Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002609.D
Acq On : 01 Jul 2020 17:57
Operator : CG/JU
Sample : L3155-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-D19

Quant Time: Jul 02 07:49:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	281887	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1089077	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	644734	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1323184	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1101782	20.00	ng	0.00
86) Perylene-d12	23.28	264	953328	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	821084	49.32	ng	0.00
7) Phenol-d6	6.76	99	671382	28.89	ng	0.00
23) Nitrobenzene-d5	8.72	82	1664211	78.74	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	882020	112.48	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3423353	78.15	ng	0.00
79) Terphenyl-d14	19.57	244	4266922	83.59	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.66	122	5005	9.037	ng	# 57
50) Dimethylphthalate	13.68	163	503481	9.943	ng	100

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

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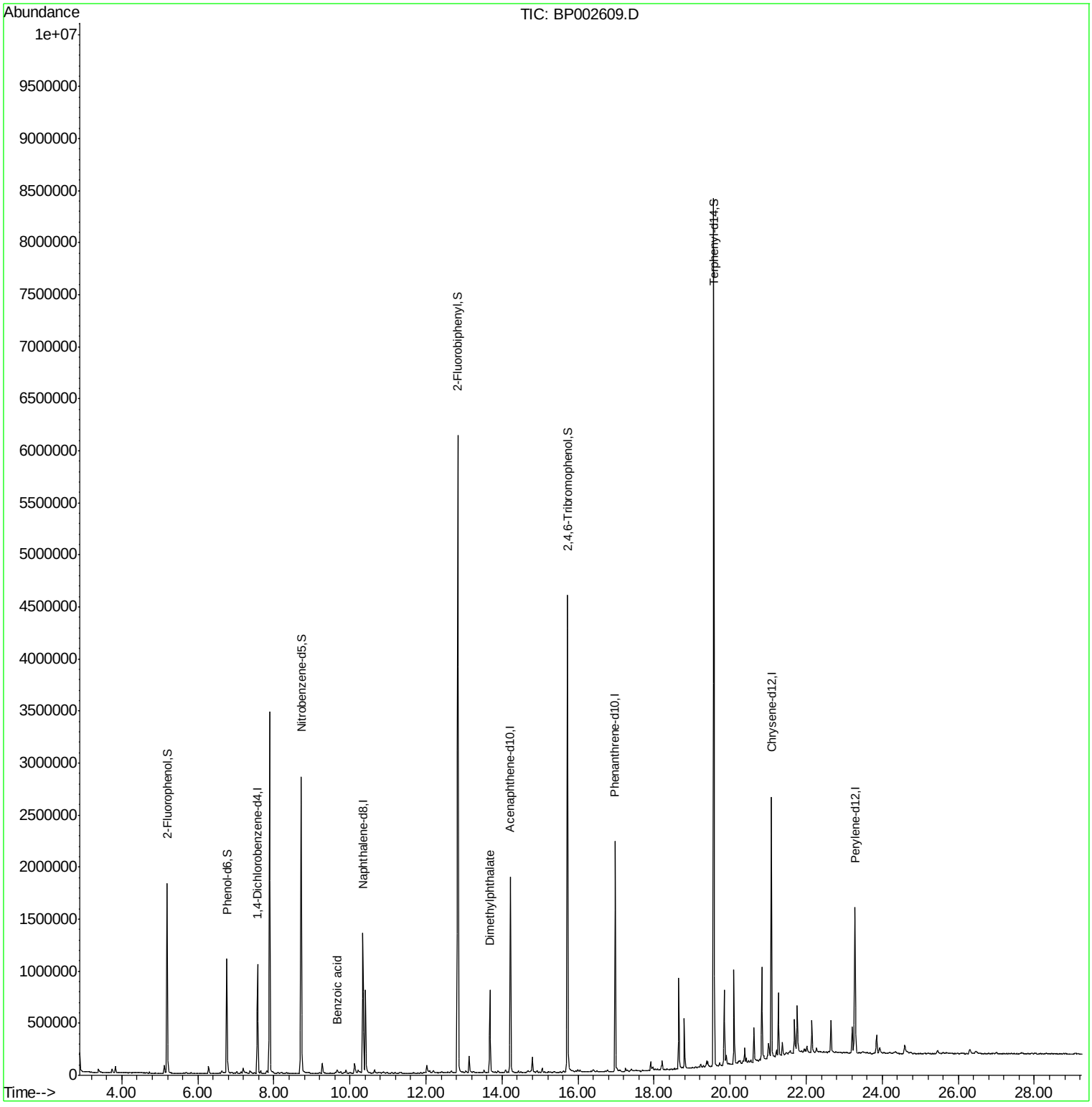
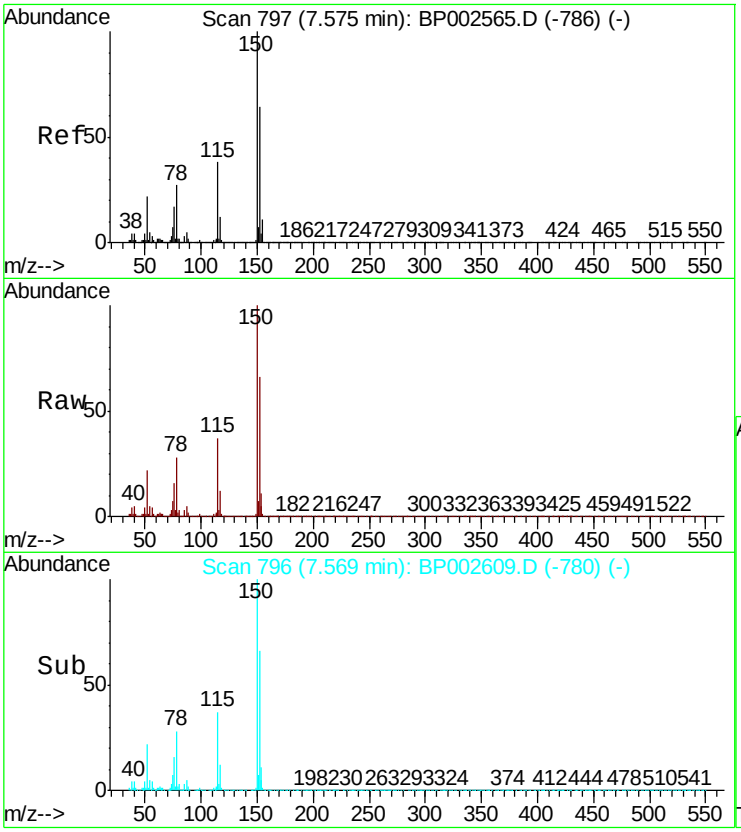


