Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
Data File : BM020579.D
Acq On : 28 May 2019 13:50
Operator : JU/SJ
Sample : K2643-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-03-052319-A

Quant Time: May 28 14:27:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	49888	20.00	ng	-0.01
21) Naphthalene-d8	10.45	136	133186	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	94111	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	220812	20.00	ng	0.00
76) Chrysene-d12	21.27	240	287570	20.00	ng	0.00
87) Perylene-d12	23.50	264	342369	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	339866	133.65	ng	-0.01
7) Phenol-d6	6.83	99	350387	91.29	ng	-0.01
23) Nitrobenzene-d5	8.82	82	319559	100.71	ng	-0.02
42) 2,4,6-Tribromophenol	15.81	330	238787	126.65	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	697471	93.00	ng	-0.01
79) Terphenyl-d14	19.70	244	1603250	100.79	ng	-0.01
Target Compounds						Qvalue

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

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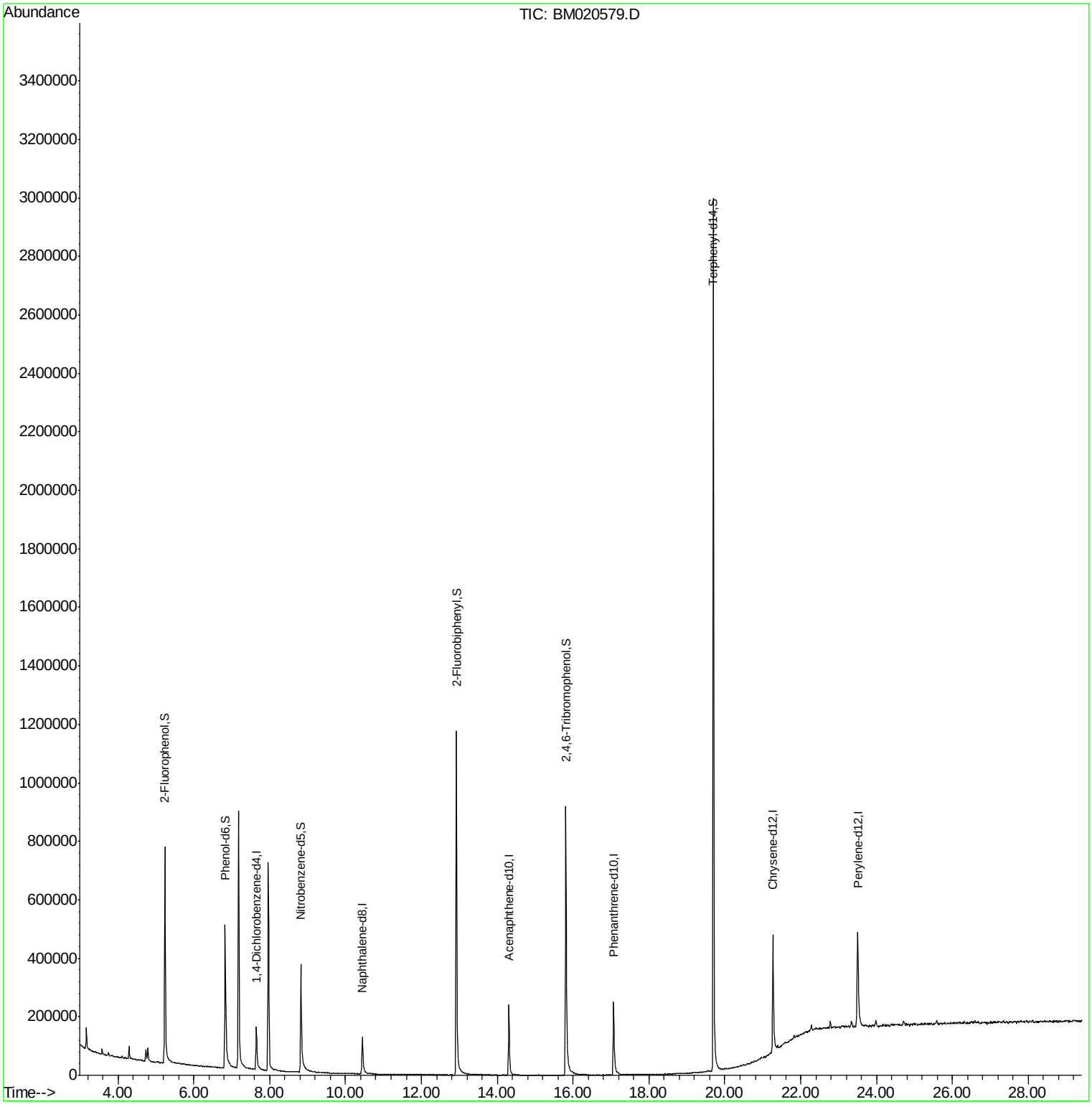
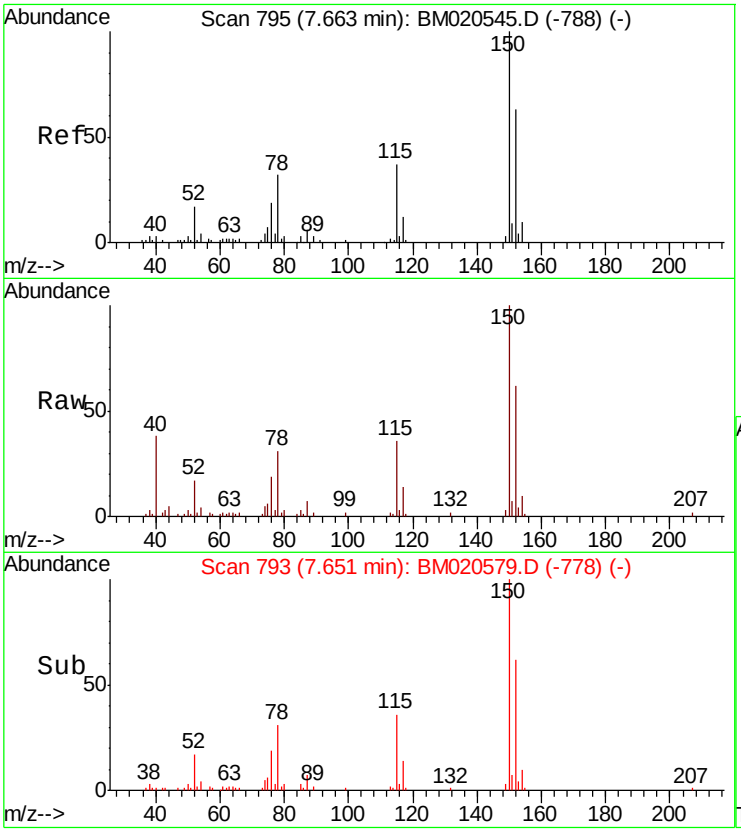


