Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020642.D
Acq On : 31 May 2019 23:12
Operator : JU/SJ
Sample : K3072-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1

Quant Time: Jun 03 04:37:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	322203	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1301018	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	634634	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1157863	20.00	ng	0.00
76) Chrysene-d12	21.39	240	967102	20.00	ng	0.00
87) Perylene-d12	23.69	264	1130141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2640122	144.14	ng	0.00
7) Phenol-d6	7.00	99	3736489	138.54	ng	0.00
23) Nitrobenzene-d5	9.00	82	2357397	93.88	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	938487	119.35	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	4205274	88.09	ng	0.00
79) Terphenyl-d14	19.84	244	4136698	71.55	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.93	163	720992	13.298	ng	100

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

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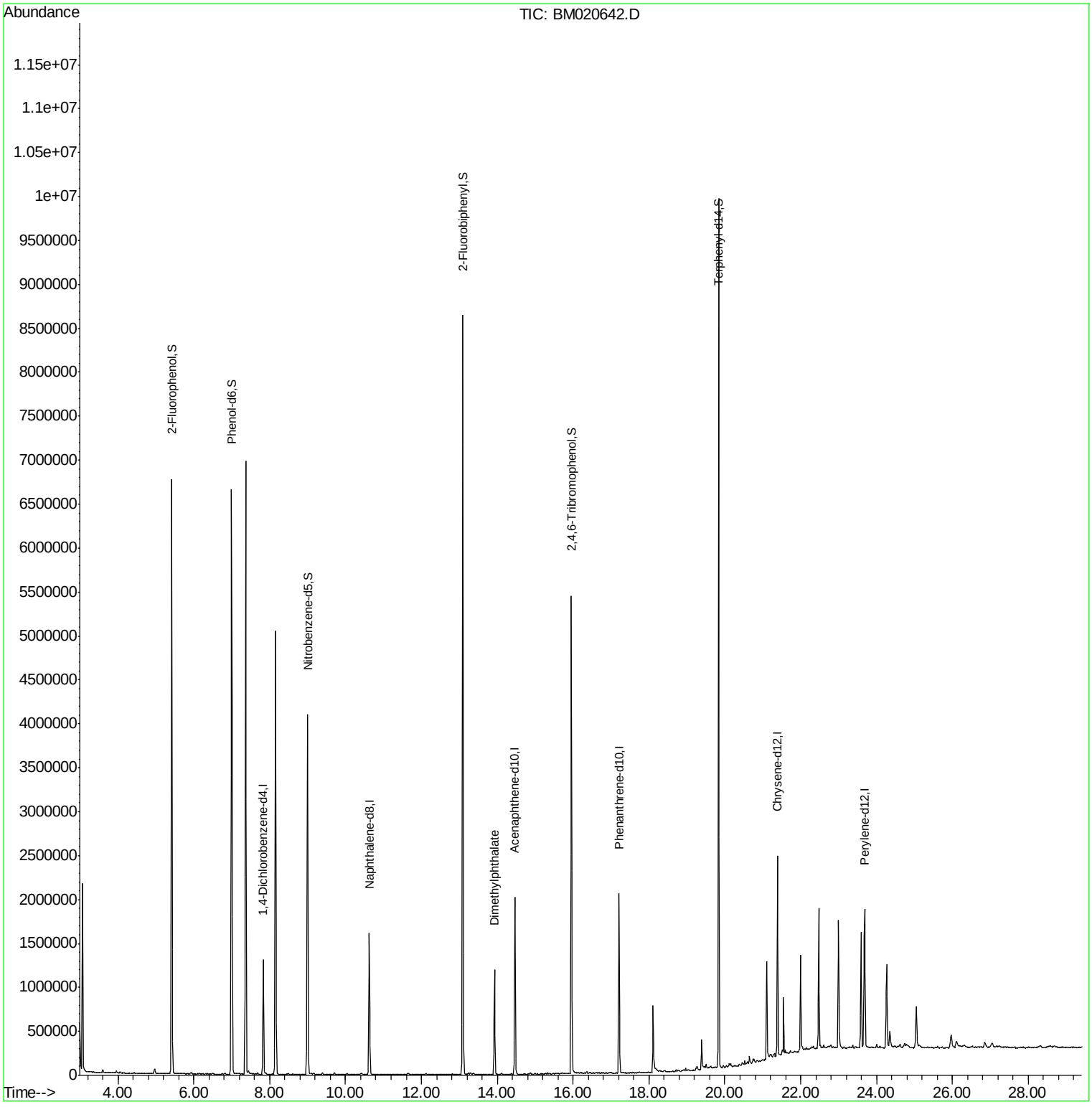
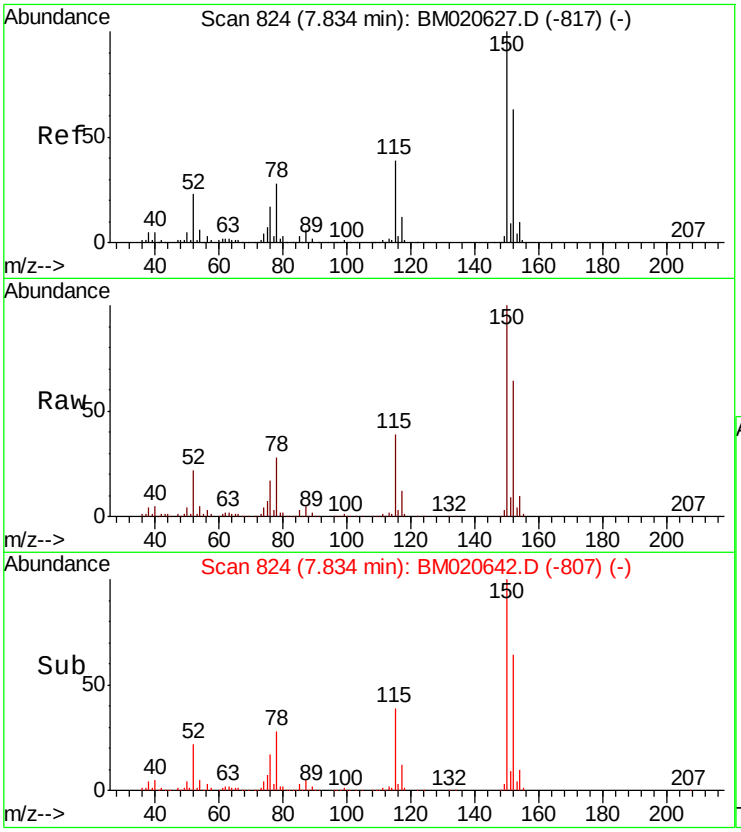


