Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
Data File : BP019638.D
Acq On : 09 Feb 2024 18:26
Operator : MA/JU
Sample : P1372-06DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch5DL

Quant Time: Feb 10 00:51:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	83735	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	313065	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	201018	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	432862	20.000	ng	0.00
76) Chrysene-d12	21.386	240	430274	20.000	ng	0.00
86) Perylene-d12	23.810	264	522931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	73006	14.054	ng	0.00
7) Phenol-d6	7.075	99	57040	8.143	ng	-0.01
23) Nitrobenzene-d5	9.075	82	154404	21.371	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	105248	35.860	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	349845	21.515	ng	-0.01
79) Terphenyl-d14	19.863	244	542296	20.727	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.105	94	15981	2.289	ng	97
20) 3+4-Methylphenols	8.675	107	322752	50.317	ng	91
31) Naphthalene	10.757	128	904851	52.699	ng	99
38) 1-Methylnaphthalene	12.587	142	136553	11.694	ng	97
49) Acenaphthylene	14.263	152	78530	4.250	ng	98
52) Acenaphthene	14.604	154	47108	4.108	ng	98

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

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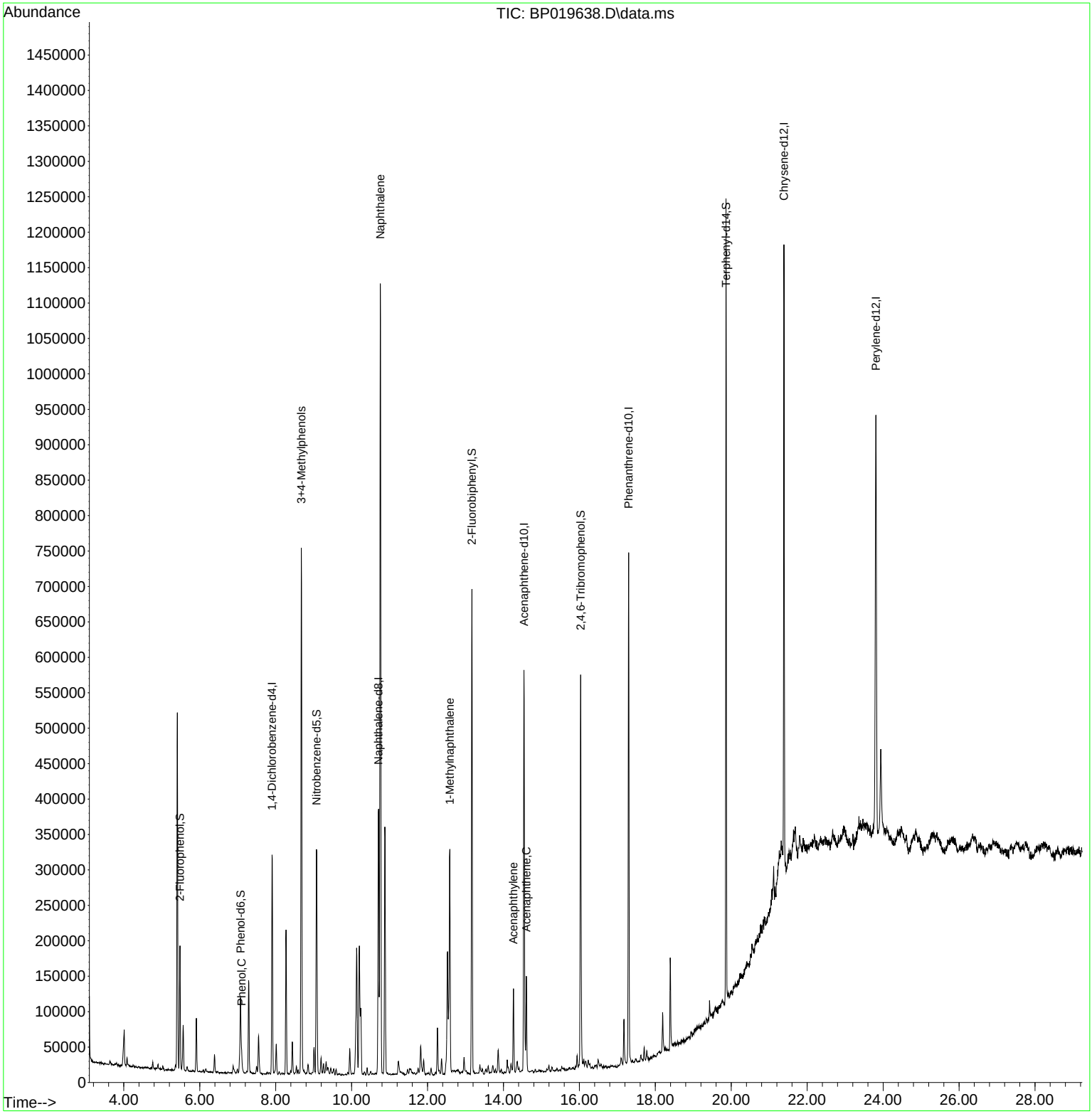
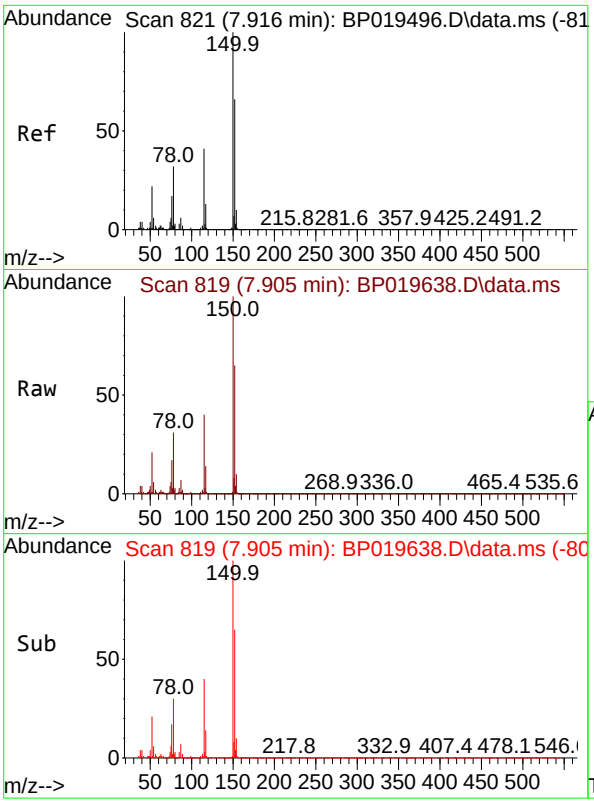