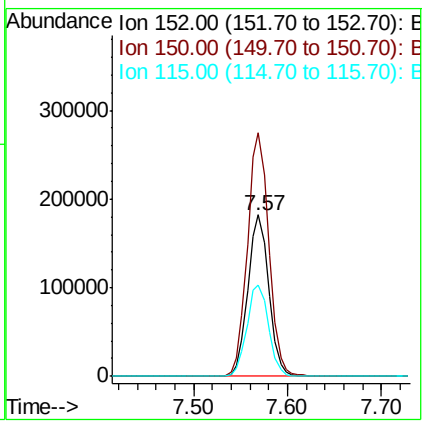


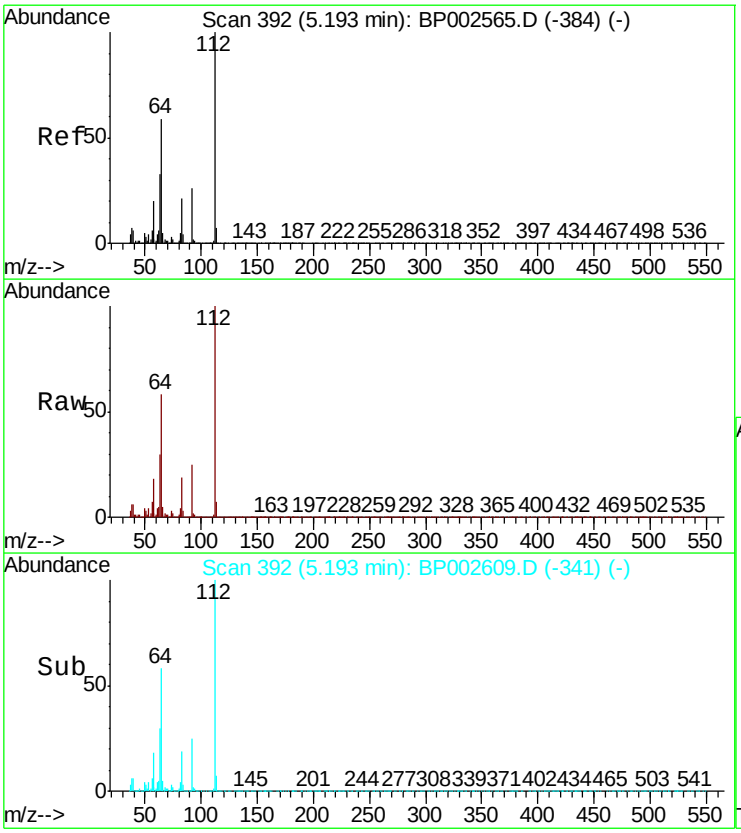
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:152 Resp: 281887

Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.2	186.2
115	56.6	47.1	70.7

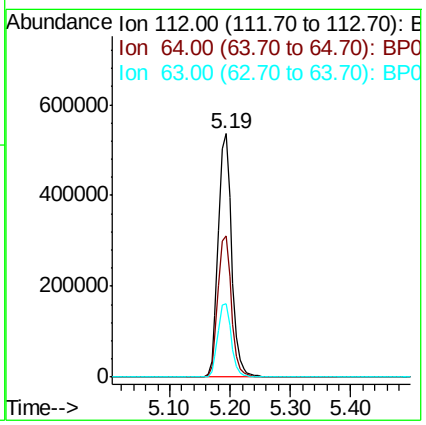


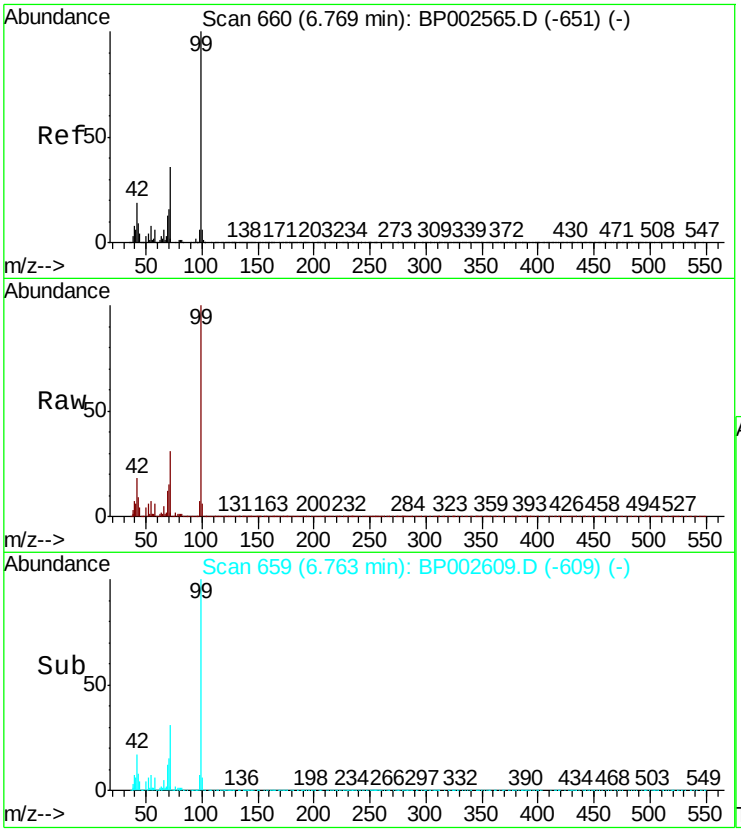


#5
2-Fluorophenol
Concen: 49.317 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion:112 Resp: 821084

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.0	70.6
63	30.1	26.1	39.1



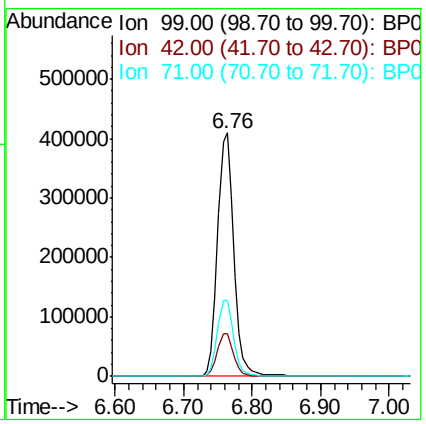


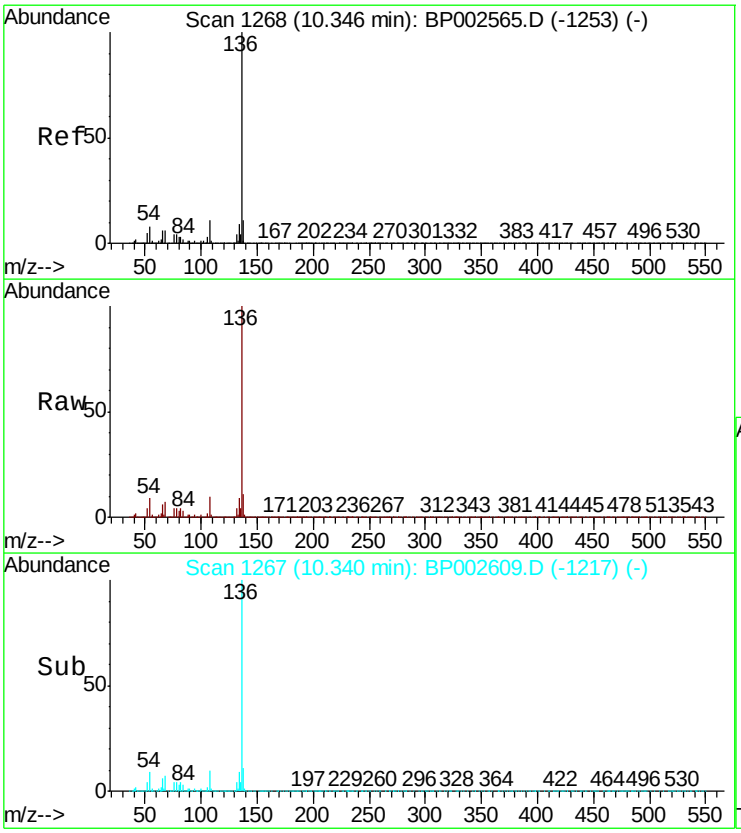
#7
Phenol-d6
Concen: 28.892 ng
RT: 6.76 min Scan# 659
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion: 99 Resp: 671382