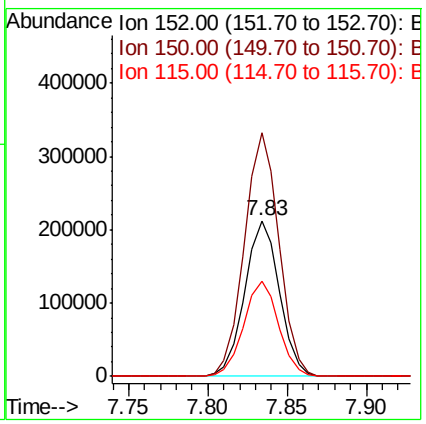


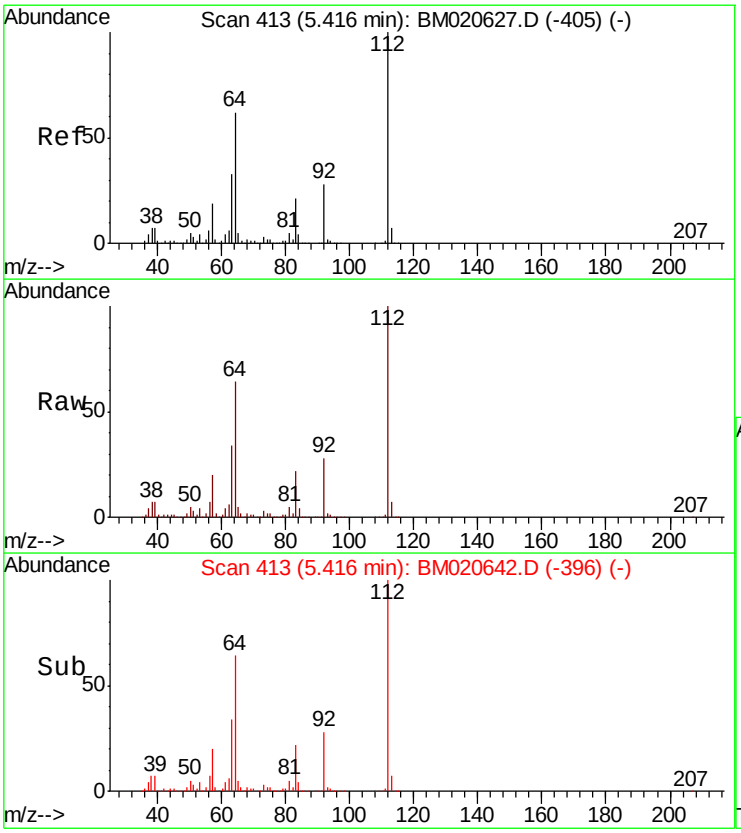
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM020642.D
Acq: 31 May 2019 23:12

