Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
Data File : BM020146.D
Acq On : 06 May 2019 21:26
Operator : JU/SJ
Sample : K2674-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SV28545L

Quant Time: May 07 03:33:55 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	7.79	152	136435	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	480735	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	278581	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	624523	20.00	ng	0.00
76) Chrysene-d12	21.37	240	643833	20.00	ng	0.00
87) Perylene-d12	23.67	264	755248	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	434759	52.09	ng	0.00
7) Phenol-d6	6.96	99	503917	44.19	ng	0.01
23) Nitrobenzene-d5	8.96	82	1049121	86.16	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	422275	97.66	ng	0.01
45) 2-Fluorobiphenyl	13.06	172	2202328	97.27	ng	0.00
79) Terphenyl-d14	19.81	244	3494154	94.66	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.89	117	12940	2.905	ng	# 1
32) Benzoic acid	9.87	122	118	6.633	ng	# 1
38) 1-Methylnaphthalene	12.47	142	37940	2.133	ng	# 94
50) Dimethylphthalate	13.89	163	62938	2.658	ng	# 98
54) 2,4-Dinitrophenol	14.59	184	222	8.551	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.53	198	130	7.197	ng	# 1

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

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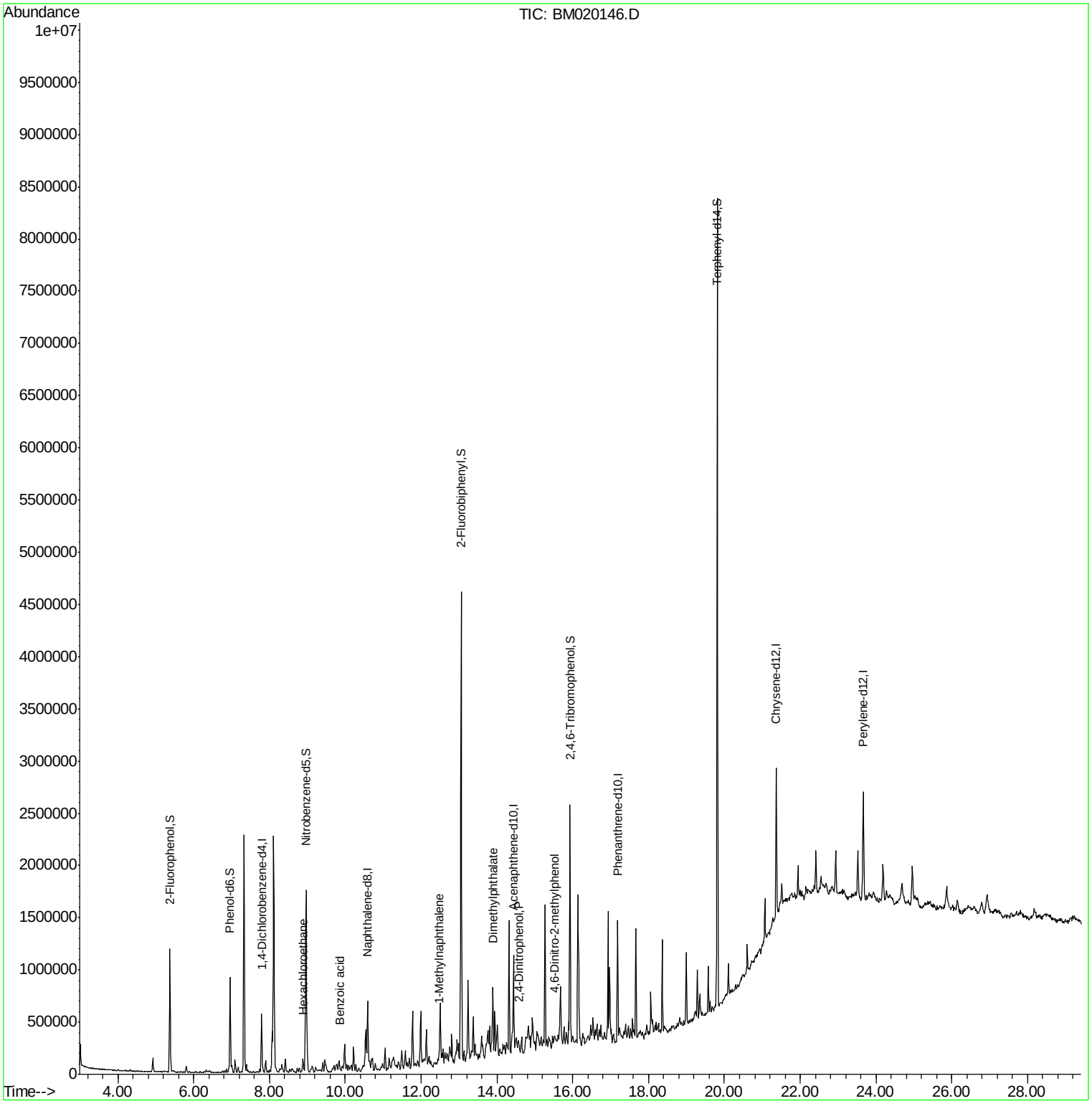
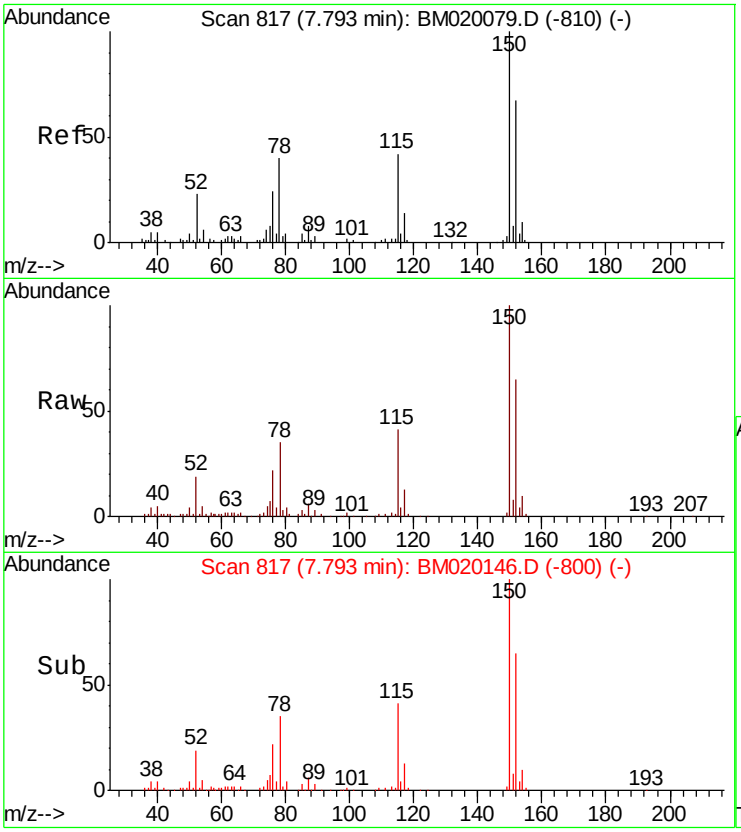


