Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
Data File : BM010940.D
Acq On : 21 Jul 2017 17:47
Operator : SJ/JU
Sample : I4280-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-071817-A

Quant Time: Jul 21 23:24:16 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	271964	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	1030557	20.00	ng	-0.02
38) Acenaphthene-d10	14.08	164	670390	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1850677	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	2198080	20.00	ng	-0.02
86) Perylene-d12	23.17	264	1075915	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	2123172	129.32	ng	-0.01
7) Phenol-d6	6.62	99	2624242	115.94	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2394003	89.29	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1660847	162.12	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4721719	87.62	ng	-0.02
78) Terphenyl-d14	19.50	244	9496258	83.56	ng	-0.01
Target Compounds						Qvalue
73) Di-n-butylphthalate	17.83	149	308399	3.097	ng	# 95

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

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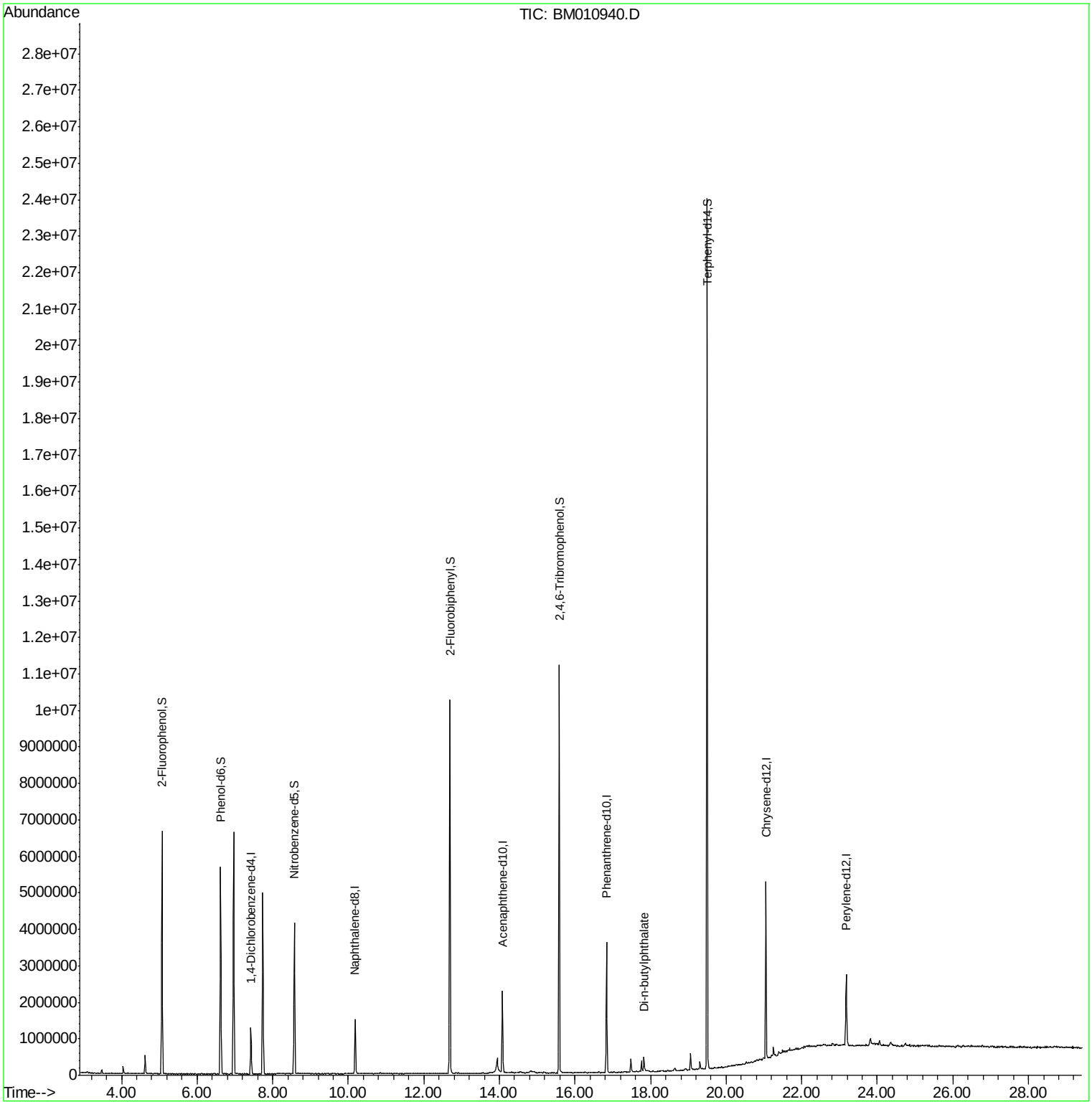
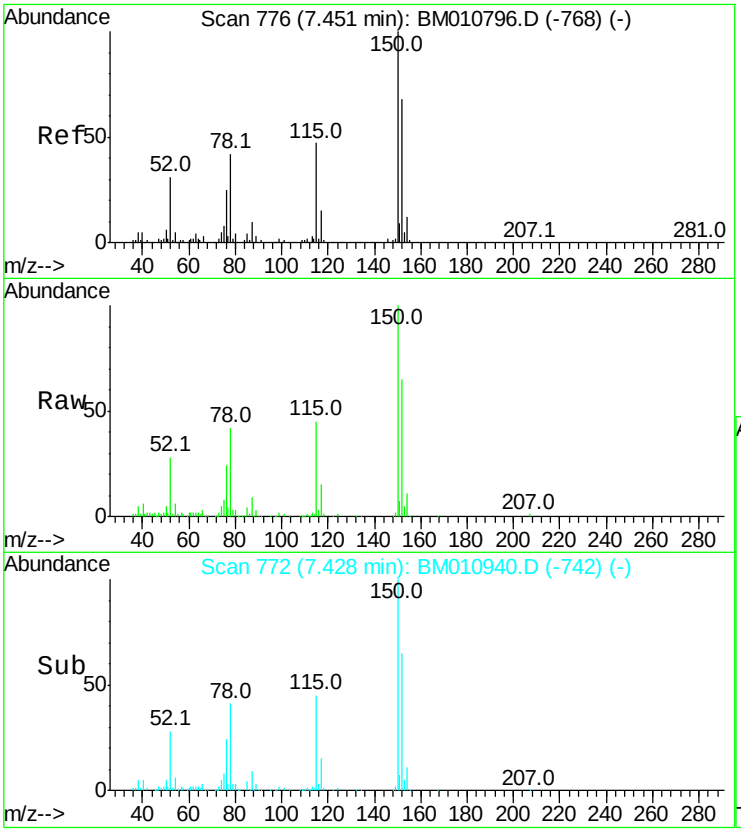