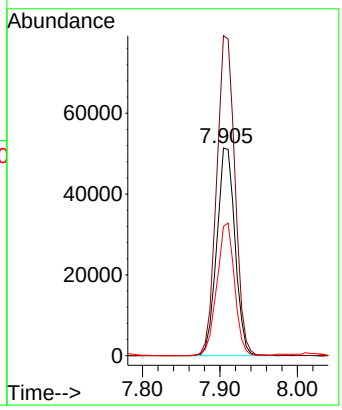


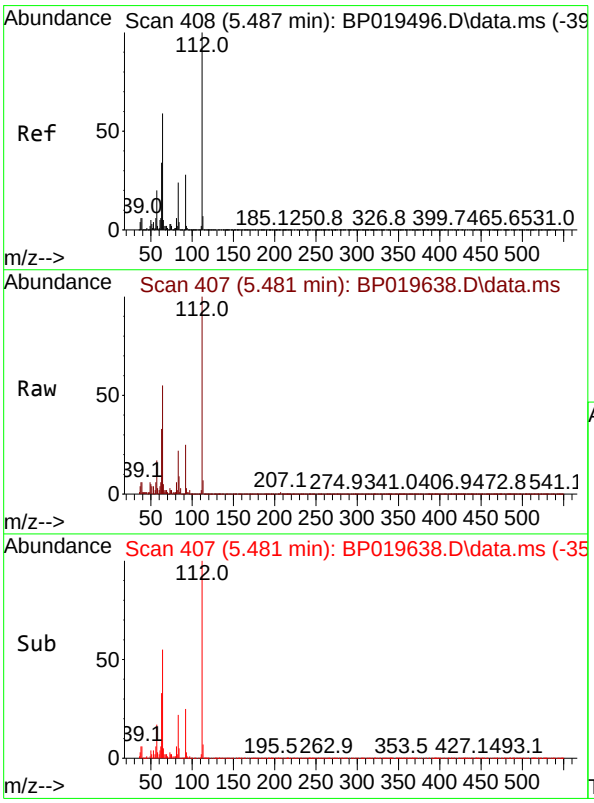
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 8
Delta R.T. -0.011 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch5DL

Tgt Ion:152 Resp: 83735

Ion	Ratio	Lower	Upper
152	100		
150	154.1	121.8	182.8
115	62.3	49.9	74.9

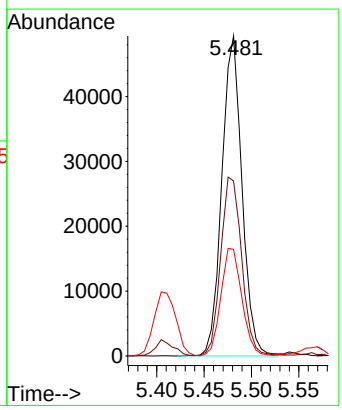


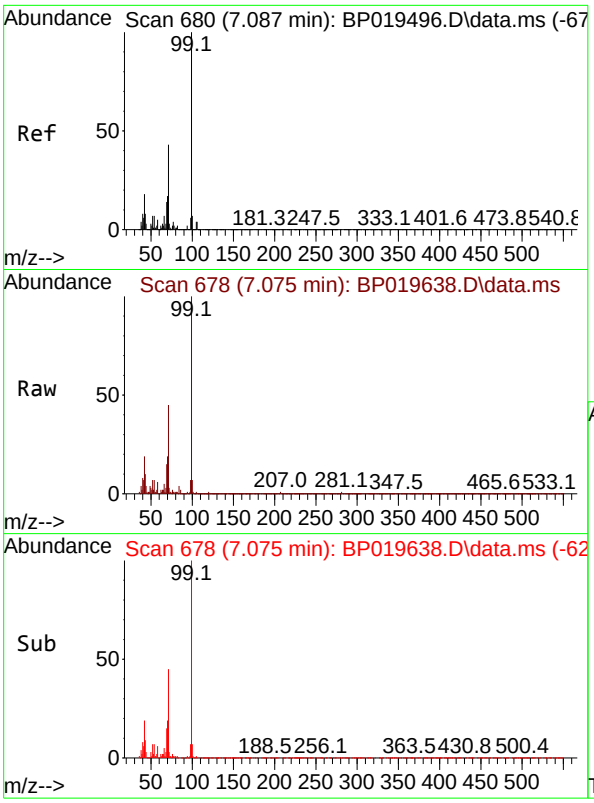


#5
2-Fluorophenol
Concen: 14.054 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Tgt Ion:112 Resp: 73006

Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.4	71.0
63	33.4	27.0	40.6



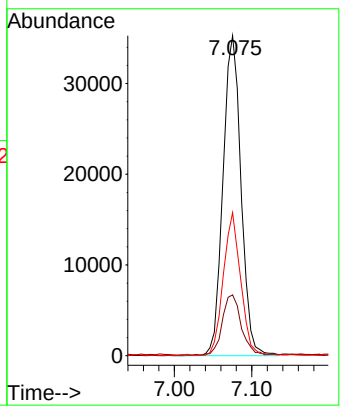


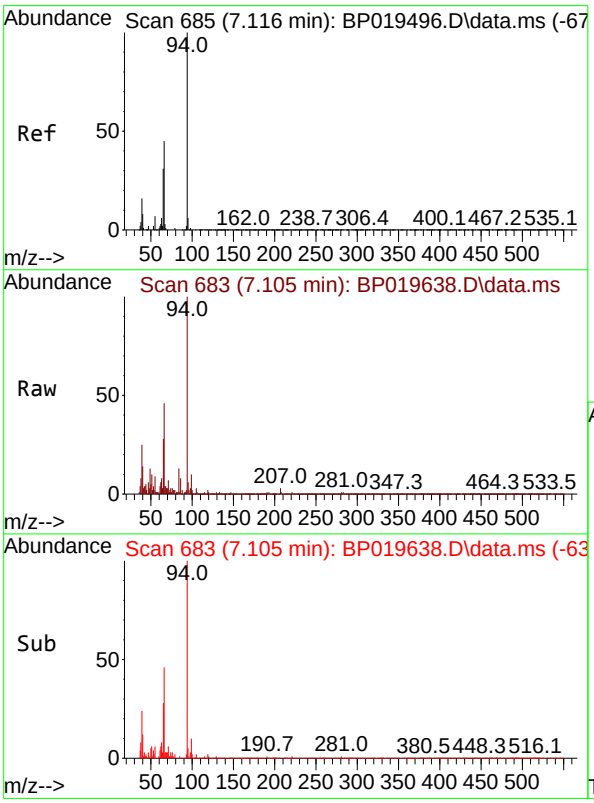
#7
Phenol-d6
Concen: 8.143 ng
RT: 7.075 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch5DL

Tgt Ion: 99 Resp: 57040

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.7	22.1
71	44.7	34.8	52.2

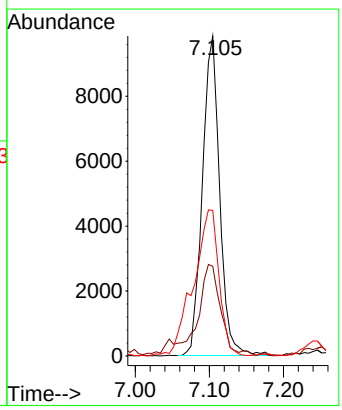


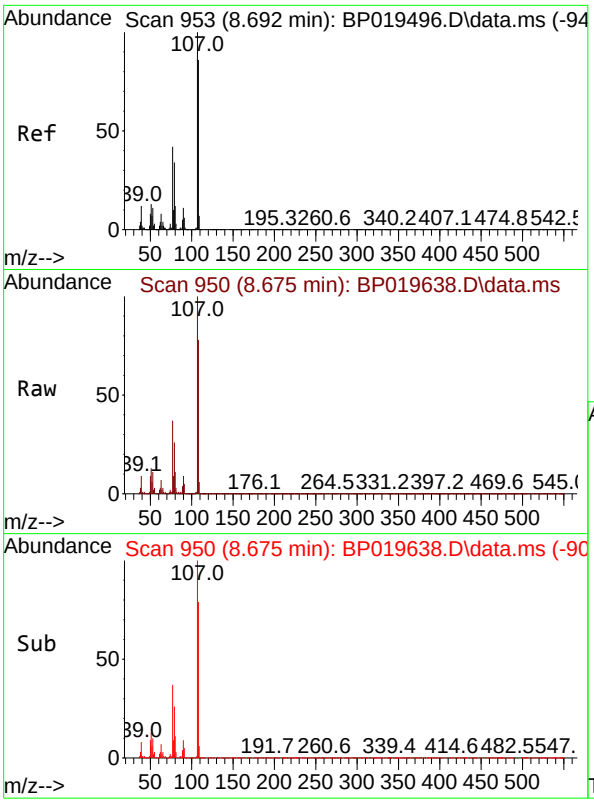


#10
Phenol
Concen: 2.289 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Tgt Ion: 94 Resp: 15981