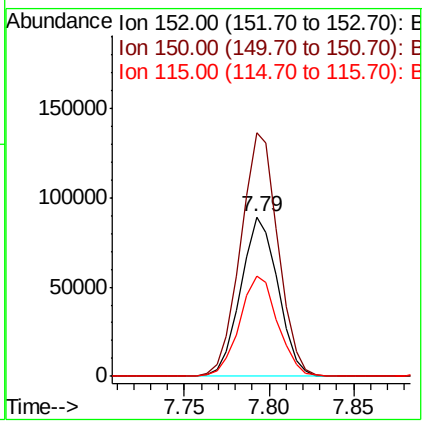


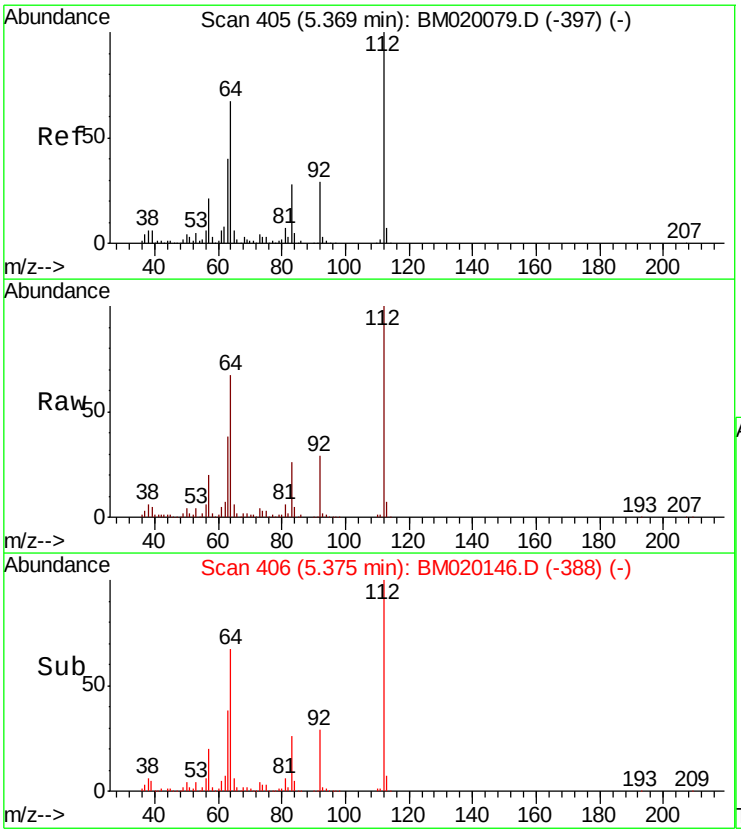
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Instrument :
BNA_M
ClientSampleId :
SV28545L

Tgt Ion:152 Resp: 136435

Ion	Ratio	Lower	Upper
152	100		
150	153.0	119.8	179.8
115	62.8	50.8	76.2

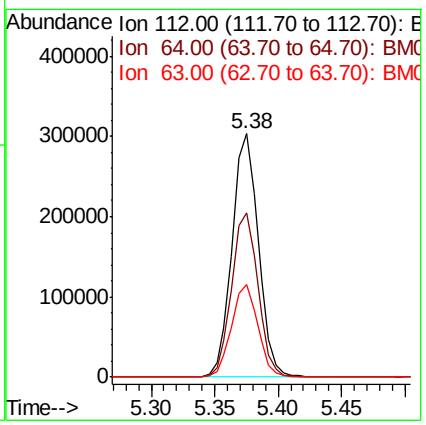


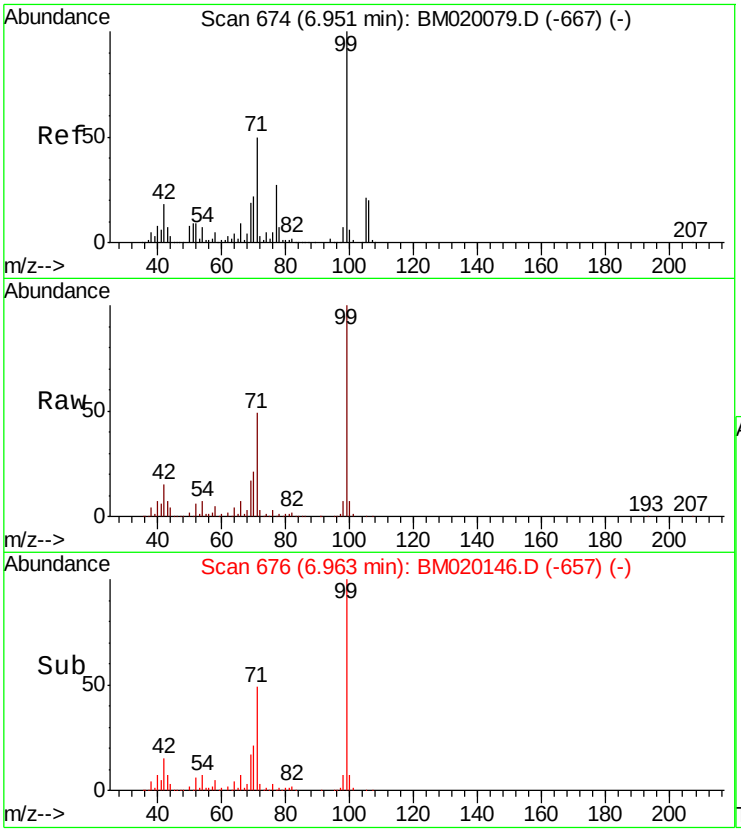


#5
2-Fluorophenol
Concen: 52.087 ng
RT: 5.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion:112 Resp: 434759

Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.8	80.6
63	38.1	32.3	48.5



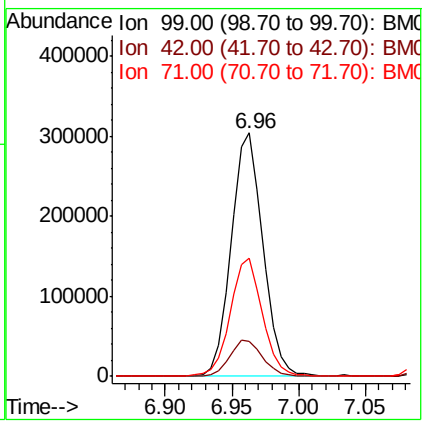


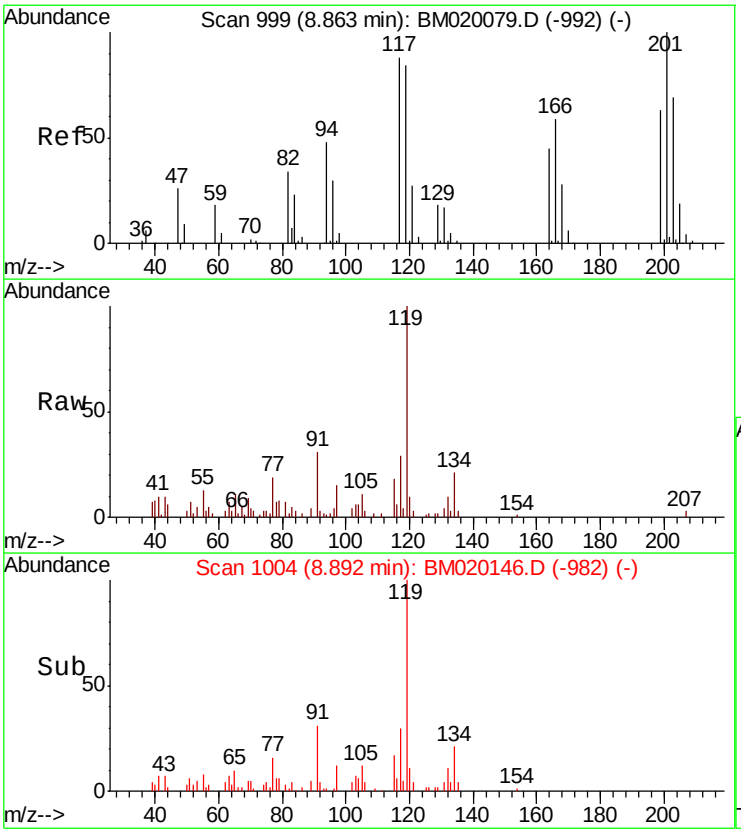
#7
Phenol-d6
Concen: 44.192 ng
RT: 6.96 min Scan# 676
Delta R.T. 0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Instrument :
BNA_M
ClientSampleId :
SV28545L

Tgt Ion: 99 Resp: 503917

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.2	21.2
71	48.7	40.3	60.5

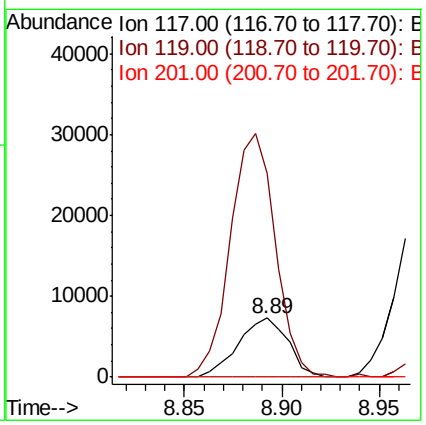


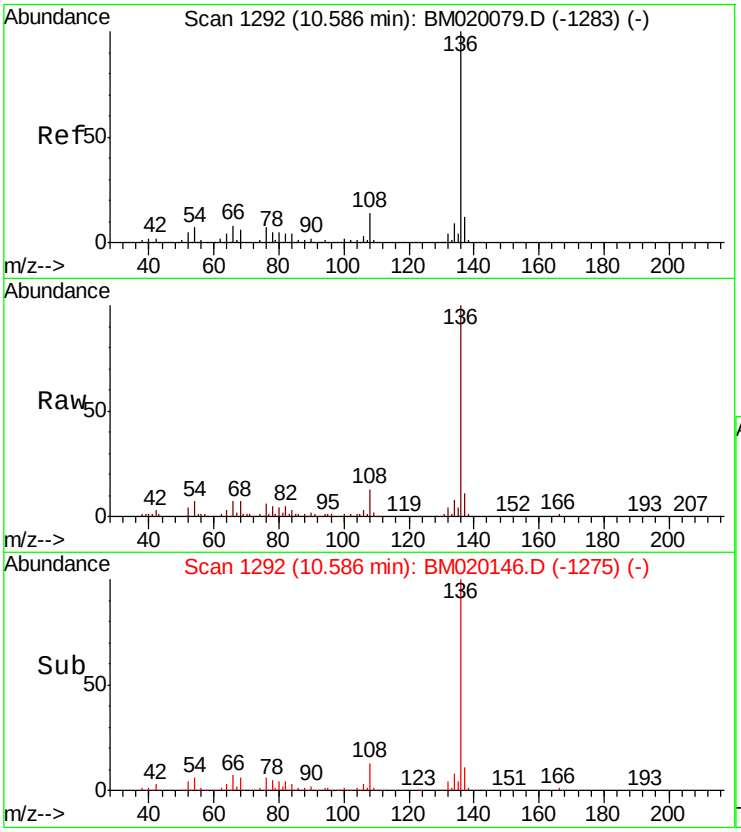


#18
Hexachloroethane
Concen: 2.905 ng
RT: 8.89 min Scan# 1004
Delta R.T. 0.03 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion:117 Resp: 12940

Ion	Ratio	Lower	Upper
117	100		
119	345.1	76.6	114.8#
201	0.0	90.7	136.1#



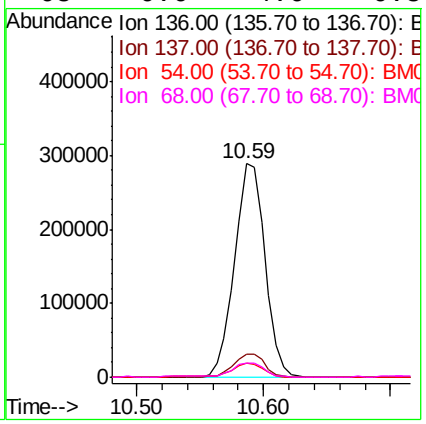


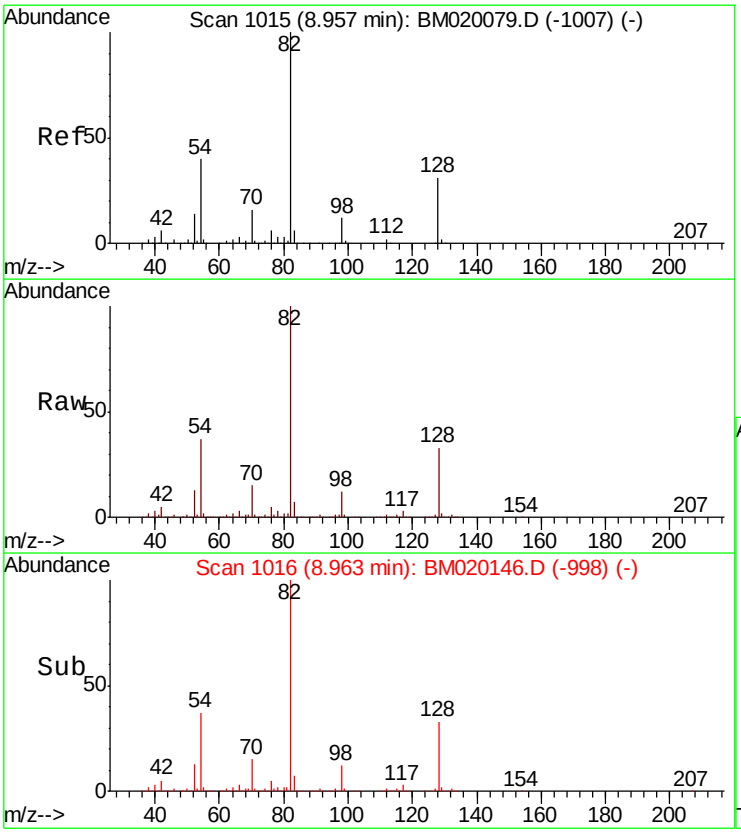
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.59 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Instrument :
BNA_M
ClientSampleId :
SV28545L