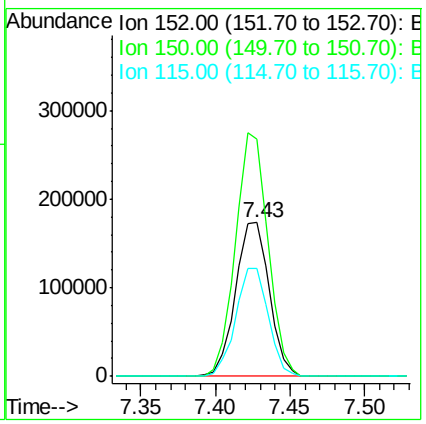


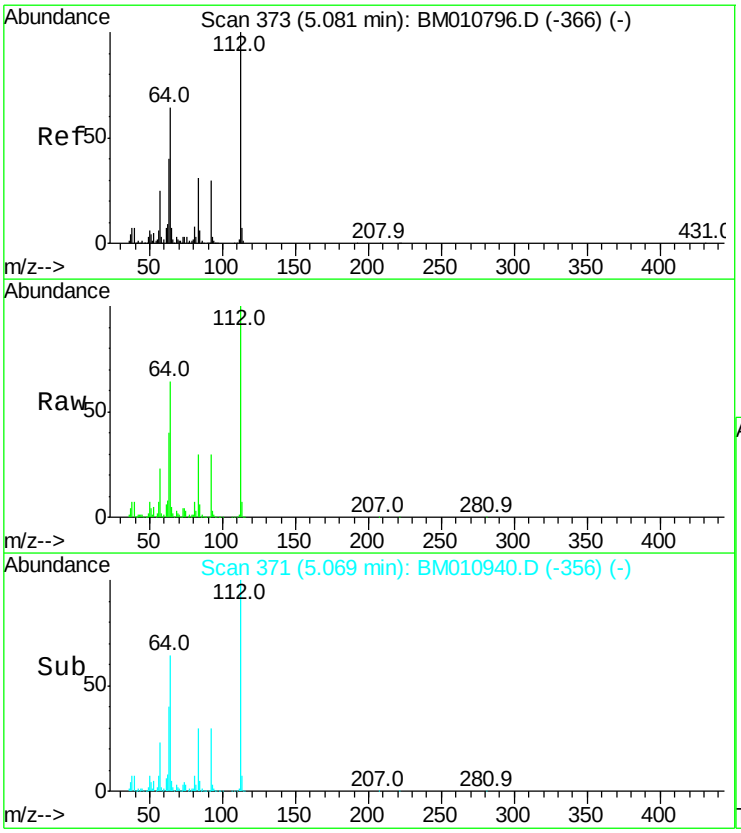
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM010940.D
Acq: 21 Jul 2017 17:47