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.5	23.3
71	30.9	28.9	43.3

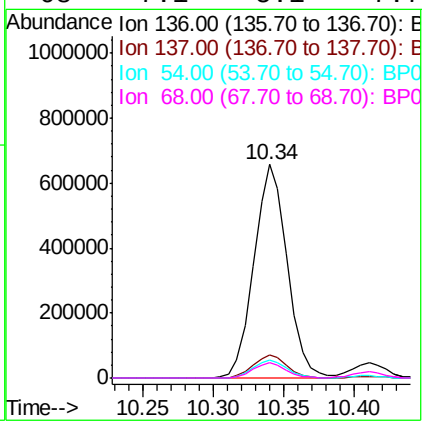


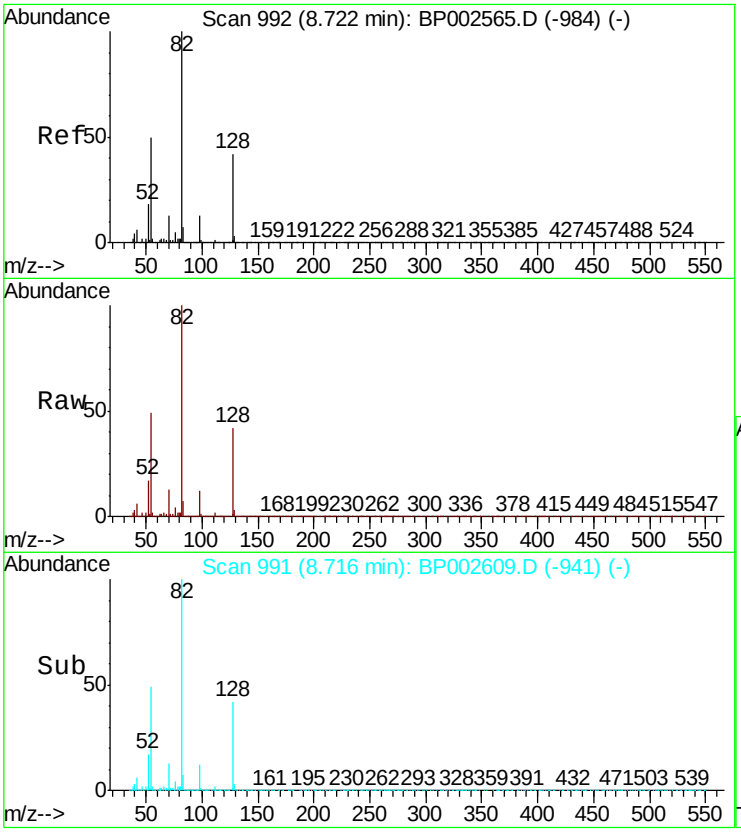


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion:136 Resp: 1089077

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.7	6.4	9.6
68	7.1	5.1	7.7



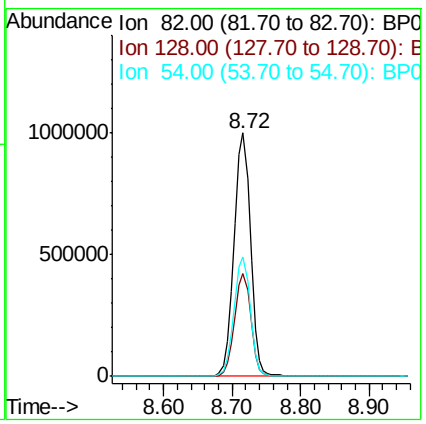


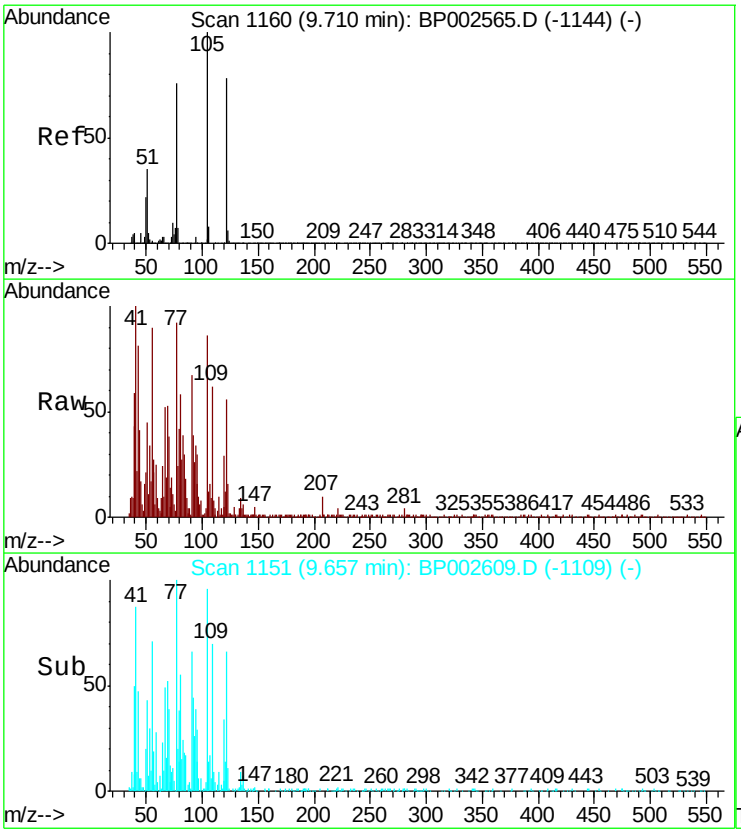
#23
Nitrobenzene-d5
Concen: 78.735 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion: 82 Resp: 1664211