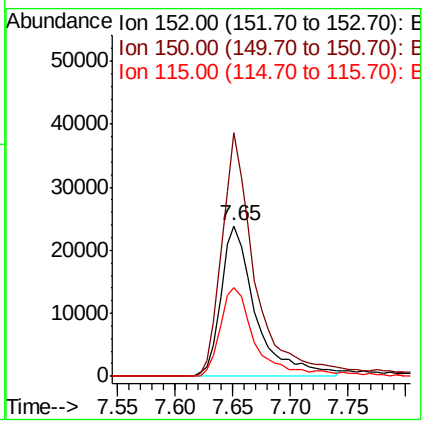


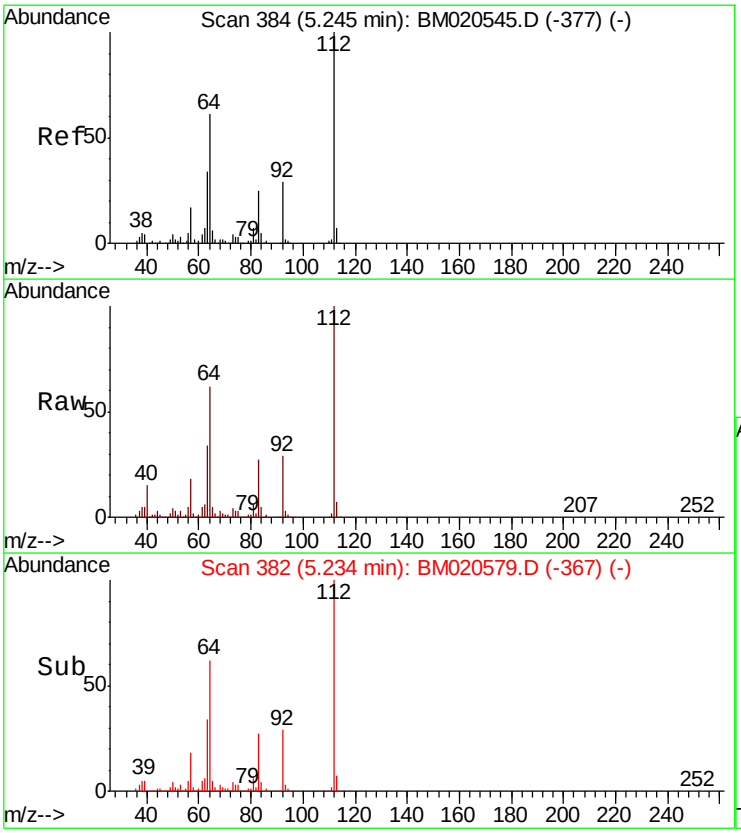
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-A

