Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\
Data File : BM020281.D
Acq On : 11 May 2019 20:20
Operator : JU/SJ
Sample : K2763-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P021-SS005-1218-01

Quant Time: May 12 03:12:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	46335	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	157216	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	93173	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	218470	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	235295	20.00	ng	-0.02
87) Perylene-d12	23.64	264	281322	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	384860	135.77	ng	-0.02
7) Phenol-d6	6.93	99	504956	130.39	ng	-0.02
23) Nitrobenzene-d5	8.93	82	349674	87.81	ng	-0.02
42) 2,4,6-Tribromophenol	15.90	330	193743	133.97	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	579682	76.55	ng	-0.03
79) Terphenyl-d14	19.79	244	907020	67.24	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	13.87	163	47062	5.943	ng	97

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

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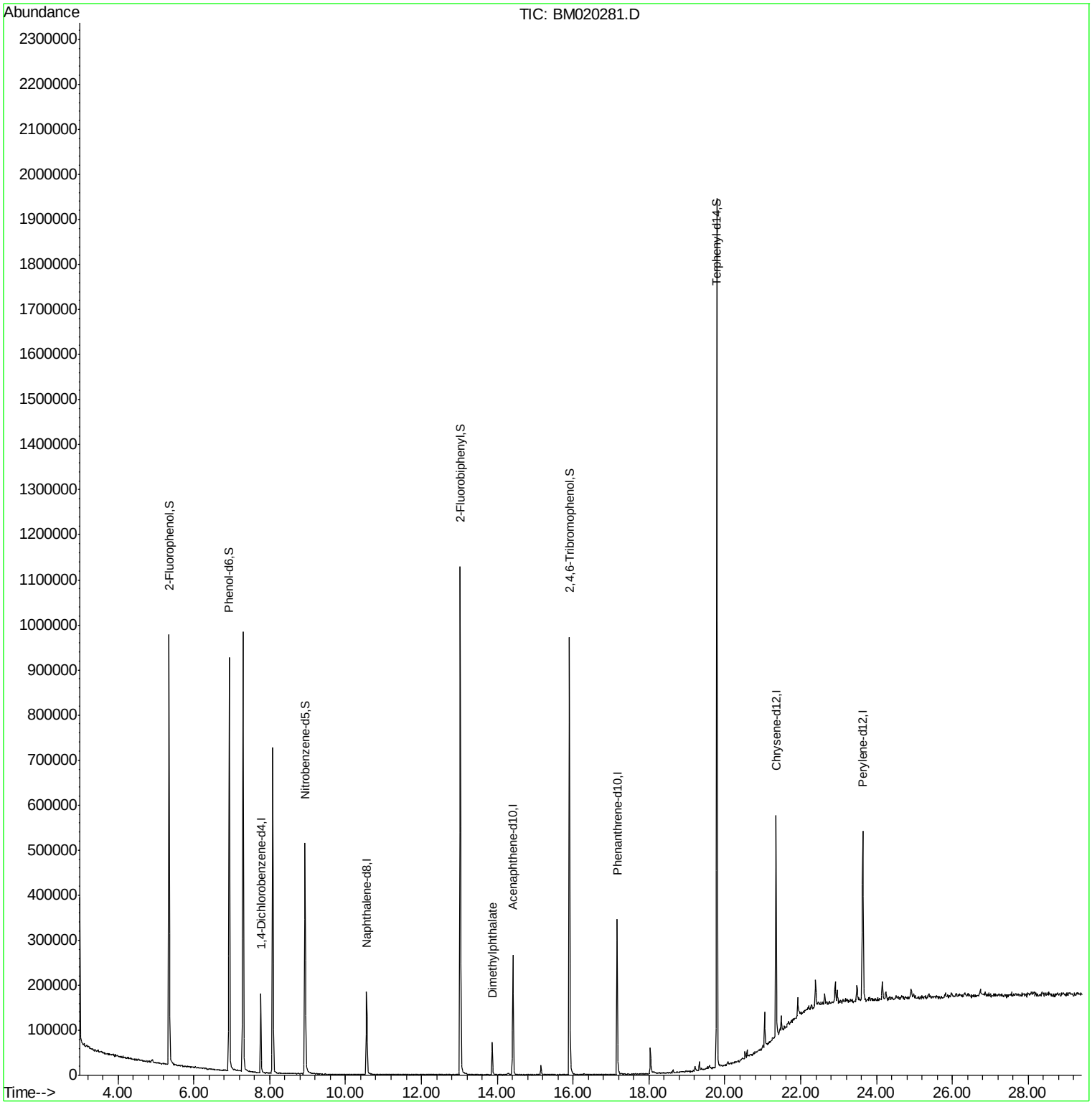
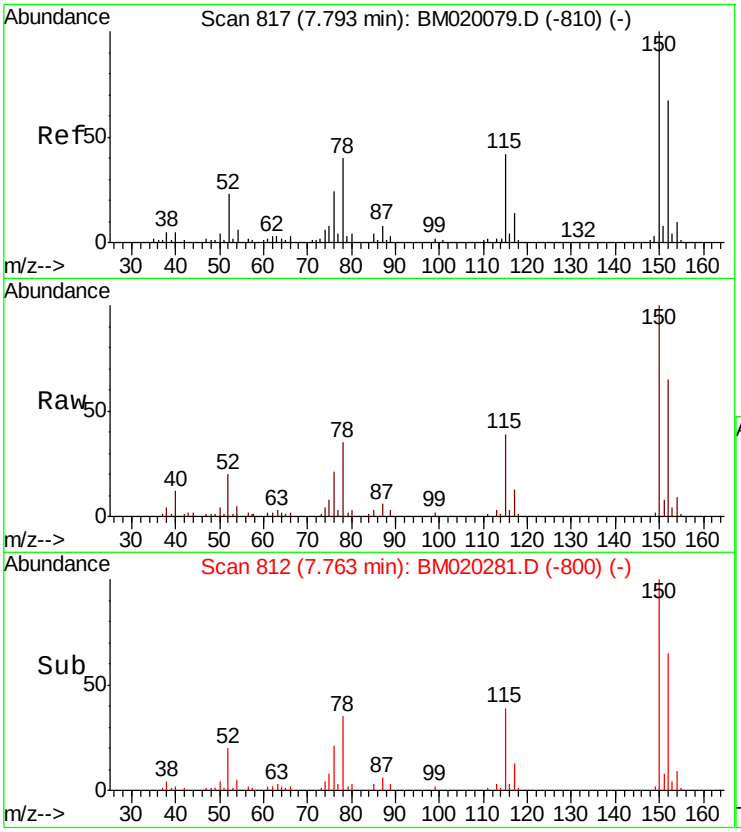