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.2
54	49.0	40.1	60.1

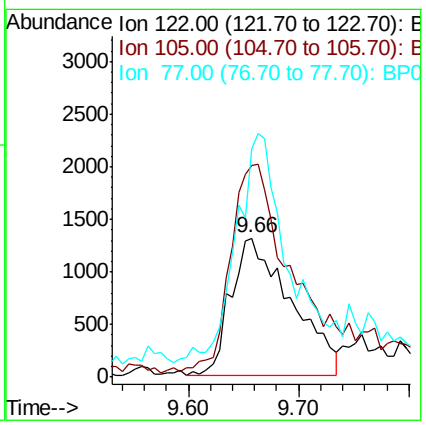


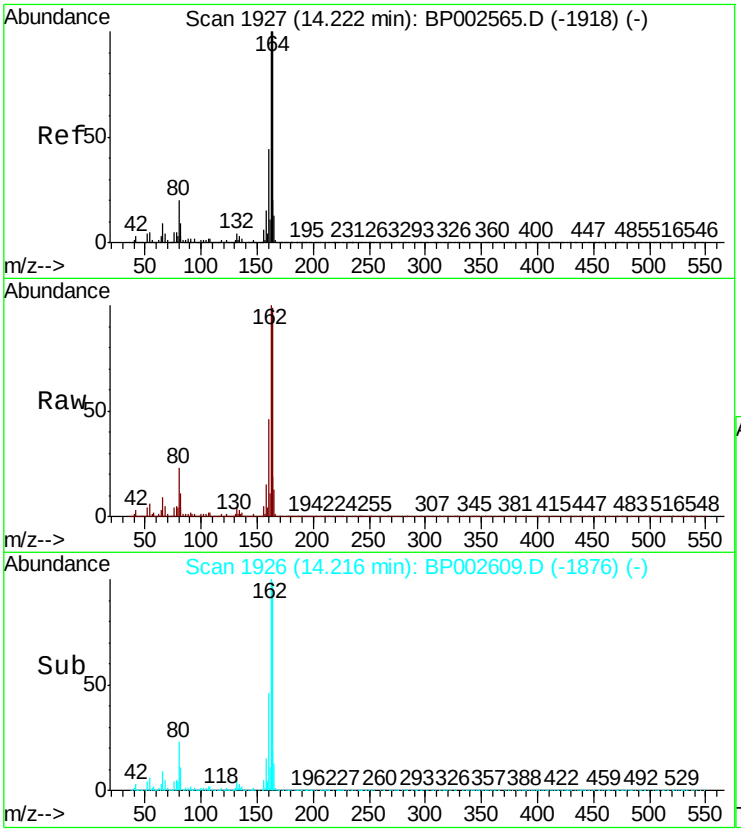


#32
Benzoic acid
Concen: 9.037 ng
RT: 9.66 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion:122 Resp: 5005

Ion	Ratio	Lower	Upper
122	100		
105	152.9	106.6	146.6#
77	164.1	76.5	116.5#



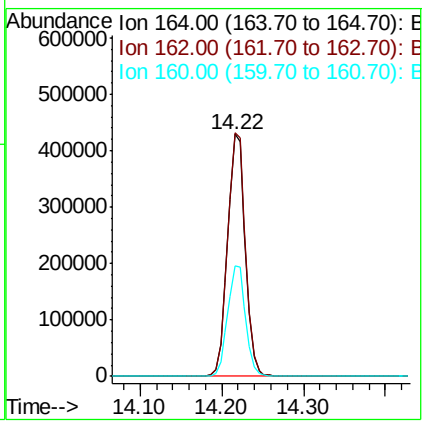


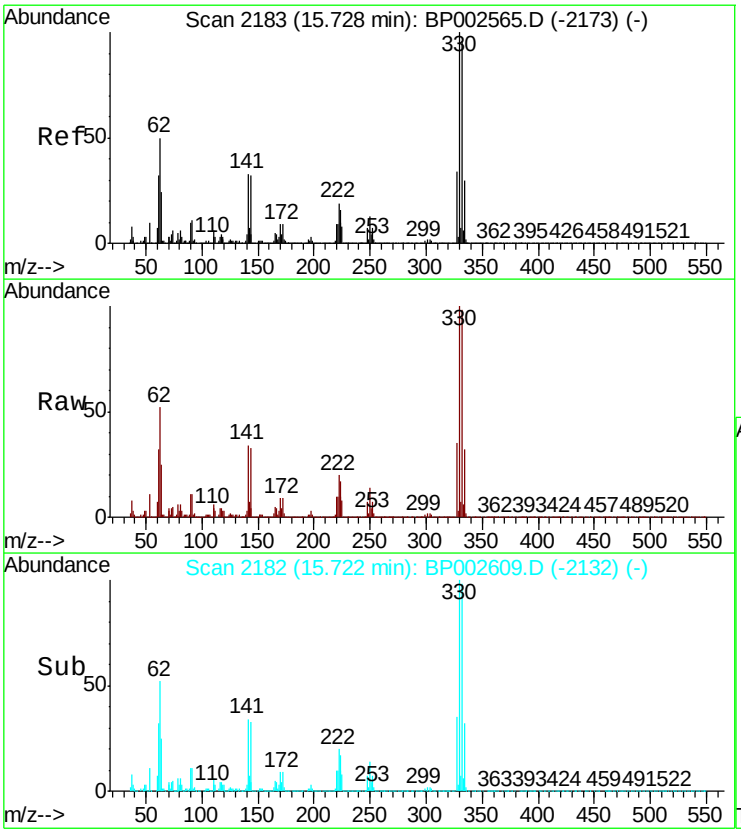
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:164 Resp: 644734