Instrument :
BNA_M
ClientSampleId :
CL-01-071817-A

Tgt Ion:152 Resp: 271964

Ion	Ratio	Lower	Upper
152	100		
150	154.0	119.5	179.3
115	70.0	43.0	64.4#

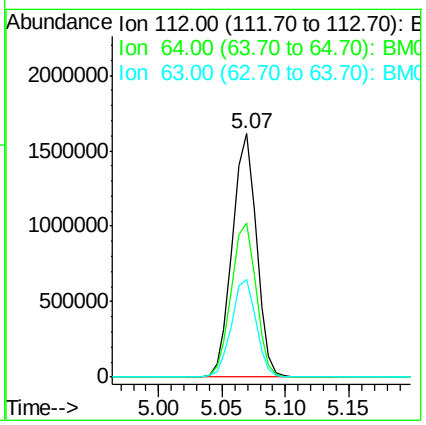


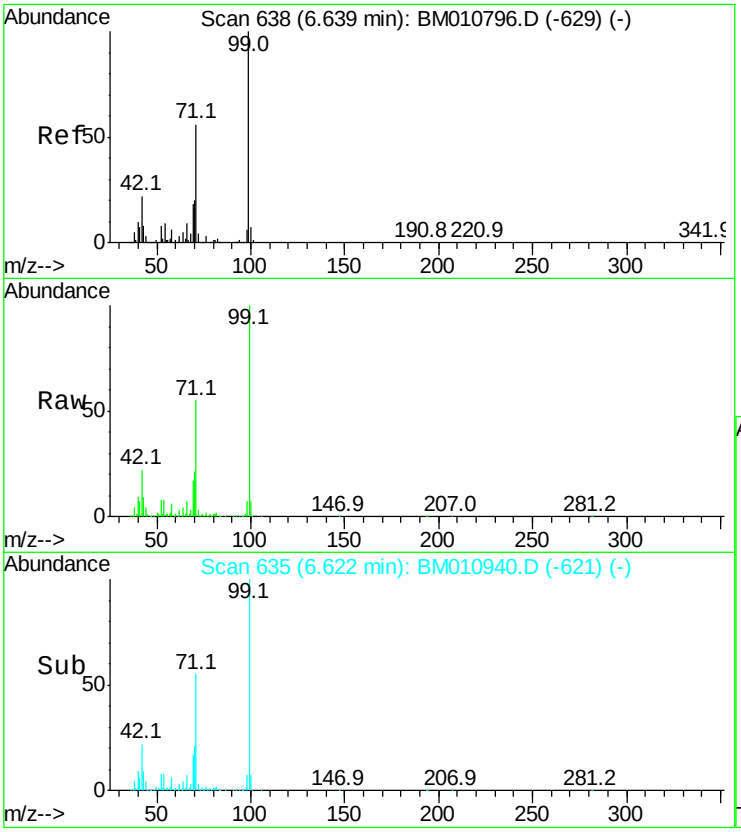


#5
2-Fluorophenol
Concen: 129.319 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM010940.D
Acq: 21 Jul 2017 17:47

Tgt Ion:112 Resp: 2123172

Ion	Ratio	Lower	Upper
112	100		
64	63.5	38.6	57.8#
63	40.0	19.3	28.9#



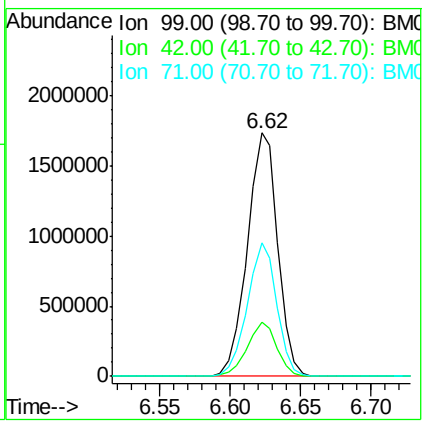


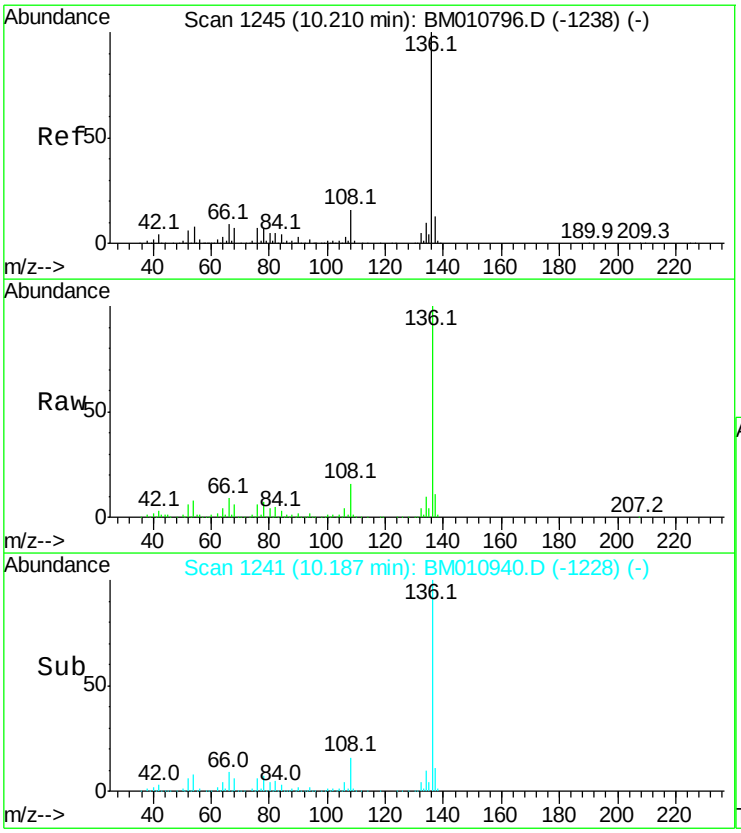
#7
Phenol-d6
Concen: 115.944 ng
RT: 6.62 min Scan# 635
Delta R.T. -0.02 min
Lab File: BM010940.D
Acq: 21 Jul 2017 17:47

