Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062119\
Data File : BM021082.D
Acq On : 21 Jun 2019 14:22
Operator : HP/JU
Sample : K3309-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF017MW003-190610

Quant Time: Jun 22 00:09:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	254331	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1041891	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	703617	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1817668	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1832315	20.00	ng	0.00
87) Perylene-d12	23.62	264	1821211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	802665	57.15	ng	0.00
7) Phenol-d6	6.95	99	692148	33.84	ng	0.00
23) Nitrobenzene-d5	8.94	82	1727472	86.41	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	1874144	141.95	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	5041989	88.07	ng	0.00
79) Terphenyl-d14	19.79	244	9545139	97.30	ng	0.00
Target Compounds						Qvalue

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

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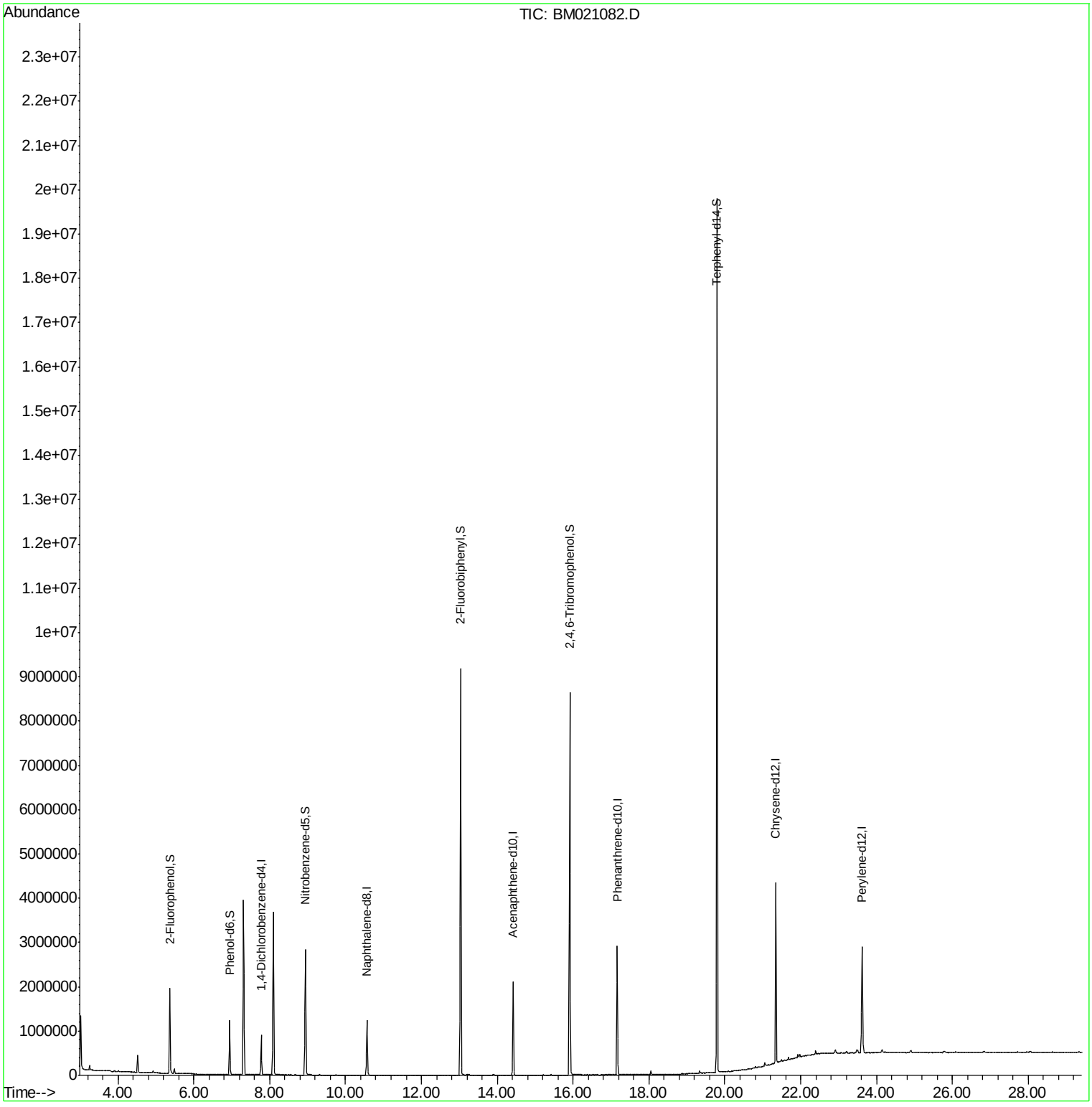
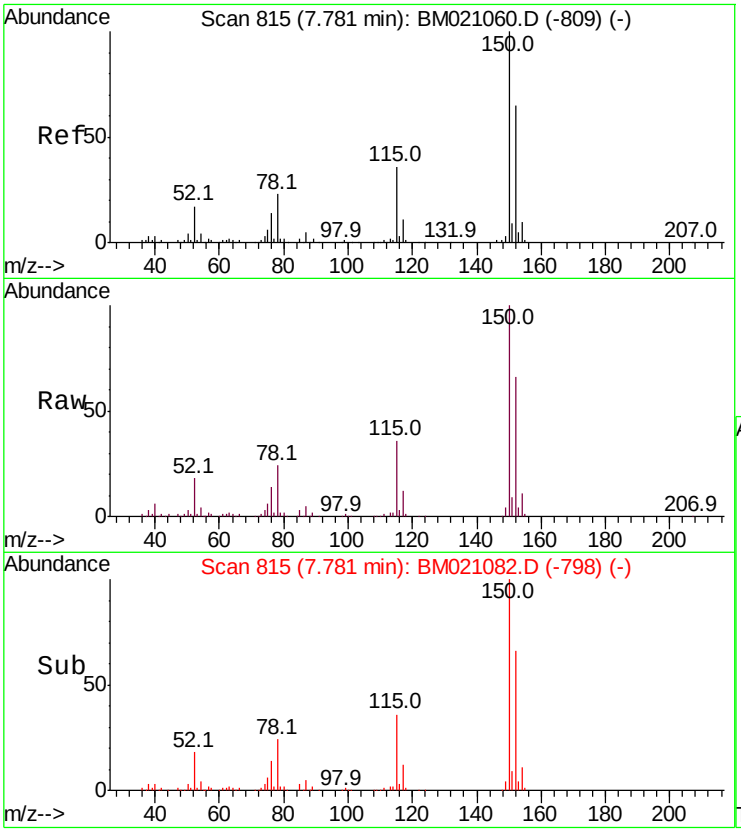