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.3	120.5
160	45.9	35.0	52.6

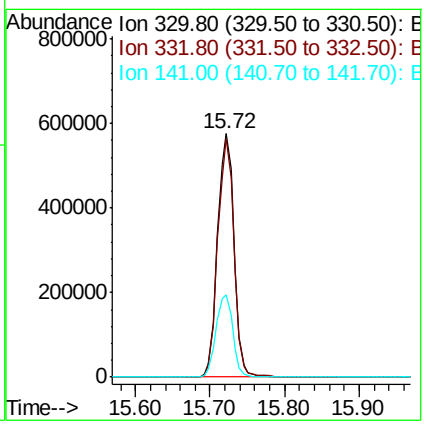


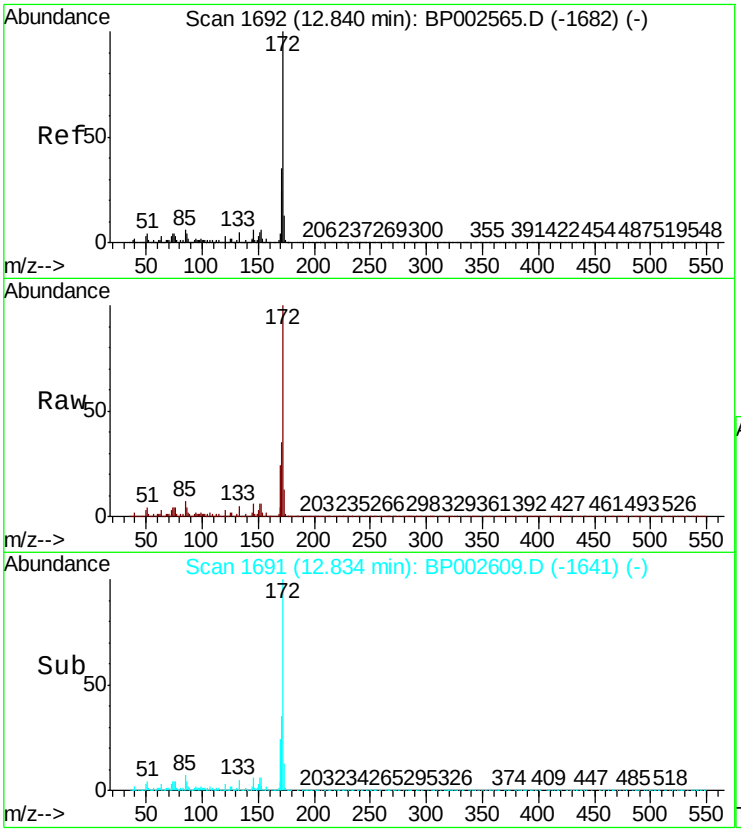


#42
2,4,6-Tribromophenol
Concen: 112.477 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion:330 Resp: 882020

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.7	116.5
141	34.4	29.0	43.6



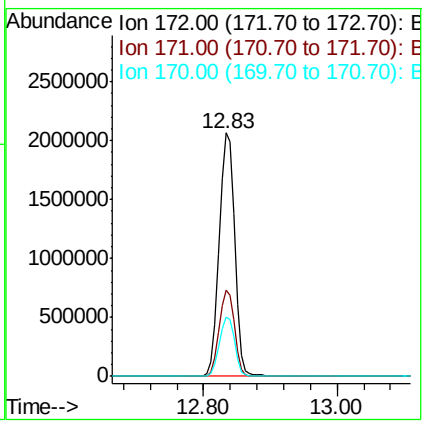


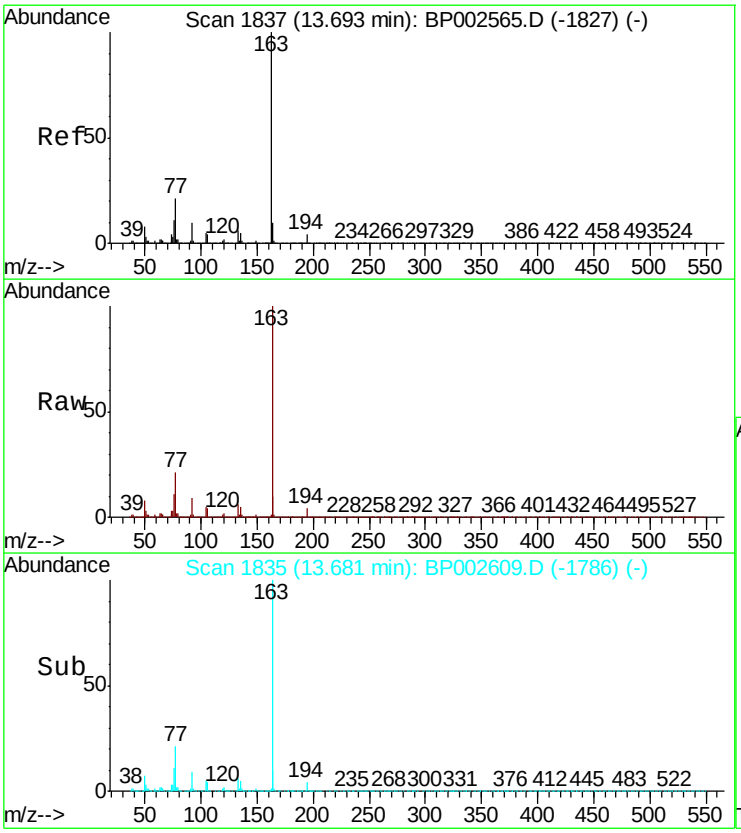
#45
2-Fluorobiphenyl
Concen: 78.150 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:172 Resp: 3423353

