Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
Data File : BM010943.D
Acq On : 21 Jul 2017 19:35
Operator : SJ/JU
Sample : I4280-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jul 21 23:25:53 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	281306	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	1046316	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	676906	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1606992	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1618135	20.00	ng	-0.02
86) Perylene-d12	23.18	264	1385391	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	2026765	119.35	ng	-0.01
7) Phenol-d6	6.62	99	2438963	104.18	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2306354	84.73	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1416259	136.91	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4470337	82.16	ng	-0.02
78) Terphenyl-d14	19.50	244	6866687	82.08	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.23	128	122879	2.310	ng	# 96

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

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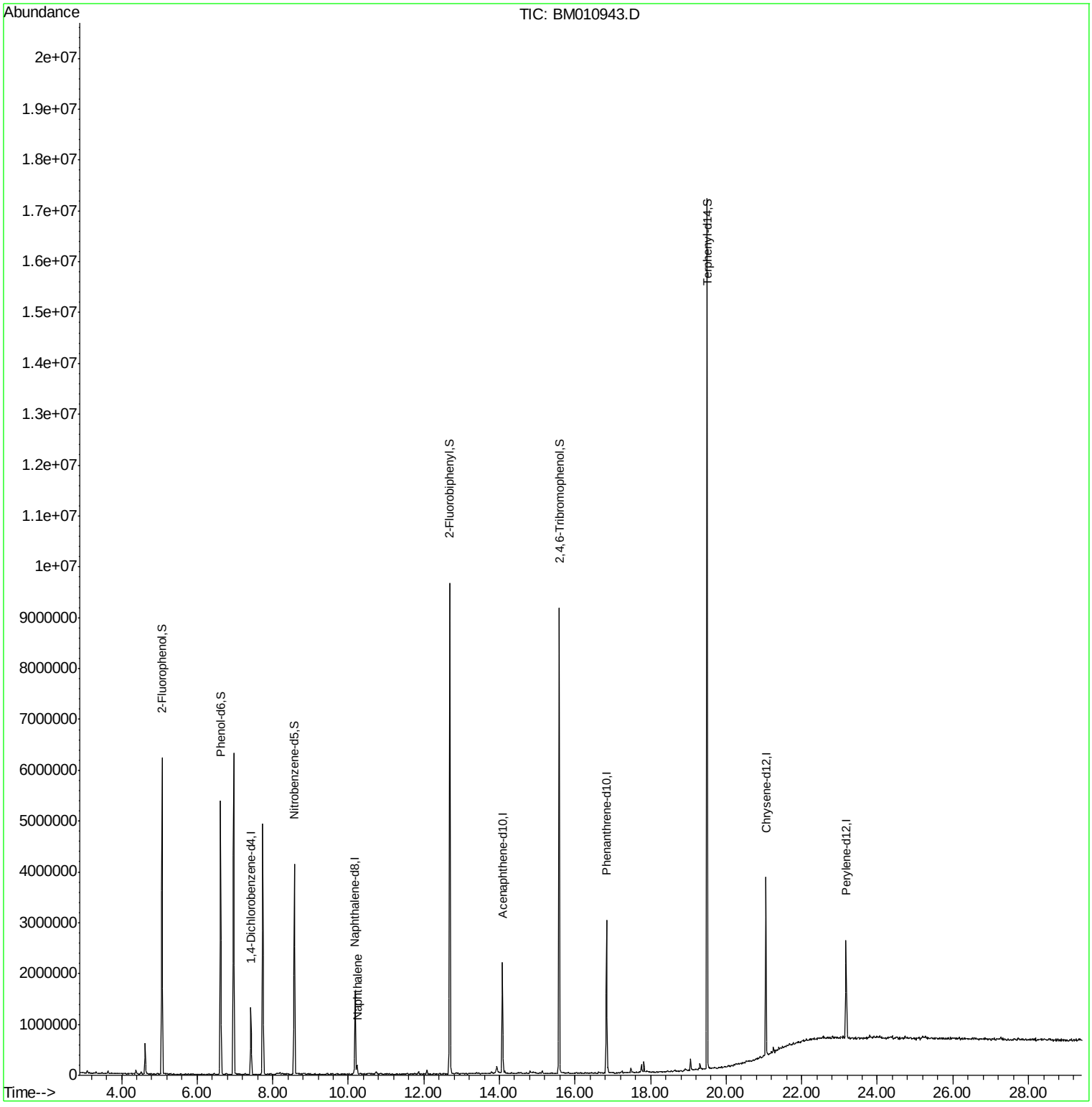
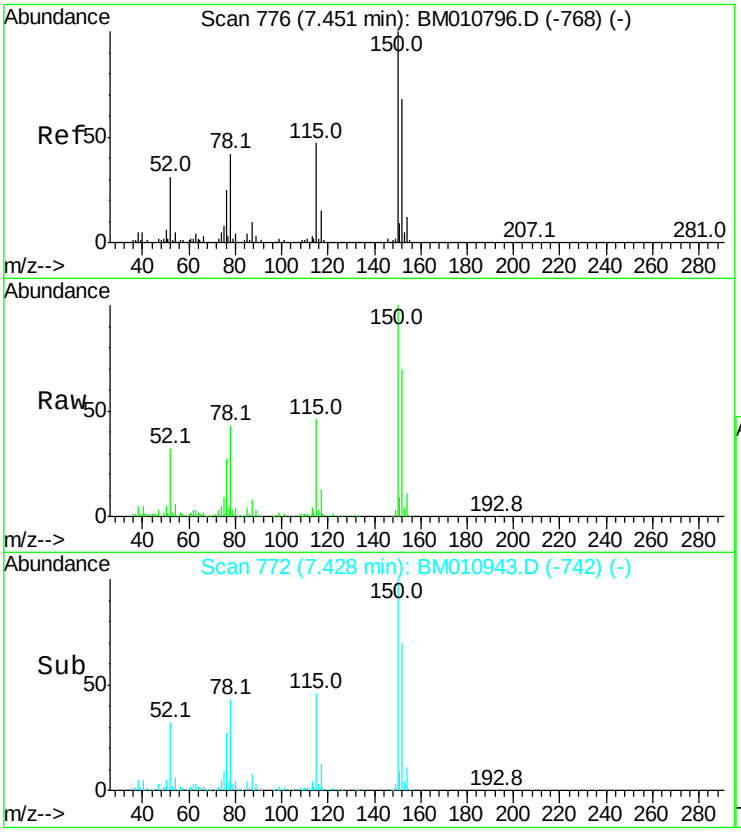