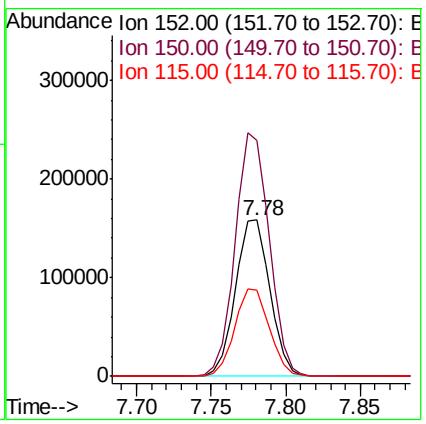


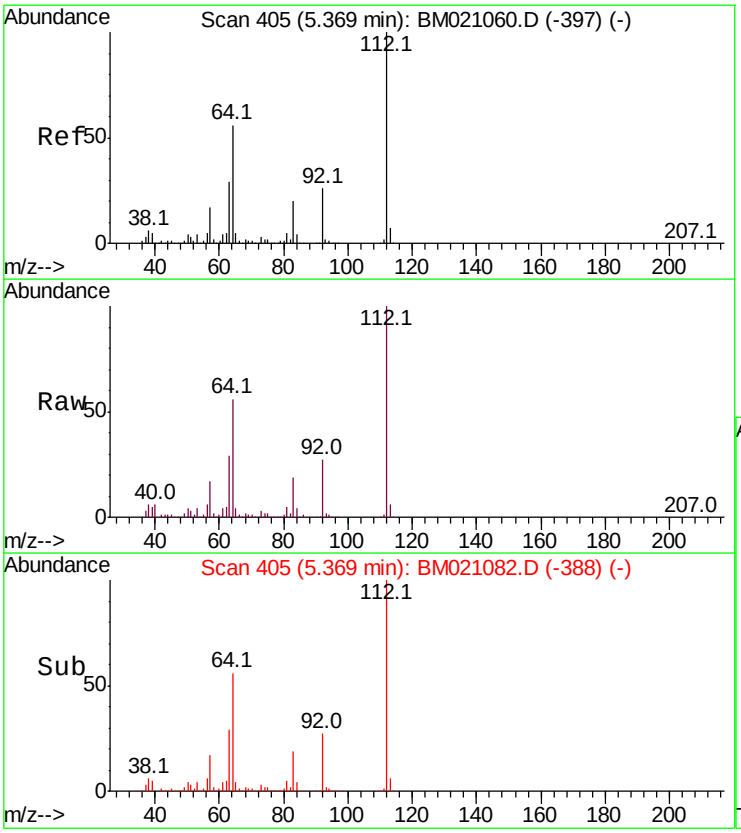
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.00 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Instrument :
BNA_M
ClientSampleId :
LF017MW003-190610