Instrument :
BNA_M
ClientSampleId :
CL-01-071817-A

Tgt Ion: 99 Resp: 2624242

Ion	Ratio	Lower	Upper
99	100		
42	22.0	11.0	16.4#
71	54.8	23.4	35.2#

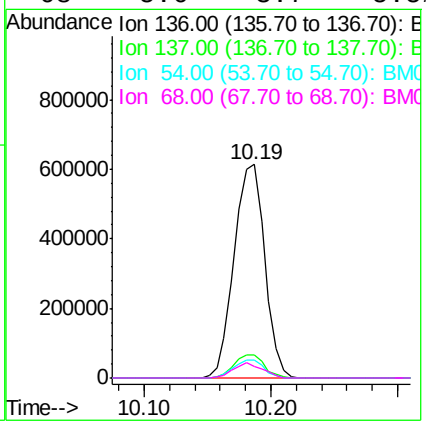


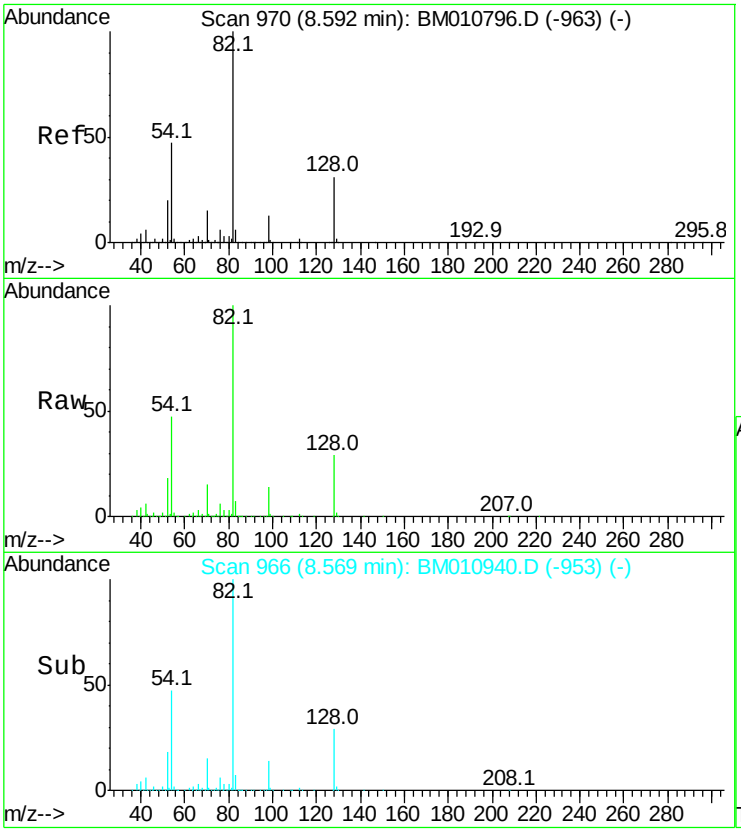


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM010940.D
Acq: 21 Jul 2017 17:47

Tgt Ion:136 Resp: 1030557

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.4	4.6	6.8#
68	5.6	3.7	5.5#



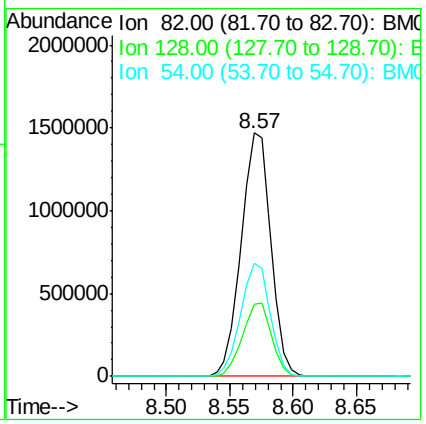


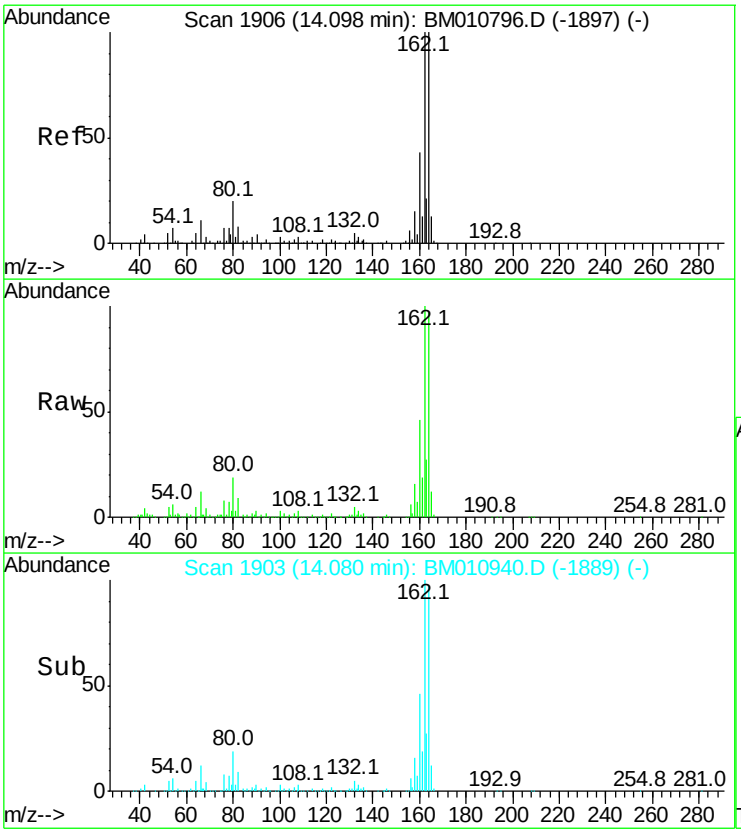
#23
Nitrobenzene-d5
Concen: 89.291 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM010940.D
Acq: 21 Jul 2017 17:47

