Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042419\
Data File : BM020070.D
Acq On : 24 Apr 2019 18:29
Operator : JU/SJ
Sample : K2541-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CHRT-26835

Quant Time: Apr 25 03:13:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	81860	20.00	ng	-0.02
21) Naphthalene-d8	10.27	136	251100	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	158399	20.00	ng	-0.02
64) Phenanthrene-d10	16.93	188	343308	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	287375	20.00	ng	-0.01
87) Perylene-d12	23.34	264	321601	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	709208	140.41	ng	-0.02
7) Phenol-d6	6.68	99	771709	101.52	ng	-0.03
23) Nitrobenzene-d5	8.66	82	703778	125.34	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	393238	154.22	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1456057	114.56	ng	-0.03
79) Terphenyl-d14	19.57	244	2202557	135.19	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.33	128	40719	3.023	ng	# 94
71) Phenanthrene	16.98	178	47186	2.316	ng	98

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

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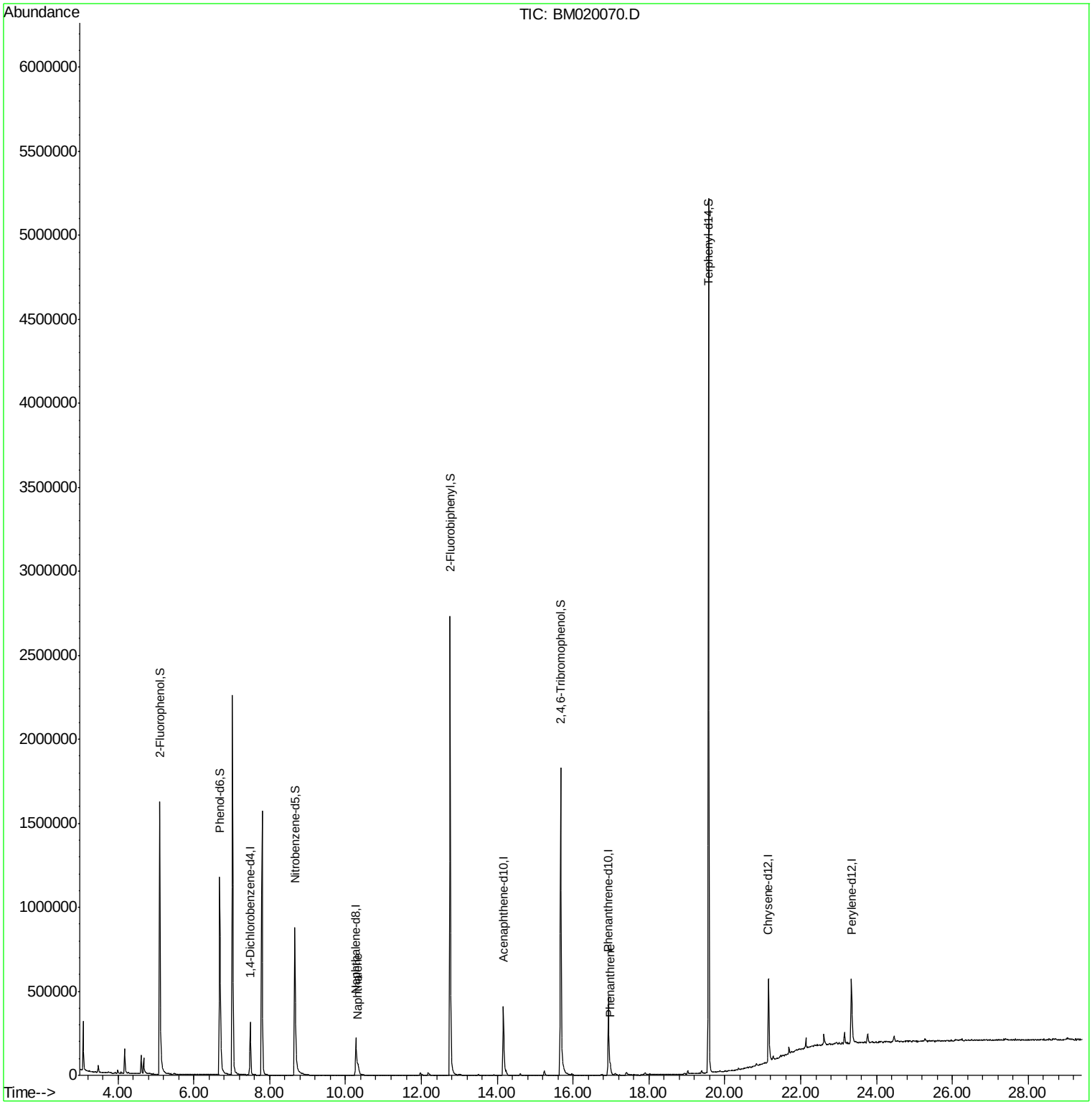
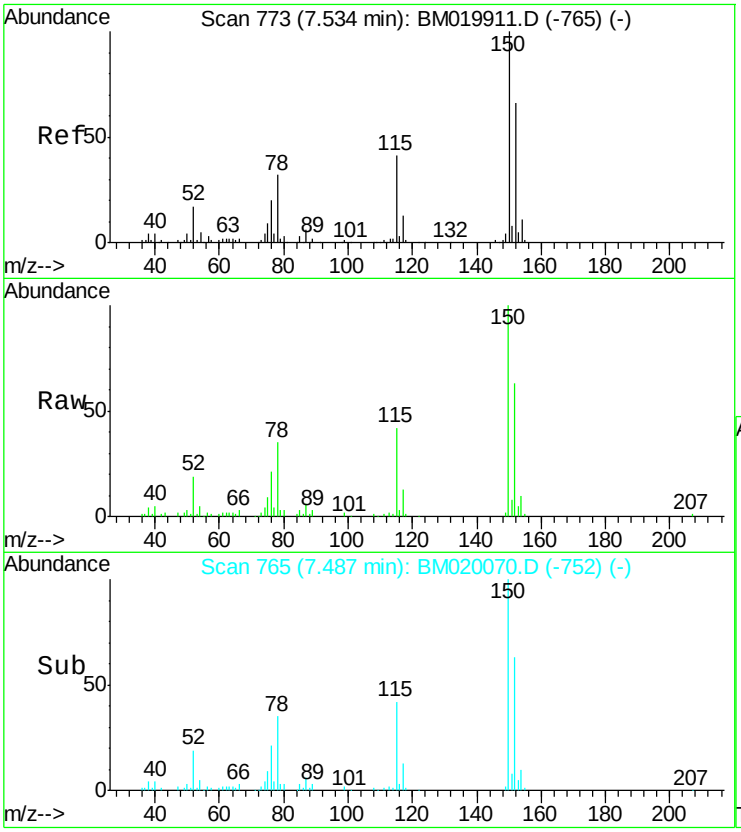


