Ratio	Lower	Upper
244	100		
212	9.4	4.9	7.3#
122	8.4	6.2	9.4

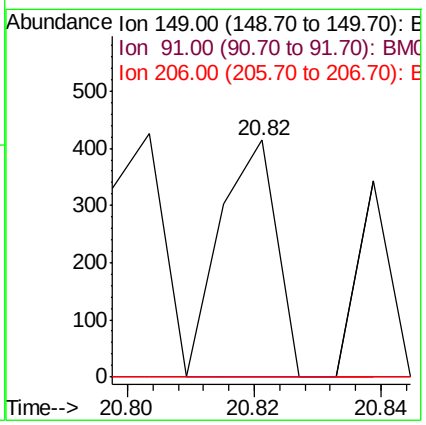


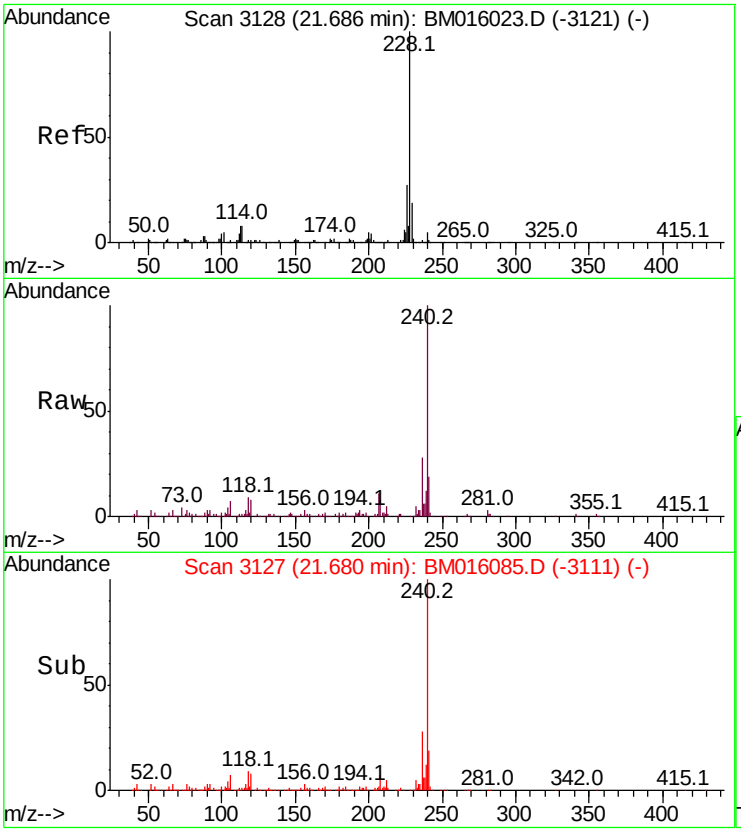


#79
Butylbenzylphthalate
Concen: 0.031 ng
RT: 20.82 min Scan# 2981
Delta R.T. -0.01 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion:149 Resp: 253