Instrument :
BNA_M
ClientSampleId :
CL-01-071817-A

Tgt Ion: 82 Resp: 2394003

Ion	Ratio	Lower	Upper
82	100		
128	29.4	32.8	49.2#
54	46.5	40.6	60.8

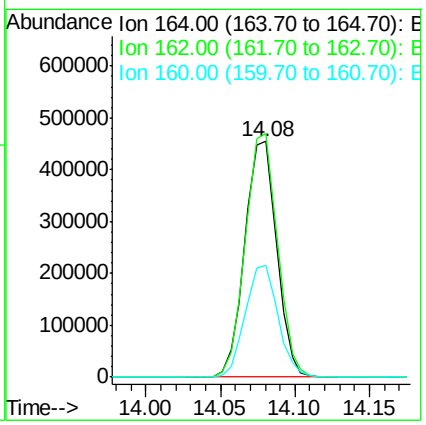


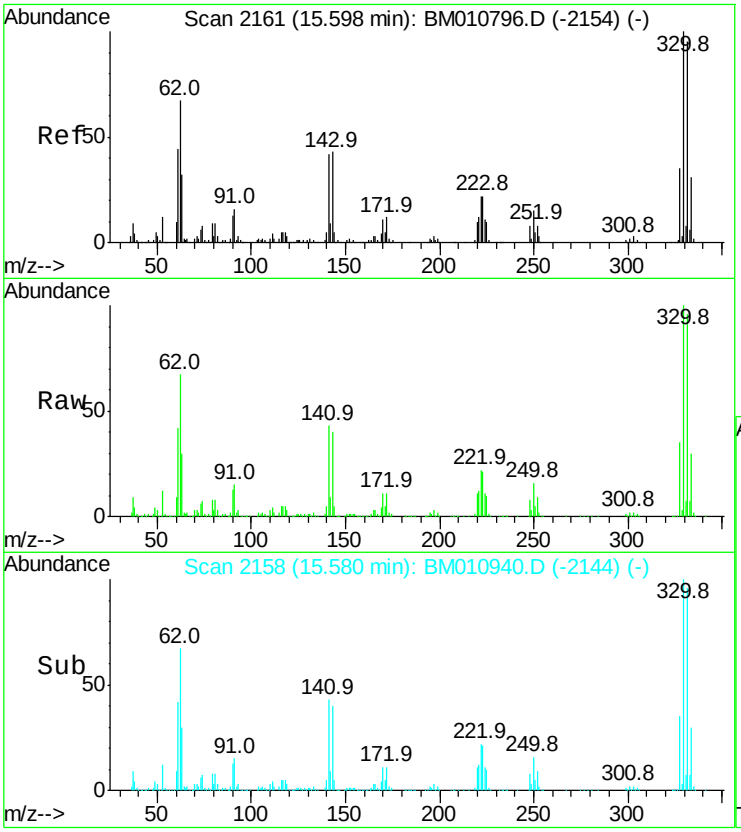


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.08 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BM010940.D
Acq: 21 Jul 2017 17:47

Tgt Ion:164 Resp: 670390

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.4	123.6
160	47.3	35.8	53.6



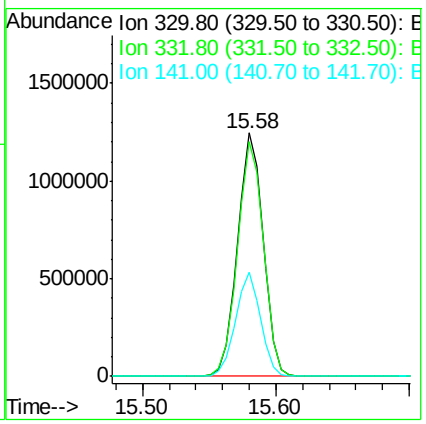


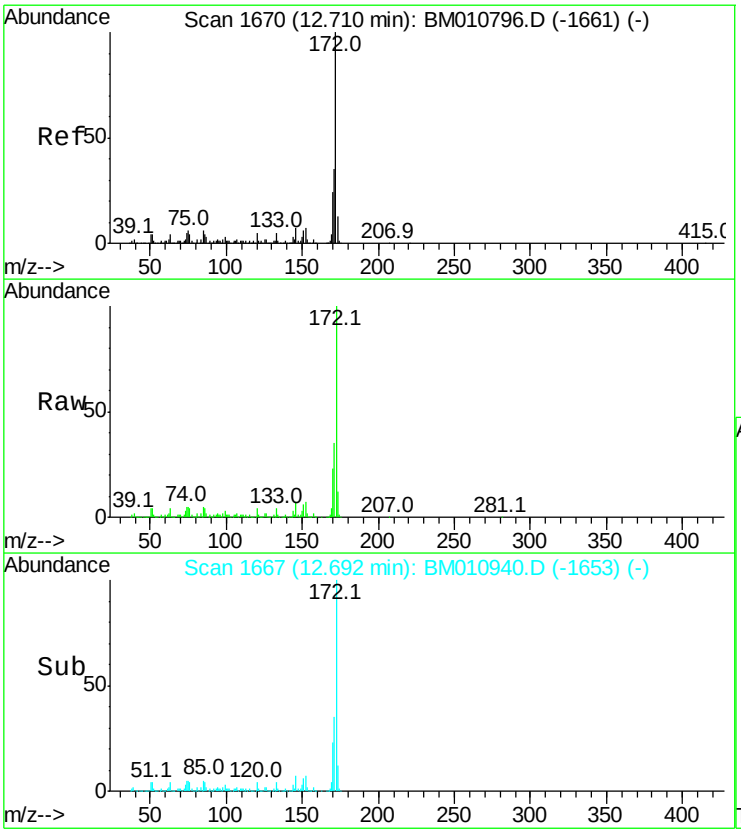
#41
2,4,6-Tribromophenol
Concen: 162.116 ng
RT: 15.58 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BM010940.D
Acq: 21 Jul 2017 17:47