Instrument :
BNA_M
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 322203

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.0	189.0
115	61.0	49.6	74.4

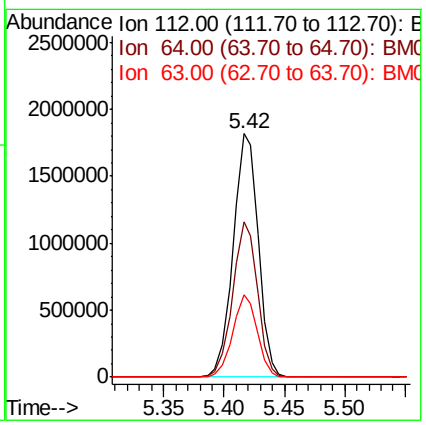


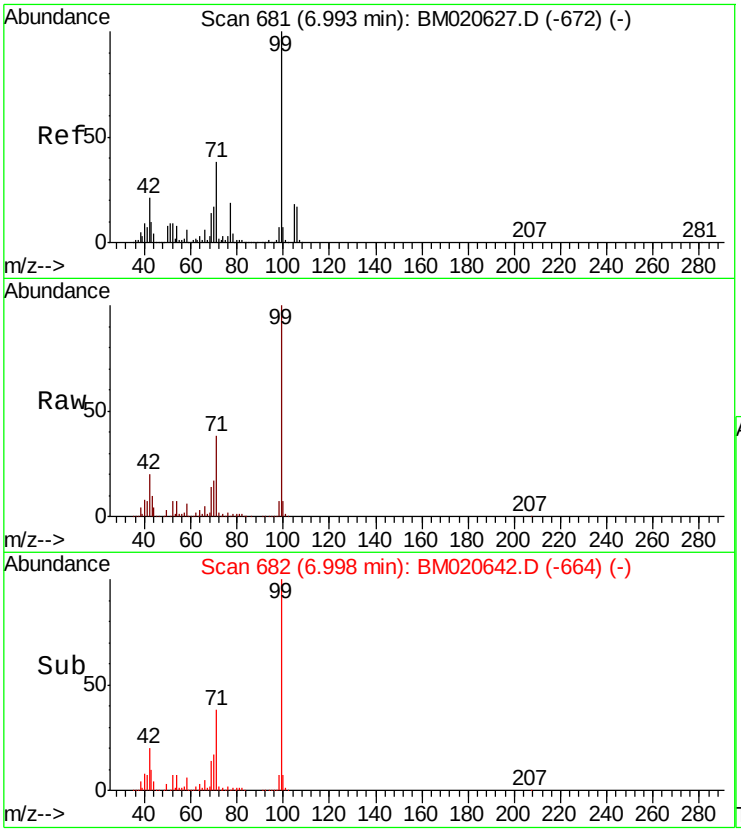


#5
2-Fluorophenol
Concen: 144.137 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.00 min
Lab File: BM020642.D
Acq: 31 May 2019 23:12

Tgt Ion:112 Resp: 2640122

Ion	Ratio	Lower	Upper
112	100		
64	63.6	49.7	74.5
63	33.6	26.4	39.6



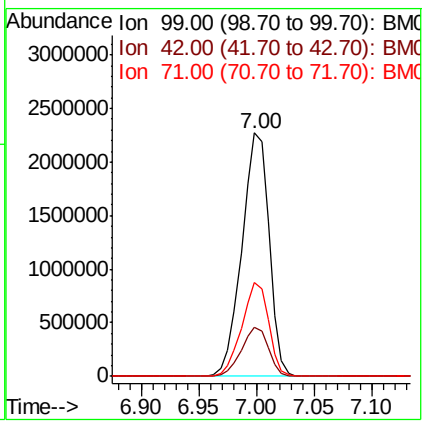


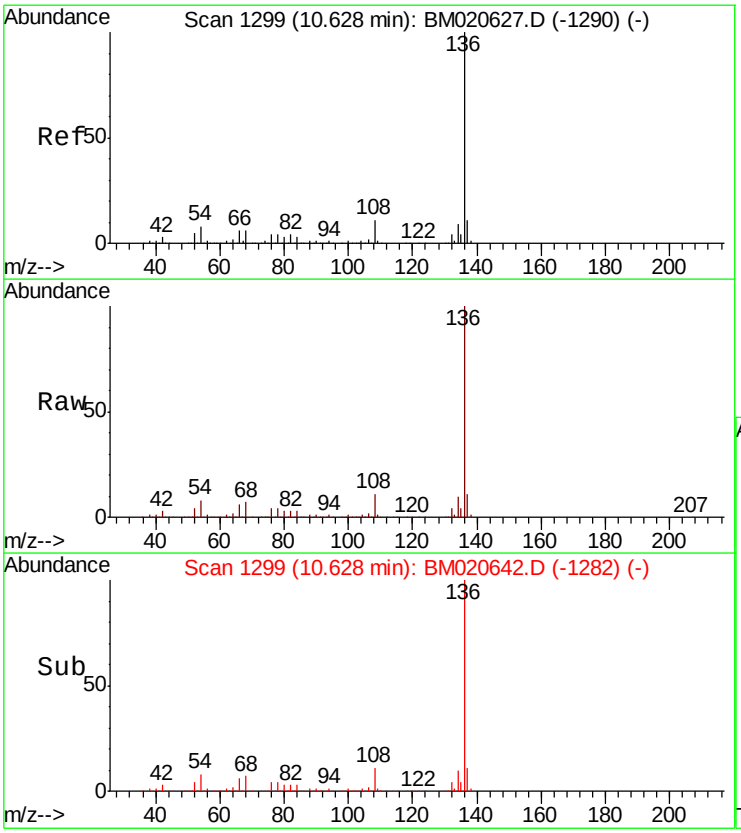
#7
Phenol-d6
Concen: 138.539 ng
RT: 7.00 min Scan# 682
Delta R.T. 0.01 min
Lab File: BM020642.D
Acq: 31 May 2019 23:12