Ion	Ratio	Lower	Upper
149	100		
91	0.0	50.1	75.1#
206	0.0	16.2	24.2#



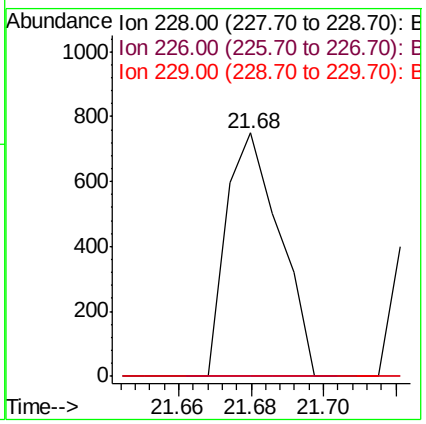


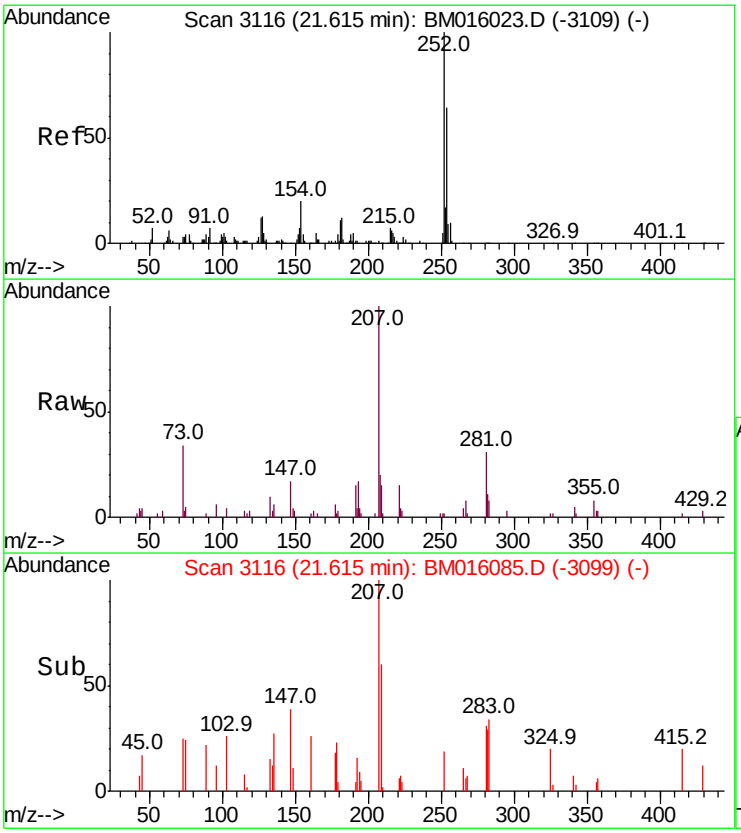
#80
Benzo(a)anthracene
Concen: 0.046 ng
RT: 21.68 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 765

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.7	32.5#
229	0.0	16.0	24.0#

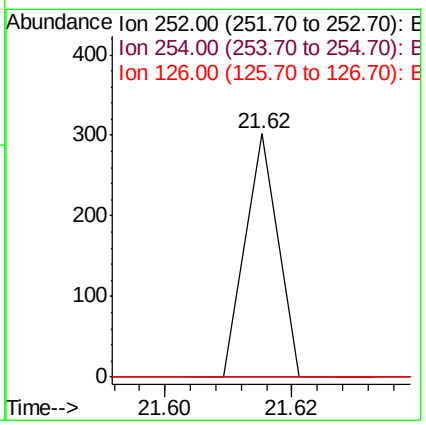


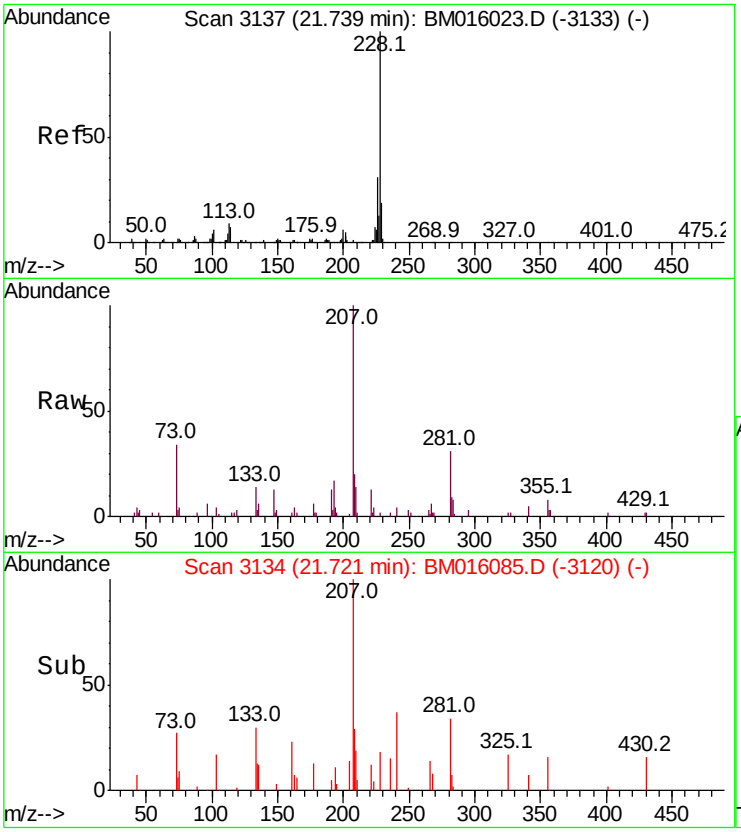


#81
3,3'-Dichlorobenzidine
Concen: 0.016 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion:252 Resp: 107