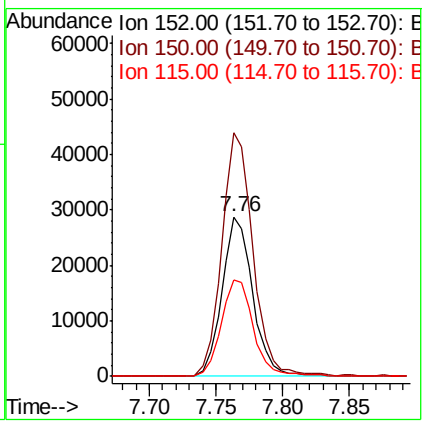


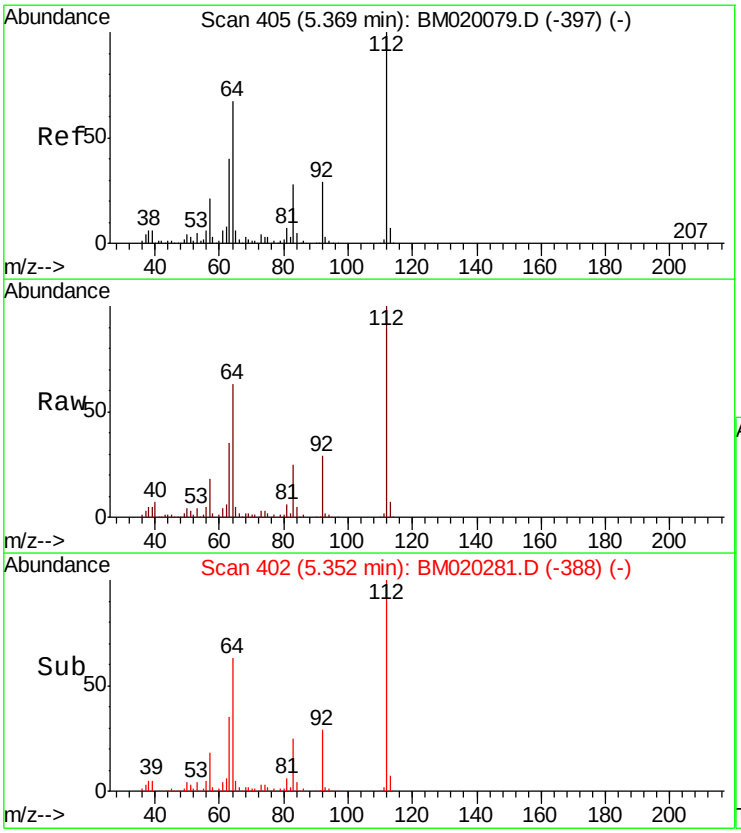
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020281.D
Acq: 11 May 2019 20:20