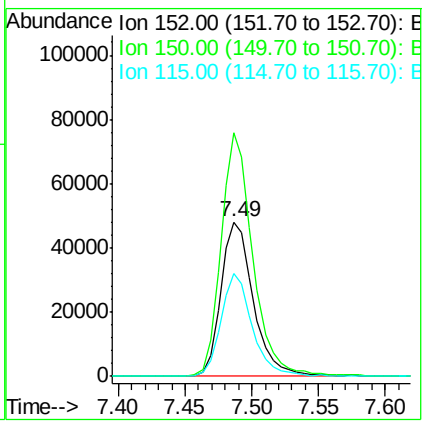


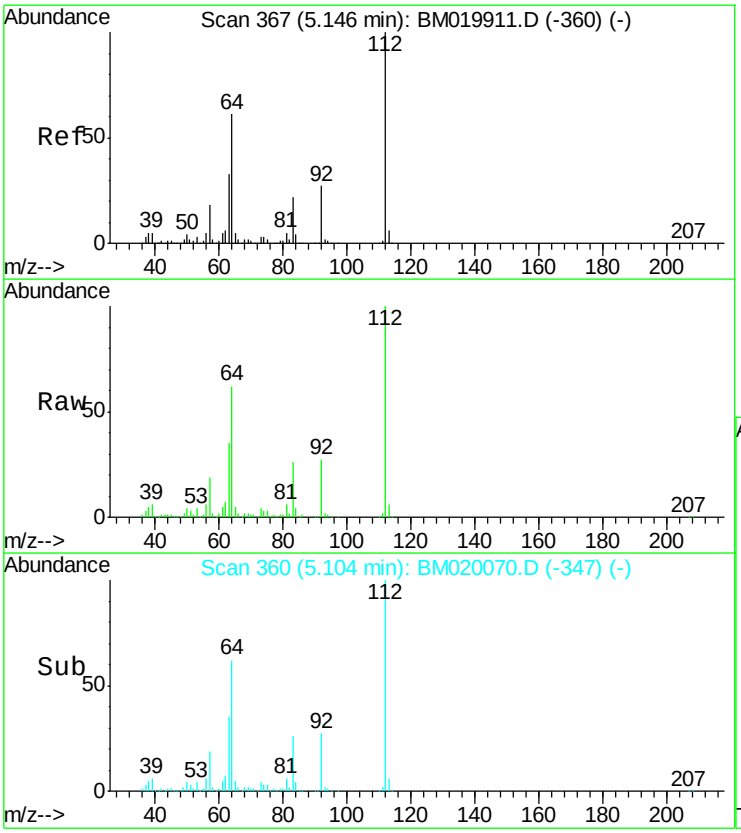
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 765
Delta R.T. -0.02 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Instrument :
BNA_M
ClientSampleId :
CHRT-26835