Tgt Ion:152 Resp: 254331

Ion	Ratio	Lower	Upper
152	100		
150	150.8	123.1	184.7
115	54.8	44.2	66.4

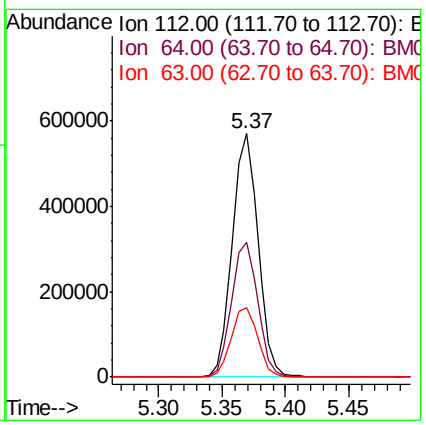


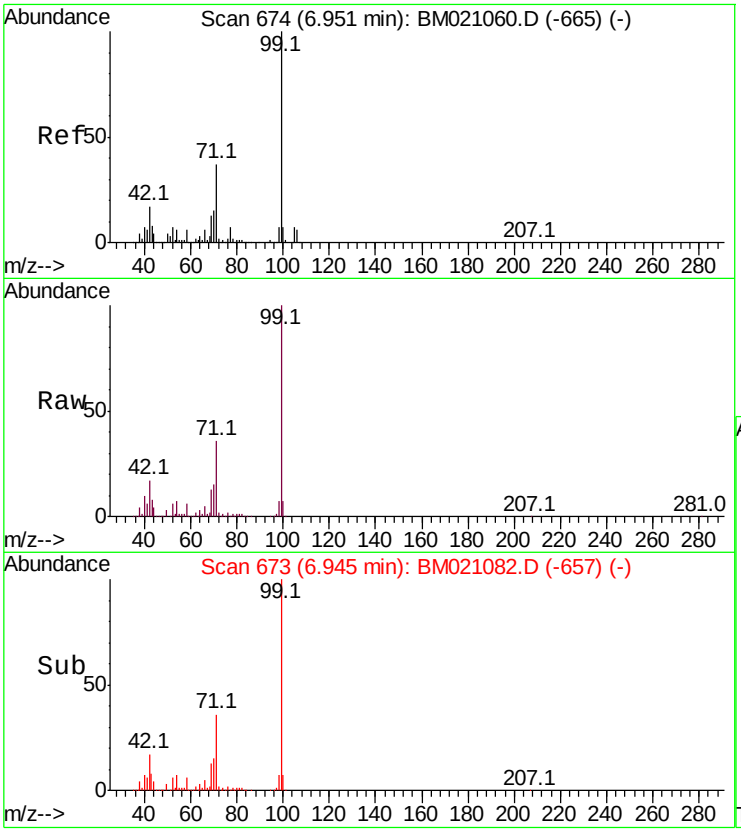


#5
2-Fluorophenol
Concen: 57.146 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Tgt Ion:112 Resp: 802665

Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.2	67.8
63	28.7	23.5	35.3



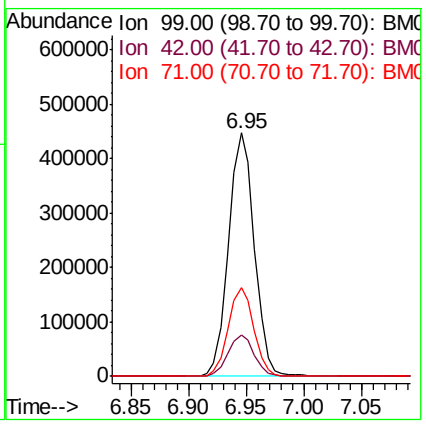


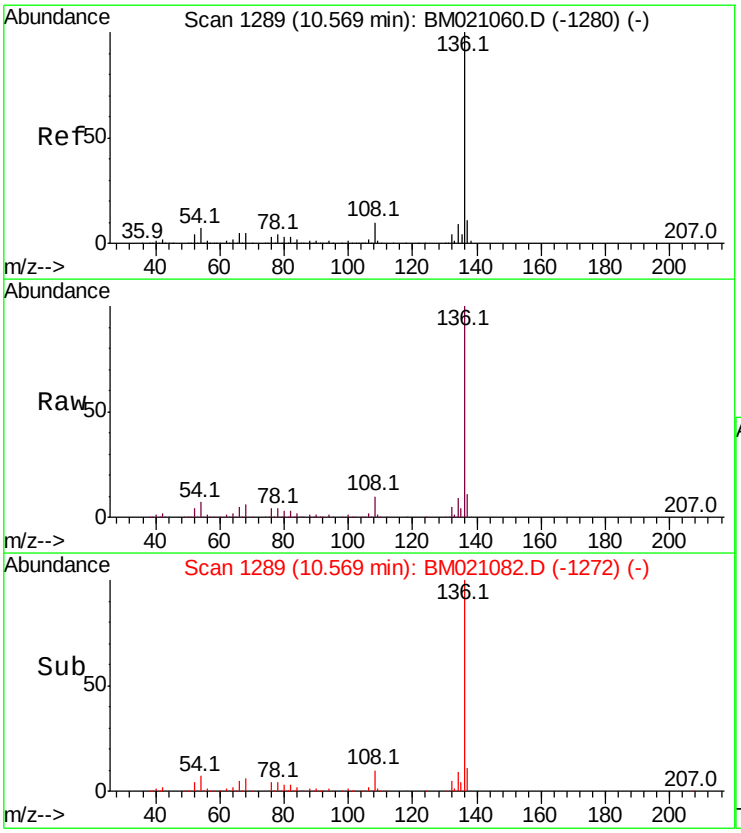
#7
Phenol-d6
Concen: 33.839 ng
RT: 6.95 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Instrument :
BNA_M
ClientSampleId :
LF017MW003-190610