Instrument :
BNA_M
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 3736489

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.5	24.7
71	38.4	30.7	46.1

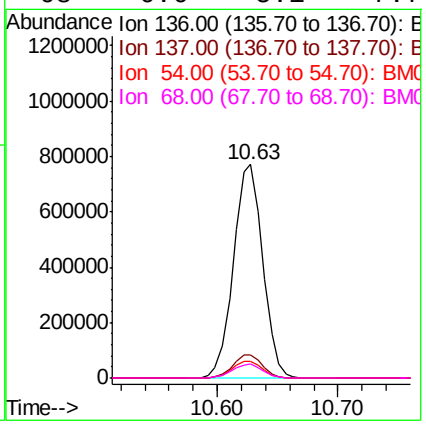


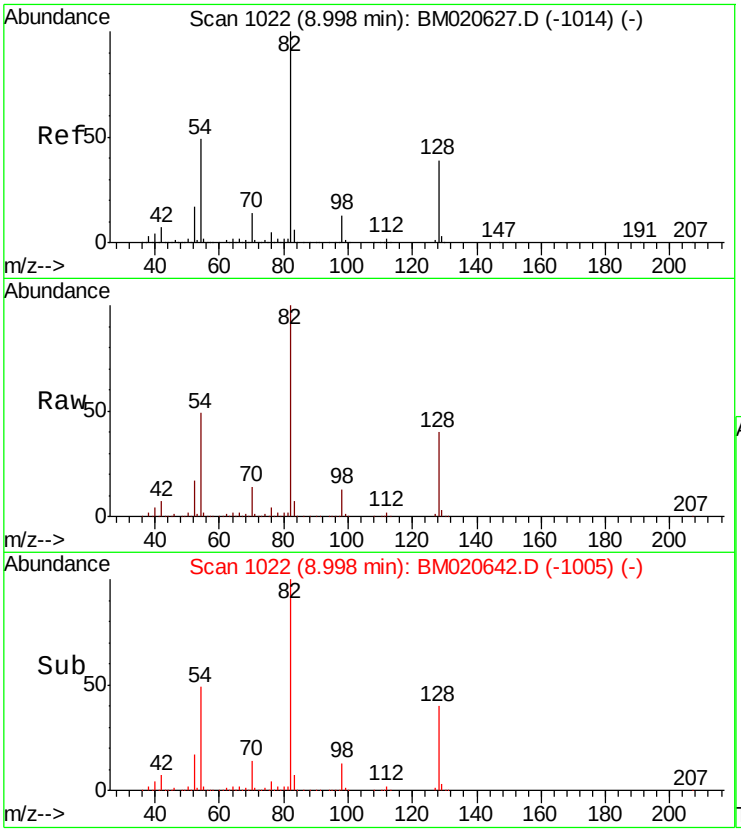


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.63 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM020642.D
Acq: 31 May 2019 23:12

Tgt Ion:136 Resp: 1301018

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	6.6	10.0
68	6.6	5.1	7.7



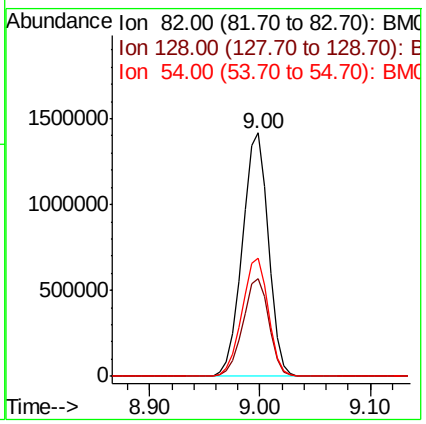


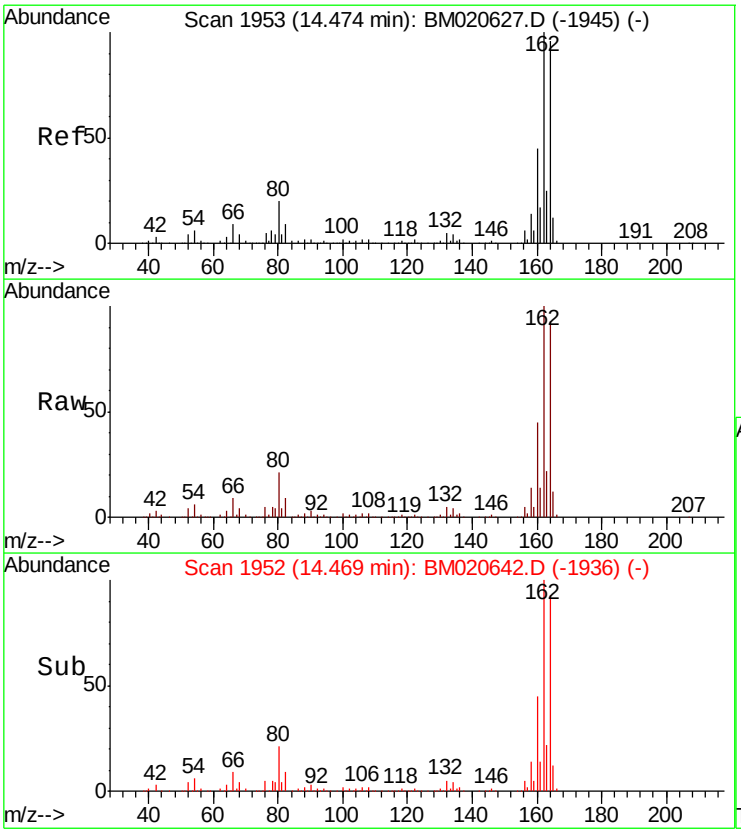
#23
Nitrobenzene-d5
Concen: 93.881 ng
RT: 9.00 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BM020642.D
Acq: 31 May 2019 23:12