Instrument :
BNA_M
ClientSampleId :
P021-SS005-1218-01

Tgt Ion:152 Resp: 46335

Ion	Ratio	Lower	Upper
152	100		
150	152.8	119.8	179.8
115	60.1	50.8	76.2

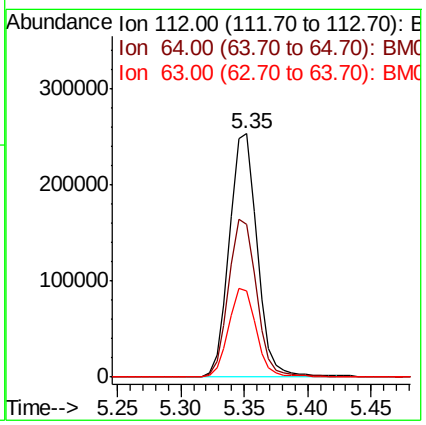


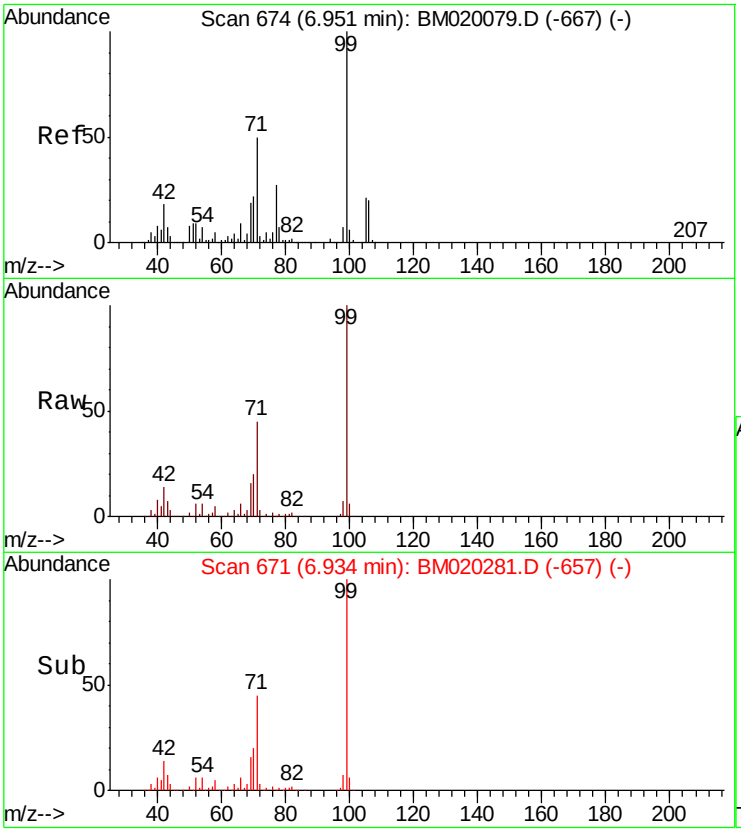


#5
2-Fluorophenol
Concen: 135.770 ng
RT: 5.35 min Scan# 402
Delta R.T. -0.02 min
Lab File: BM020281.D
Acq: 11 May 2019 20:20

Tgt Ion:112 Resp: 384860

Ion	Ratio	Lower	Upper
112	100		
64	62.6	53.8	80.6
63	35.5	32.3	48.5



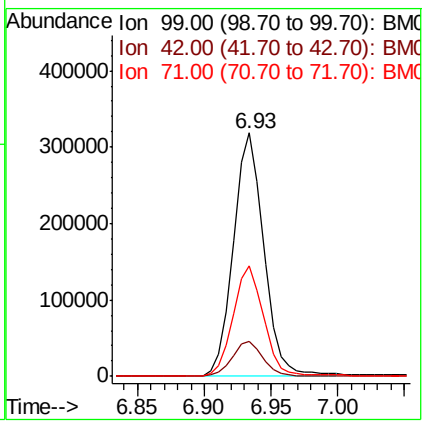


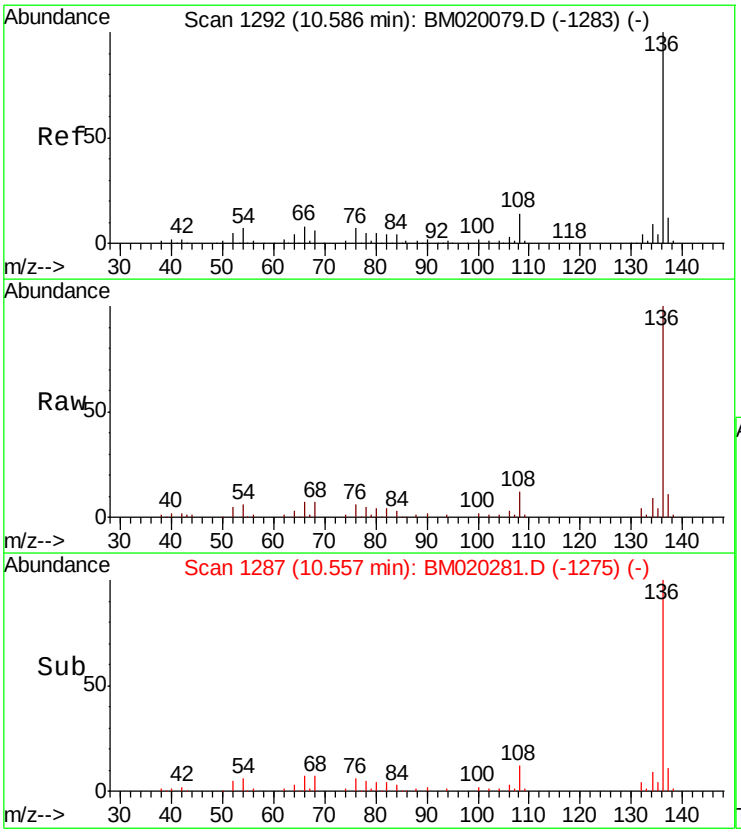
#7
Phenol-d6
Concen: 130.394 ng
RT: 6.93 min Scan# 671
Delta R.T. -0.02 min
Lab File: BM020281.D
Acq: 11 May 2019 20:20