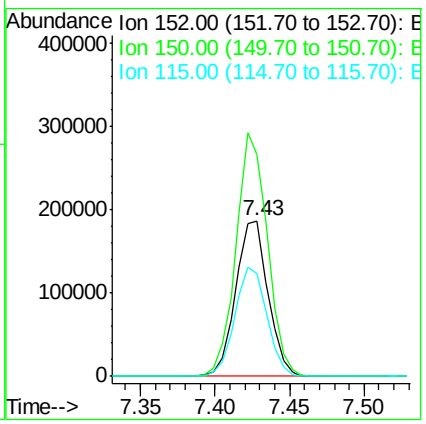


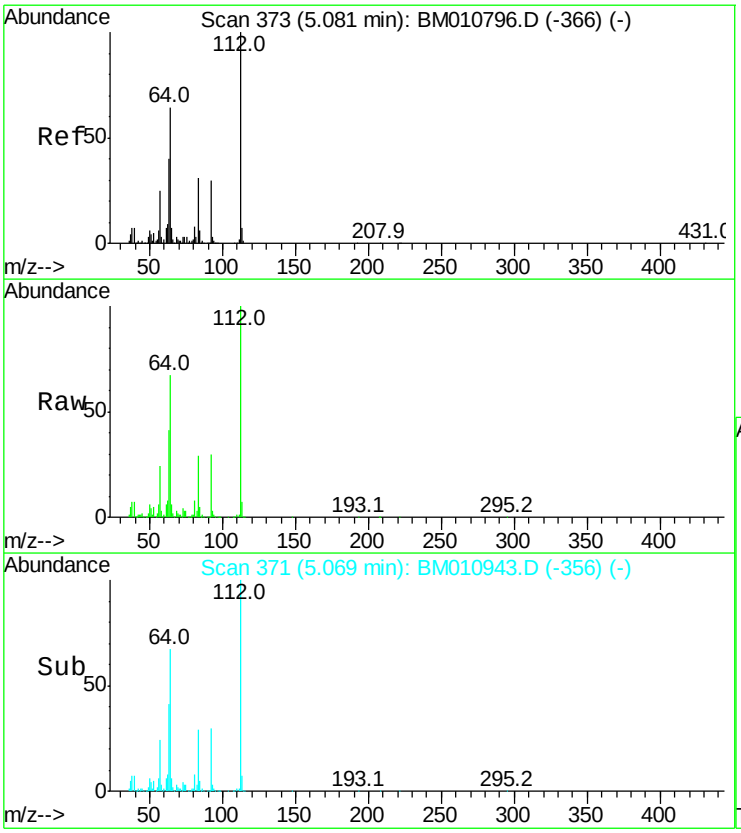
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