Instrument :
BNA_M
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 2357397

Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.5	47.3
54	48.6	39.4	59.0

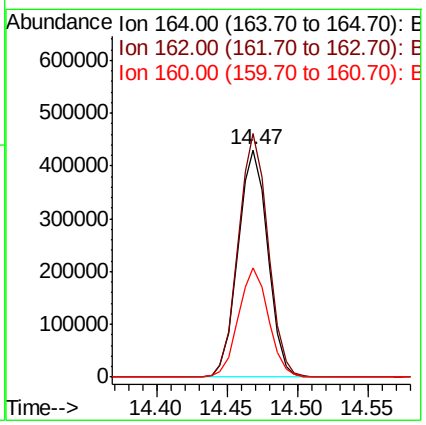


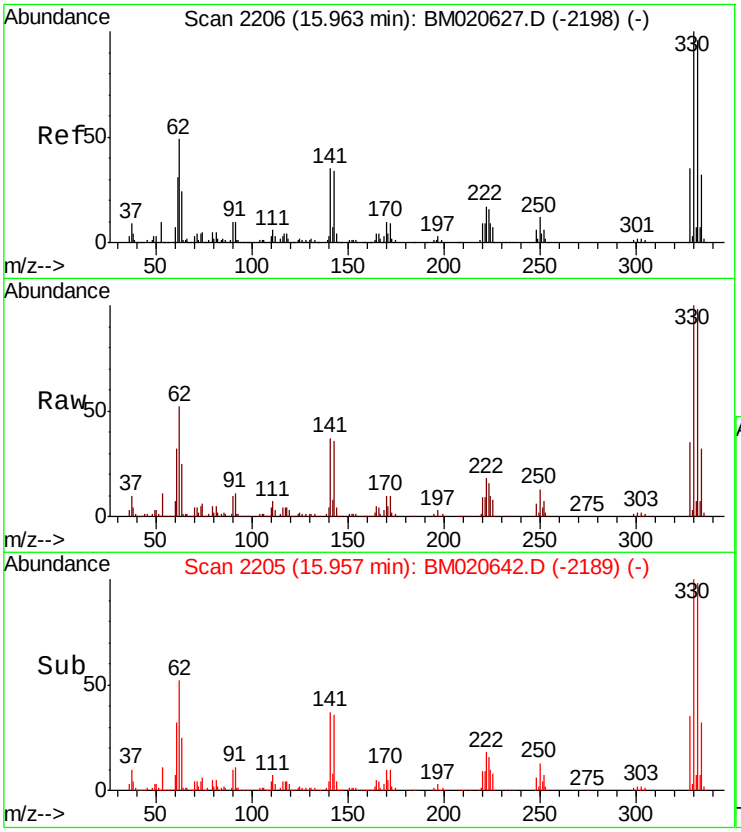


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020642.D
Acq: 31 May 2019 23:12

Tgt Ion:164 Resp: 634634

Ion	Ratio	Lower	Upper
164	100		
162	107.3	83.2	124.8
160	48.2	37.5	56.3



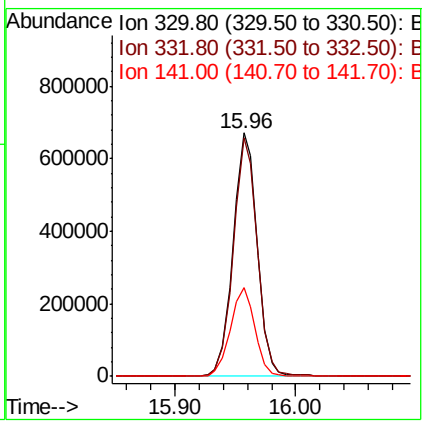


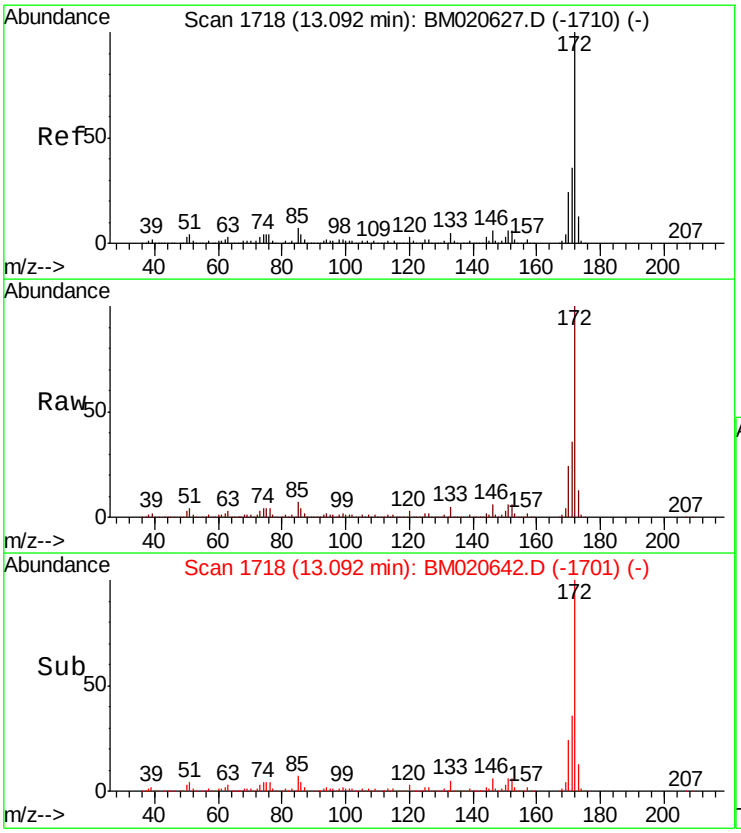
#42
2,4,6-Tribromophenol
Concen: 119.354 ng
RT: 15.96 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM020642.D
Acq: 31 May 2019 23:12