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.9	77.9#
126	0.0	9.8	14.8#



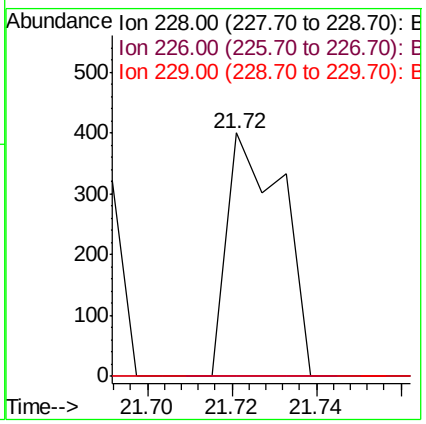


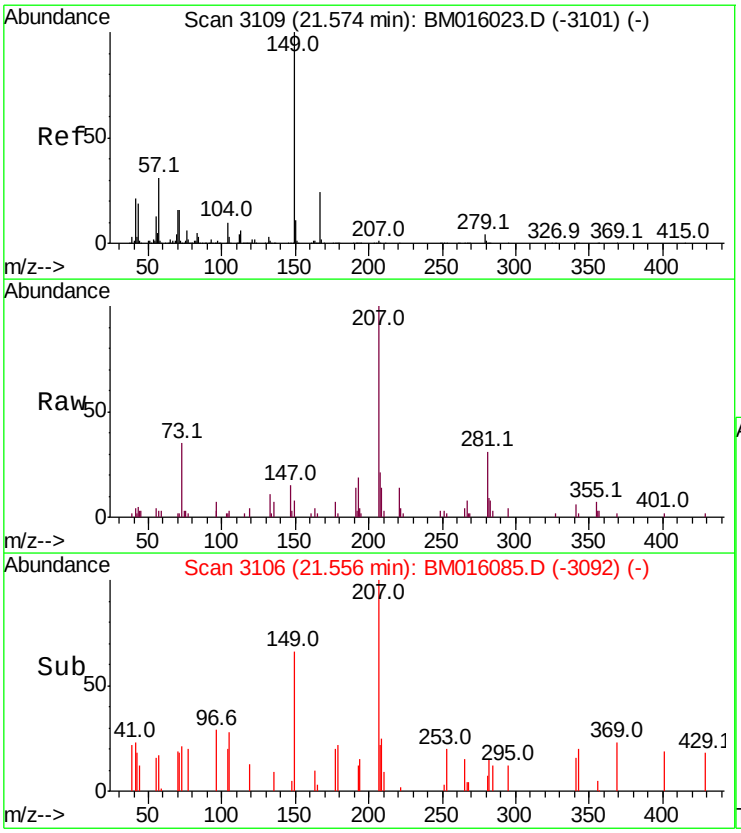
#82
Chrysene
Concen: 0.023 ng
RT: 21.72 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 365