Ion	Ratio	Lower	Upper
94	100		
65	28.0	11.3	51.3
66	45.5	25.1	65.1



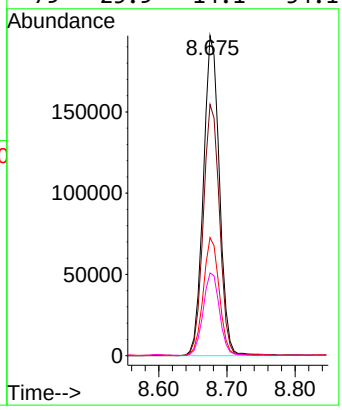


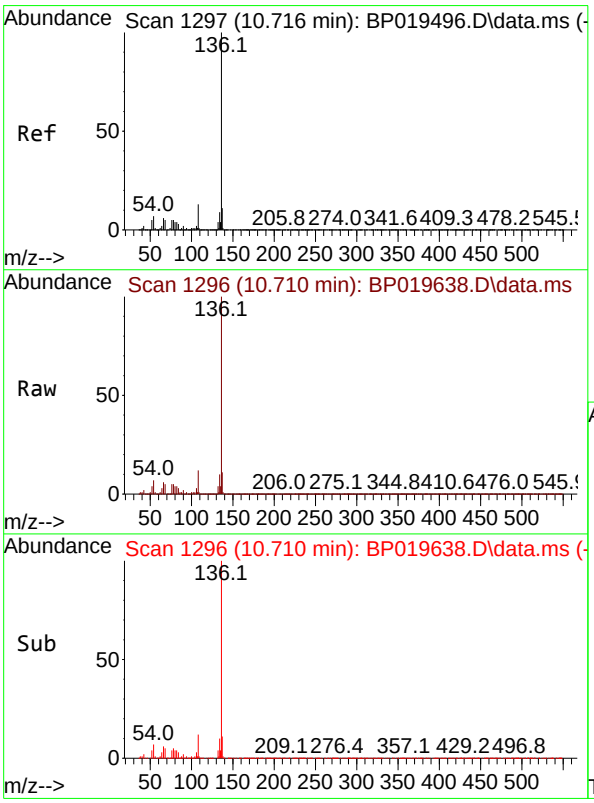
#20
3+4-Methylphenols
Concen: 50.317 ng
RT: 8.675 min Scan# 9
Delta R.T. -0.017 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch5DL

Tgt Ion:107 Resp: 322752

Ion	Ratio	Lower	Upper
107	100		
108	78.5	65.5	105.5
77	36.9	21.8	61.8
79	25.9	14.1	54.1