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.0	42.0
170	24.1	19.0	28.4

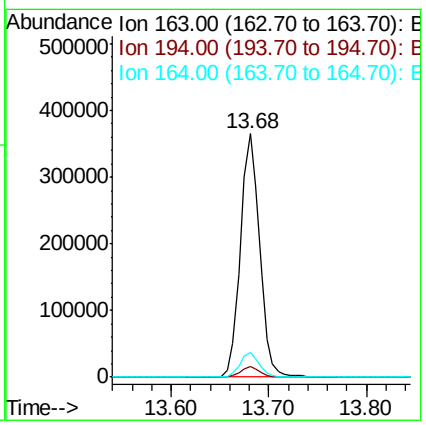


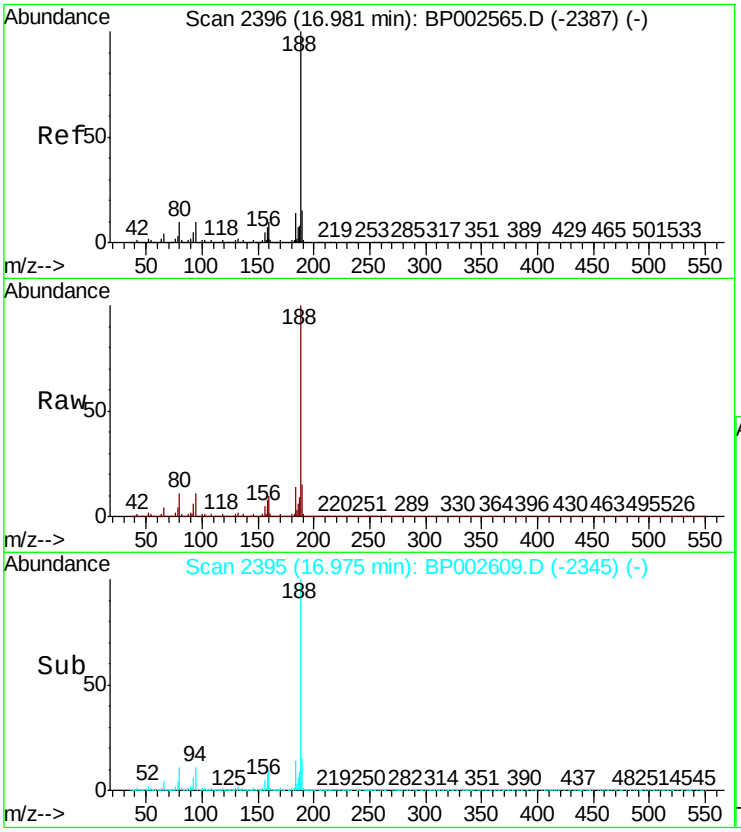


#50
Dimethylphthalate
Concen: 9.943 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion:163 Resp: 503481

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.1	8.2	12.4



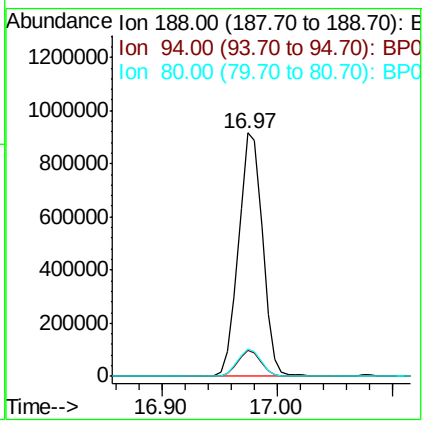


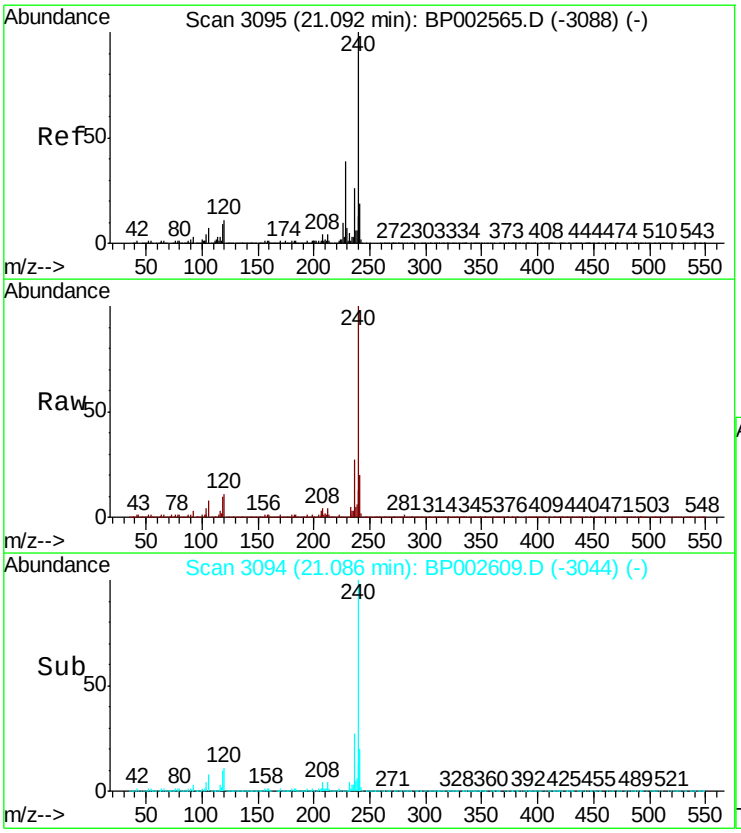
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:188 Resp: 1323184