Tgt Ion:152 Resp: 81860

Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.1	183.1
115	66.5	50.0	75.0

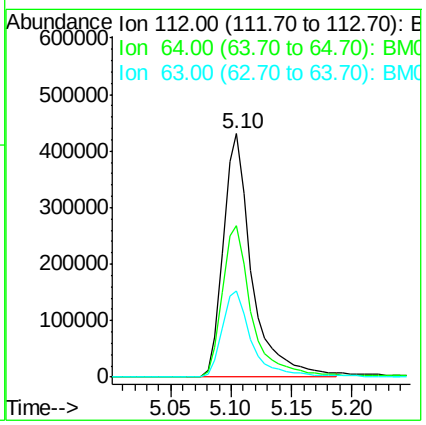


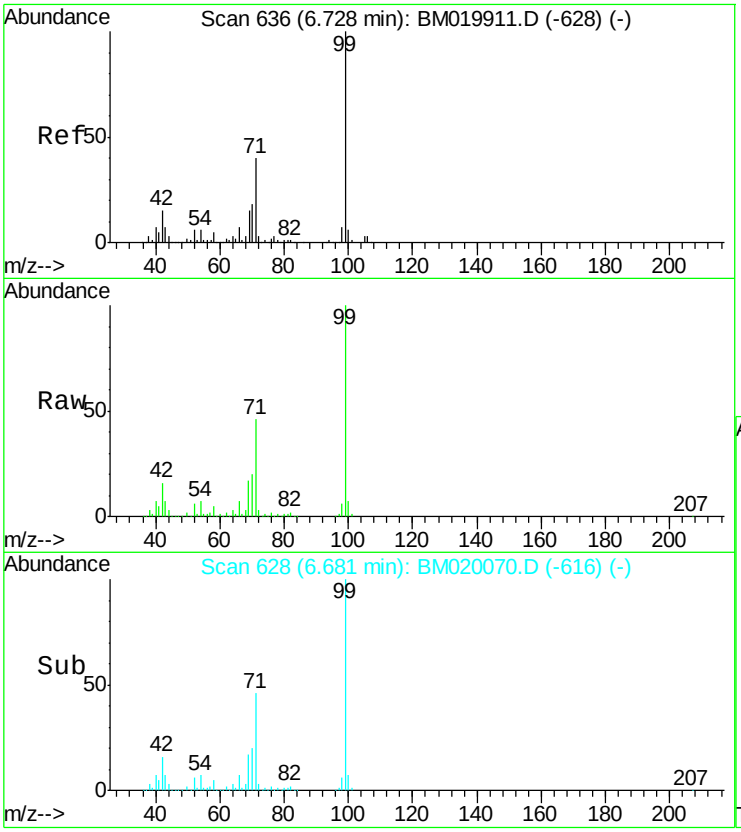


#5
2-Fluorophenol
Concen: 140.408 ng
RT: 5.10 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt Ion:112 Resp: 709208

Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.1	73.7
63	35.4	26.5	39.7



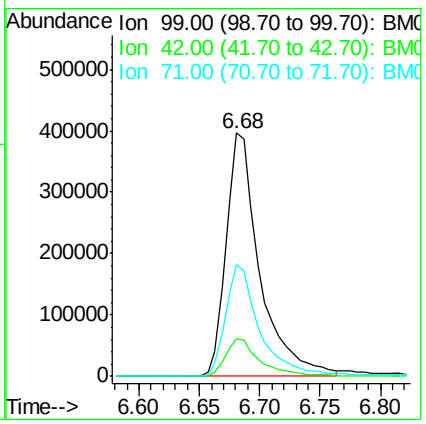


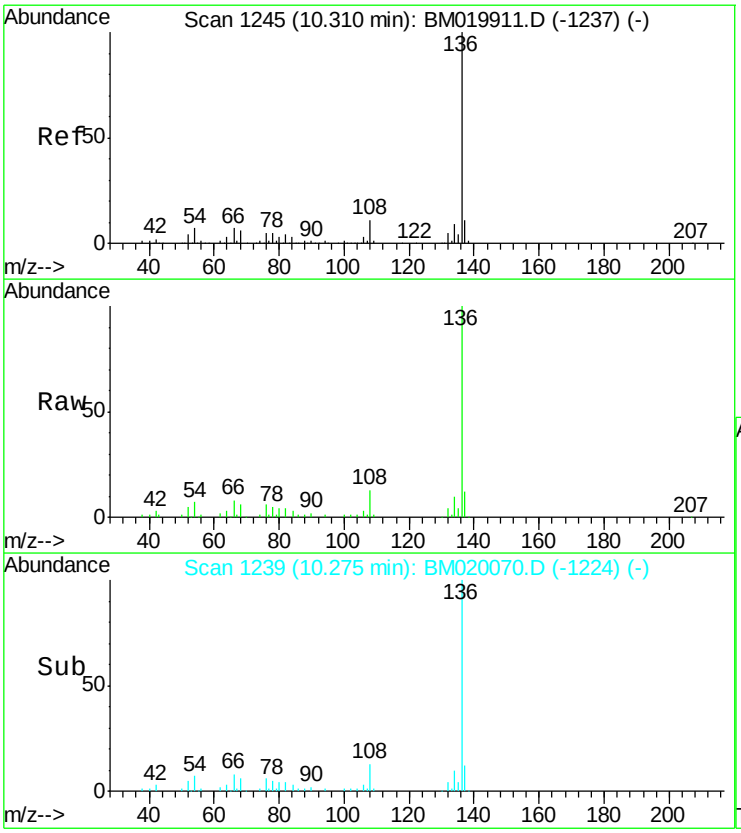
#7
Phenol-d6
Concen: 101.517 ng
RT: 6.68 min Scan# 628
Delta R.T. -0.03 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Instrument :
BNA_M
ClientSampleId :
CHRT-26835