Instrument :
BNA_M
ClientSampleId :
TP-1

Tgt Ion:330 Resp: 938487

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	37.2	30.4	45.6

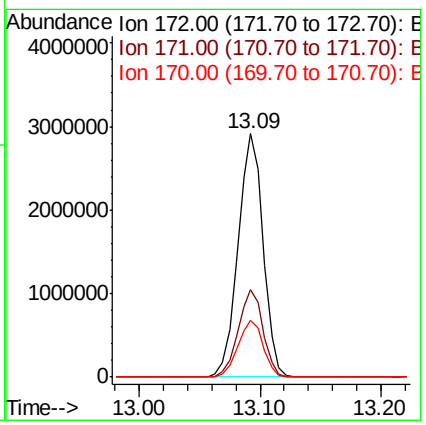


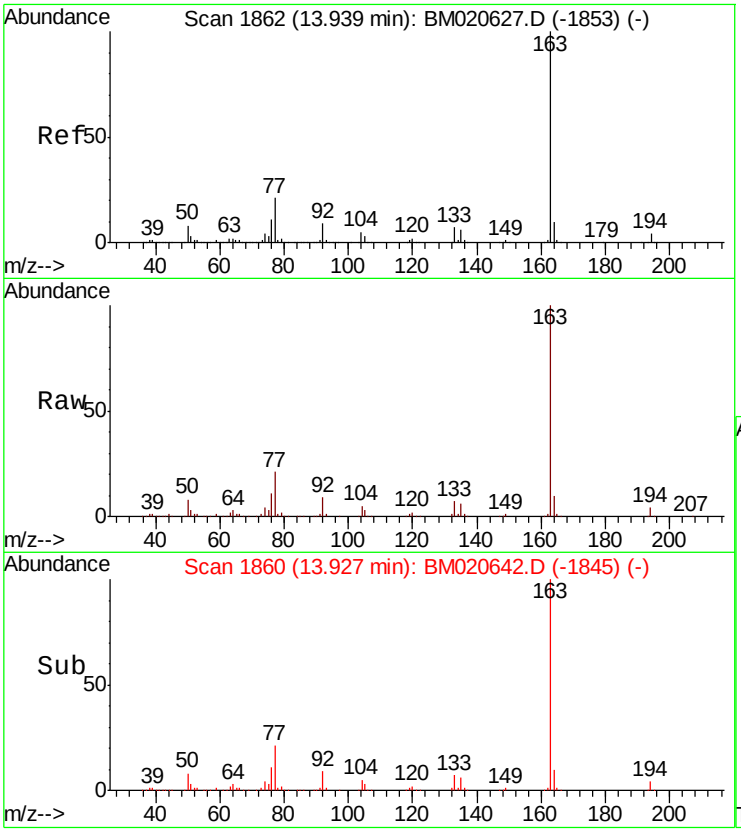


#45
2-Fluorobiphenyl
Concen: 88.093 ng
RT: 13.09 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM020642.D
Acq: 31 May 2019 23:12