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.8	11.6
80	11.3	8.2	12.4

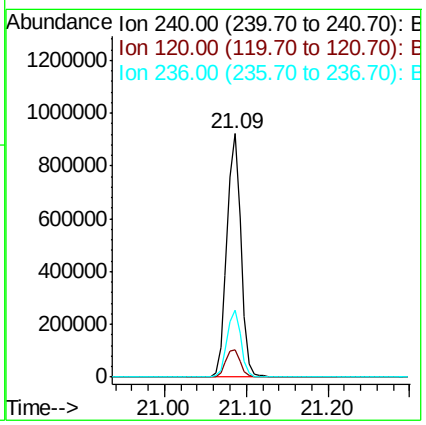


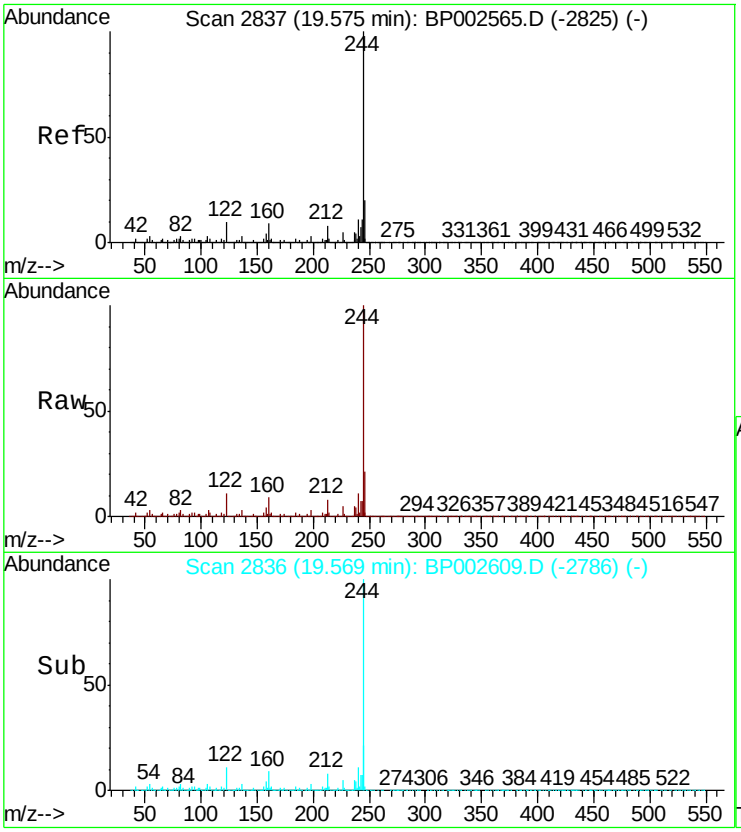


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion:240 Resp: 1101782

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.6	13.0
236	27.4	20.8	31.2



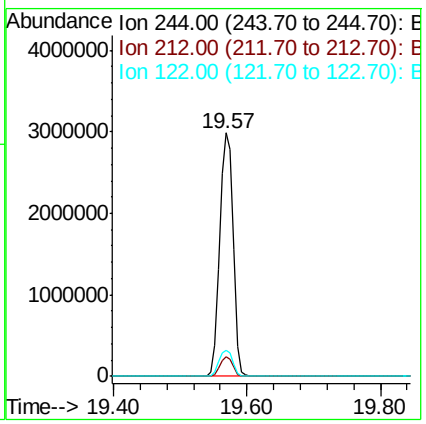


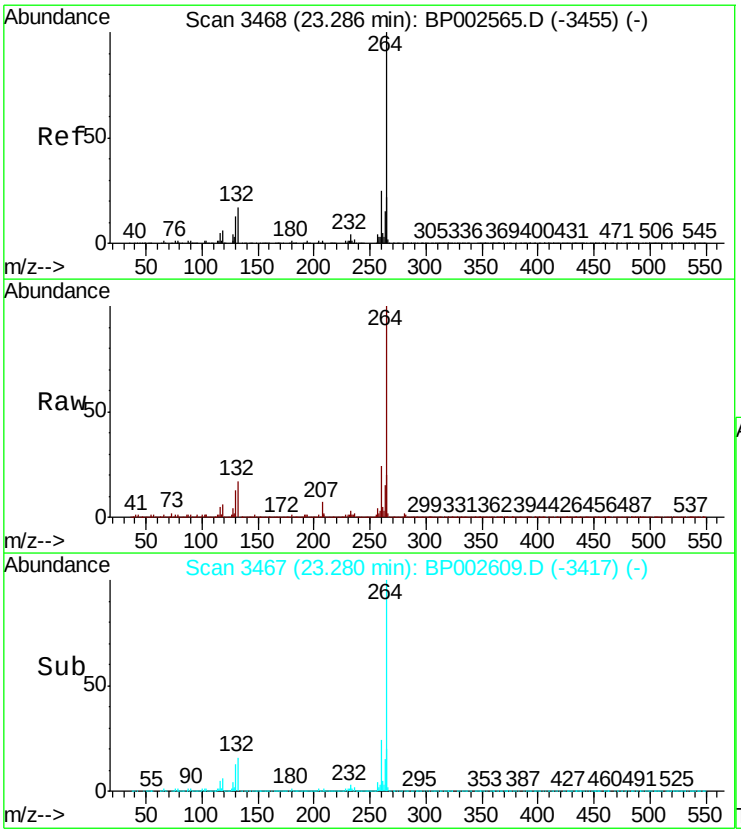
#79
Terphenyl-d14
Concen: 83.593 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:244 Resp: 4266922

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.6	7.9	11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion:264 Resp: 953328

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.7	29.5
265	20.5	17.6	26.4