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.1	36.1#
229	0.0	15.5	23.3#

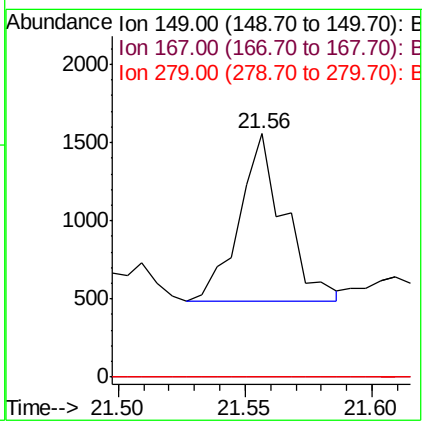


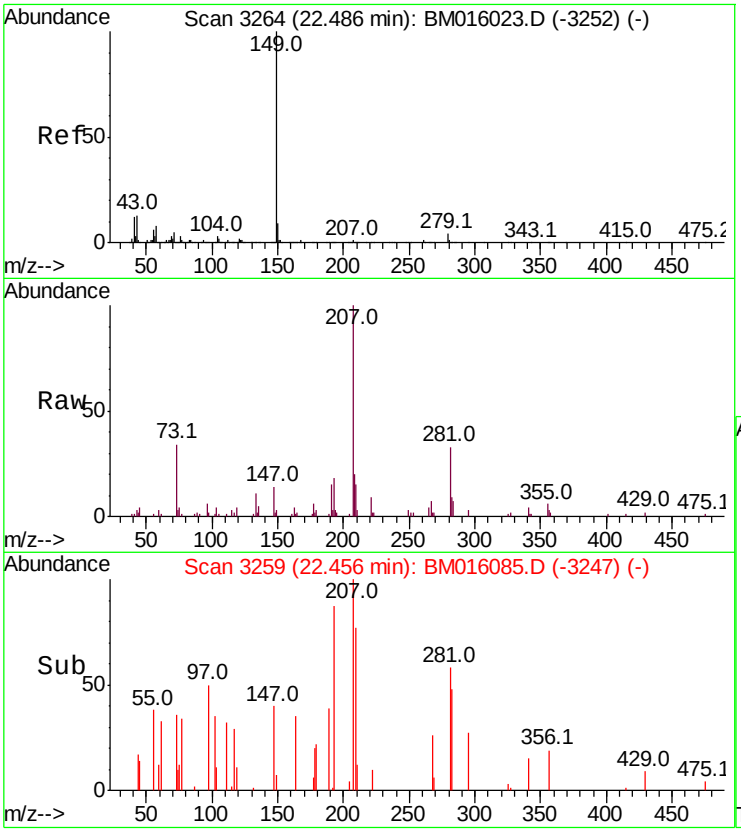


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.112 ng
RT: 21.56 min Scan# 3106
Delta R.T. -0.02 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion:149 Resp: 1334

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.4	33.6#
279	0.0	3.4	5.0#



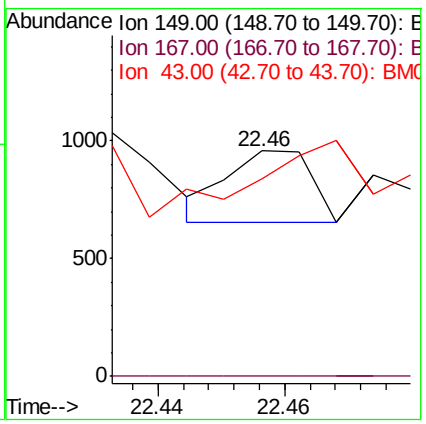


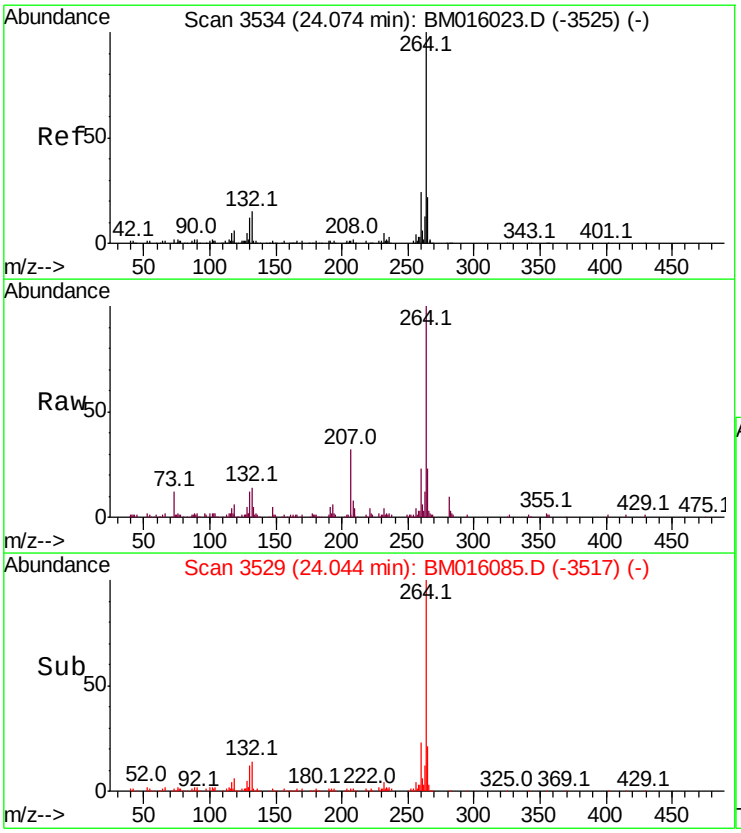
#84
Di-n-octyl phthalate
Concen: 0.014 ng
RT: 22.46 min Scan# 3259
Delta R.T. -0.03 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 280