Tgt Ion:172 Resp: 4205274

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.5	18.9	28.3



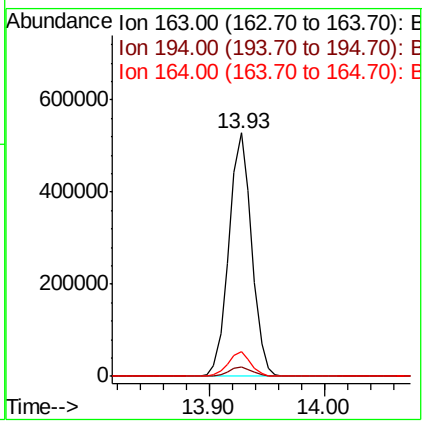


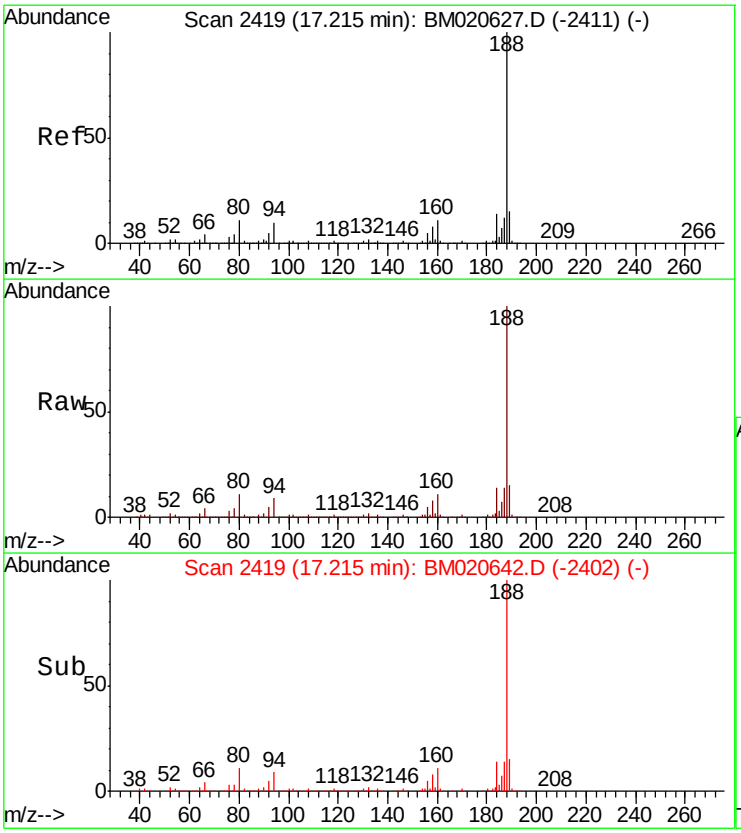
#50
Dimethylphthalate
Concen: 13.298 ng
RT: 13.93 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BM020642.D
Acq: 31 May 2019 23:12

Instrument :
BNA_M
ClientSampleId :
TP-1

Tgt Ion:163 Resp: 720992

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.0	7.9	11.9

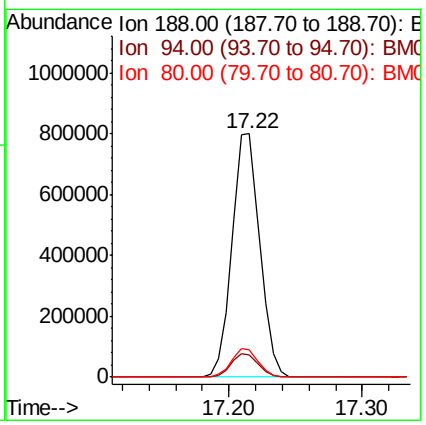


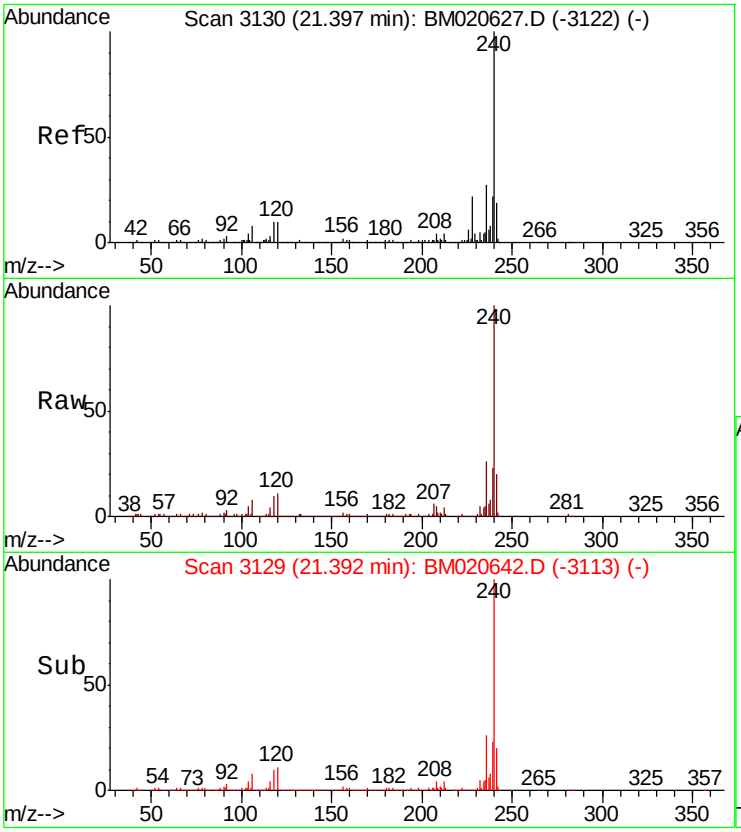


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BM020642.D
Acq: 31 May 2019 23:12