Tgt Ion:152 Resp: 49888

Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.6	190.0
115	59.1	46.6	70.0

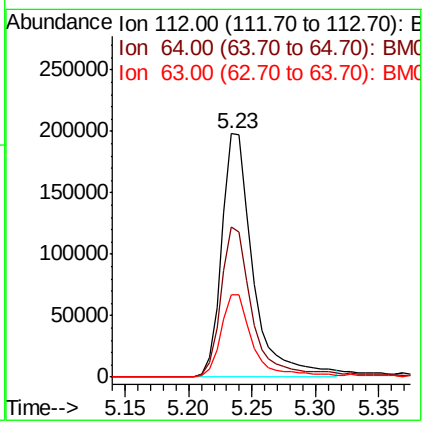


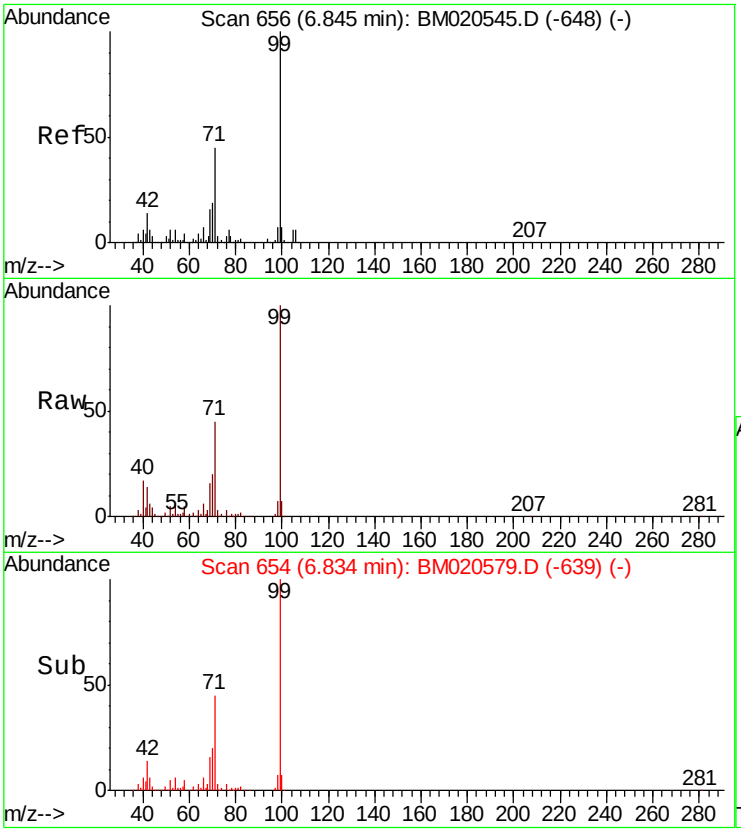


#5
2-Fluorophenol
Concen: 133.650 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.01 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Tgt Ion:112 Resp: 339866

Ion	Ratio	Lower	Upper
112	100		
64	61.6	48.6	73.0
63	34.1	27.4	41.0



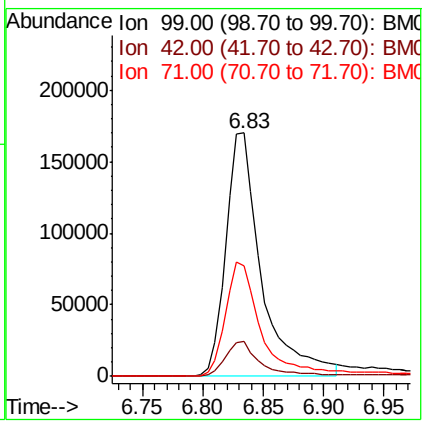


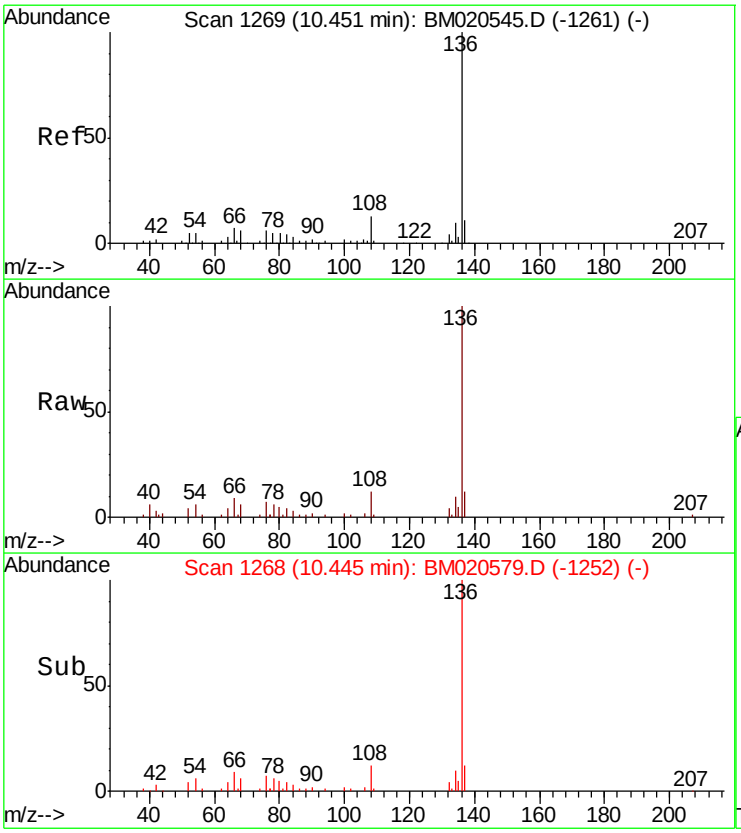
#7
Phenol-d6
Concen: 91.290 ng
RT: 6.83 min Scan# 654
Delta R.T. -0.01 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-A