Tgt Ion:136 Resp: 480735

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	6.6	5.5	8.3
68	6.6	4.6	6.8

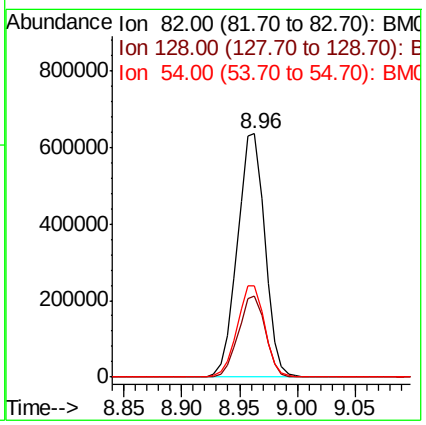


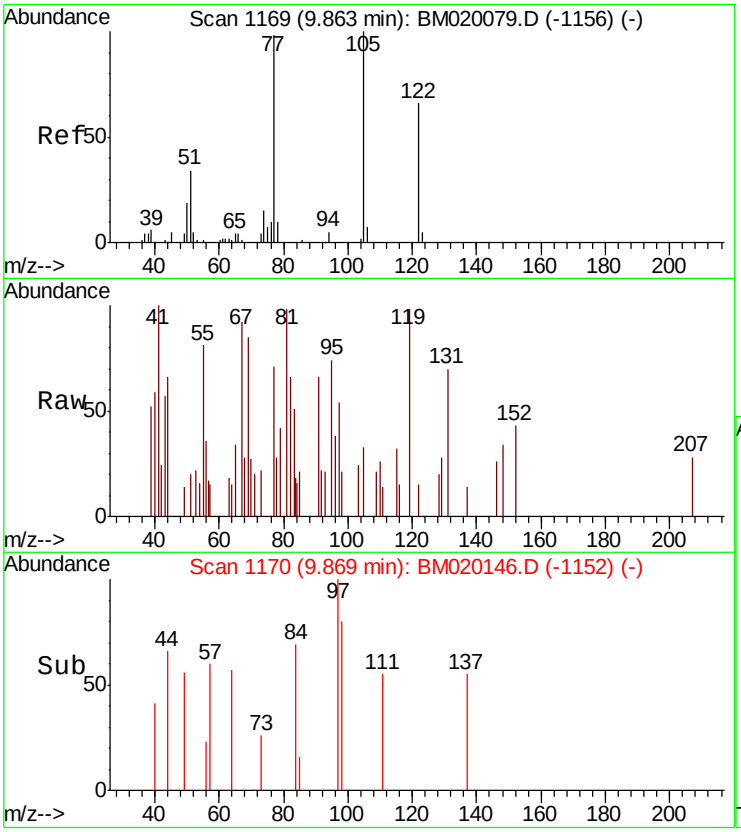


#23
Nitrobenzene-d5
Concen: 86.158 ng
RT: 8.96 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion: 82 Resp: 1049121

Ion	Ratio	Lower	Upper
82	100		
128	33.4	25.2	37.8
54	37.5	31.9	47.9



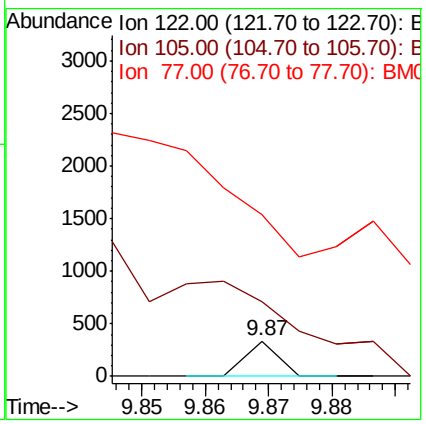


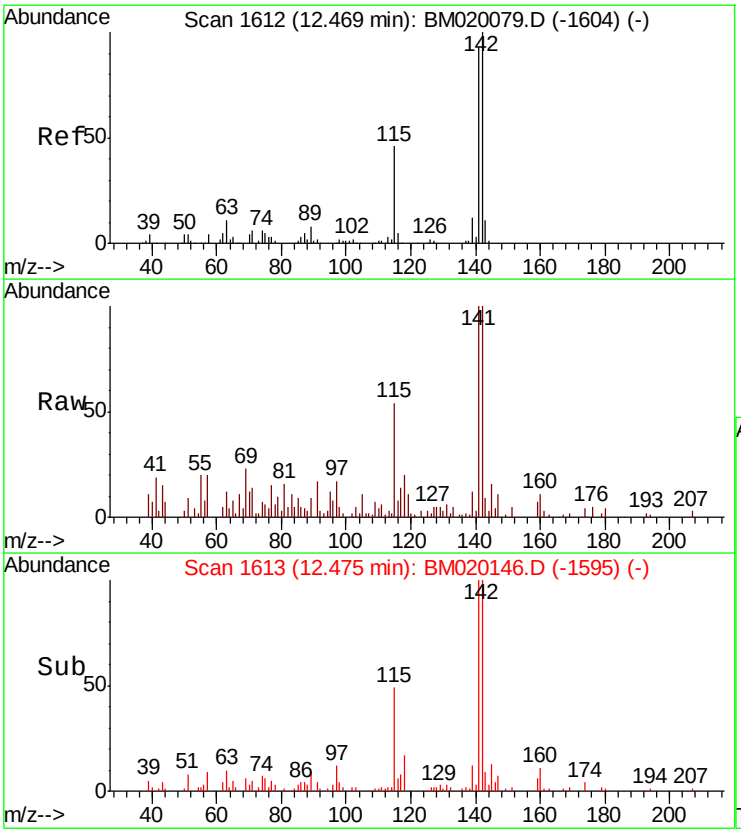
#32
Benzoic acid
Concen: 6.633 ng
RT: 9.87 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Instrument :
BNA_M
ClientSampleId :
SV28545L