Instrument :
BNA_M
ClientSampleId :
P021-SS005-1218-01

Tgt Ion: 99 Resp: 504956

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.2	21.2
71	45.2	40.3	60.5

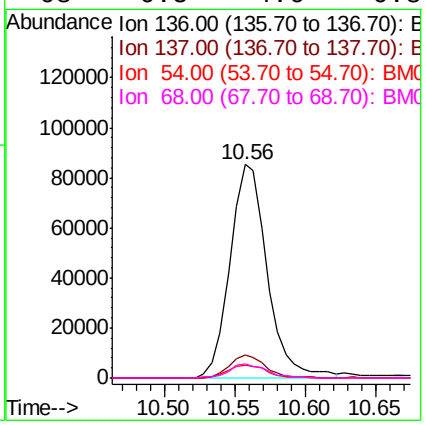


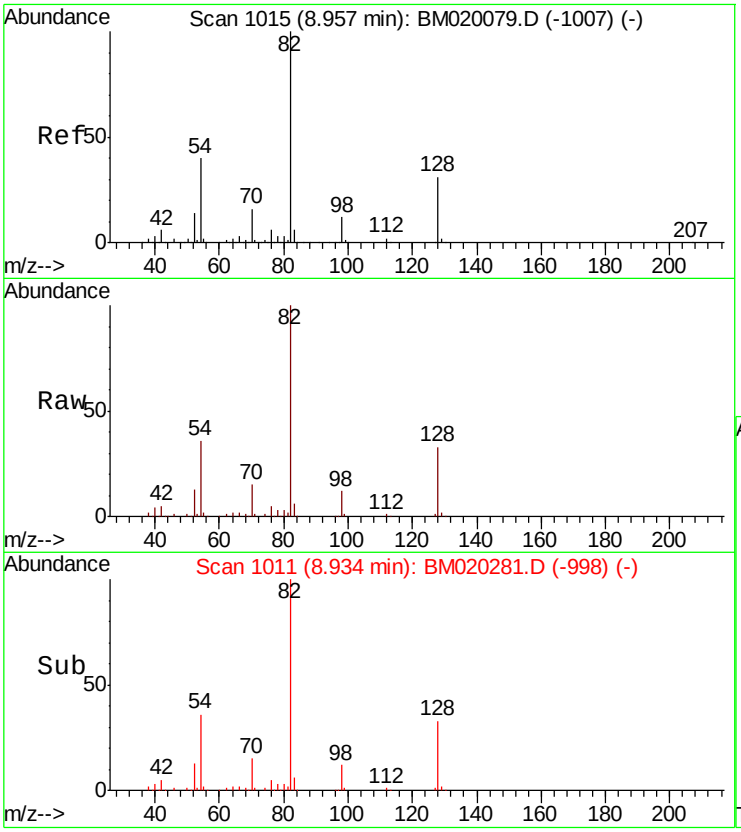


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BM020281.D
Acq: 11 May 2019 20:20

Tgt Ion:136 Resp: 157216

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	5.8	5.5	8.3
68	6.5	4.6	6.8



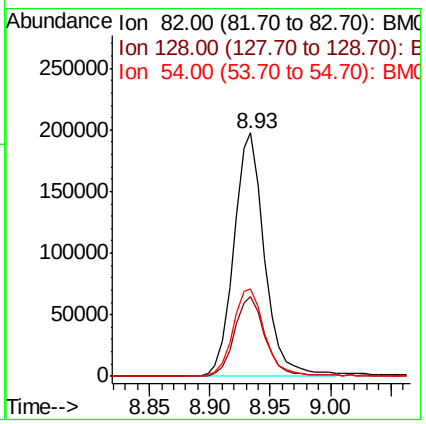


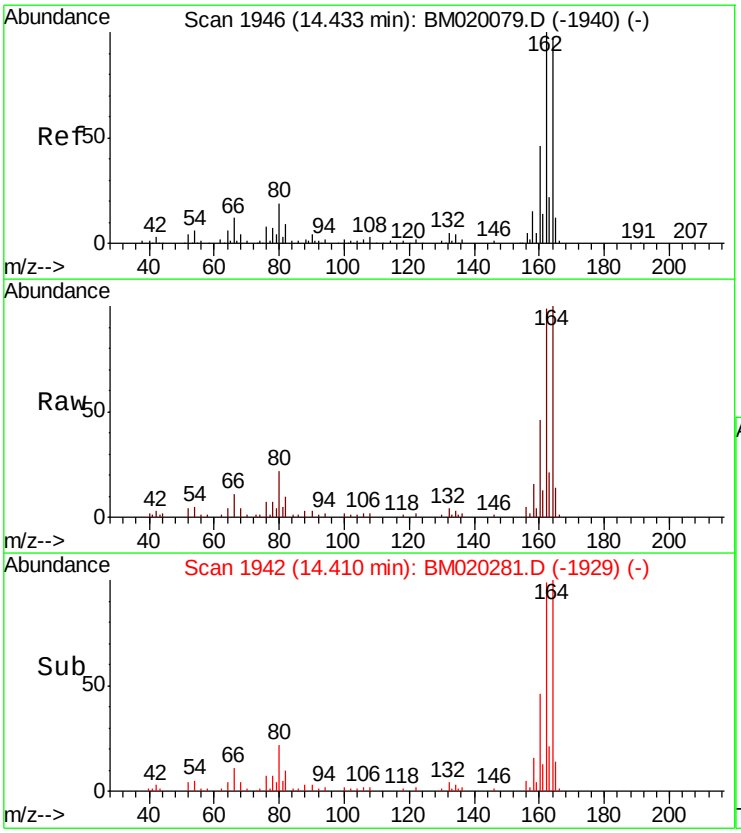
#23
Nitrobenzene-d5
Concen: 87.810 ng
RT: 8.93 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BM020281.D
Acq: 11 May 2019 20:20