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

Tgt Ion:152 Resp: 281306

Ion	Ratio	Lower	Upper
152	100		
150	143.2	119.5	179.3
115	66.0	43.0	64.4#

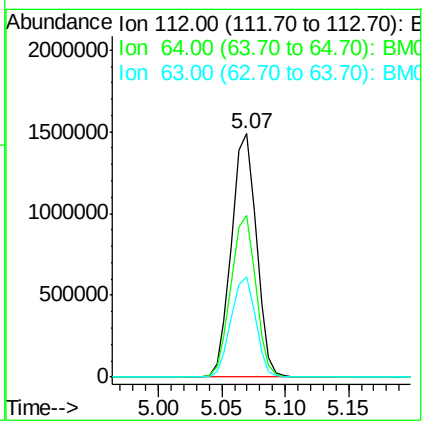


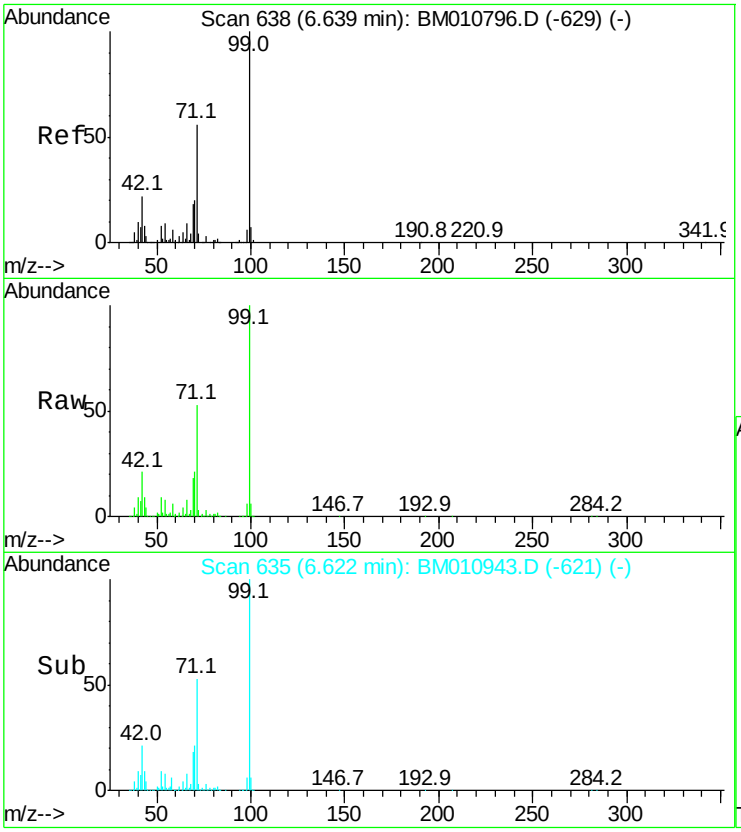


#5
2-Fluorophenol
Concen: 119.348 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

Tgt Ion:112 Resp: 2026765

Ion	Ratio	Lower	Upper
112	100		
64	66.6	38.6	57.8#
63	41.3	19.3	28.9#



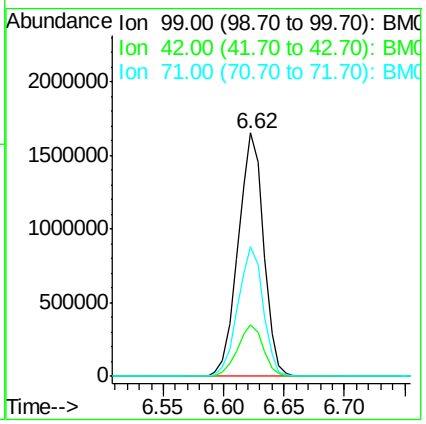


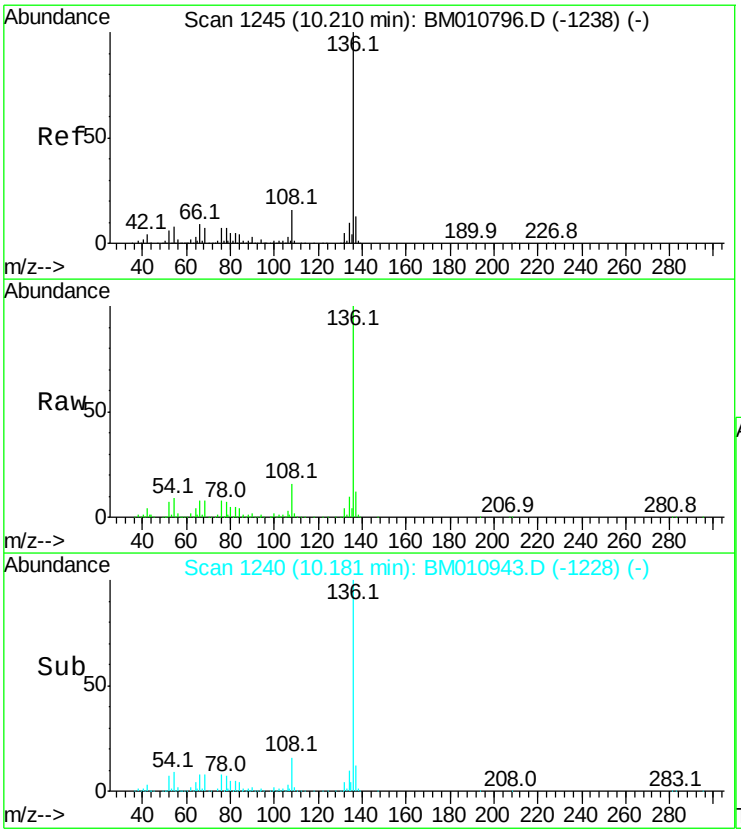
#7
Phenol-d6
Concen: 104.179 ng
RT: 6.62 min Scan# 635
Delta R.T. -0.02 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