Instrument :
BNA_M
ClientSampleId :
CL-01-071817-A

Tgt Ion:330 Resp: 1660847

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	41.4	0.0	0.0#

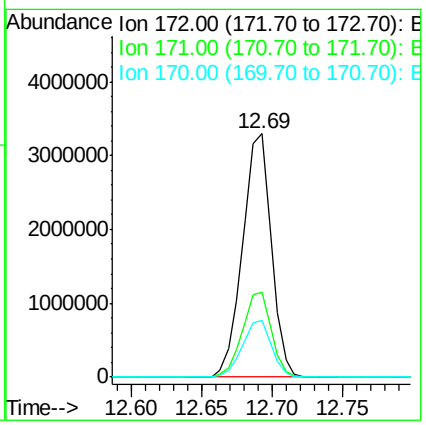


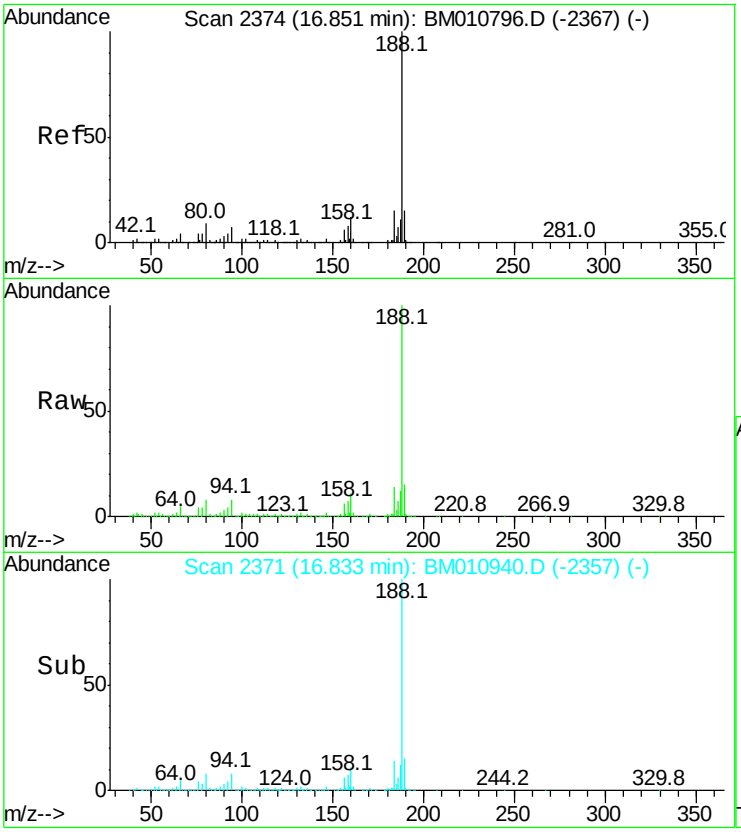


#44
2-Fluorobiphenyl
Concen: 87.620 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM010940.D
Acq: 21 Jul 2017 17:47