Instrument :
BNA_M
ClientSampleId :
P021-SS005-1218-01

Tgt Ion: 82 Resp: 349674

Ion	Ratio	Lower	Upper
82	100		
128	32.9	25.2	37.8
54	36.1	31.9	47.9

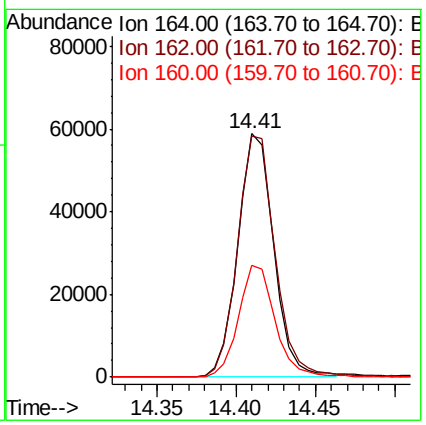


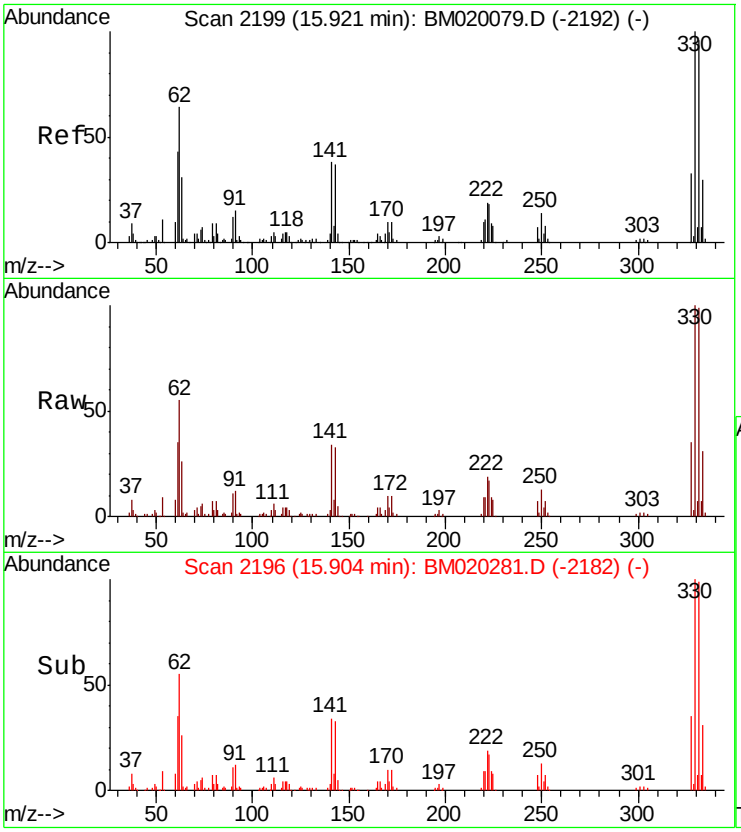


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020281.D
Acq: 11 May 2019 20:20

Tgt Ion:164 Resp: 93173

Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.2	123.2
160	45.7	37.6	56.4



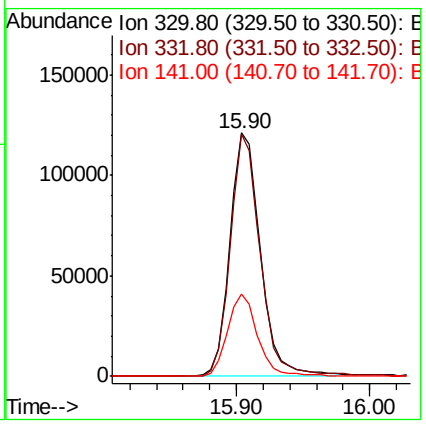


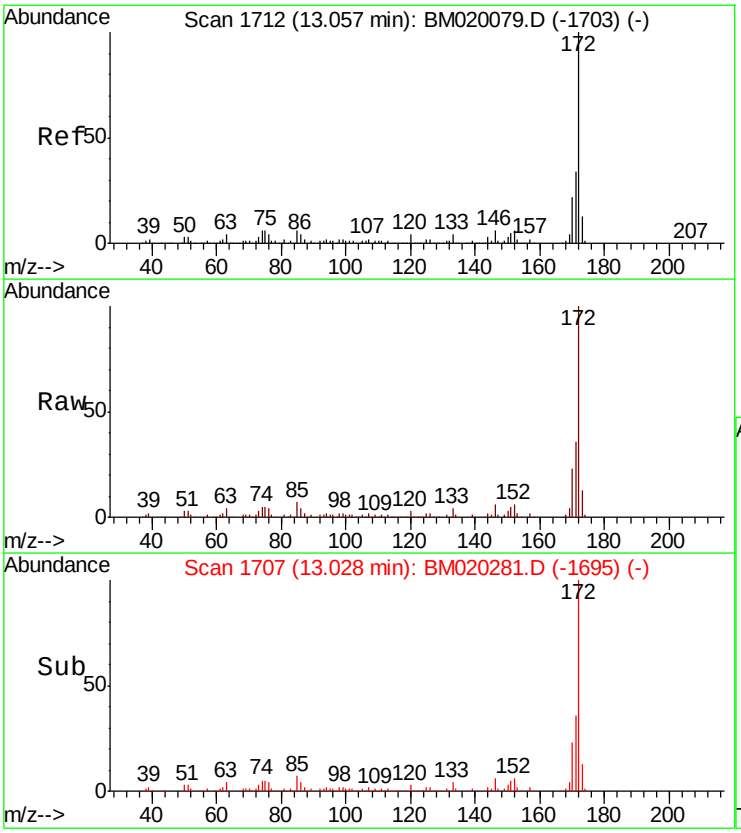
#42
2,4,6-Tribromophenol
Concen: 133.965 ng
RT: 15.90 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BM020281.D
Acq: 11 May 2019 20:20