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

Tgt Ion: 99 Resp: 2438963

Ion	Ratio	Lower	Upper
99	100		
42	21.2	11.0	16.4#
71	53.2	23.4	35.2#

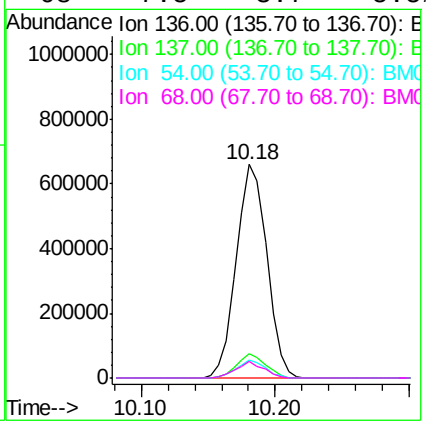


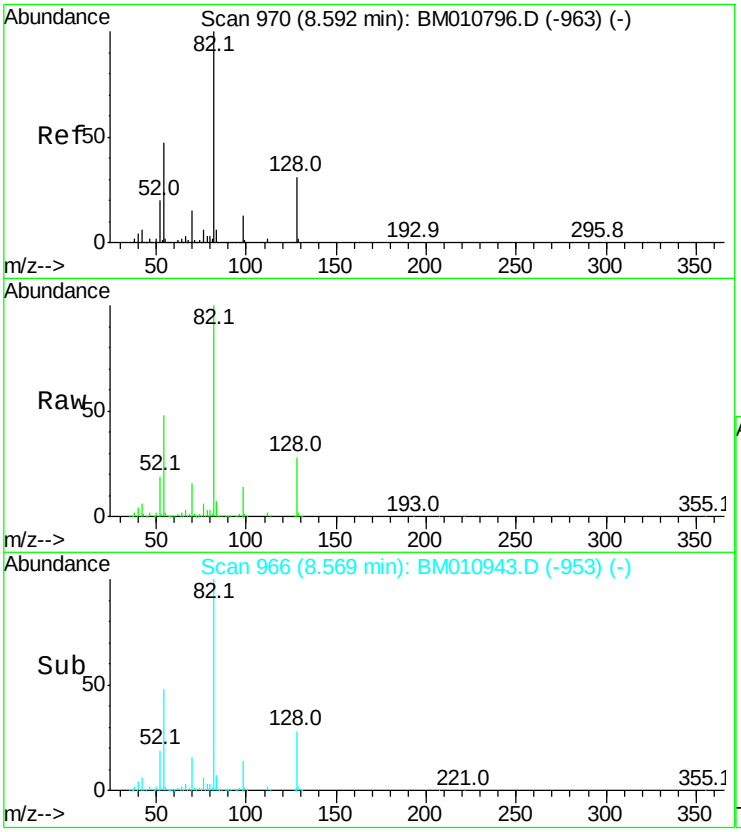


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.03 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

Tgt Ion:136 Resp: 1046316

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	8.5	4.6	6.8#
68	7.5	3.7	5.5#



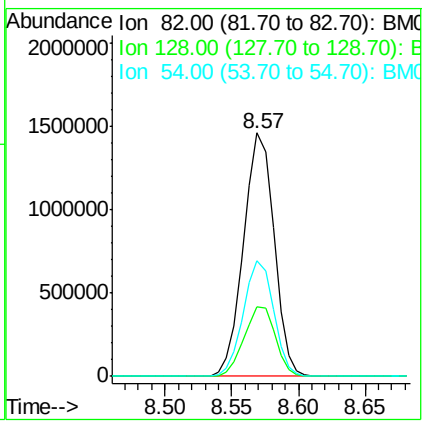


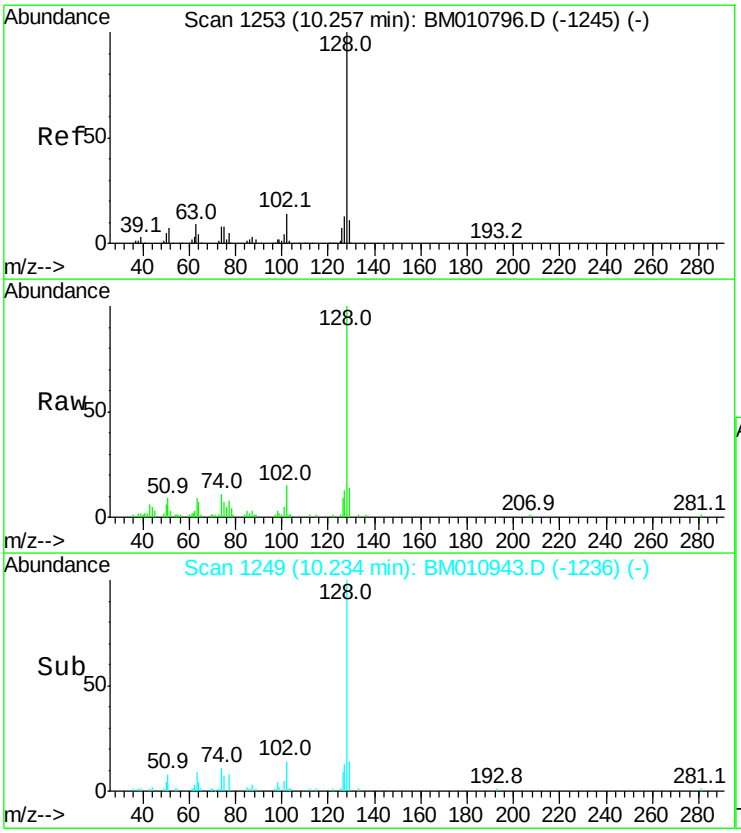
#23
Nitrobenzene-d5
Concen: 84.727 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