Tgt Ion: 99 Resp: 771709

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.8	17.8
71	45.9	32.0	48.0

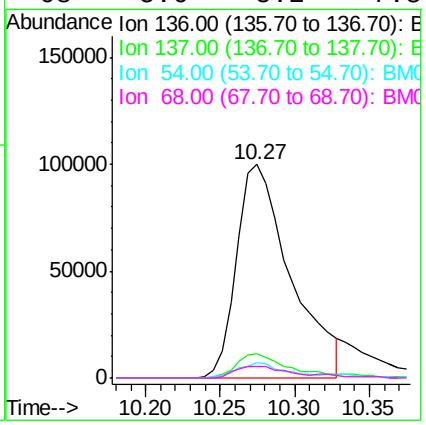


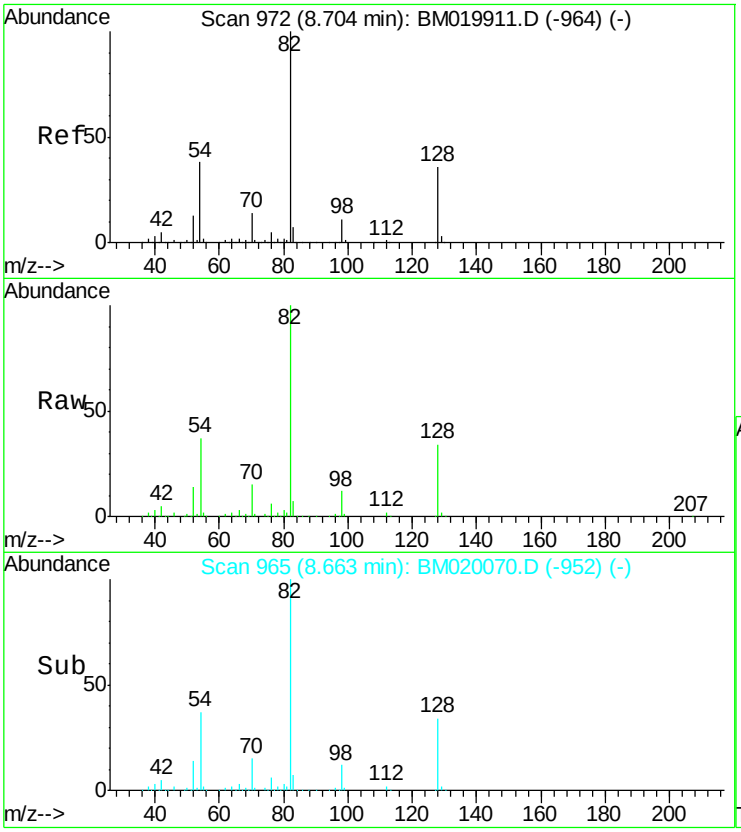


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt Ion:136 Resp: 251100

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	7.2	5.3	7.9
68	5.6	5.2	7.8



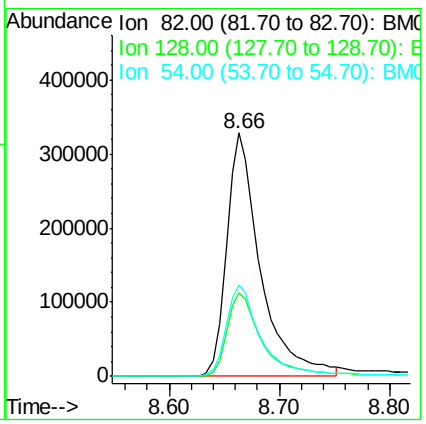


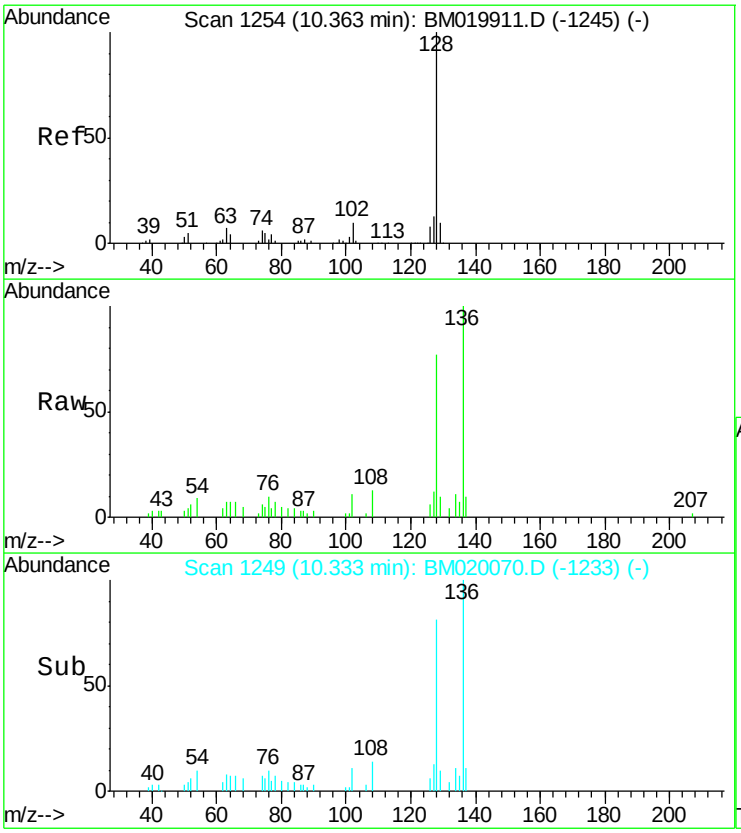
#23
Nitrobenzene-d5
Concen: 125.344 ng
RT: 8.66 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Instrument :
BNA_M
ClientSampleId :
CHRT-26835