Instrument :
BNA_M
ClientSampleId :
P021-SS005-1218-01

Tgt Ion:330 Resp: 193743

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	33.3	29.2	43.8

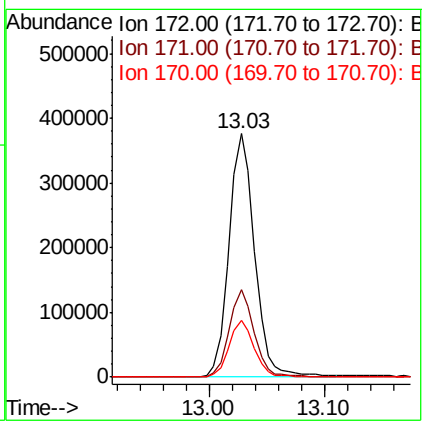


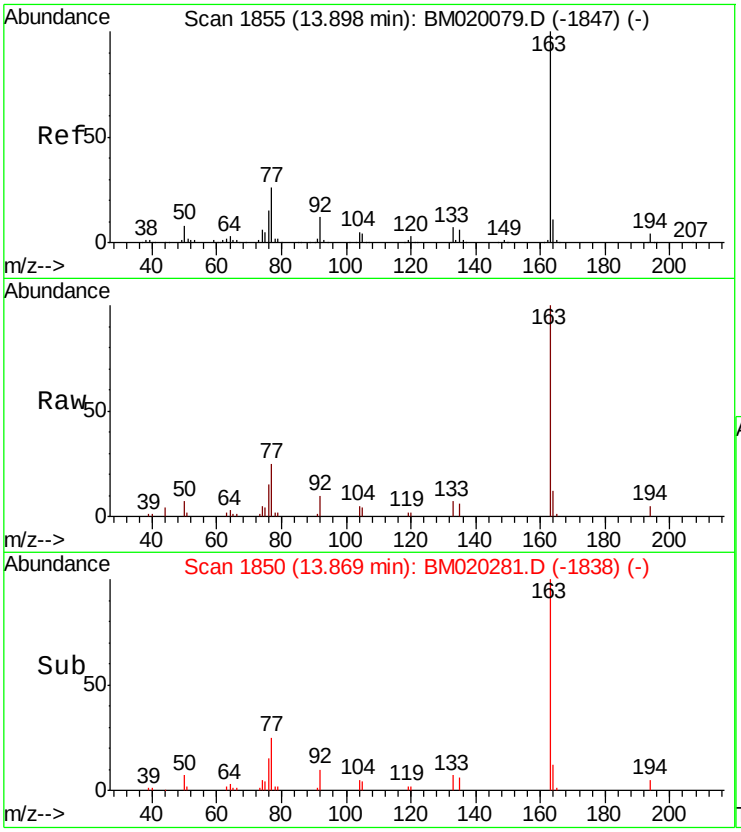


#45
2-Fluorobiphenyl
Concen: 76.548 ng
RT: 13.03 min Scan# 1707
Delta R.T. -0.03 min
Lab File: BM020281.D
Acq: 11 May 2019 20:20