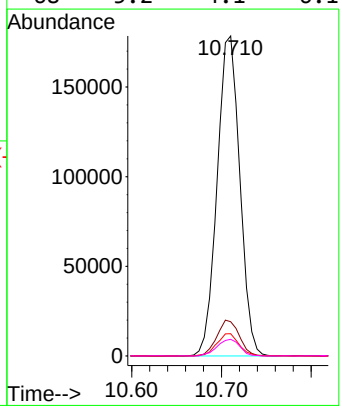


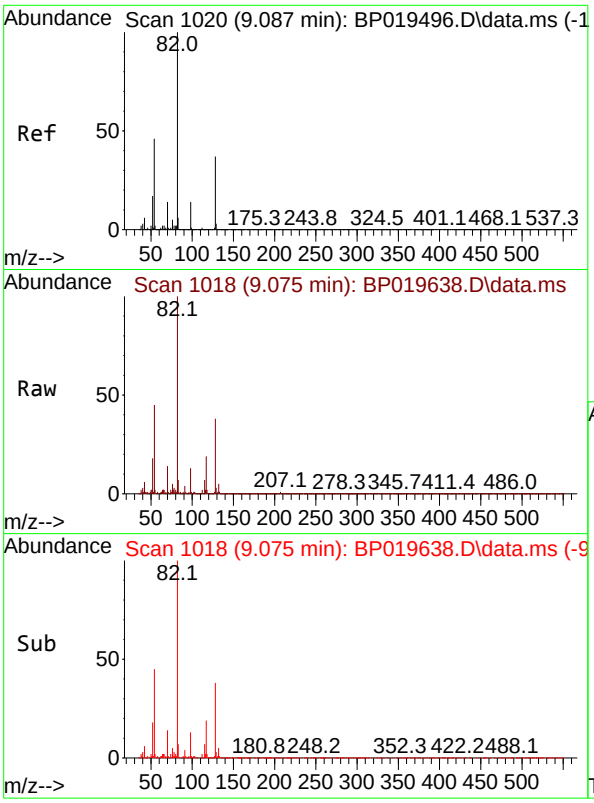


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Tgt Ion:136 Resp: 313065

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.0	5.3	7.9
68	5.2	4.1	6.1



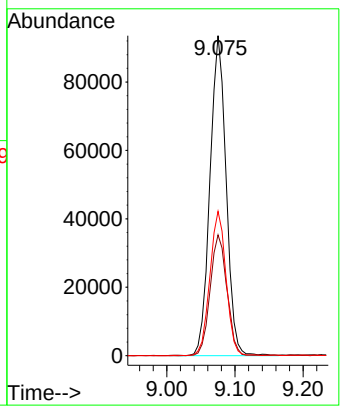


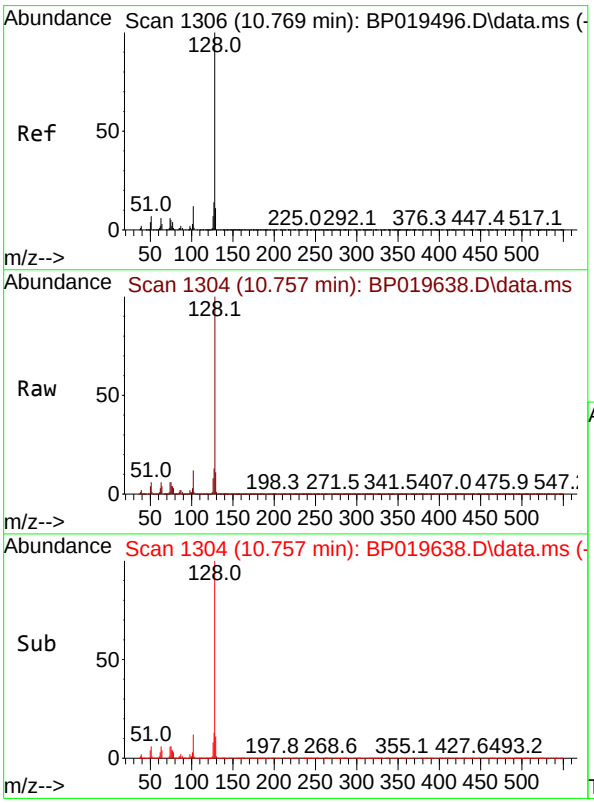
#23
Nitrobenzene-d5
Concen: 21.371 ng
RT: 9.075 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch5DL

Tgt Ion: 82 Resp: 154404

Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.7	44.5
54	45.1	36.8	55.2

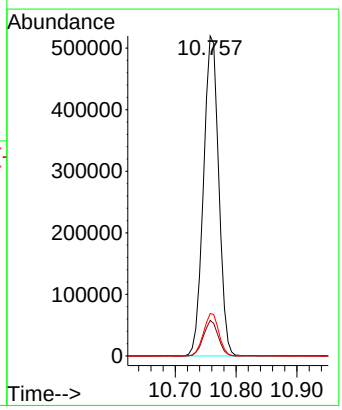


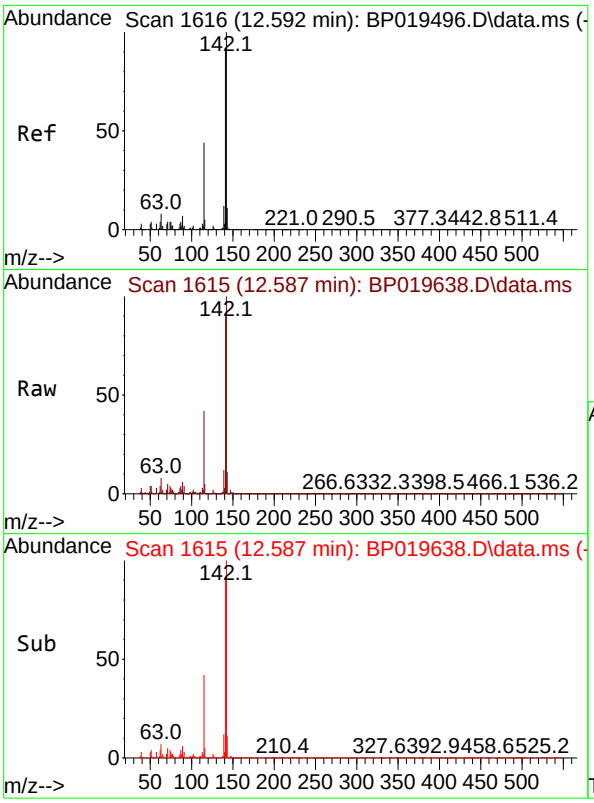


#31
Naphthalene
Concen: 52.699 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.012 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Tgt Ion:128 Resp: 904851

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.3	10.8	16.2



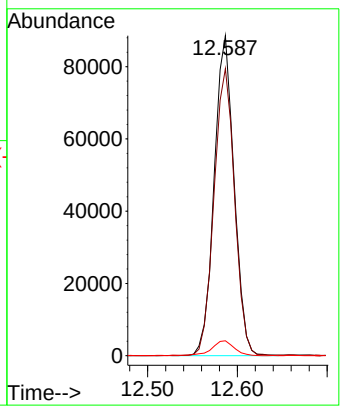


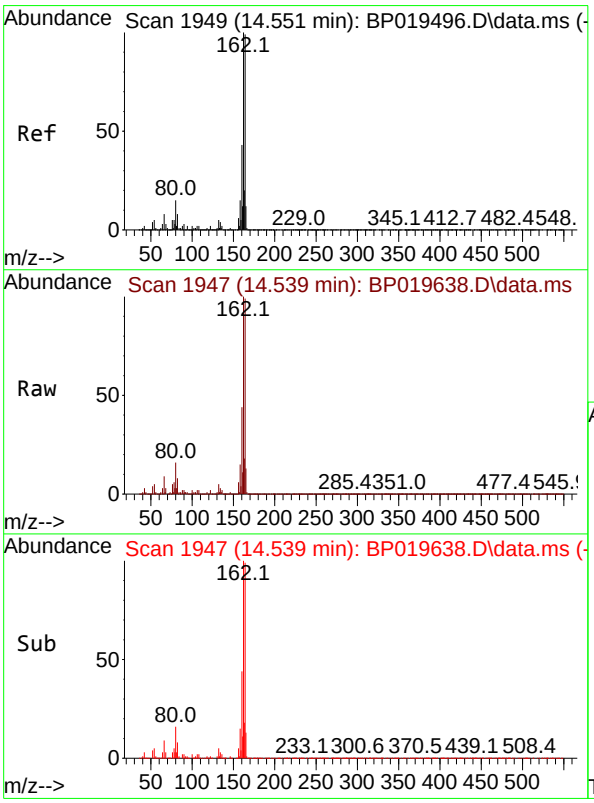
#38
1-Methylnaphthalene
Concen: 11.694 ng
RT: 12.587 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch5DL