Tgt Ion:122 Resp: 118

Ion	Ratio	Lower	Upper
122	100		
105	213.1	122.5	162.5#
77	460.0	123.3	163.3#

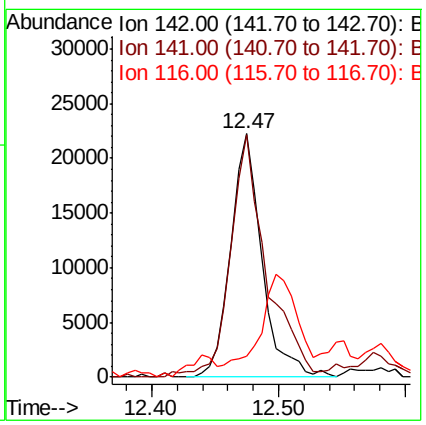


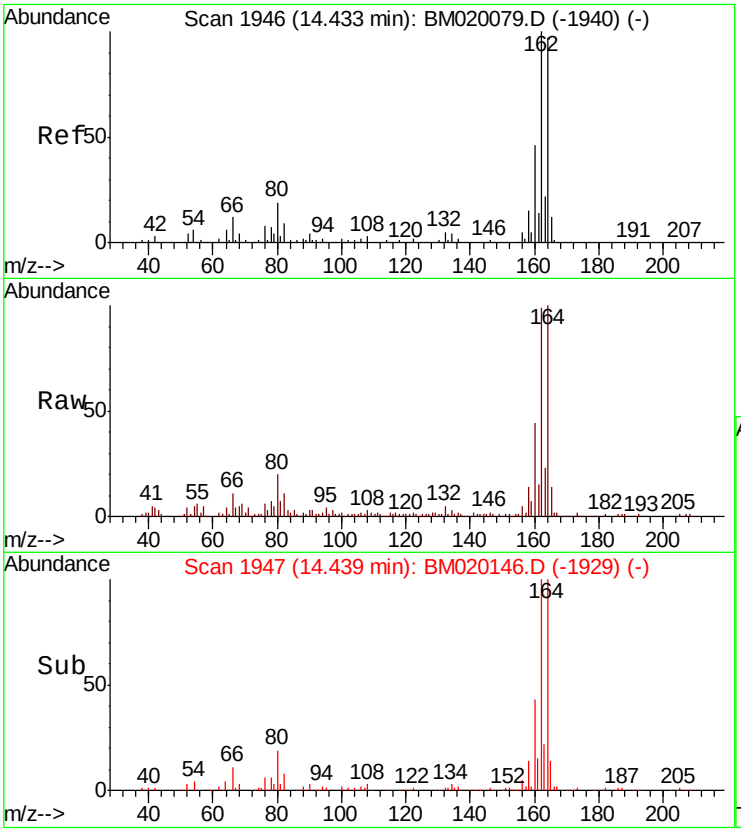


#38
1-Methylnaphthalene
Concen: 2.133 ng
RT: 12.47 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion:142 Resp: 37940

Ion	Ratio	Lower	Upper
142	100		
141	99.5	74.8	112.2
116	8.5	3.9	5.9#



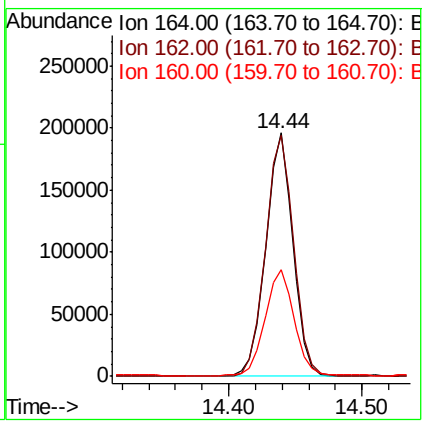


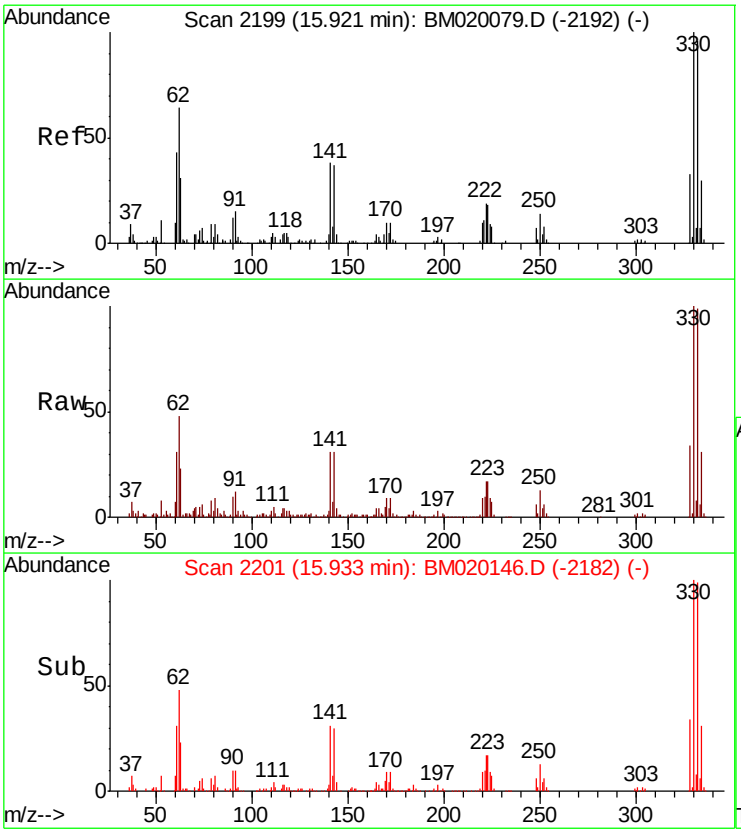
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Instrument :
BNA_M
ClientSampleId :
SV28545L

Tgt Ion:164 Resp: 278581

Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.2	123.2
160	43.6	37.6	56.4

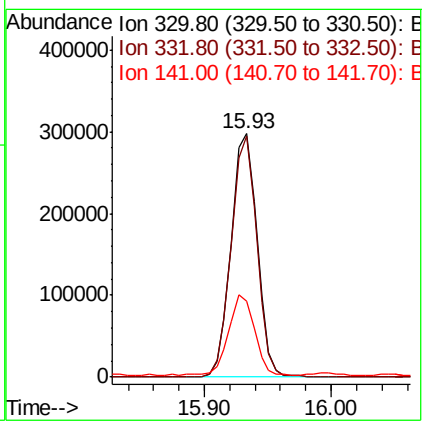


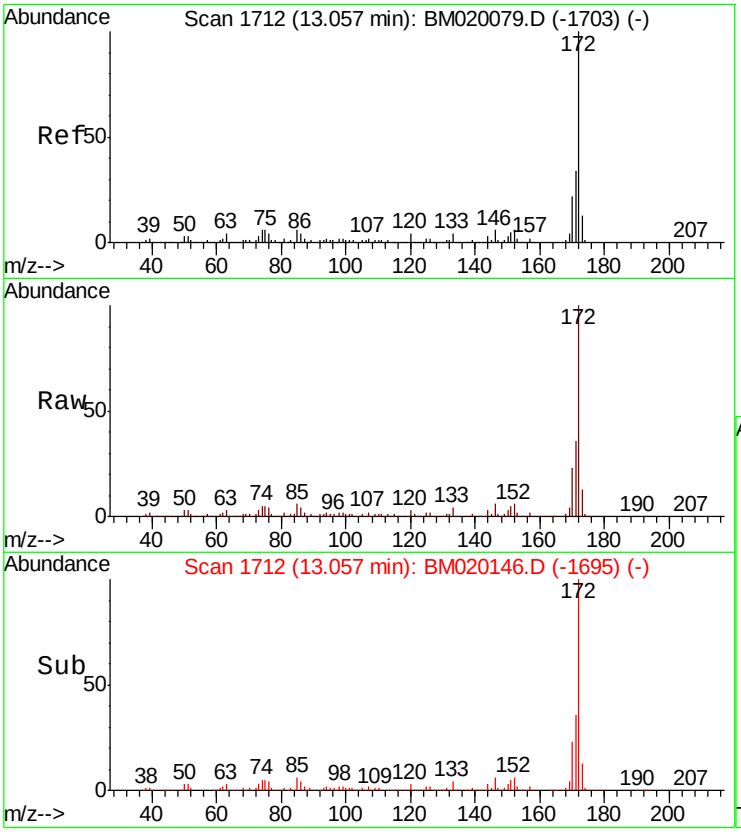


#42
2,4,6-Tribromophenol
Concen: 97.656 ng
RT: 15.93 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion:330 Resp: 422275