Tgt Ion:172 Resp: 579682

Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.3	40.9
170	23.4	17.9	26.9



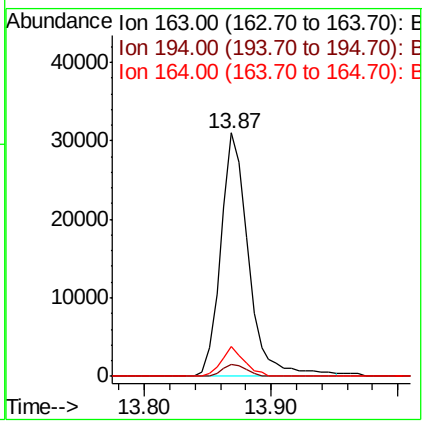


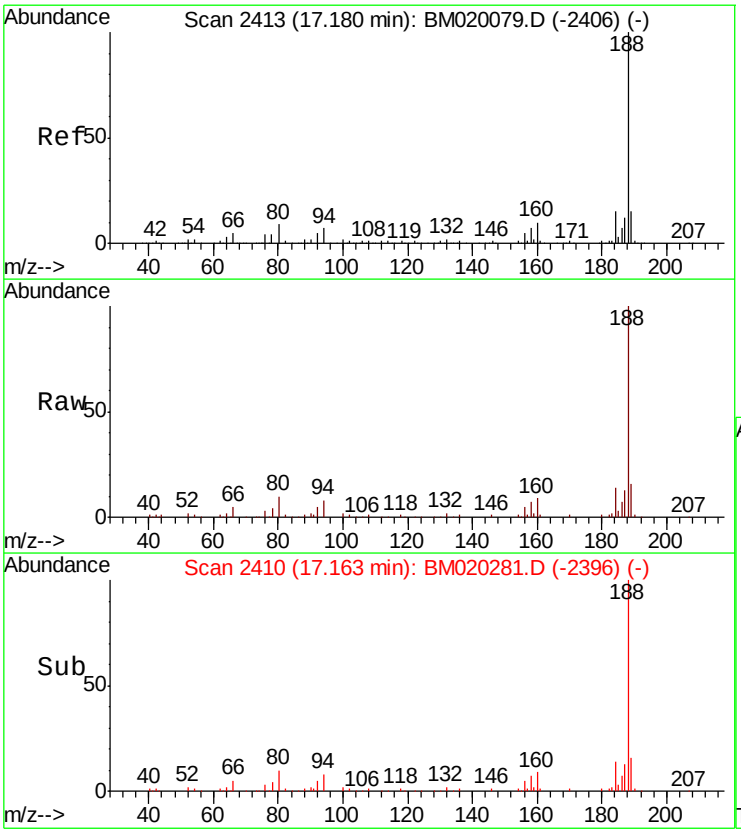
#50
Dimethylphthalate
Concen: 5.943 ng
RT: 13.87 min Scan# 1850
Delta R.T. -0.03 min
Lab File: BM020281.D
Acq: 11 May 2019 20:20

Instrument :
BNA_M
ClientSampleId :
P021-SS005-1218-01

Tgt Ion:163 Resp: 47062

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	12.2	8.4	12.6

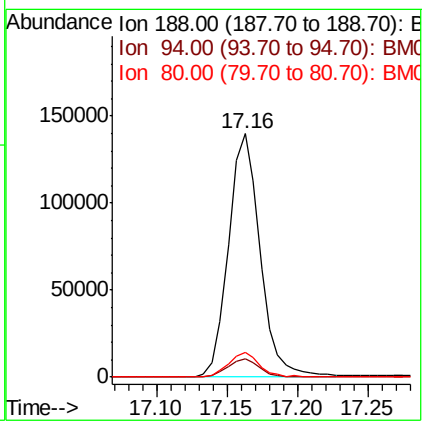


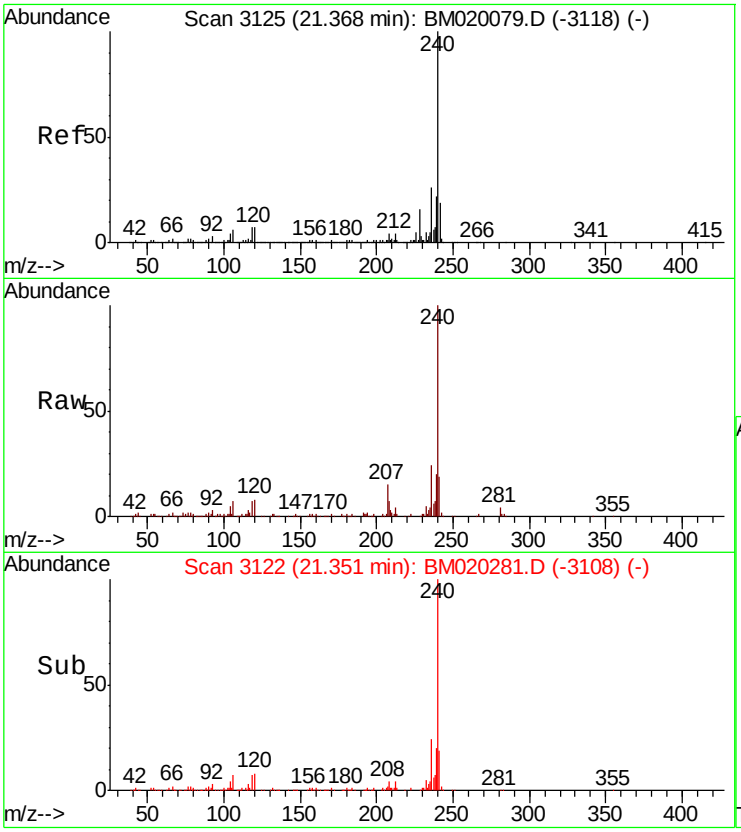


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.02 min
Lab File: BM020281.D
Acq: 11 May 2019 20:20