Tgt Ion: 99 Resp: 350387

Ion	Ratio	Lower	Upper
99	100		
42	14.2	10.8	16.2
71	45.4	36.3	54.5

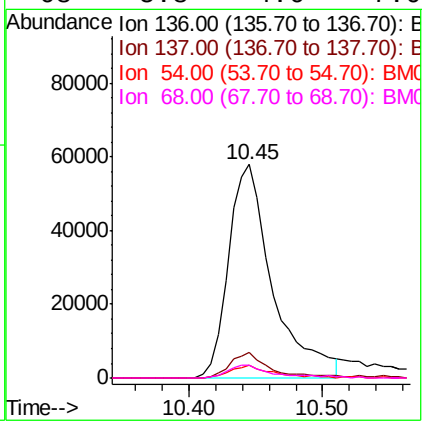


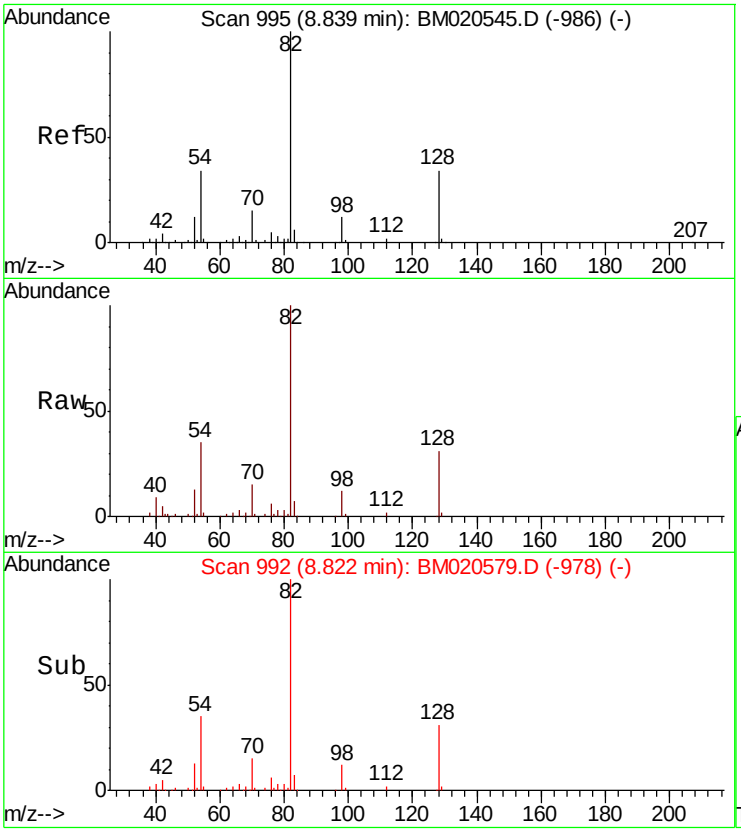


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Tgt Ion:136 Resp: 133186

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.4	12.6
54	5.9	4.2	6.4
68	5.8	4.6	7.0