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.8	115.2
141	33.1	29.2	43.8



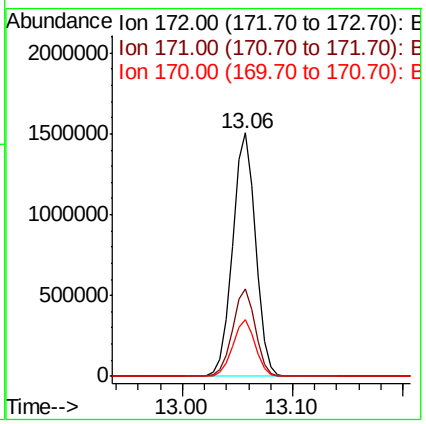


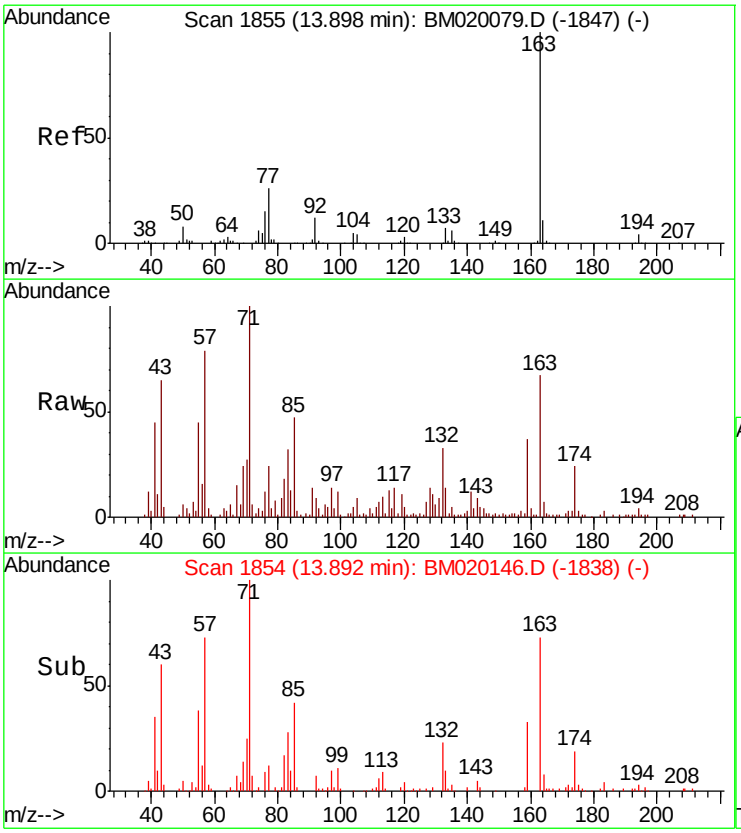
#45
2-Fluorobiphenyl
Concen: 97.267 ng
RT: 13.06 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Instrument :
BNA_M
ClientSampleId :
SV28545L

Tgt Ion:172 Resp: 2202328

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.3	40.9
170	23.1	17.9	26.9

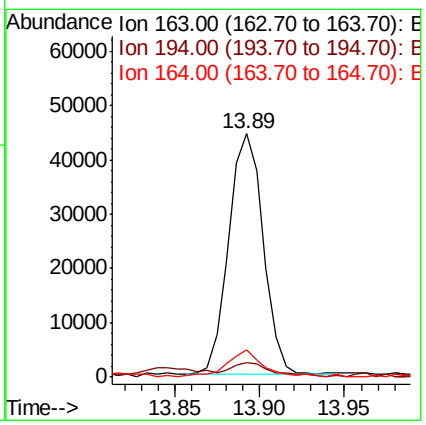


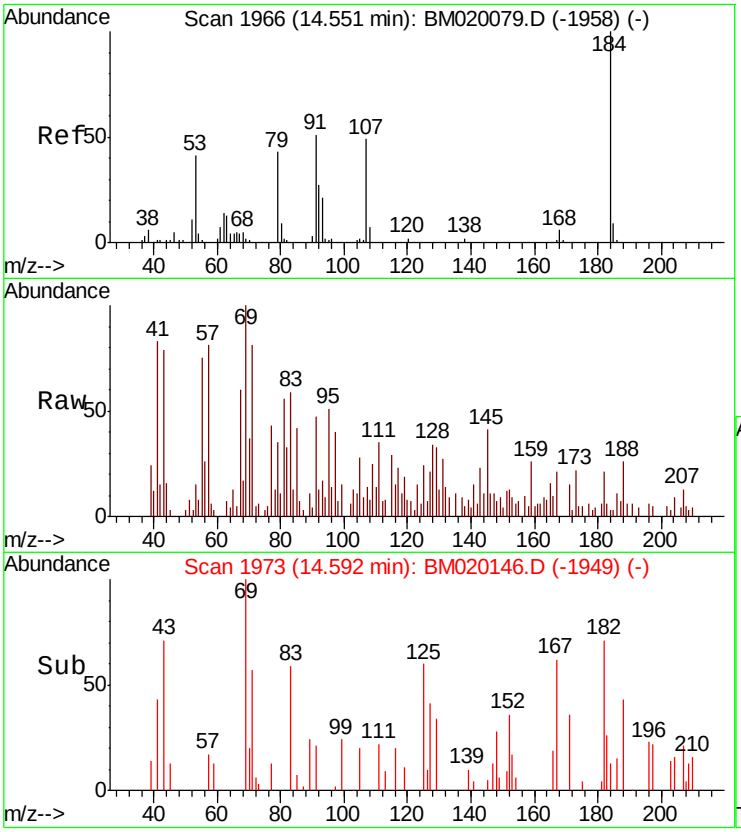


#50
Dimethylphthalate
Concen: 2.658 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion:163 Resp: 62938

Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.6	5.4#
164	11.1	8.4	12.6



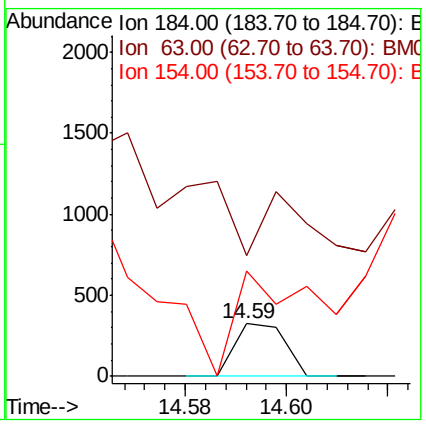


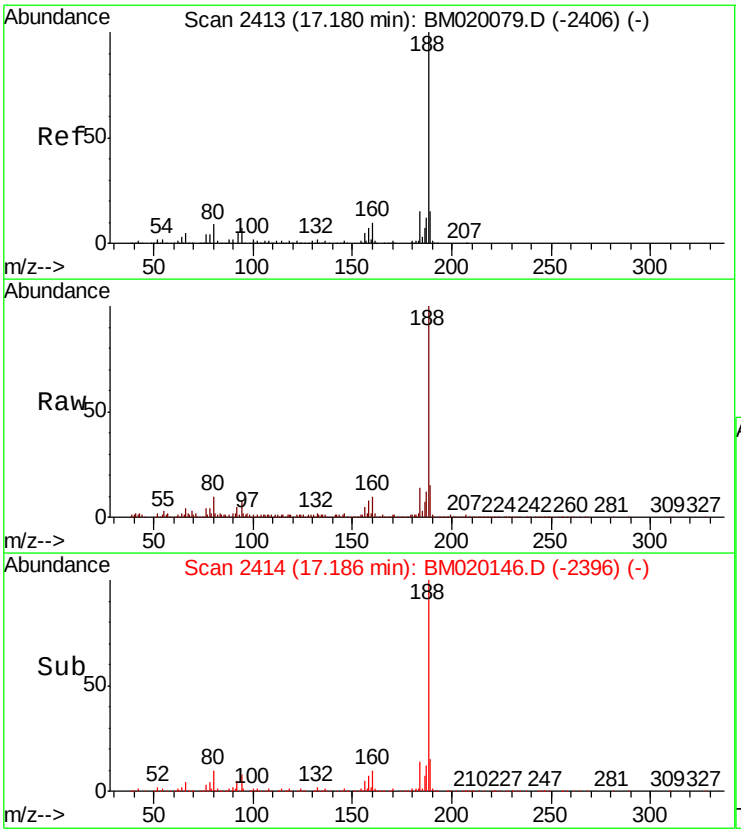
#54
2,4-Dinitrophenol
Concen: 8.551 ng
RT: 14.59 min Scan# 1973
Delta R.T. 0.04 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Instrument :
BNA_M
ClientSampleId :
SV28545L

Tgt Ion:184 Resp: 222

Ion	Ratio	Lower	Upper
184	100		
63	231.9	68.9	103.3#
154	201.2	54.4	81.6#

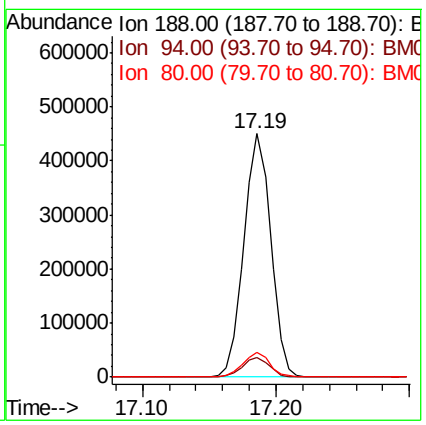


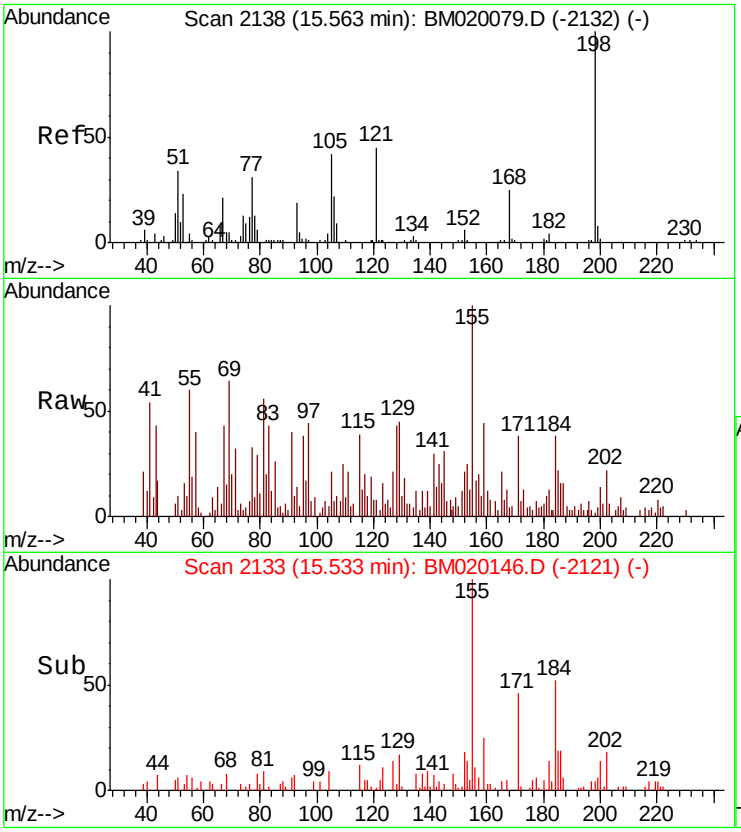


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion:188 Resp: 624523

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.8	8.6
80	10.1	7.4	11.2



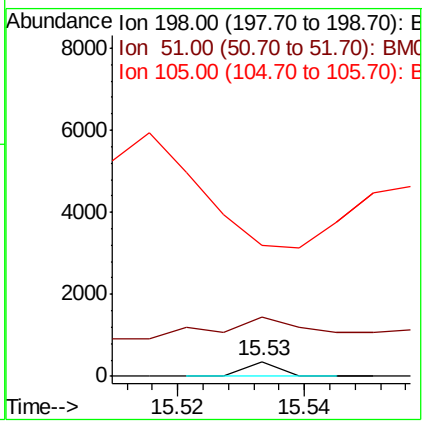


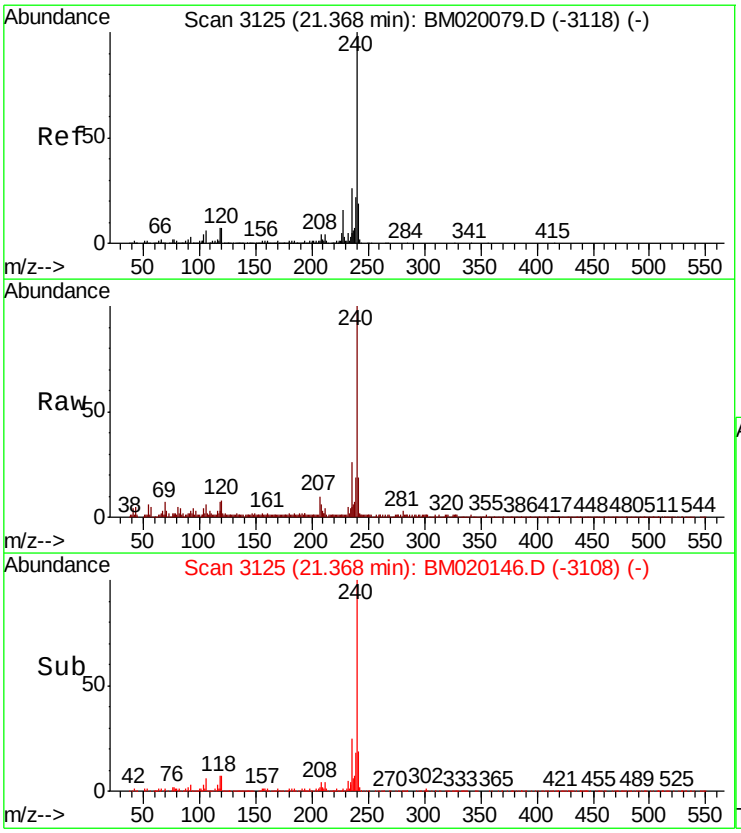
#65
4,6-Dinitro-2-methylphenol
Concen: 7.197 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.03 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Instrument :
BNA_M
ClientSampleId :
SV28545L