Tgt Ion: 99 Resp: 692148

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	36.5	29.3	43.9

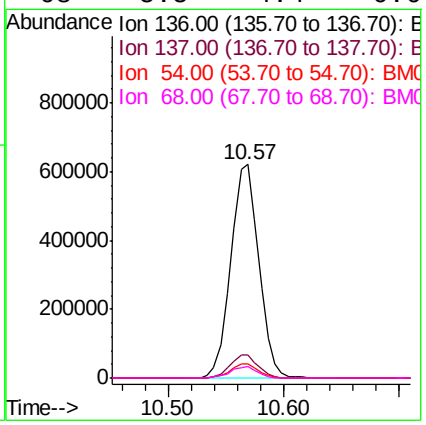


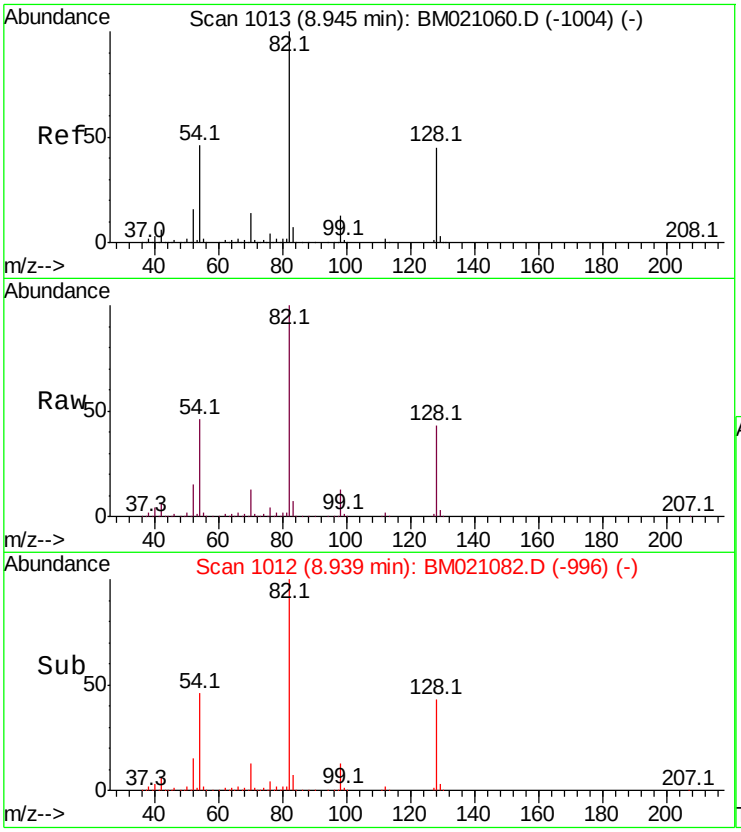


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Tgt Ion:136 Resp: 1041891

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.6	5.3	7.9
68	5.5	4.4	6.6



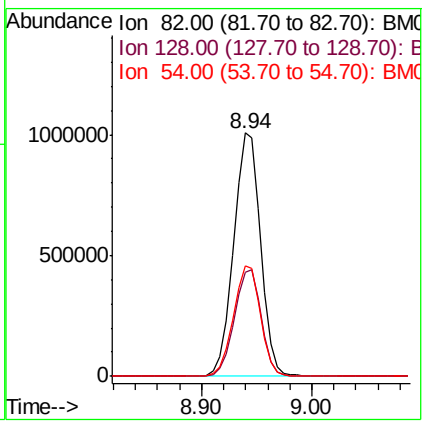


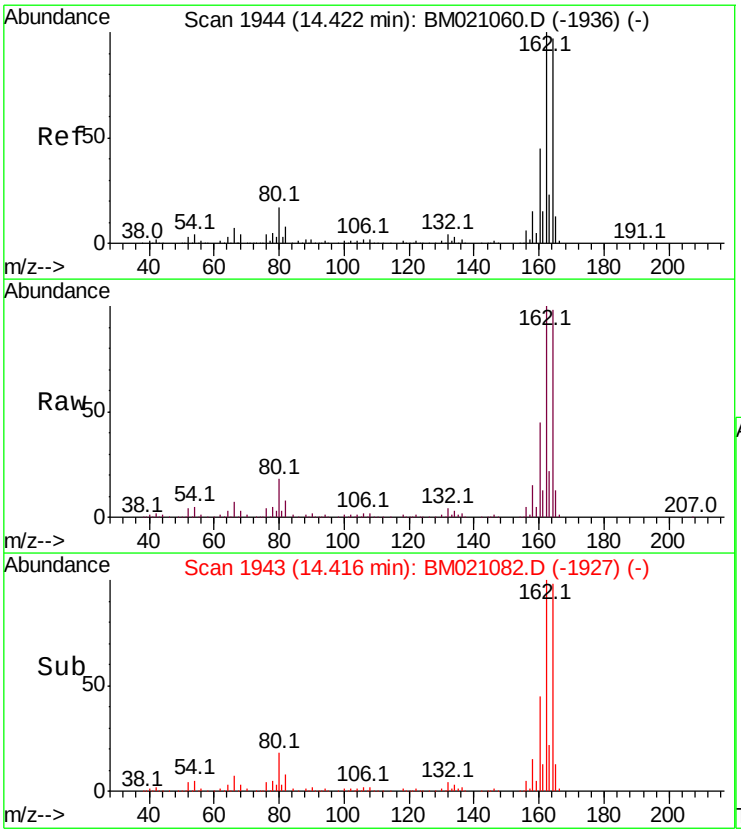
#23
Nitrobenzene-d5
Concen: 86.410 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Instrument :
BNA_M
ClientSampleId :
LF017MW003-190610