Tgt Ion: 82 Resp: 703778

Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.0	43.4
54	37.4	30.2	45.4

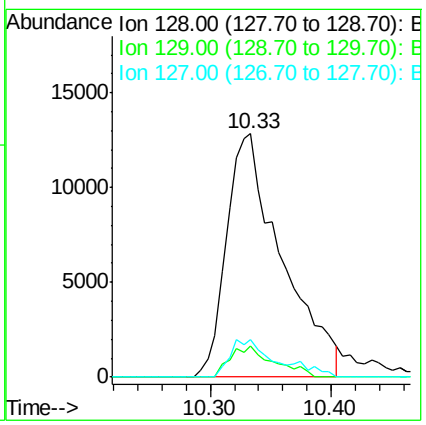


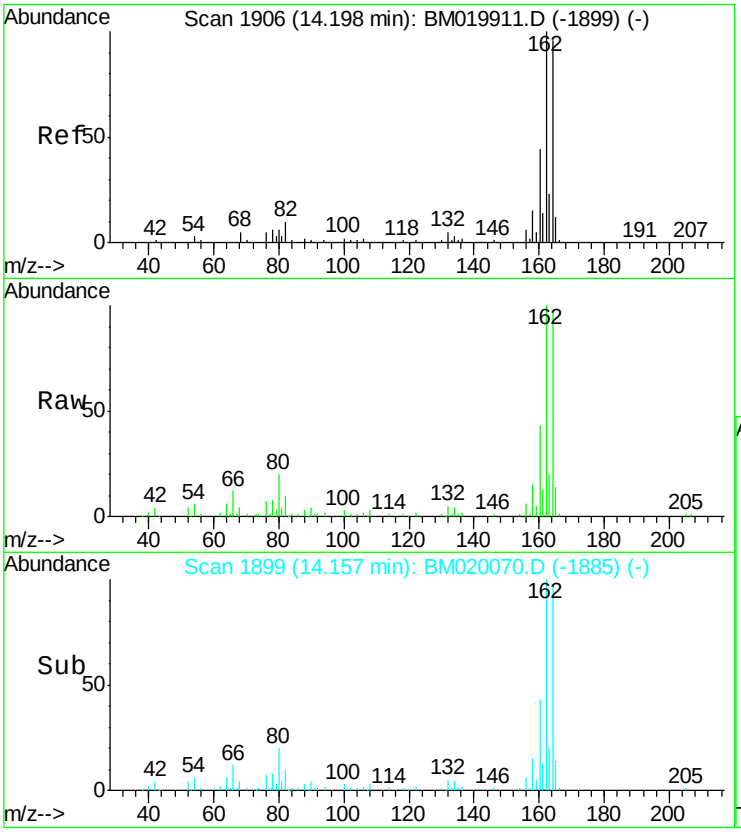


#31
Naphthalene
Concen: 3.023 ng
RT: 10.33 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt Ion:128 Resp: 40719

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.3	12.5#
127	15.5	10.4	15.6



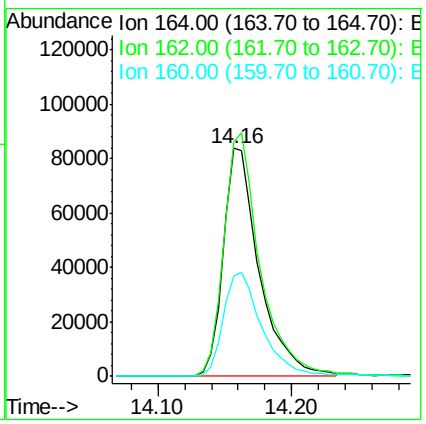


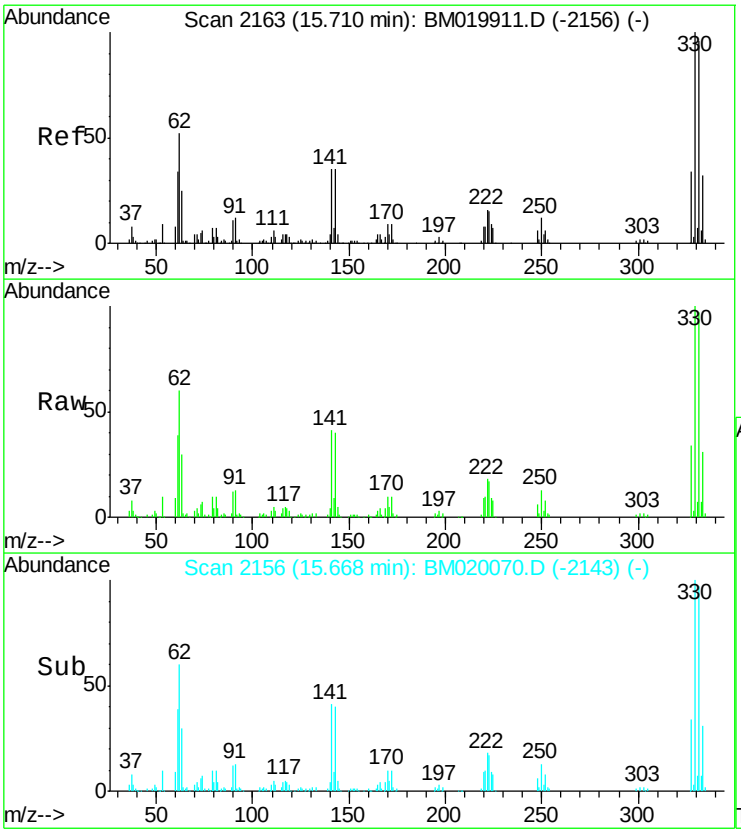
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Instrument :
BNA_M
ClientSampleId :
CHRT-26835