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	81.4	7.3	10.9#

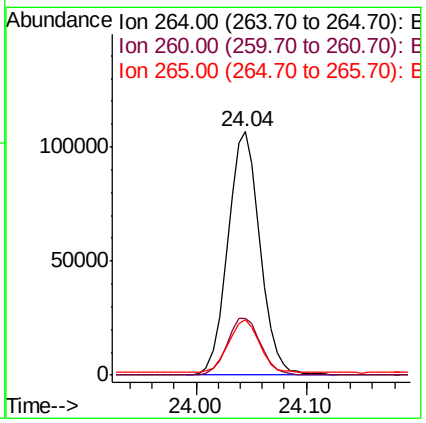


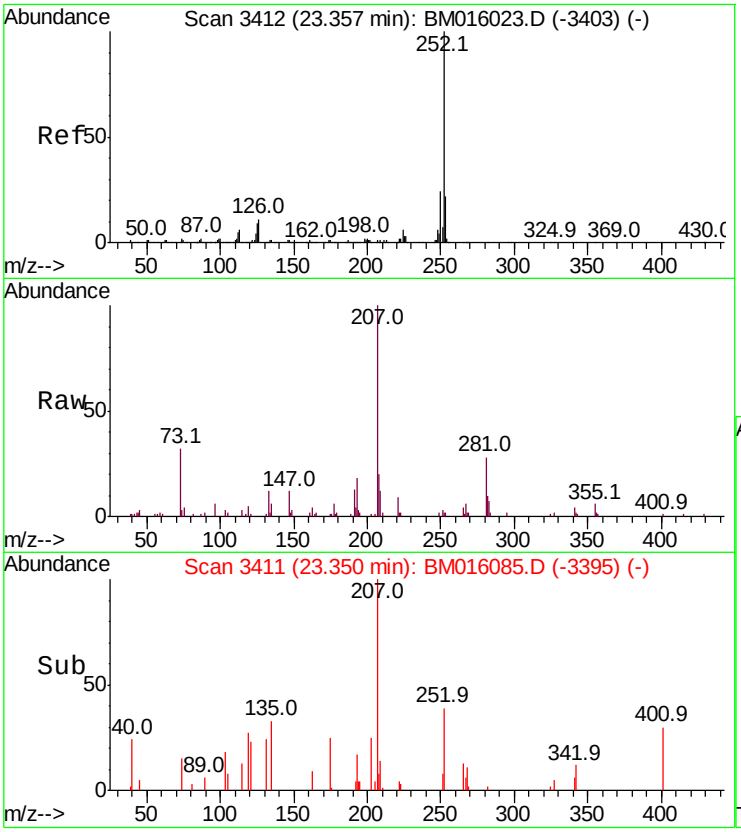


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.04 min Scan# 3529
Delta R.T. -0.03 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion:264 Resp: 217967

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.6	17.3	25.9



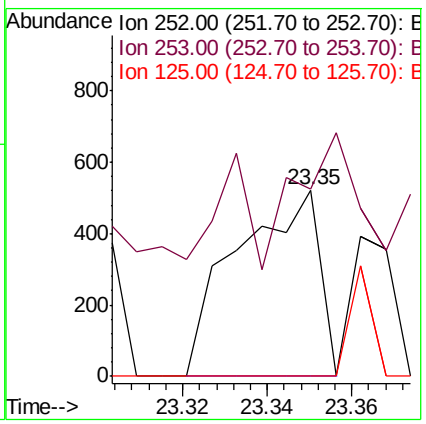


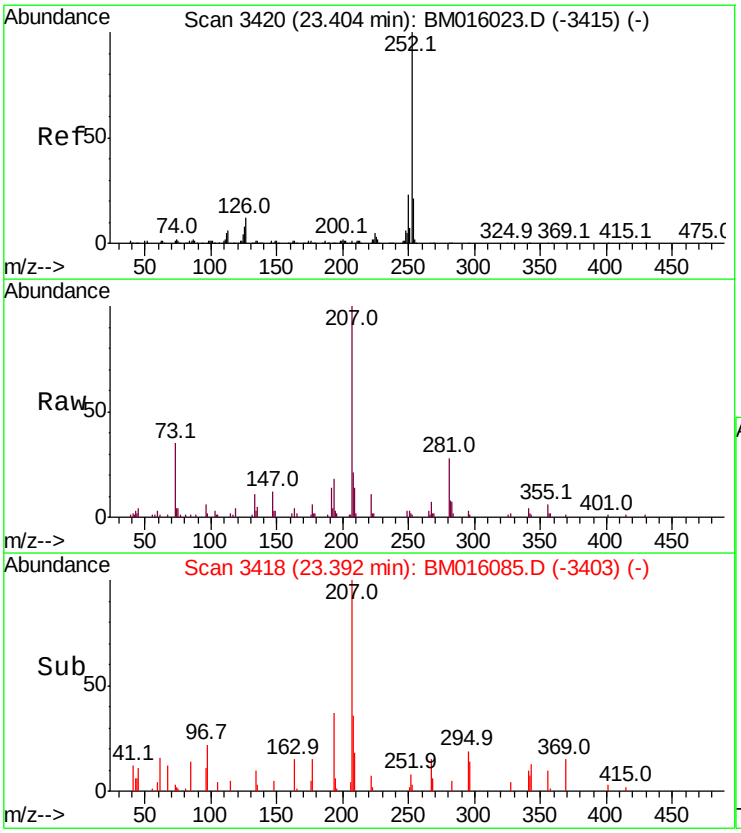
#87
Benzo(b)fluoranthene
Concen: 0.055 ng
RT: 23.35 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 708