Tgt Ion:198 Resp: 130

Ion	Ratio	Lower	Upper
198	100		
51	395.1	16.5	56.5#
105	864.4	22.8	62.8#

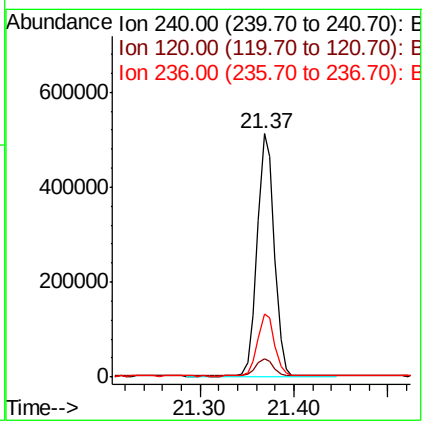


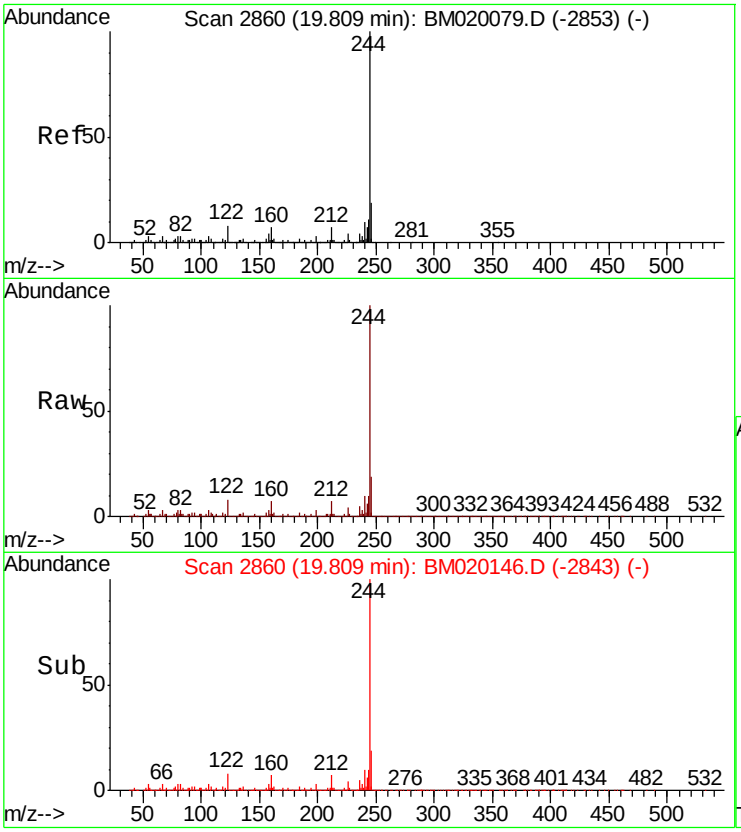


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion:240 Resp: 643833

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.6	8.4
236	25.9	20.9	31.3



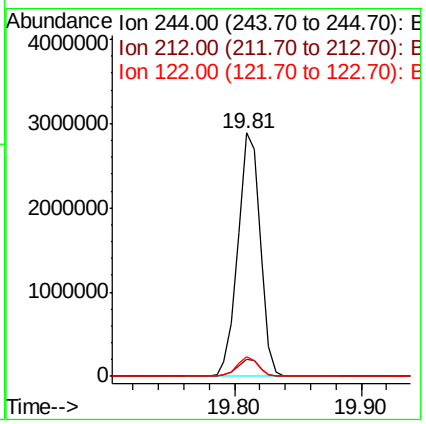


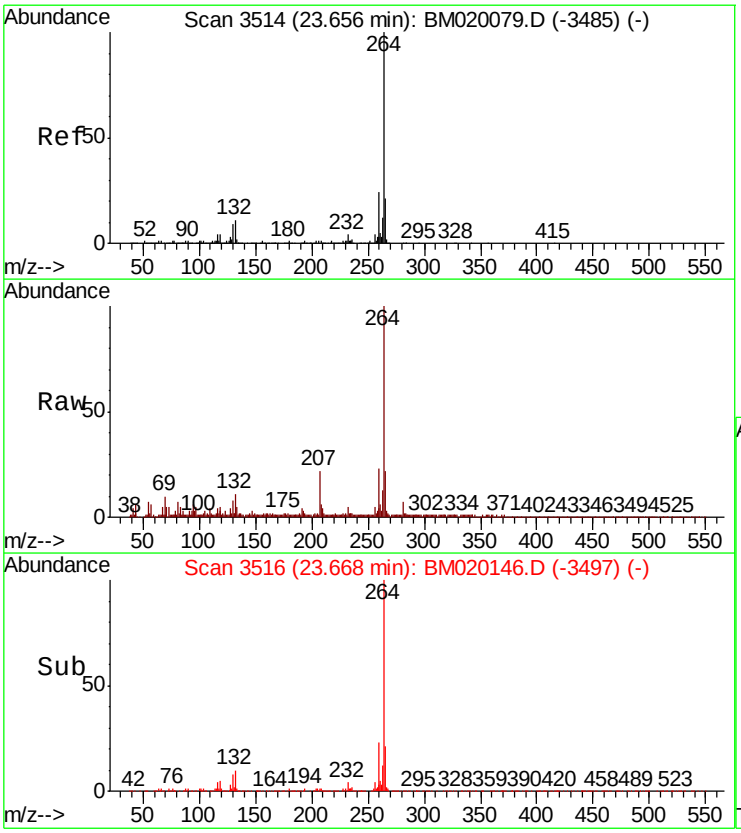
#79
Terphenyl-d14
Concen: 94.661 ng
RT: 19.81 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Instrument :
BNA_M
ClientSampleId :
SV28545L

Tgt Ion:244 Resp: 3494154

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	8.0	6.2	9.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. 0.01 min
Lab File: BM020146.D
Acq: 06 May 2019 21:26

Tgt Ion:264 Resp: 755248

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.1	16.9	25.3