Tgt Ion:164 Resp: 158399

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.4
160	44.1	36.6	55.0

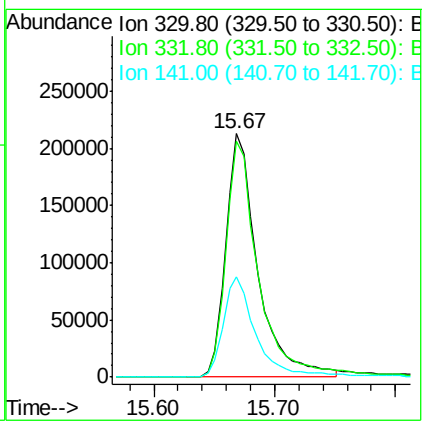


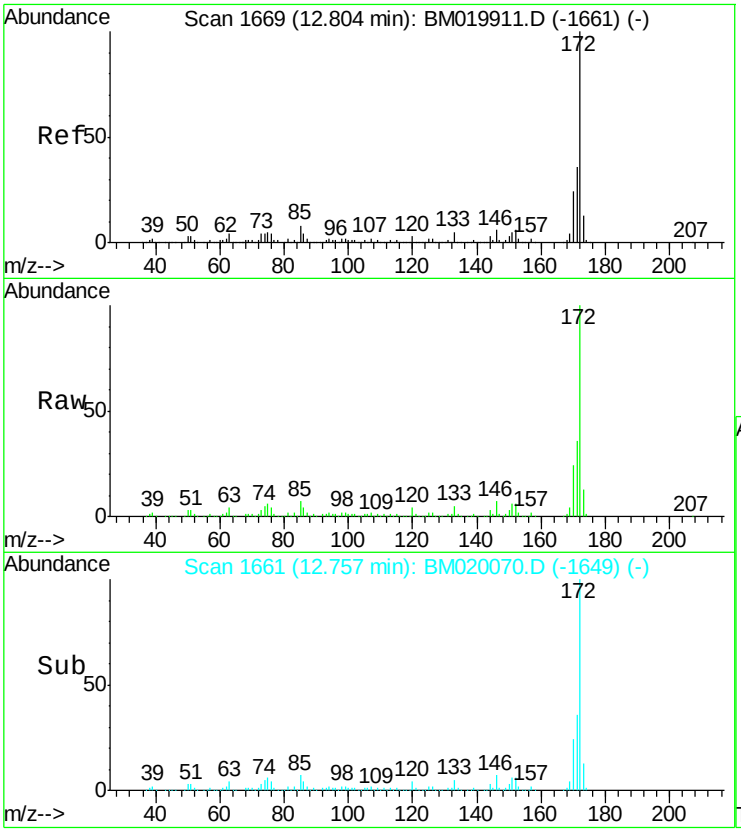


#42
2,4,6-Tribromophenol
Concen: 154.224 ng
RT: 15.67 min Scan# 2156
Delta R.T. -0.02 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt Ion:330 Resp: 393238

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	41.0	29.0	43.4



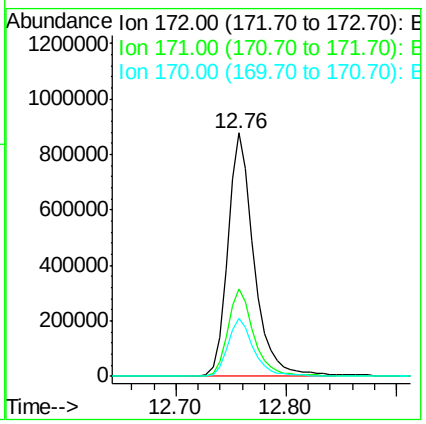


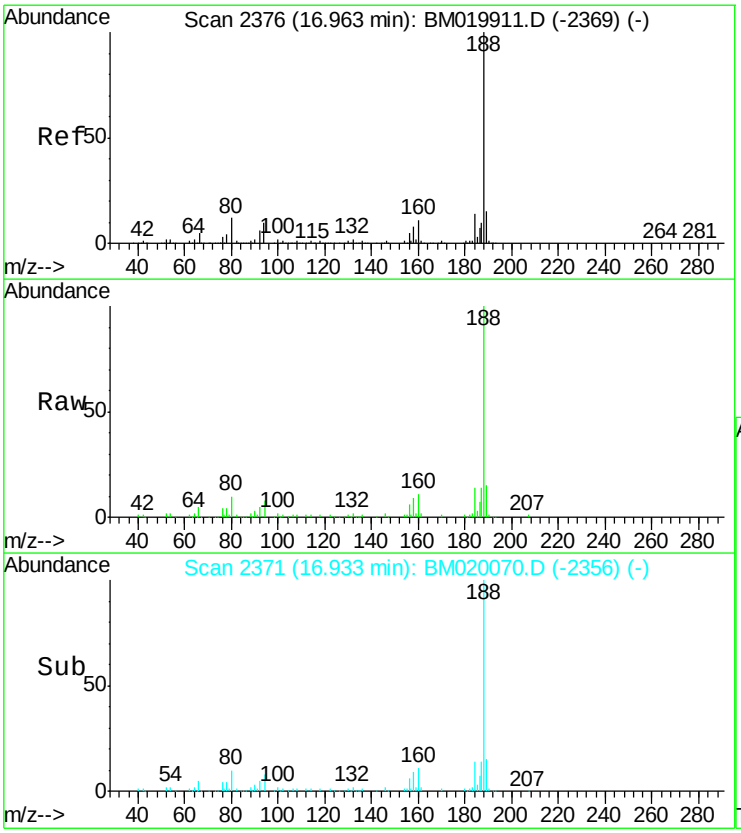
#45
2-Fluorobiphenyl
Concen: 114.558 ng
RT: 12.76 min Scan# 1661
Delta R.T. -0.03 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Instrument :
BNA_M
ClientSampleId :
CHRT-26835