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

Tgt Ion: 82 Resp: 2306354

Ion	Ratio	Lower	Upper
82	100		
128	28.5	32.8	49.2#
54	47.7	40.6	60.8

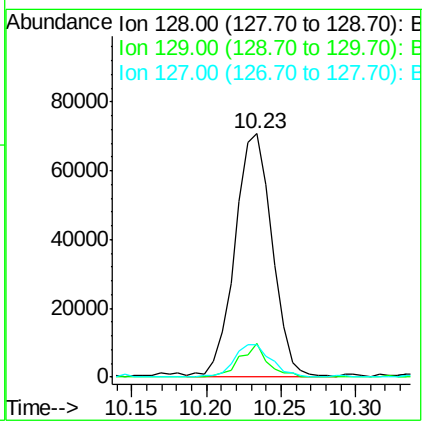


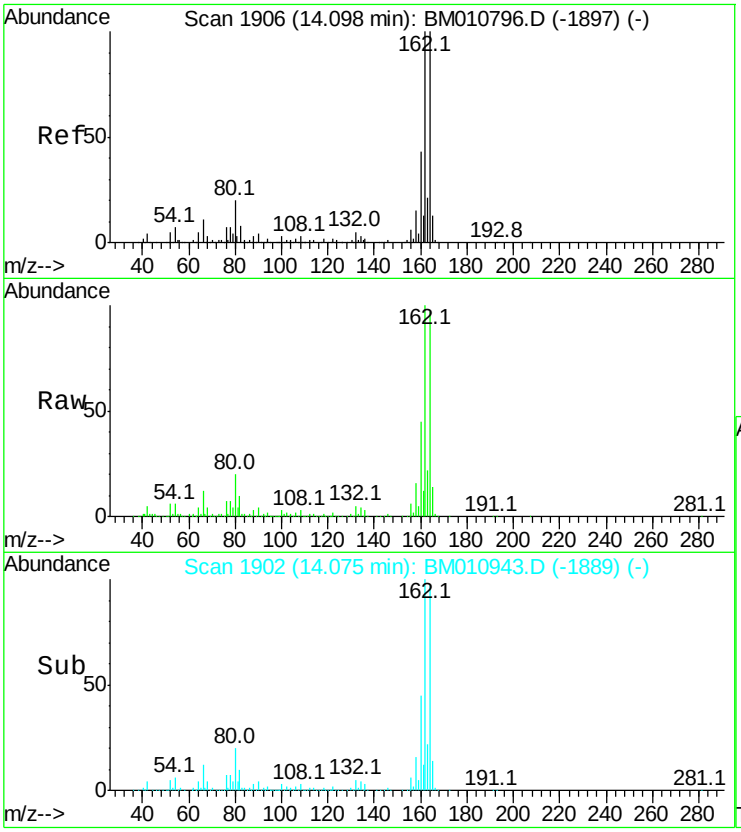


#31
Naphthalene
Concen: 2.310 ng
RT: 10.23 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

Tgt Ion:128 Resp: 122879

Ion	Ratio	Lower	Upper
128	100		
129	13.9	8.9	13.3#
127	13.2	10.4	15.6



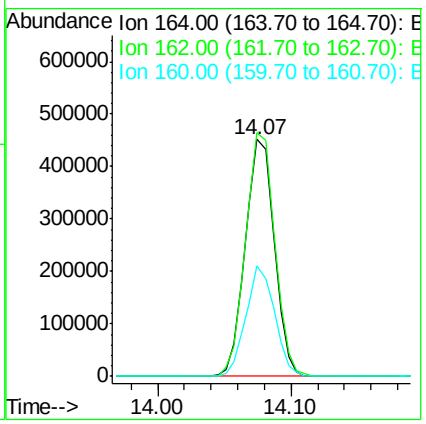


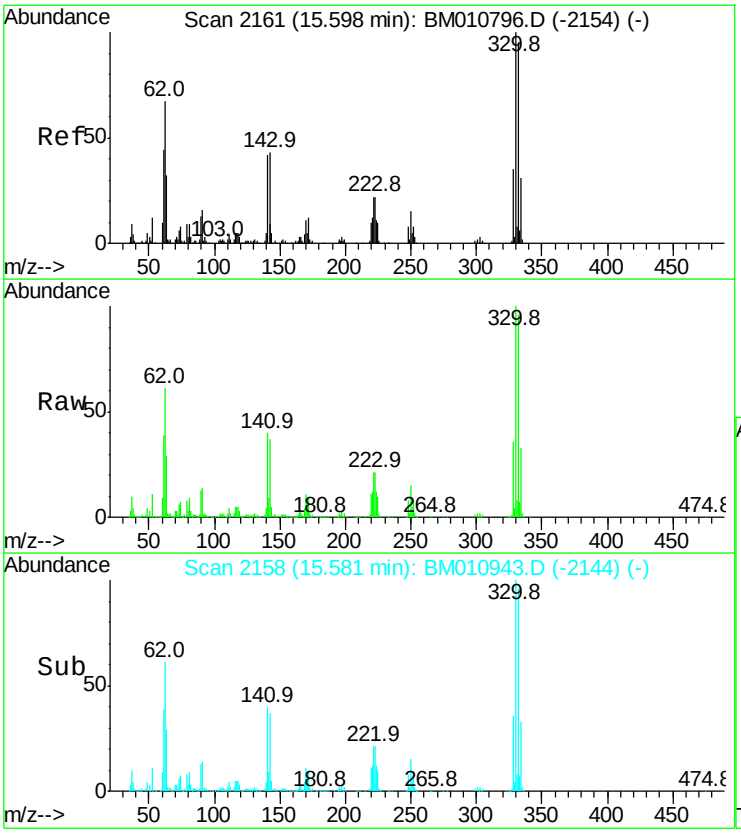
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