Tgt Ion:172 Resp: 4721719

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.1	18.8	28.2



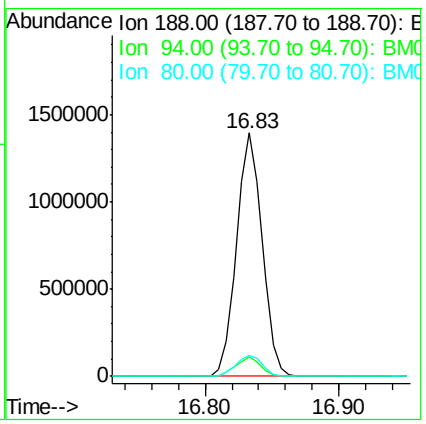


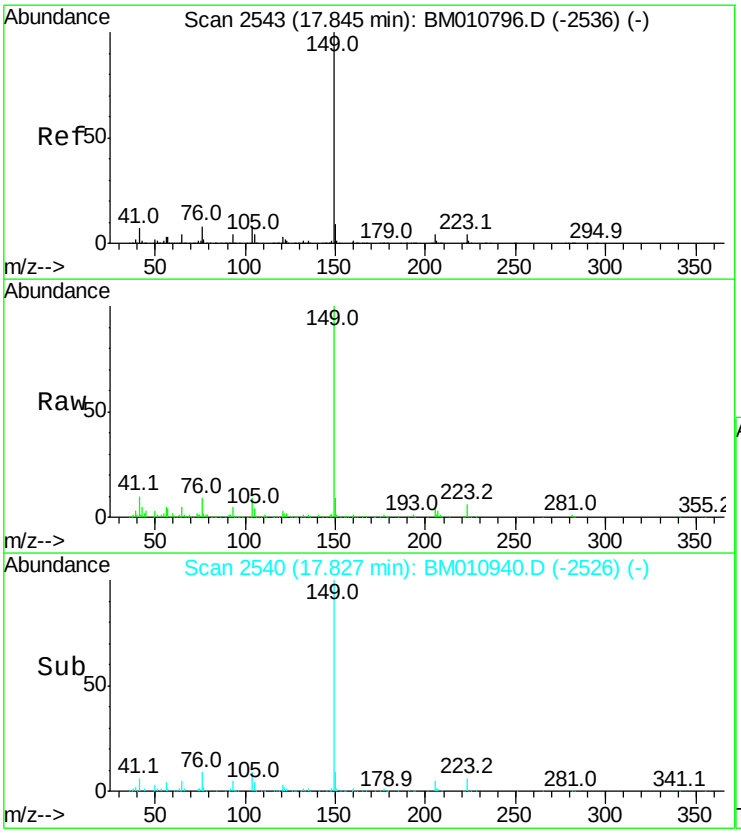
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010940.D
Acq: 21 Jul 2017 17:47

Instrument :
BNA_M
ClientSampleId :
CL-01-071817-A

Tgt Ion:188 Resp: 1850677

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.7	13.1#
80	8.5	9.3	13.9#

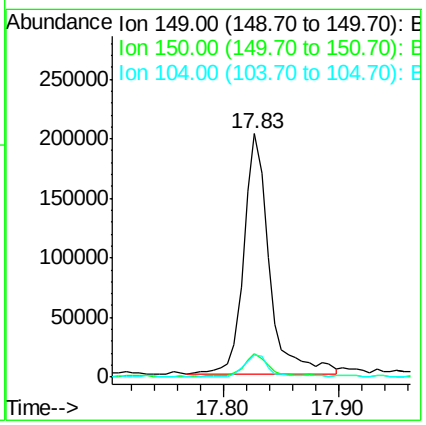


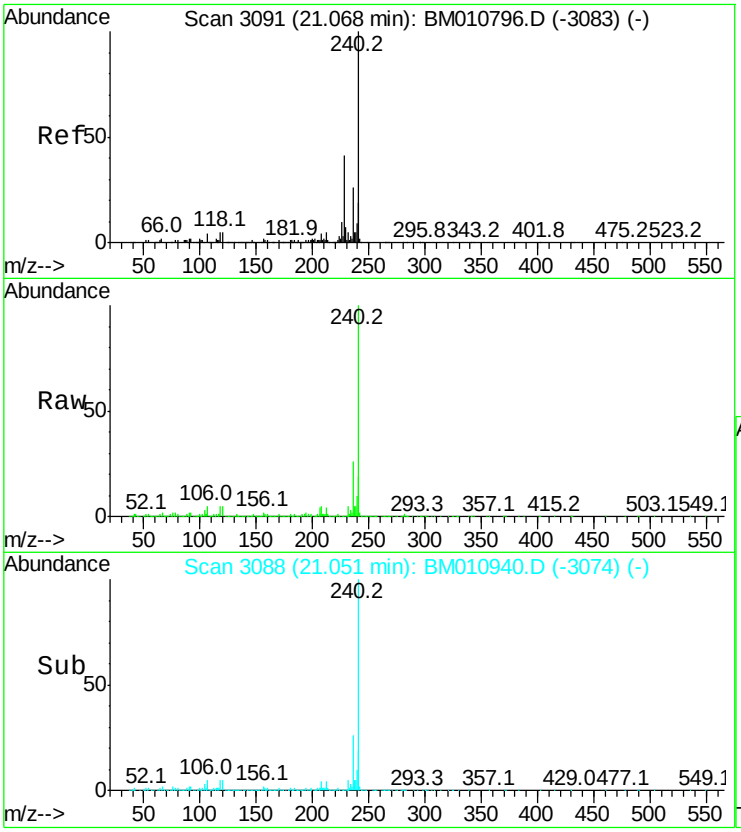


#73
Di-n-butylphthalate
Concen: 3.097 ng
RT: 17.83 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BM010940.D
Acq: 21 Jul 2017 17:47