Tgt Ion:172 Resp: 1456057

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.8	19.0	28.4

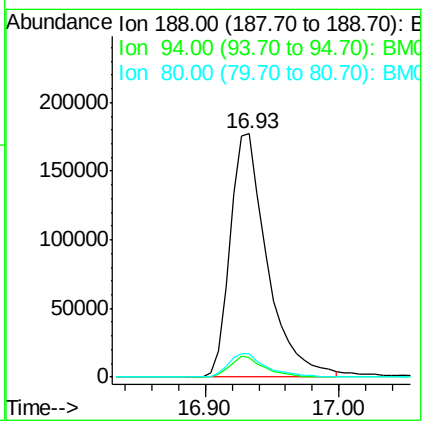


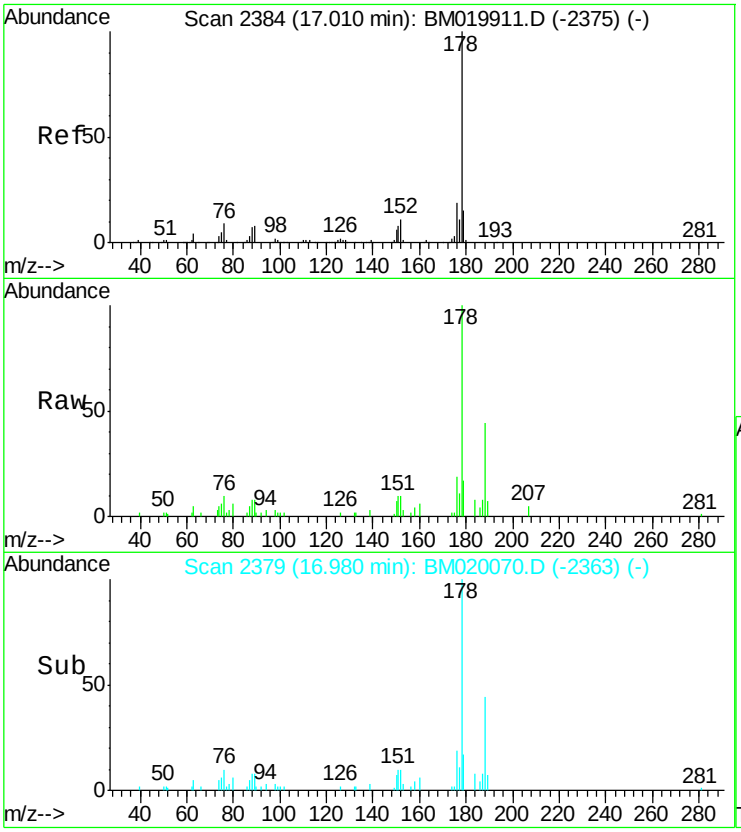


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt Ion:188 Resp: 343308

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.6	11.4
80	9.8	9.4	14.0



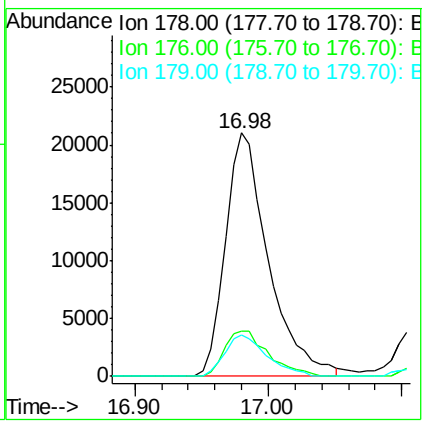


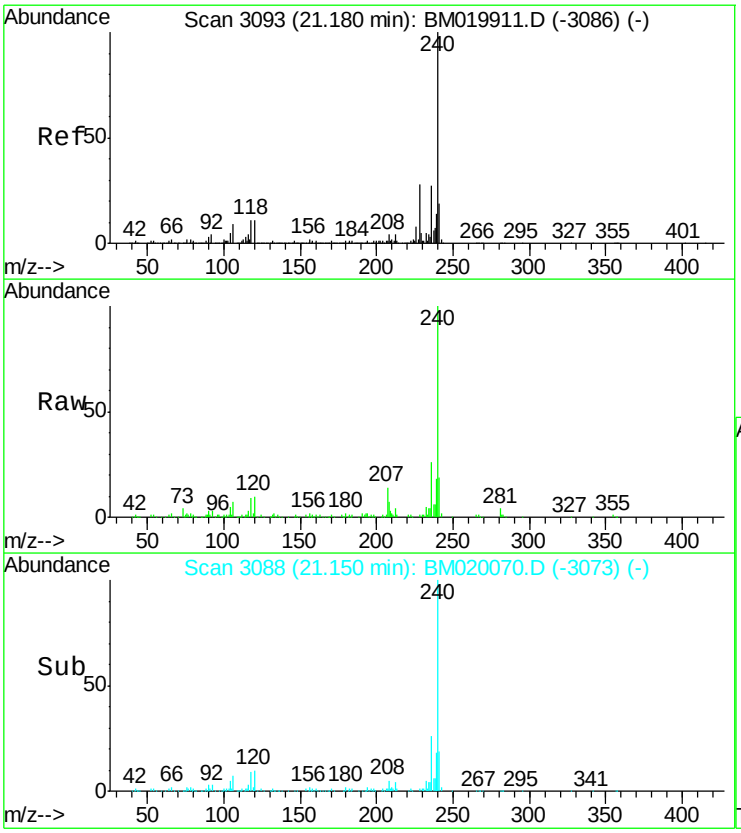
#71
Phenanthrene
Concen: 2.316 ng
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Instrument :
BNA_M
ClientSampleId :
CHRT-26835