Tgt Ion:188 Resp: 218470

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.6
80	10.2	7.4	11.2



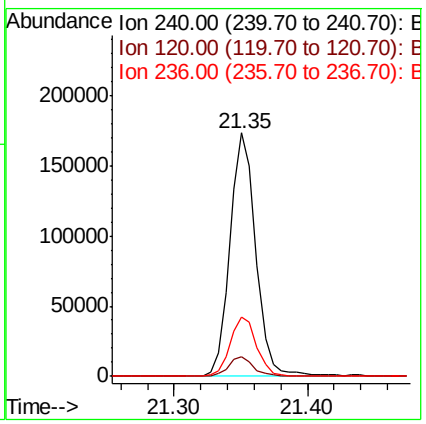


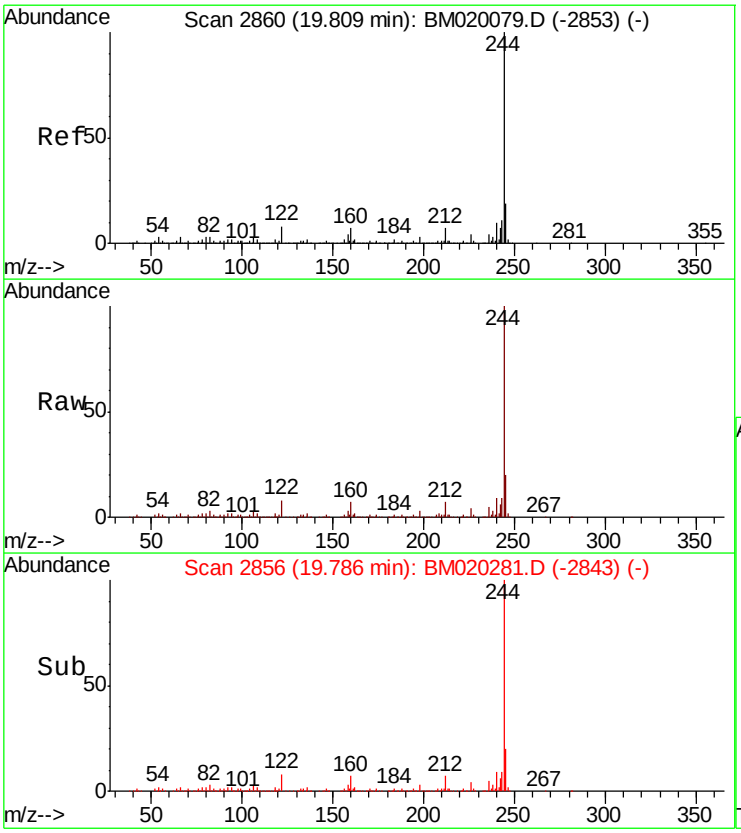
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020281.D
Acq: 11 May 2019 20:20

Instrument :
BNA_M
ClientSampleId :
P021-SS005-1218-01

Tgt Ion:240 Resp: 235295

Ion	Ratio	Lower	Upper
240	100		
120	8.1	5.6	8.4
236	24.4	20.9	31.3

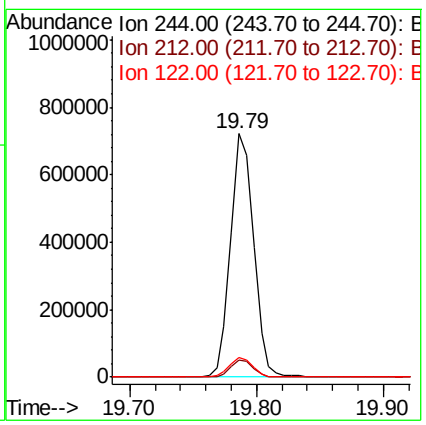


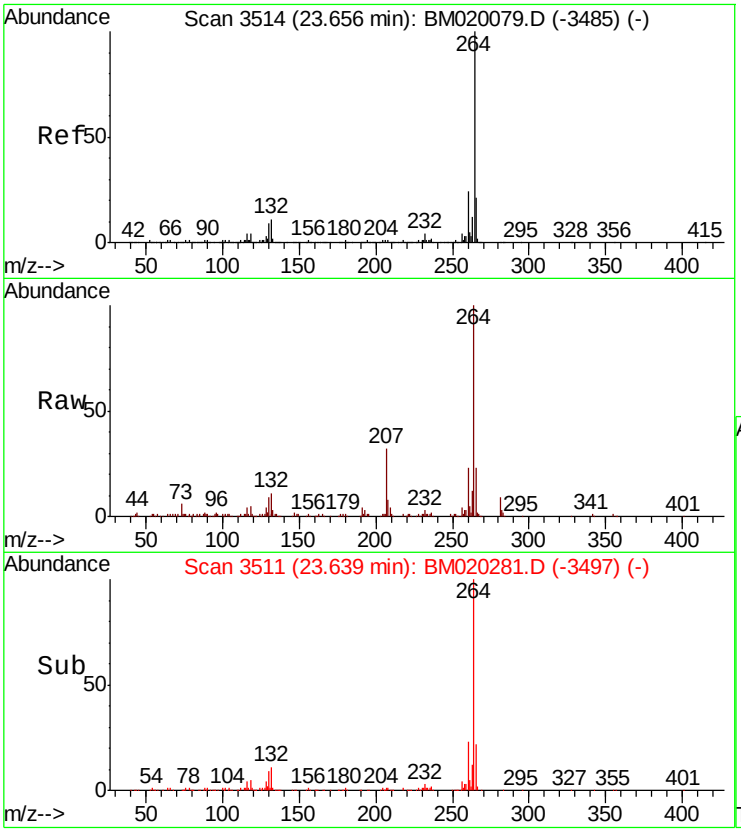


#79
Terphenyl-d14
Concen: 67.237 ng
RT: 19.79 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BM020281.D
Acq: 11 May 2019 20:20

Tgt Ion:244 Resp: 907020

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	7.9	6.2	9.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM020281.D
Acq: 11 May 2019 20:20

Instrument :
BNA_M
ClientSampleId :
P021-SS005-1218-01

Tgt Ion:264 Resp: 281322

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.8	16.9	25.3