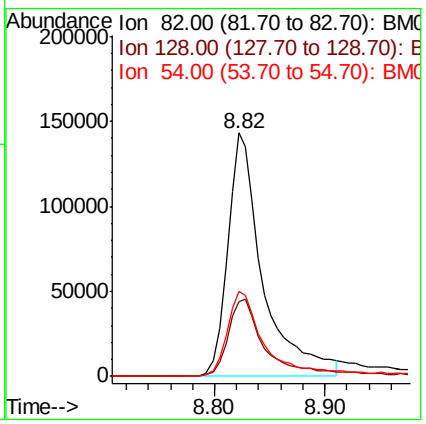


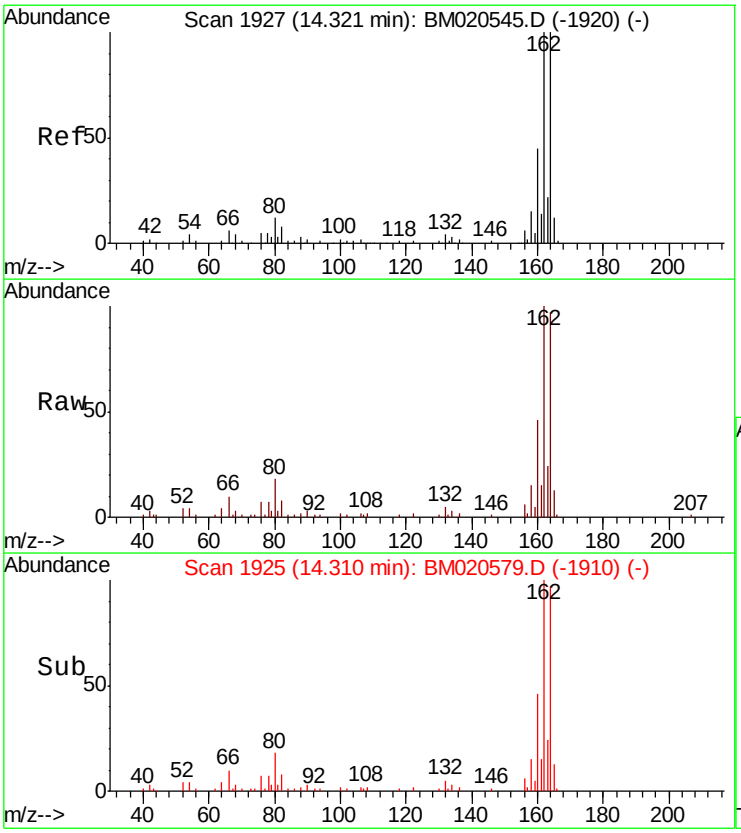
#23
Nitrobenzene-d5
Concen: 100.707 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.02 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-A