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

Tgt Ion:164 Resp: 676906

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.4	123.6
160	46.6	35.8	53.6

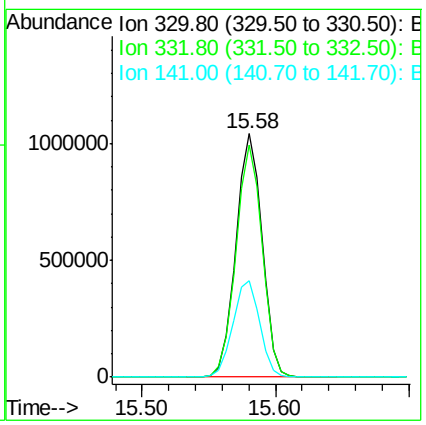


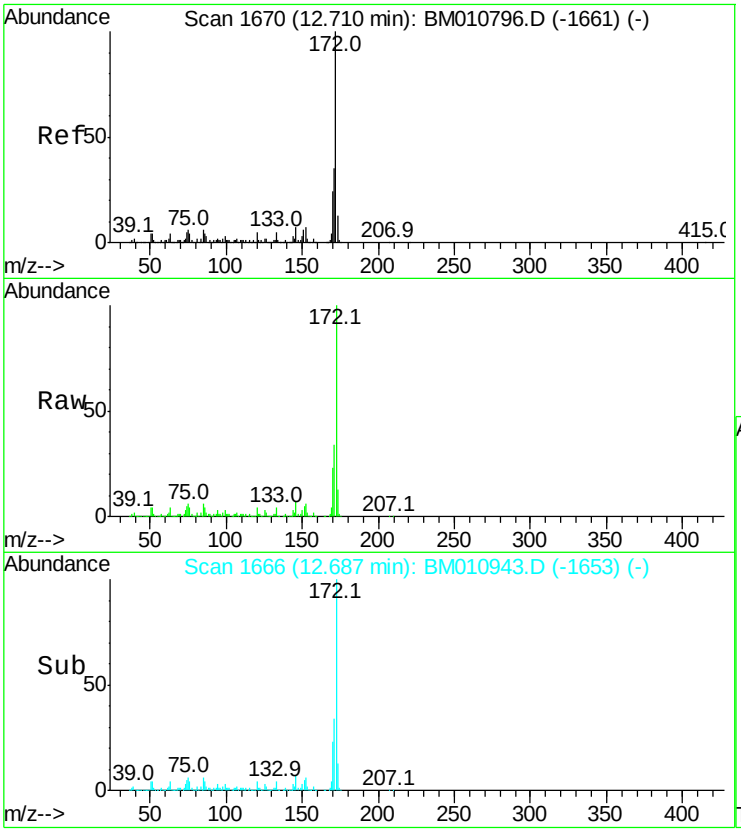


#41
2,4,6-Tribromophenol
Concen: 136.911 ng
RT: 15.58 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