Tgt Ion: 82 Resp: 1727472

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.9	53.9
54	45.6	36.6	55.0

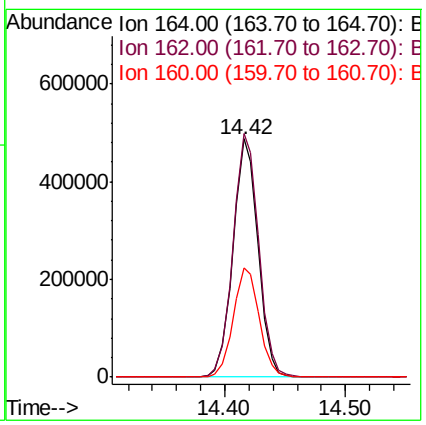


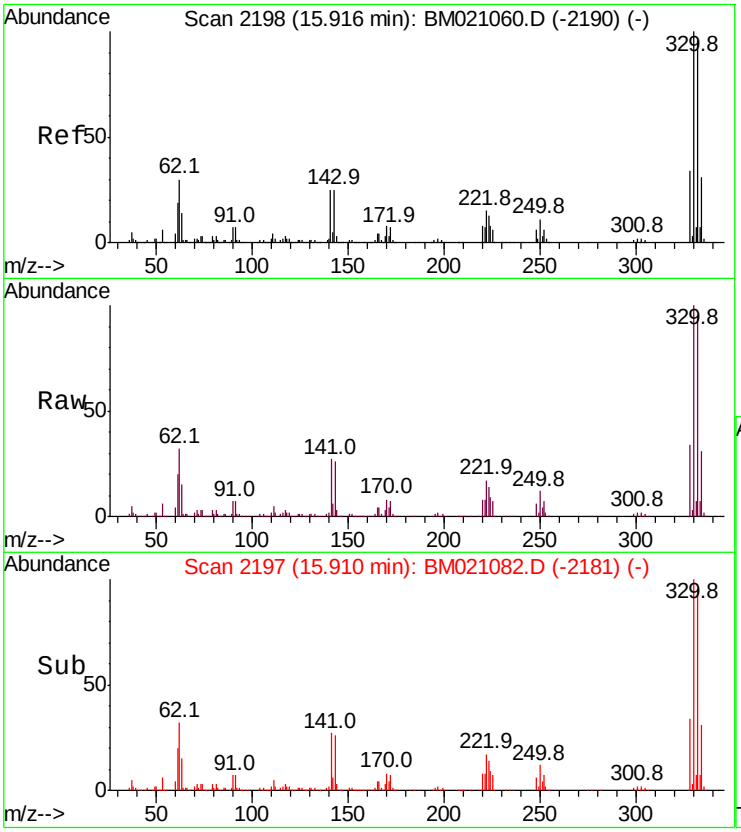


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Tgt Ion:164 Resp: 703617

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.1	123.1
160	46.0	37.1	55.7



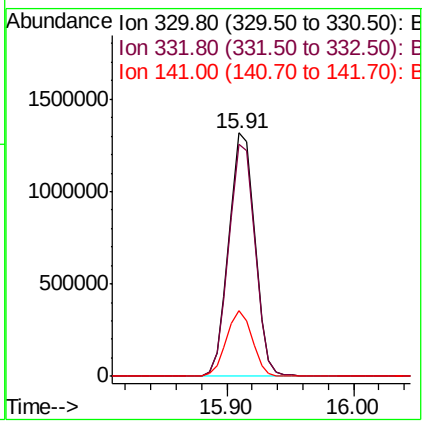


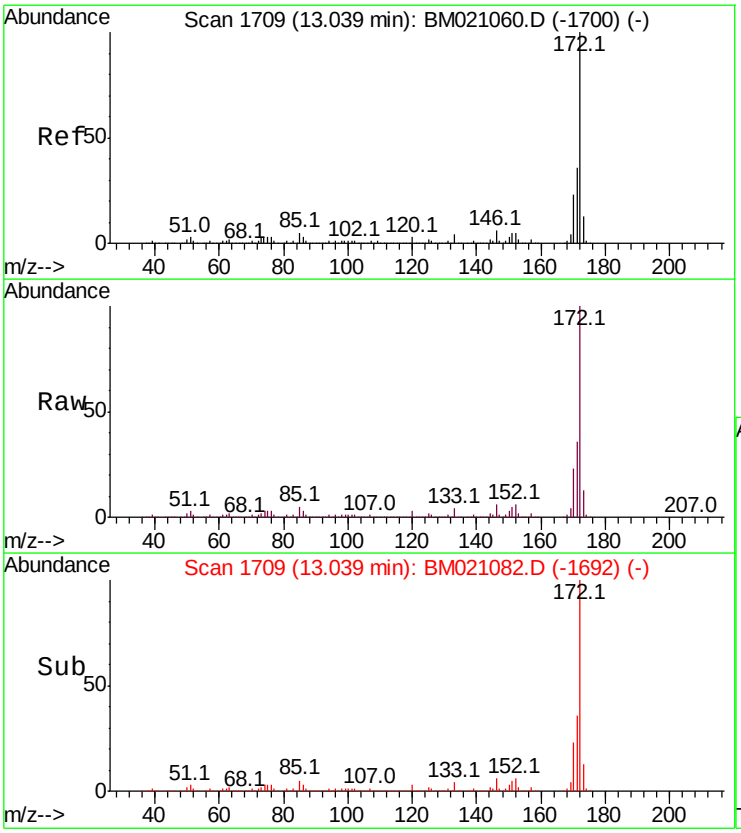
#42
2,4,6-Tribromophenol
Concen: 141.948 ng
RT: 15.91 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Instrument :
BNA_M
ClientSampleId :
LF017MW003-190610