Tgt Ion:142 Resp: 136553

Ion	Ratio	Lower	Upper
142	100		
141	89.7	74.0	111.0
116	4.7	3.7	5.5

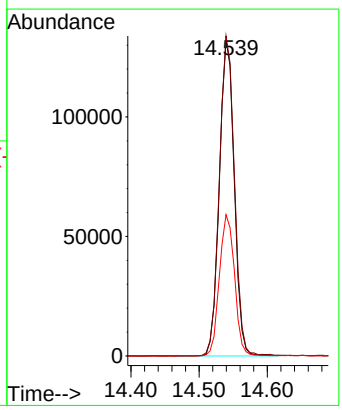


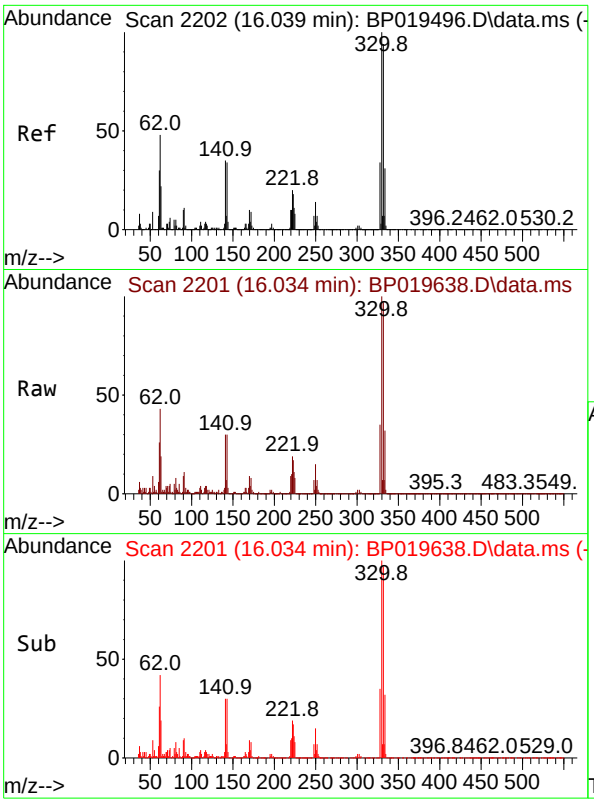


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Tgt Ion:164 Resp: 201018

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.2	121.8
160	44.7	35.1	52.7



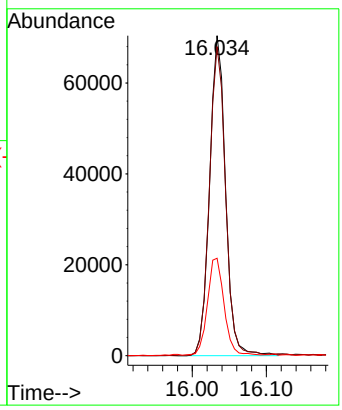


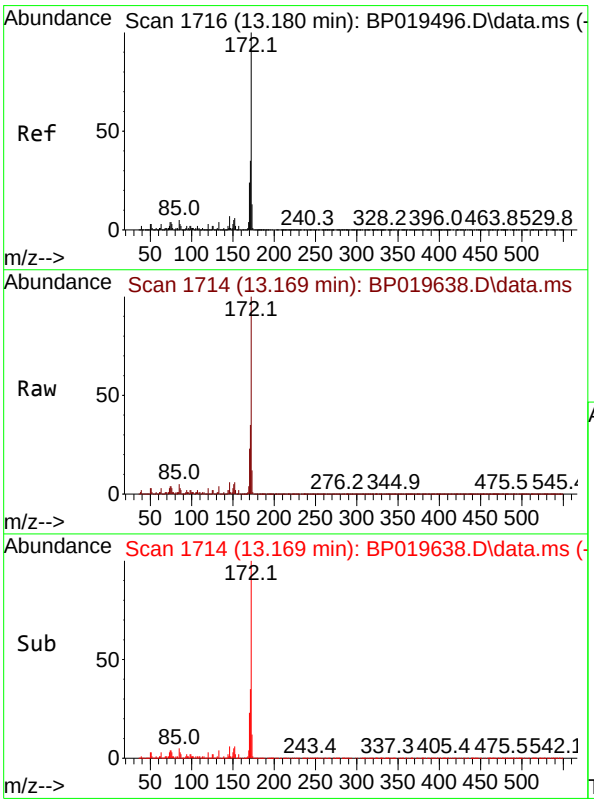
#42
2,4,6-Tribromophenol
Concen: 35.860 ng
RT: 16.034 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch5DL