Ion	Ratio	Lower	Upper
252	100		
253	100.6	18.0	27.0#
125	0.0	9.9	14.9#

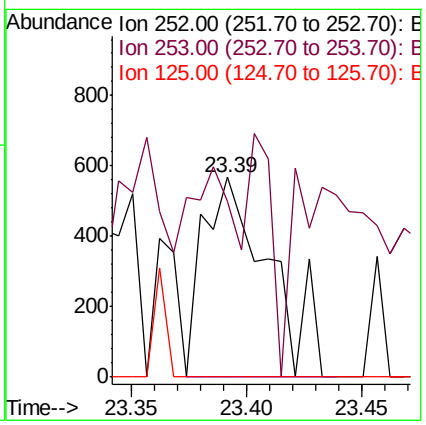


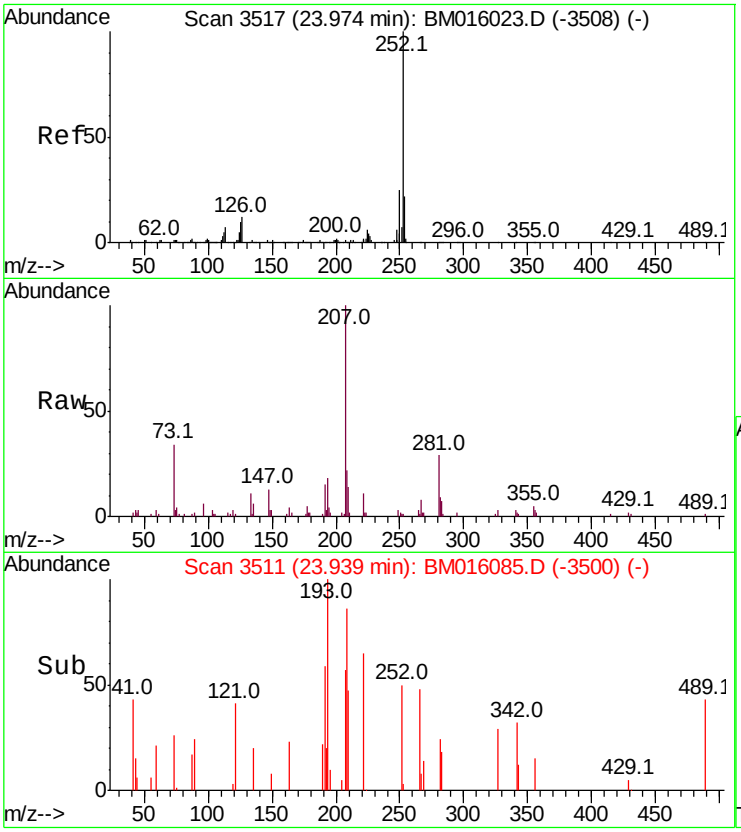


#88
Benzo(k)fluoranthene
Concen: 0.088 ng
RT: 23.39 min Scan# 3418
Delta R.T. -0.01 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Tgt Ion:252 Resp: 1139

Ion	Ratio	Lower	Upper
252	100		
253	88.0	17.2	25.8#
125	0.0	8.1	12.1#





#89
Benzo(a)pyrene
Concen: 0.012 ng
RT: 23.94 min Scan# 3511
Delta R.T. -0.04 min
Lab File: BM016085.D
Acq: 26 Jul 2018 23:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 152

Ion	Ratio	Lower	Upper
252	100		
253	114.6	17.6	26.4#
125	0.0	7.4	11.2#