Tgt Ion:330 Resp: 1874144

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	26.6	21.8	32.8

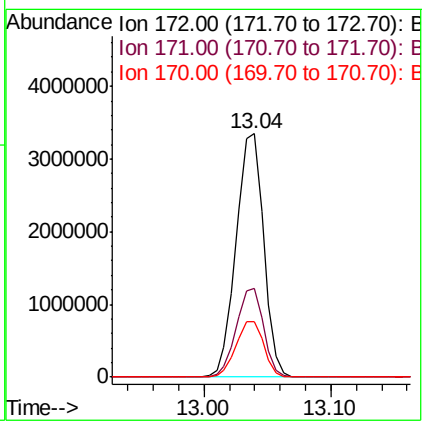


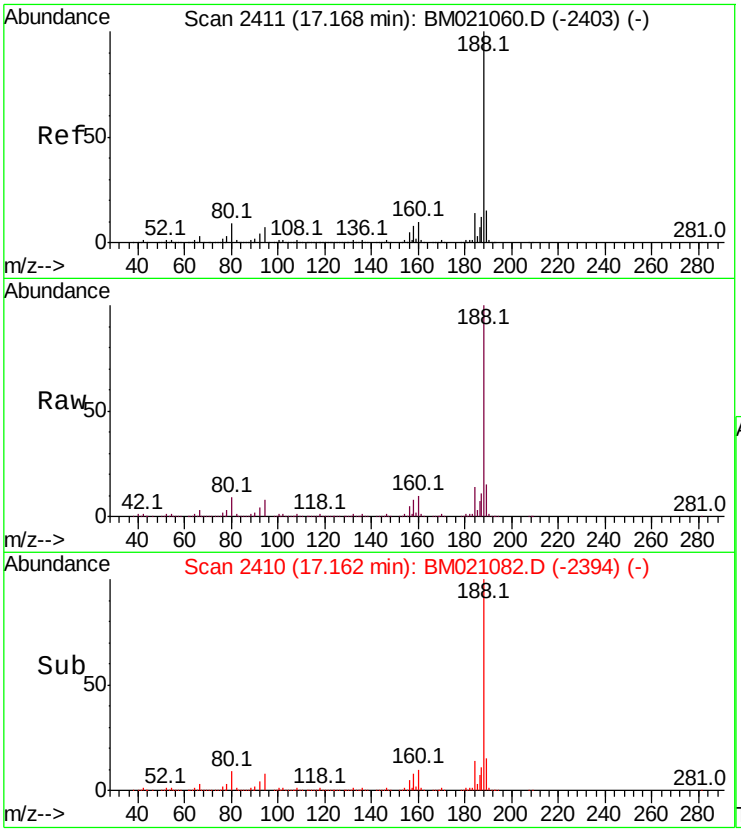


#45
2-Fluorobiphenyl
Concen: 88.068 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Tgt Ion:172 Resp: 5041989

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.0	18.7	28.1



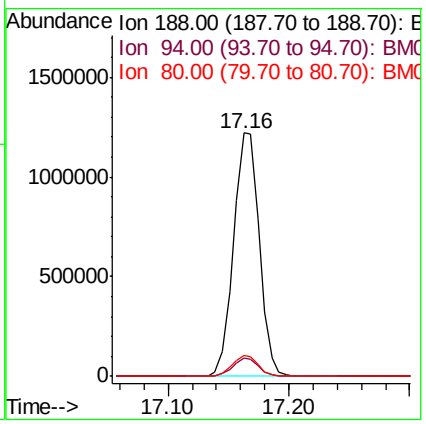


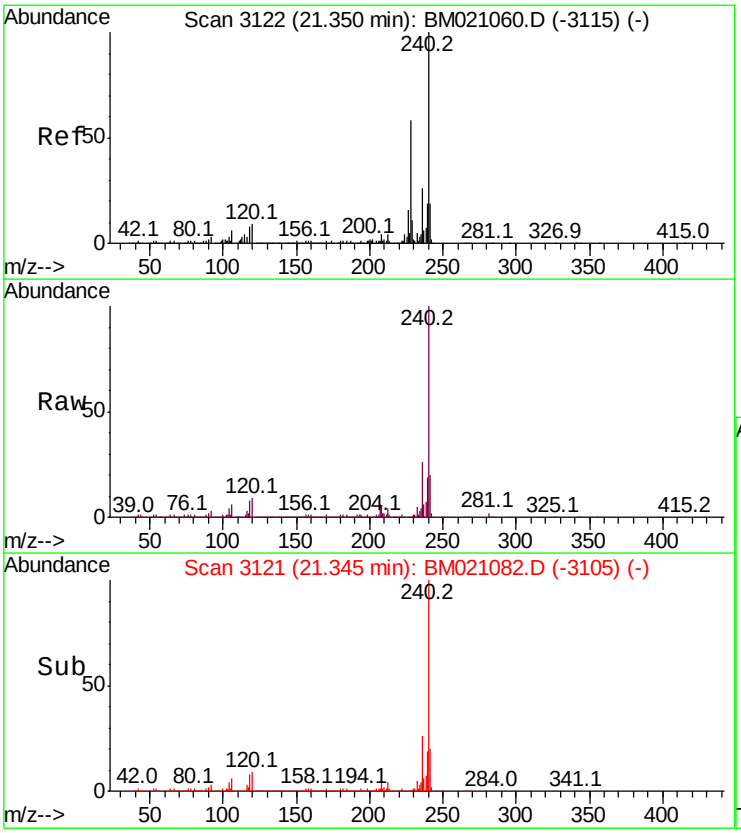
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Instrument :
BNA_M
ClientSampleId :
LF017MW003-190610