Tgt Ion:188 Resp: 1157863

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.8
80	11.0	9.0	13.6



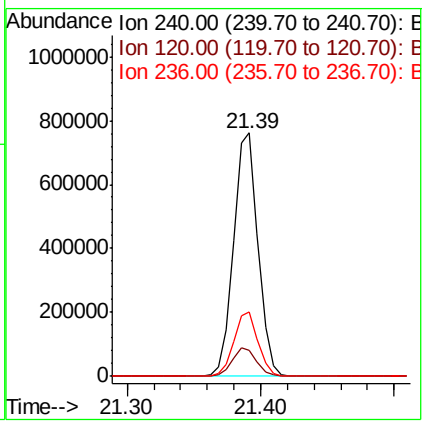


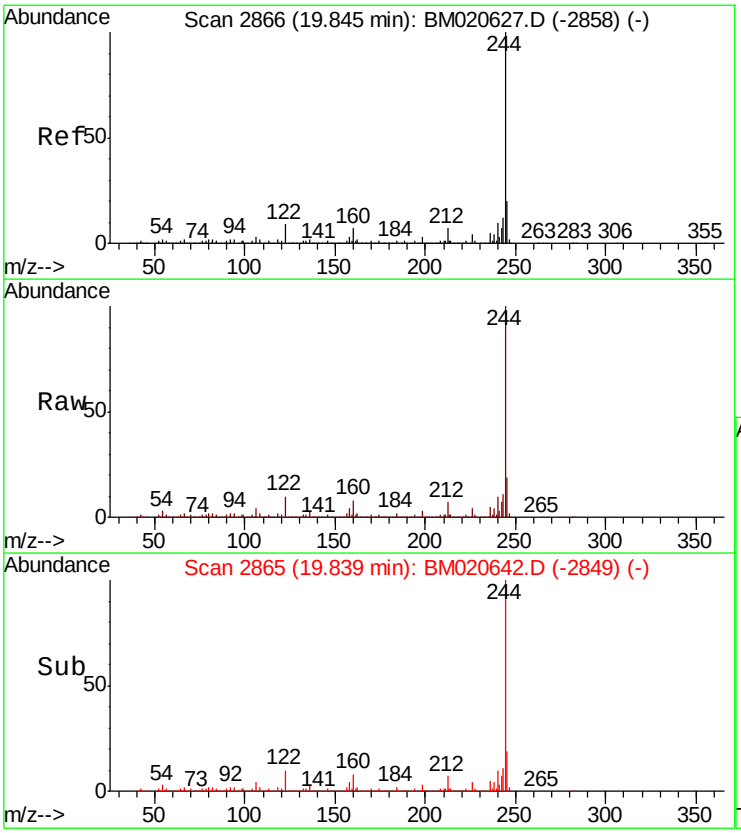
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BM020642.D
Acq: 31 May 2019 23:12

Instrument :
BNA_M
ClientSampleId :
TP-1

Tgt Ion:240 Resp: 967102

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.2	12.2
236	26.4	21.2	31.8

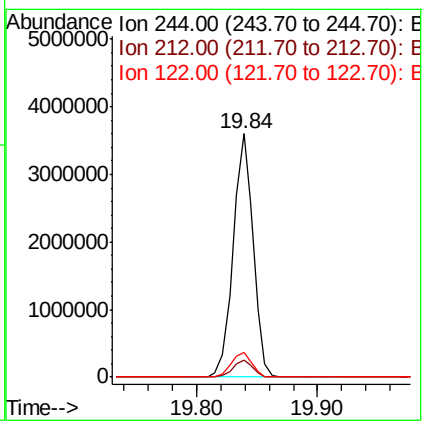


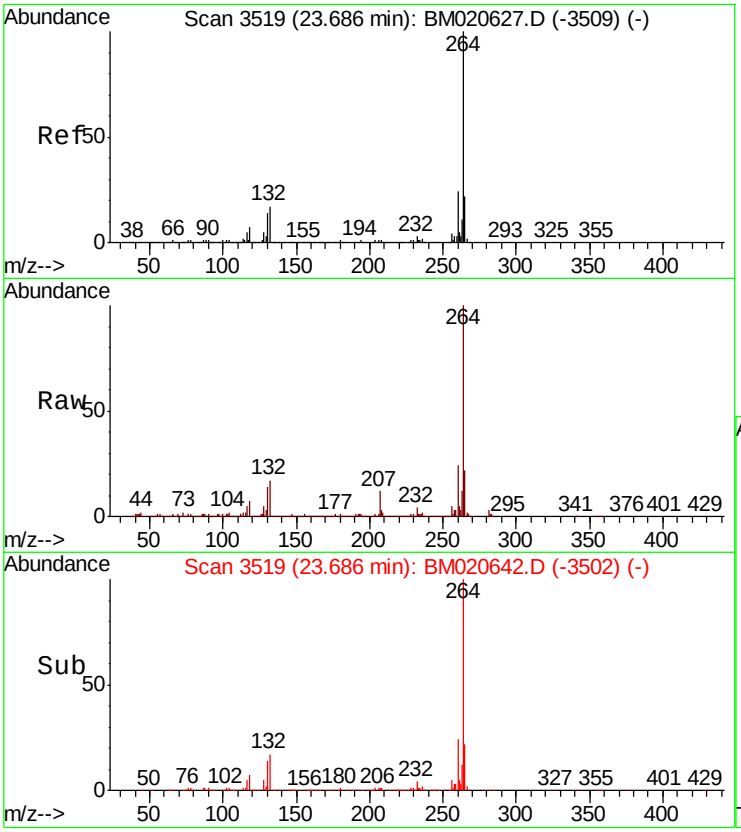


#79
Terphenyl-d14
Concen: 71.546 ng
RT: 19.84 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM020642.D
Acq: 31 May 2019 23:12

Tgt Ion:244 Resp: 4136698

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.3	7.2	10.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.69 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BM020642.D
Acq: 31 May 2019 23:12

Instrument :
BNA_M
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 1130141

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	17.6	26.4