Tgt Ion: 82 Resp: 319559

Ion	Ratio	Lower	Upper
82	100		
128	30.7	27.0	40.4
54	35.1	27.4	41.2

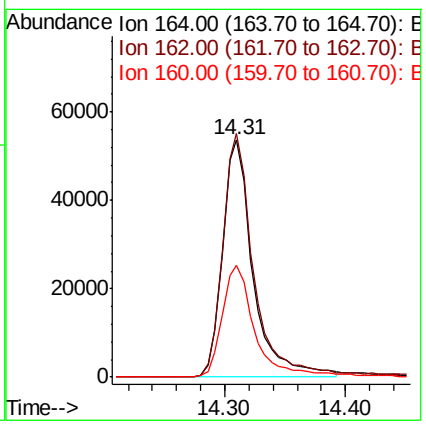


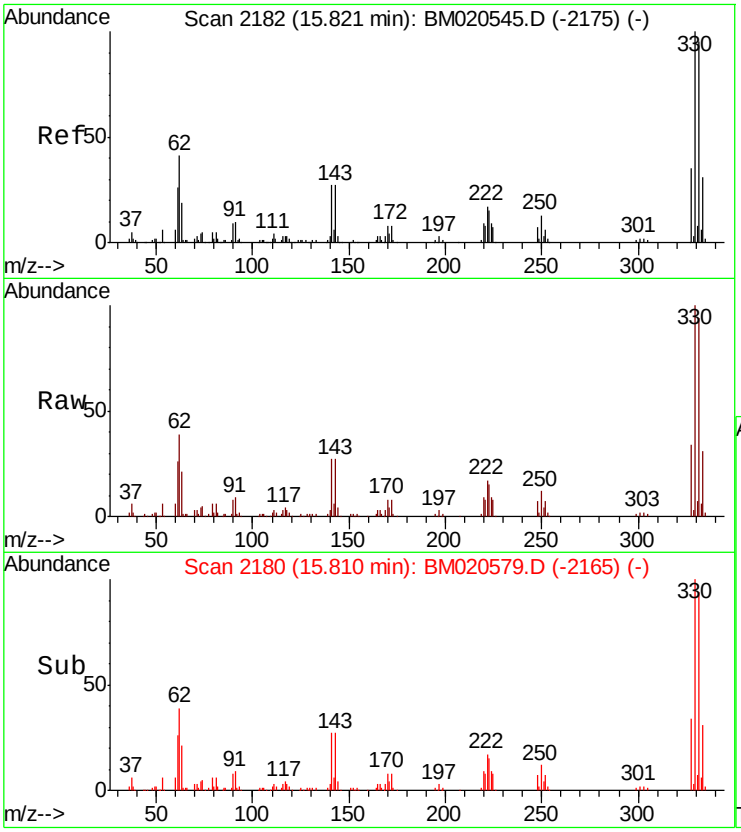


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Tgt Ion:164 Resp: 94111

Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.8	119.8
160	47.0	35.9	53.9



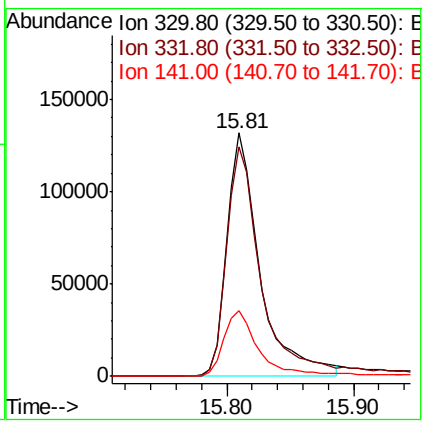


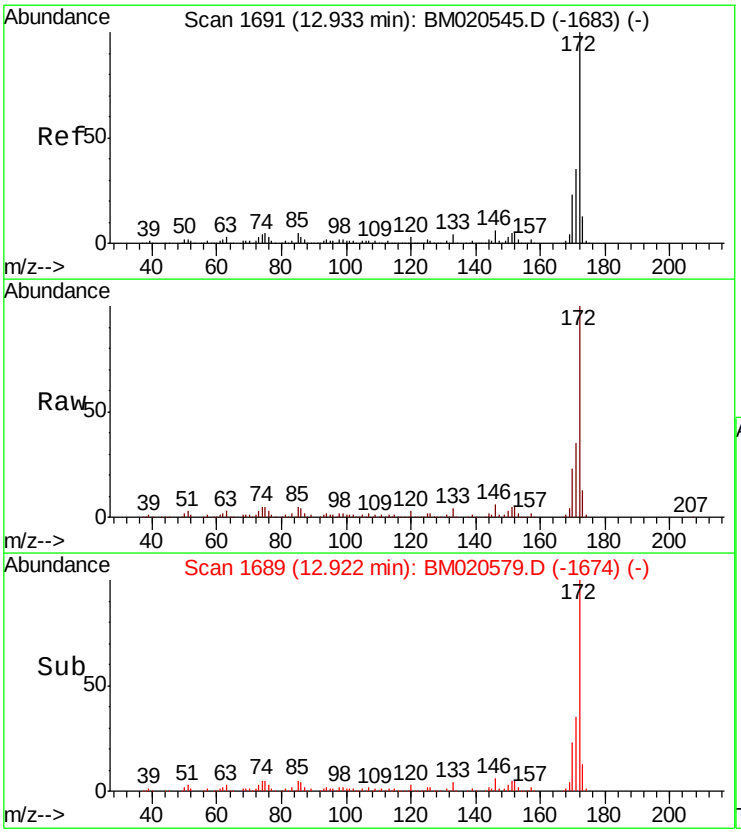
#42
2,4,6-Tribromophenol
Concen: 126.645 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-A