Tgt Ion:188 Resp: 1817668

Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.8	8.8
80	8.8	6.9	10.3

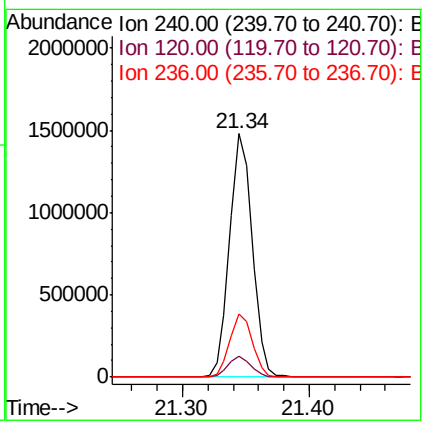


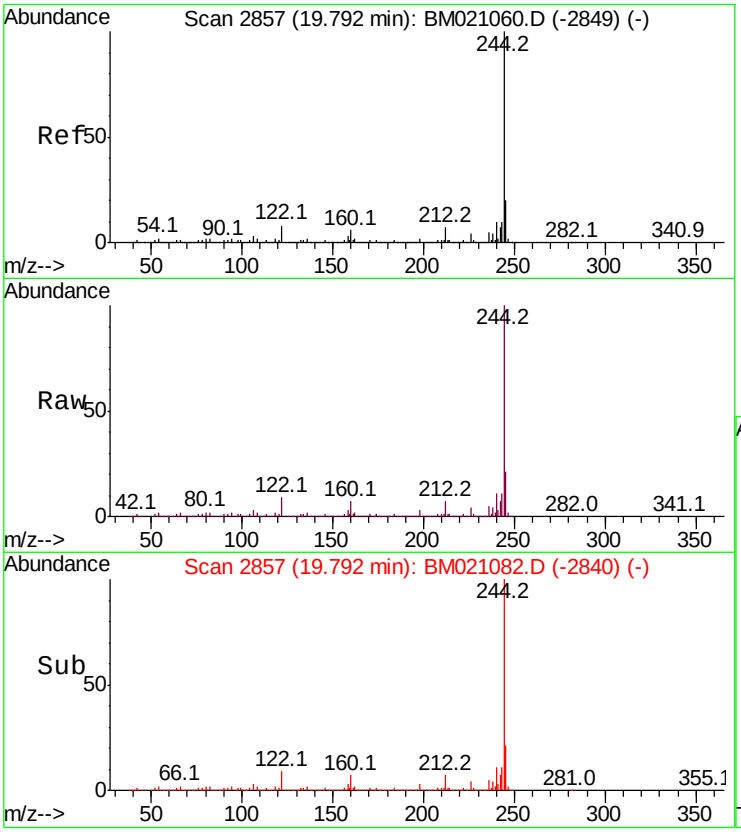


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Tgt Ion:240 Resp: 1832315

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.9	10.3
236	25.9	20.4	30.6



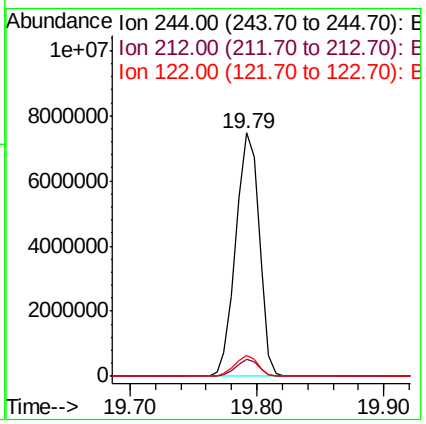


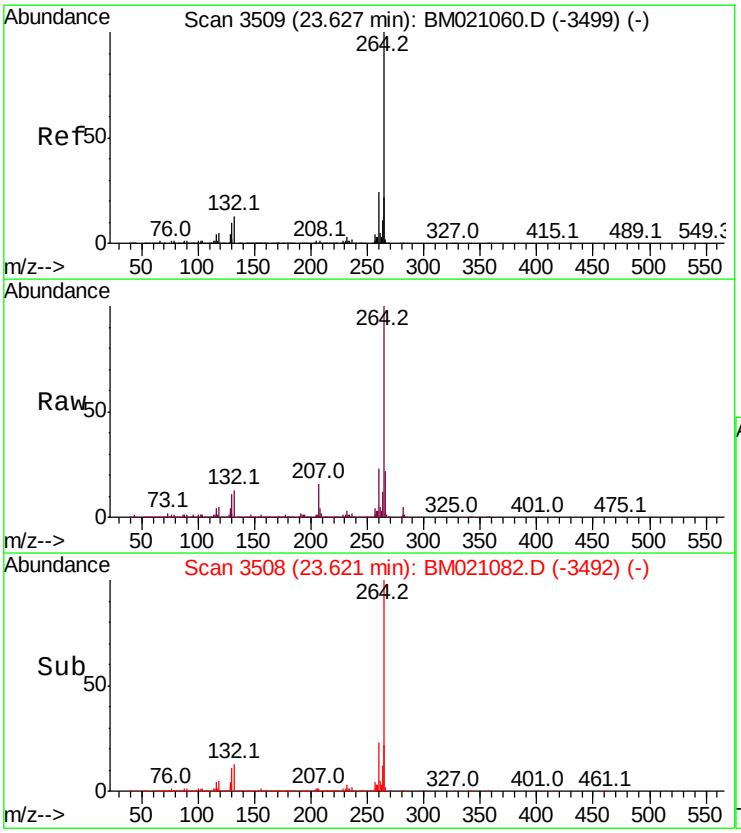
#79
Terphenyl-d14
Concen: 97.296 ng
RT: 19.79 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Instrument :
BNA_M
ClientSampleId :
LF017MW003-190610

Tgt Ion:244 Resp: 9545139

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.3	7.9
122	8.7	6.6	9.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.62 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BM021082.D
Acq: 21 Jun 2019 14:22

Tgt Ion:264 Resp: 1821211

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.2	17.7	26.5