Tgt Ion:178 Resp: 47186

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	17.0	12.2	18.4

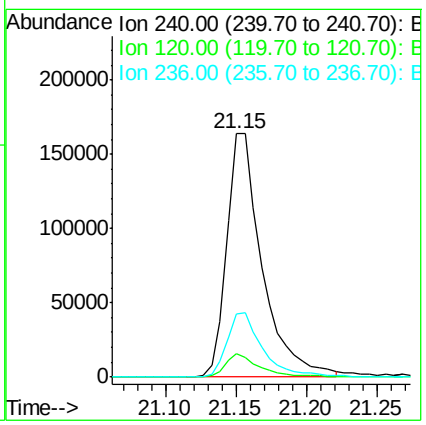


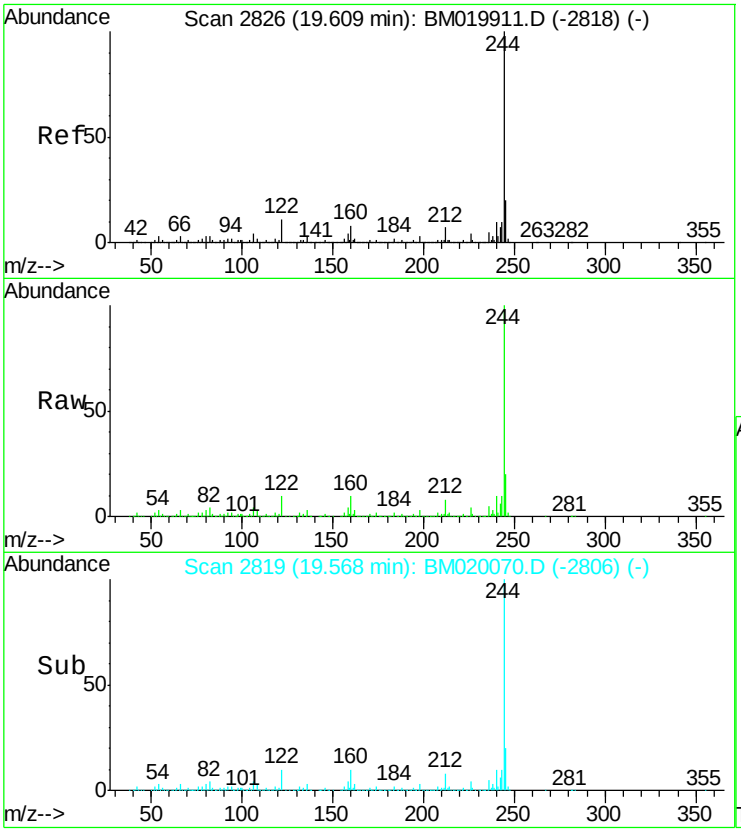


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt Ion:240 Resp: 287375

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.6	13.0
236	25.8	21.4	32.2



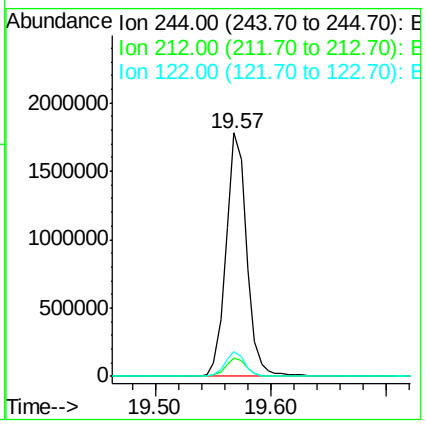


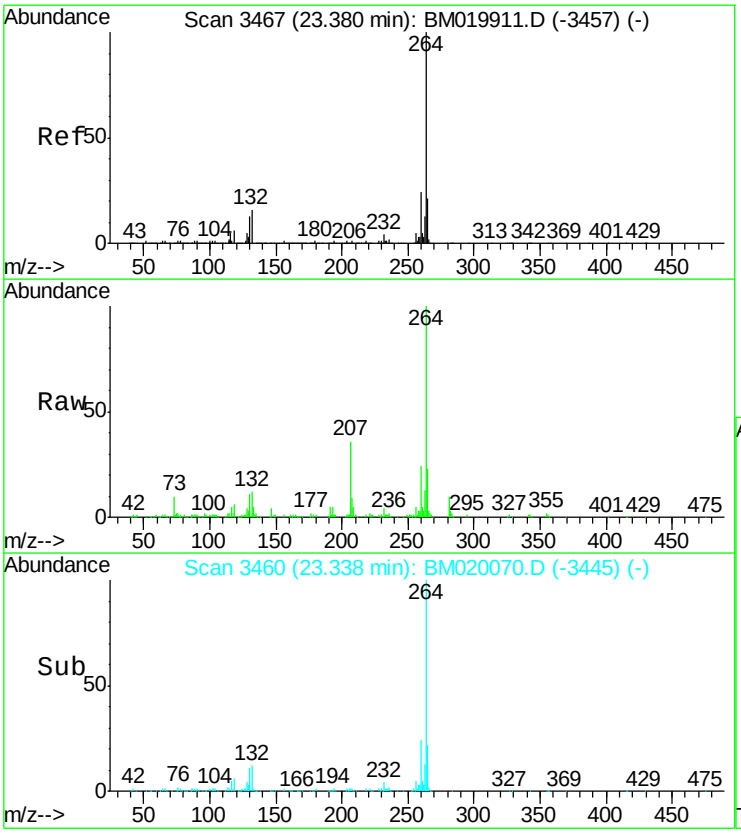
#79
Terphenyl-d14
Concen: 135.187 ng
RT: 19.57 min Scan# 2819
Delta R.T. -0.02 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Instrument :
BNA_M
ClientSampleId :
CHRT-26835

Tgt Ion:244 Resp: 2202557

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	10.0	9.1	13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM020070.D
Acq: 24 Apr 2019 18:29

Tgt Ion:264 Resp: 321601

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.1	17.2	25.8