Tgt Ion:330 Resp: 1416259

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	40.7	0.0	0.0#



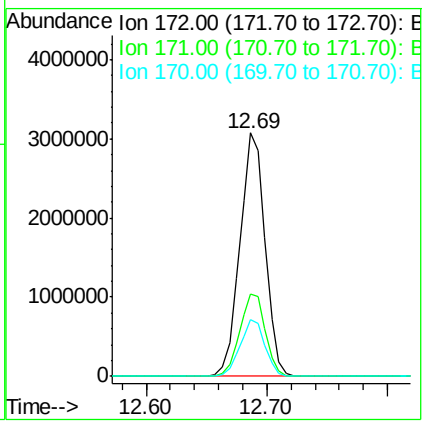


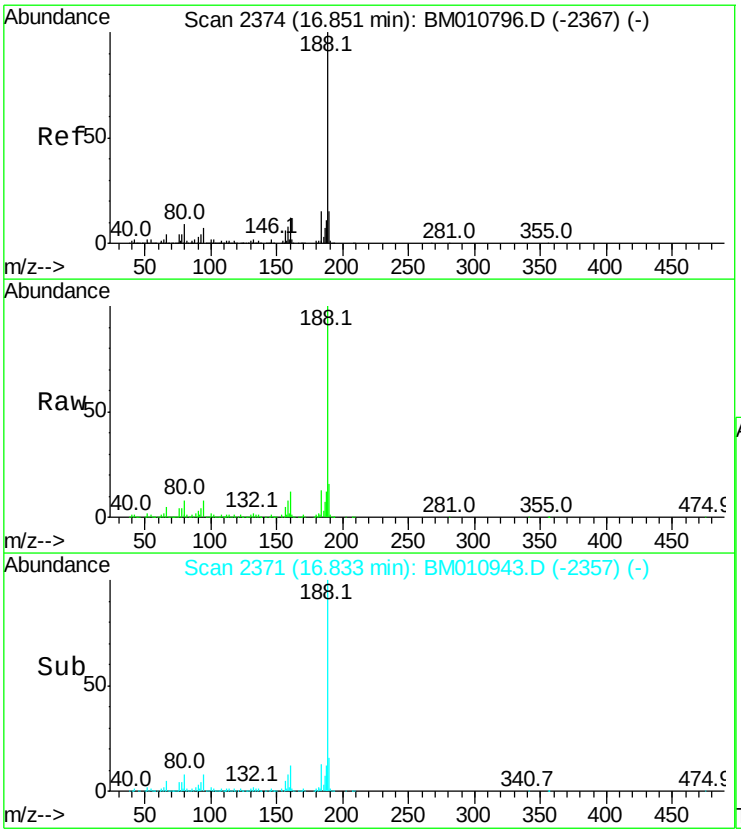
#44
2-Fluorobiphenyl
Concen: 82.156 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