Tgt Ion:149 Resp: 308399

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	9.1	3.7	5.5#



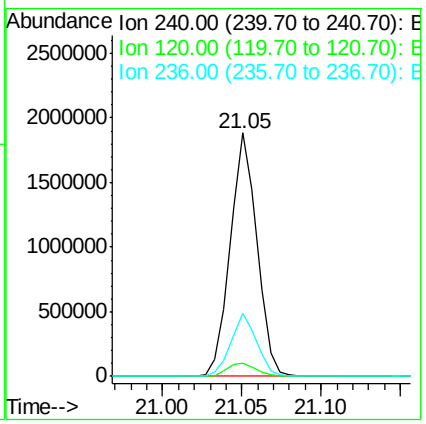


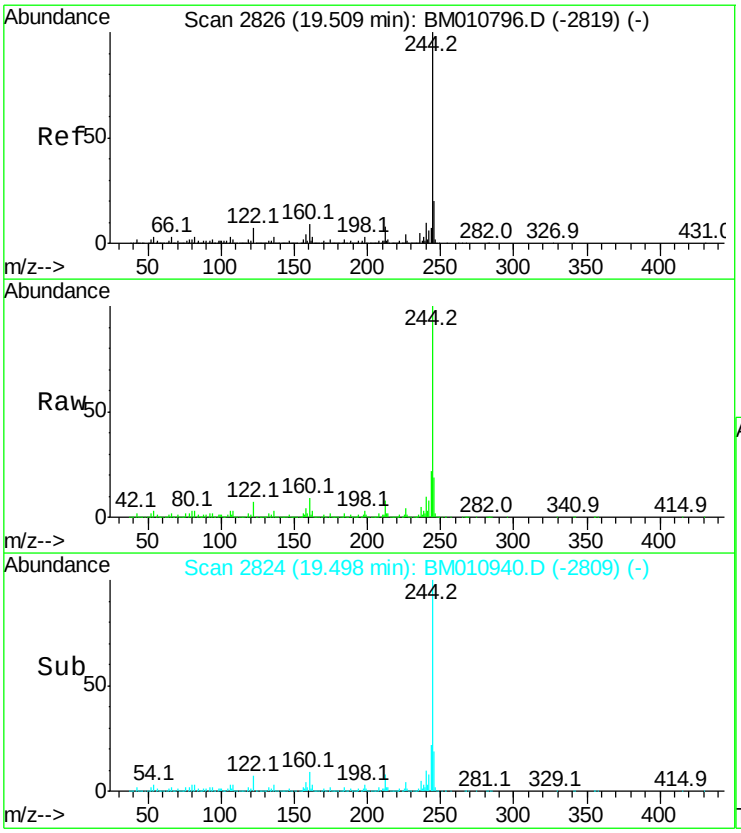
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010940.D
Acq: 21 Jul 2017 17:47

Instrument :
BNA_M
ClientSampleId :
CL-01-071817-A

Tgt Ion:240 Resp: 2198080

Ion	Ratio	Lower	Upper
240	100		
120	5.3	8.2	12.2#
236	25.7	20.0	30.0

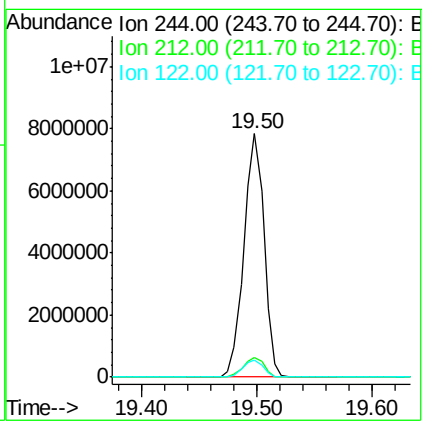


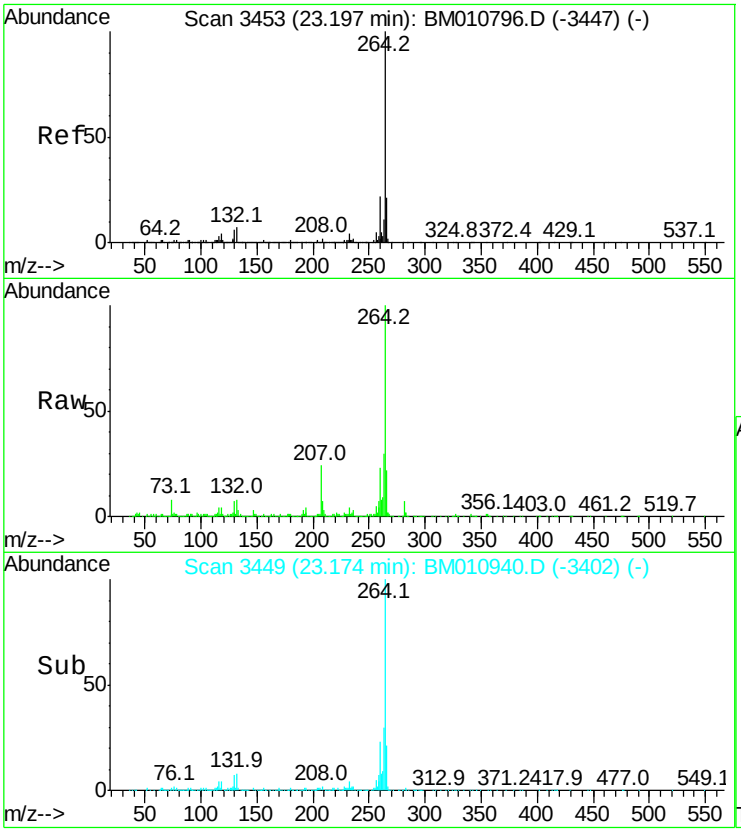


#78
Terphenyl-d14
Concen: 83.558 ng
RT: 19.50 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM010940.D
Acq: 21 Jul 2017 17:47

Tgt Ion:244 Resp: 9496258

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	7.2	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.17 min Scan# 3449
Delta R.T. -0.02 min
Lab File: BM010940.D
Acq: 21 Jul 2017 17:47

Instrument :
BNA_M
ClientSampleId :
CL-01-071817-A

Tgt Ion:264 Resp: 1075915

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.6	17.3	25.9