Tgt Ion:330 Resp: 238787

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.5	116.3
141	28.1	21.7	32.5

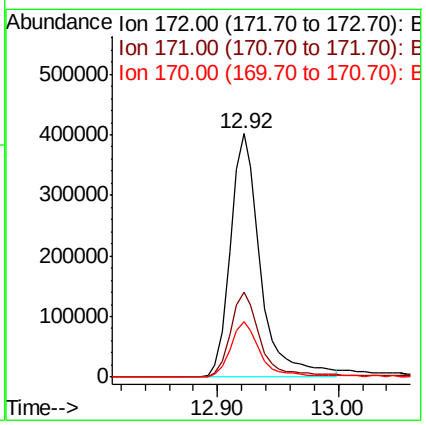


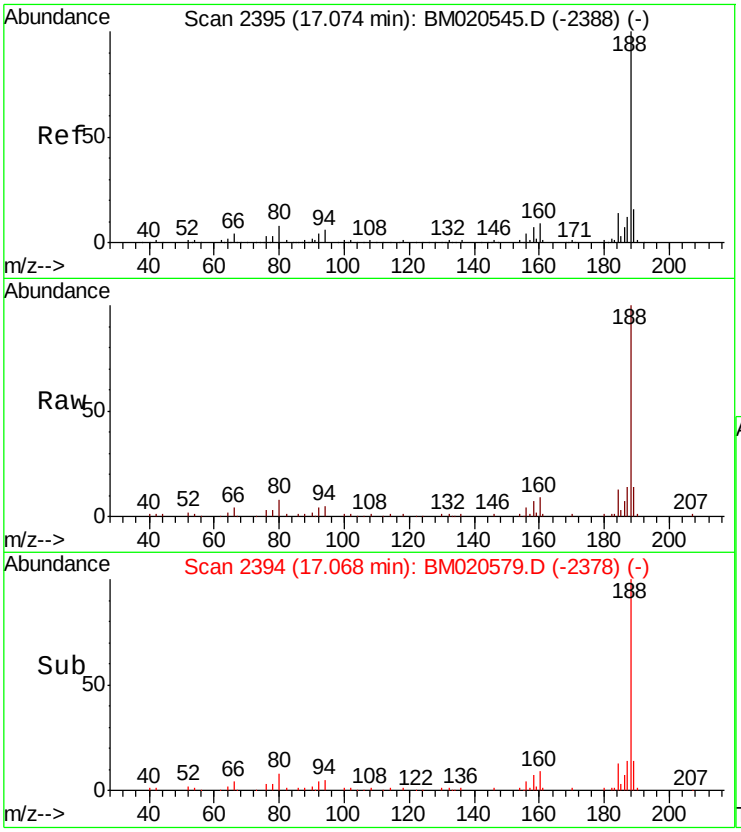


#45
2-Fluorobiphenyl
Concen: 92.996 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Tgt Ion:172 Resp: 697471

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	23.0	18.2	27.4



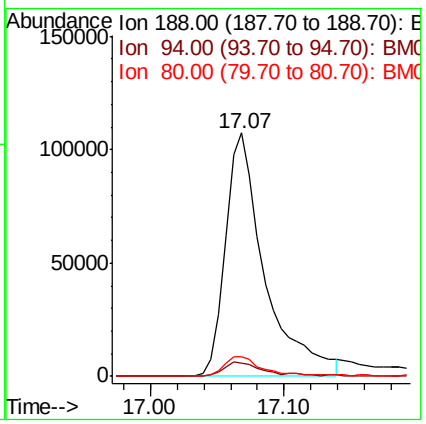


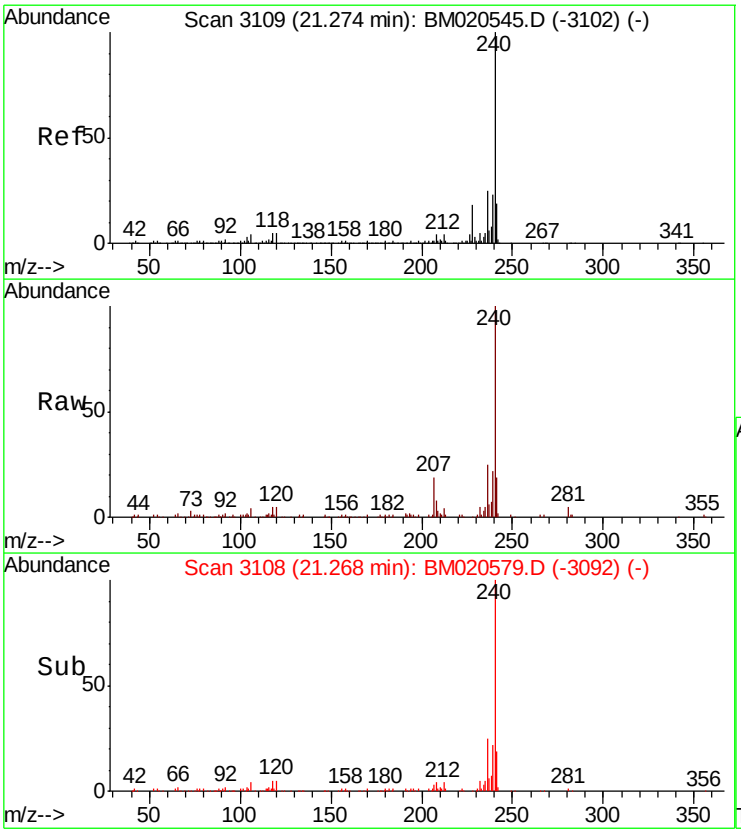
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-A