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

Tgt Ion:172 Resp: 4470337

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.5	42.7
170	23.1	18.8	28.2

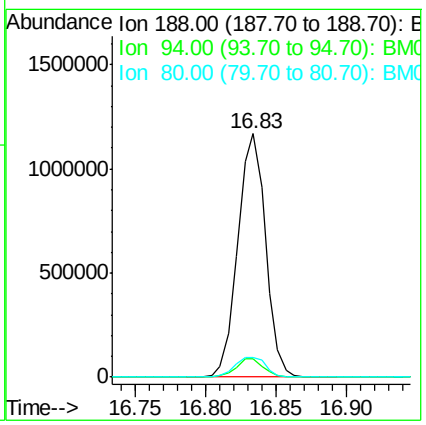


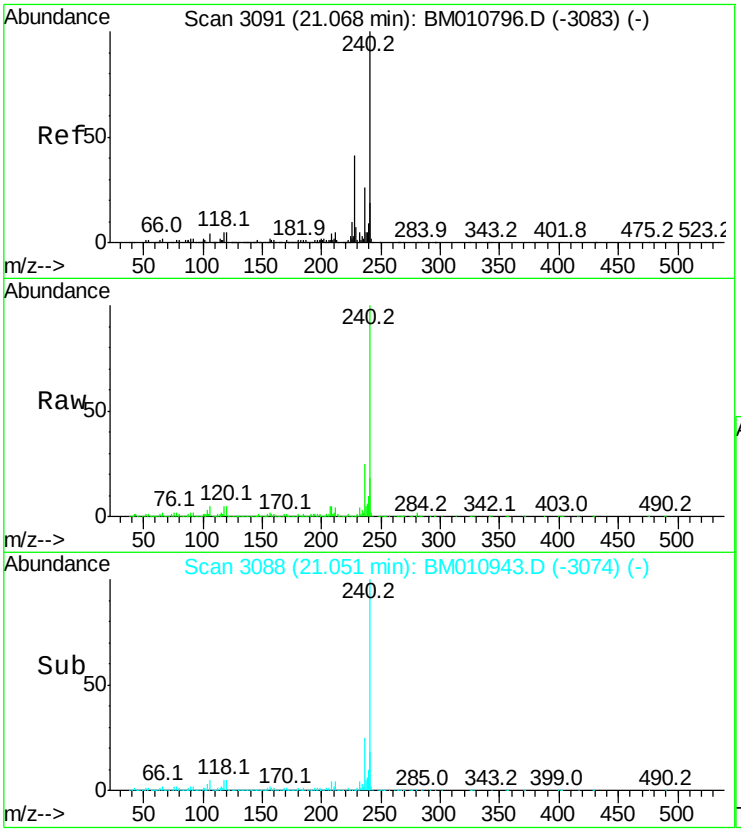


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

Tgt Ion:188 Resp: 1606992

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.7	13.1#
80	8.2	9.3	13.9#



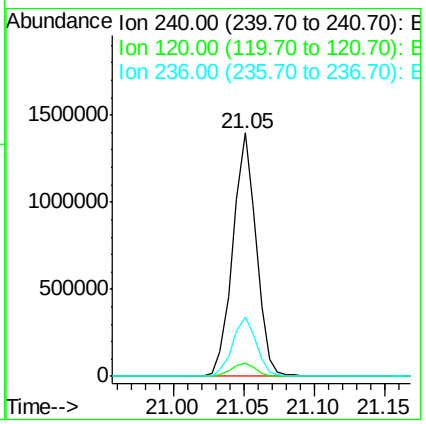


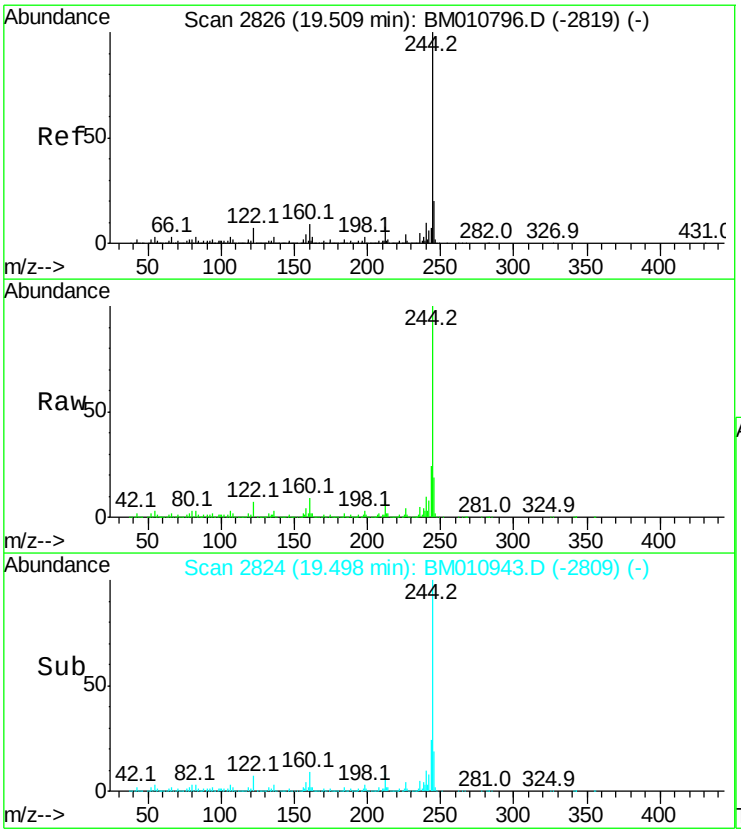
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

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

Tgt Ion:240 Resp: 1618135

Ion	Ratio	Lower	Upper
240	100		
120	5.3	8.2	12.2#
236	24.6	20.0	30.0

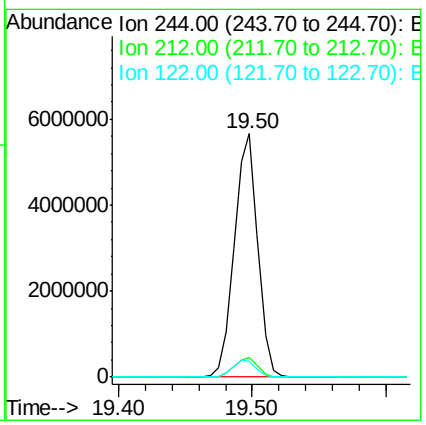


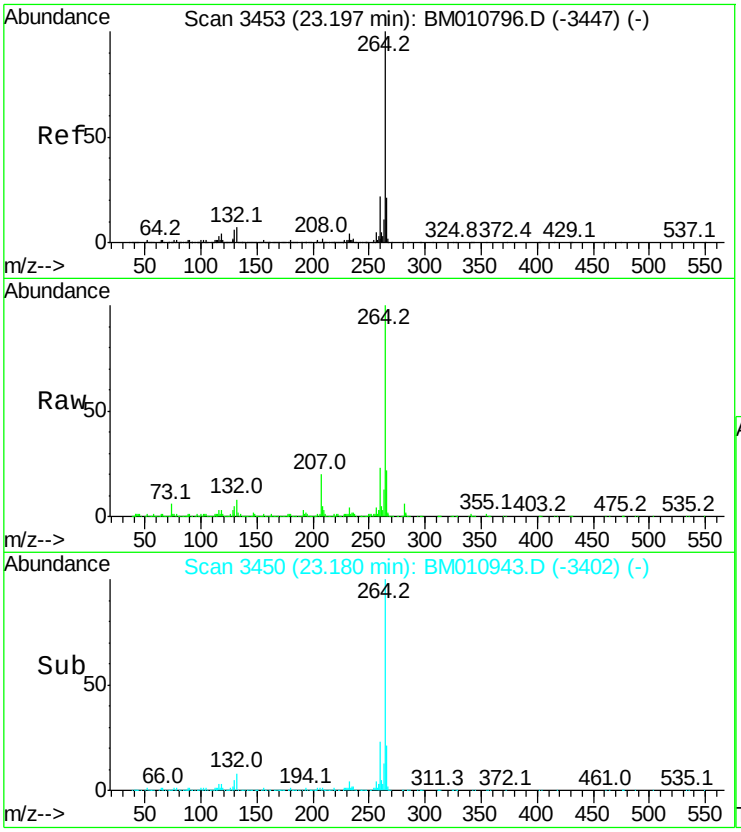


#78
Terphenyl-d14
Concen: 82.075 ng
RT: 19.50 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

Tgt Ion:244 Resp: 6866687

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	6.6	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.18 min Scan# 3450
Delta R.T. -0.02 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

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

Tgt Ion:264 Resp: 1385391

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.2	17.3	25.9