Tgt Ion:188 Resp: 220812

Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.0	7.4
80	8.2	6.5	9.7

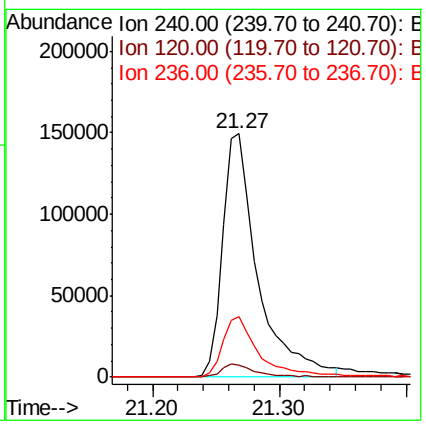


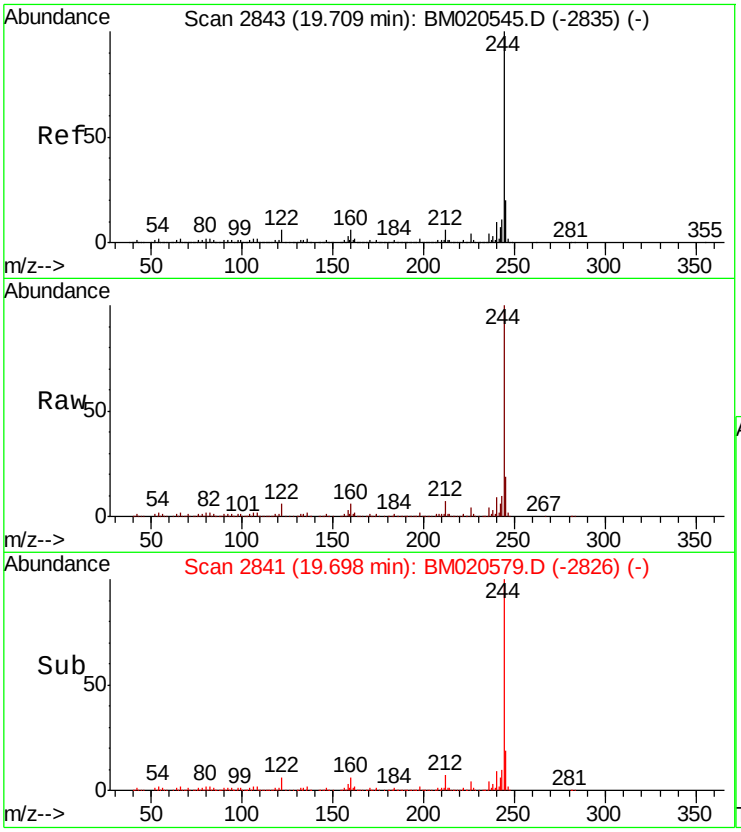


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Tgt Ion:240 Resp: 287570

Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.1	6.1
236	24.8	20.2	30.4



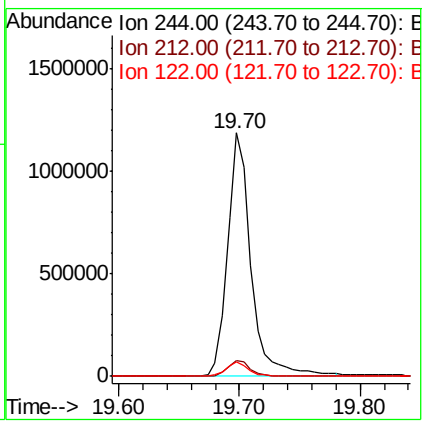


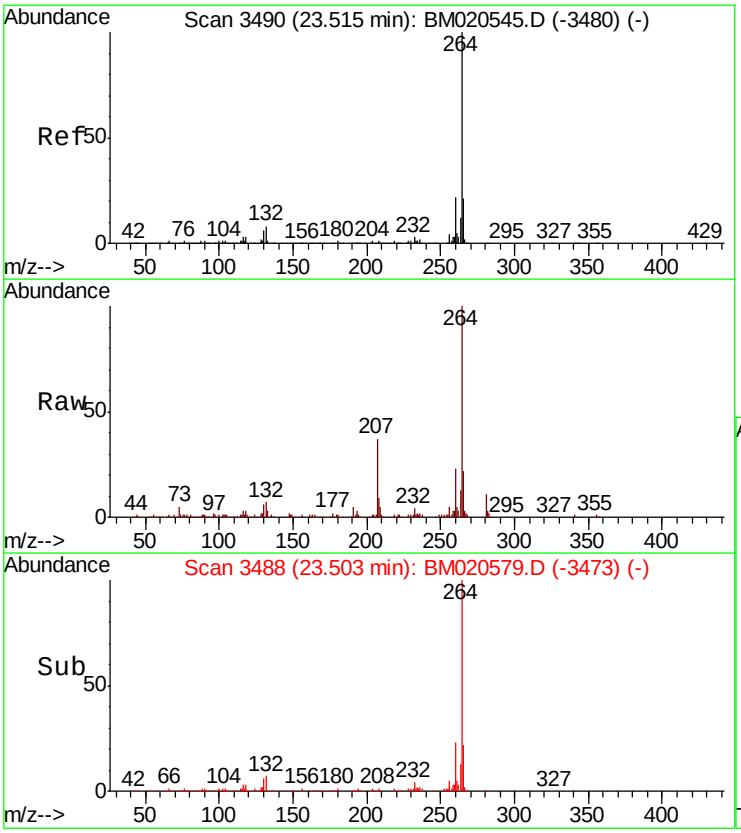
#79
Terphenyl-d14
Concen: 100.787 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-A

Tgt Ion:244 Resp: 1603250

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.6
122	5.9	4.6	7.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM020579.D
Acq: 28 May 2019 13:50

Tgt Ion:264 Resp: 342369

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.7	26.5
265	22.2	17.4	26.2