Tgt Ion:330 Resp: 105248

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.2	115.8
141	31.4	27.0	40.4

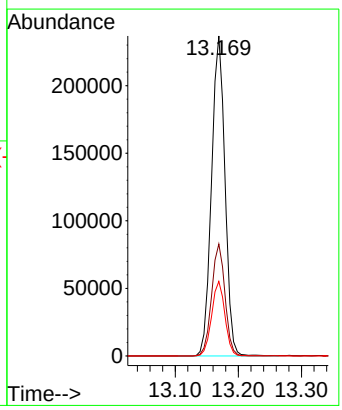


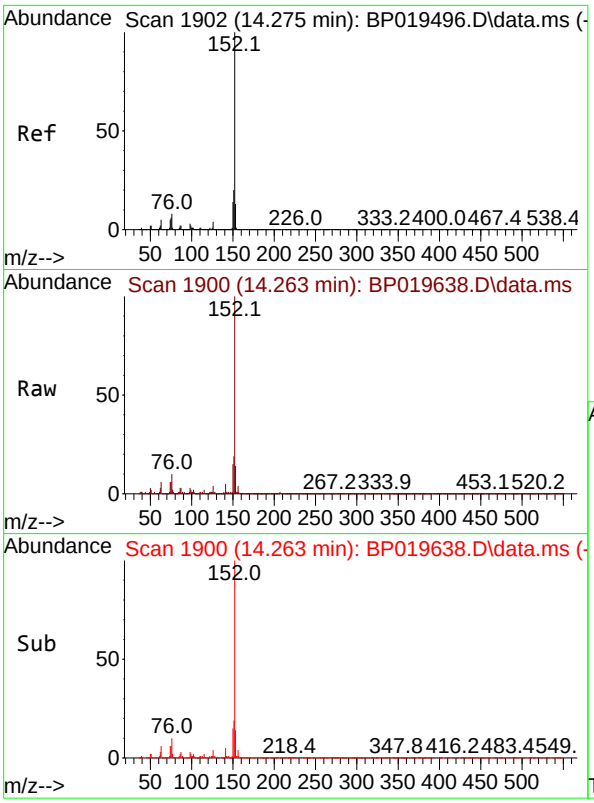


#45
2-Fluorobiphenyl
Concen: 21.515 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Tgt Ion:172 Resp: 349845

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.3	18.9	28.3



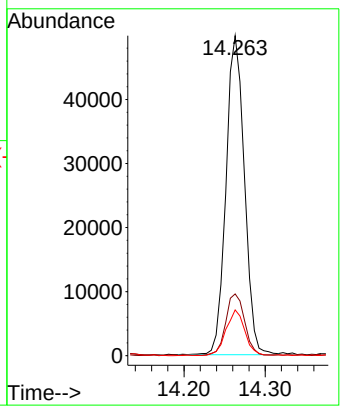


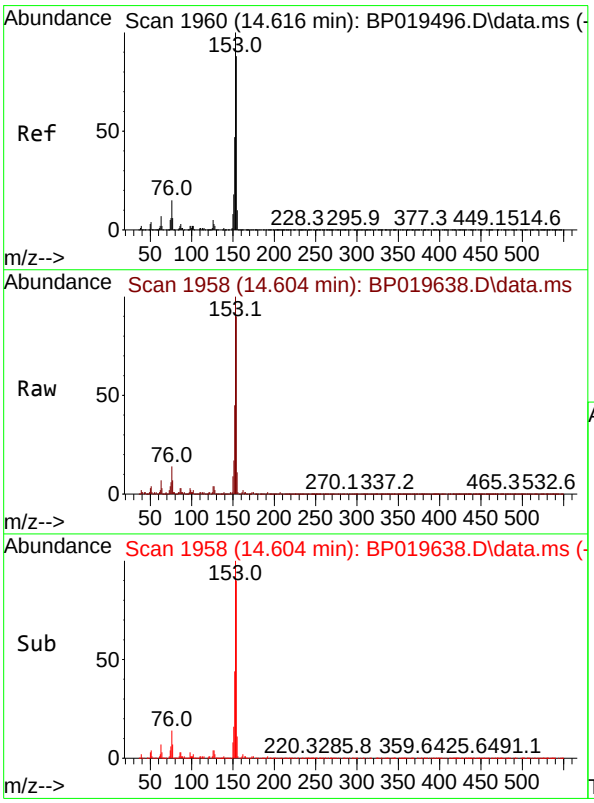
#49
Acenaphthylene
Concen: 4.250 ng
RT: 14.263 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch5DL

Tgt Ion:152 Resp: 78530

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.6
153	14.3	10.6	15.8

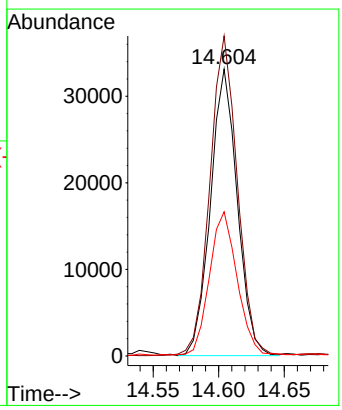


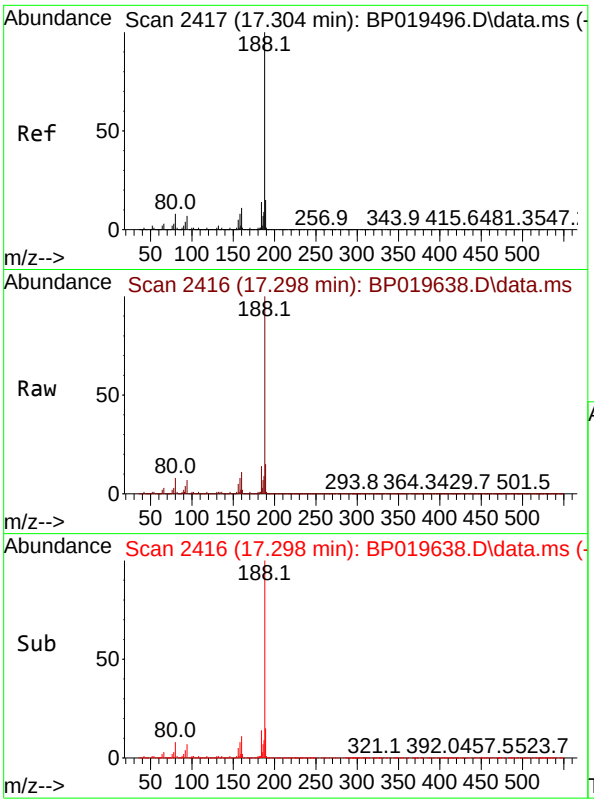


#52
Acenaphthene
Concen: 4.108 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Tgt Ion:154 Resp: 47108

Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.5	135.7
152	50.3	42.1	63.1



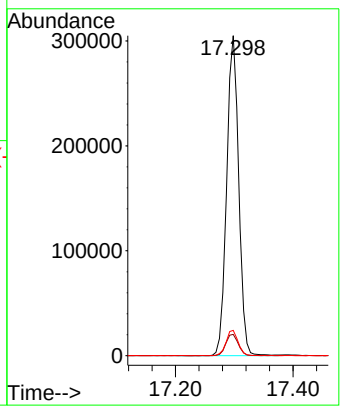


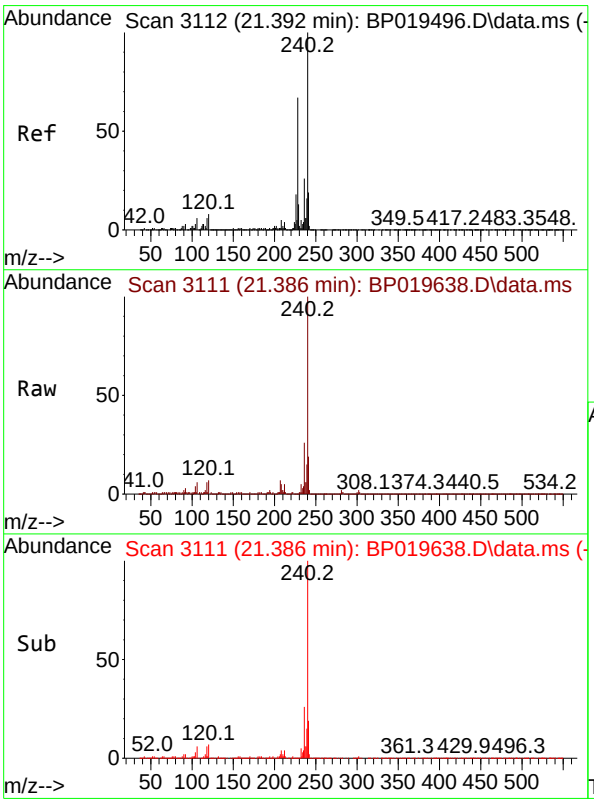
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch5DL

Tgt Ion:188 Resp: 432862

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.4	8.2
80	7.9	6.3	9.5

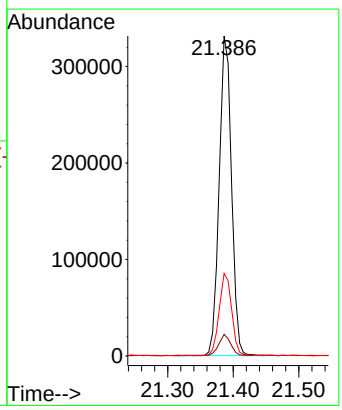


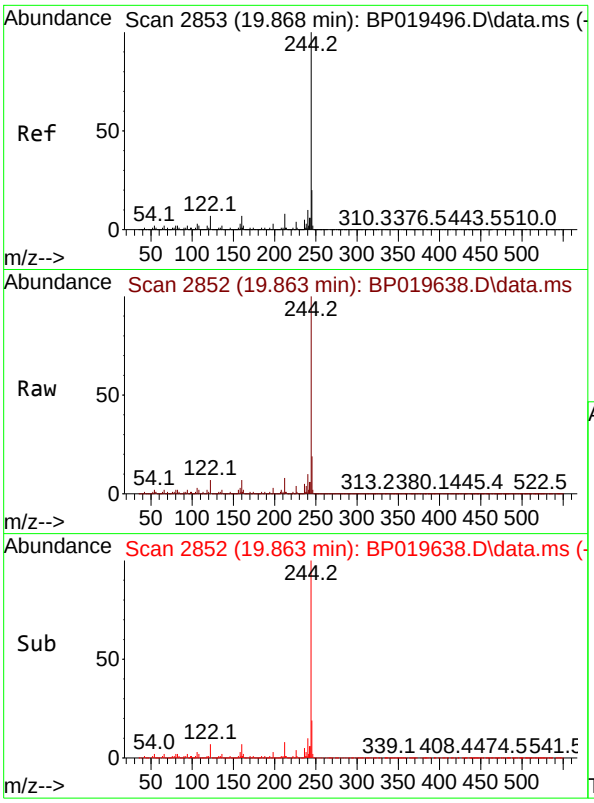


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Tgt Ion:240 Resp: 430274

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.1	9.1
236	25.8	20.7	31.1



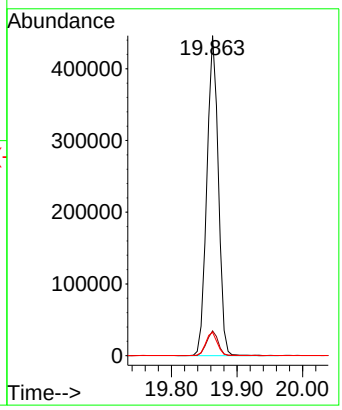


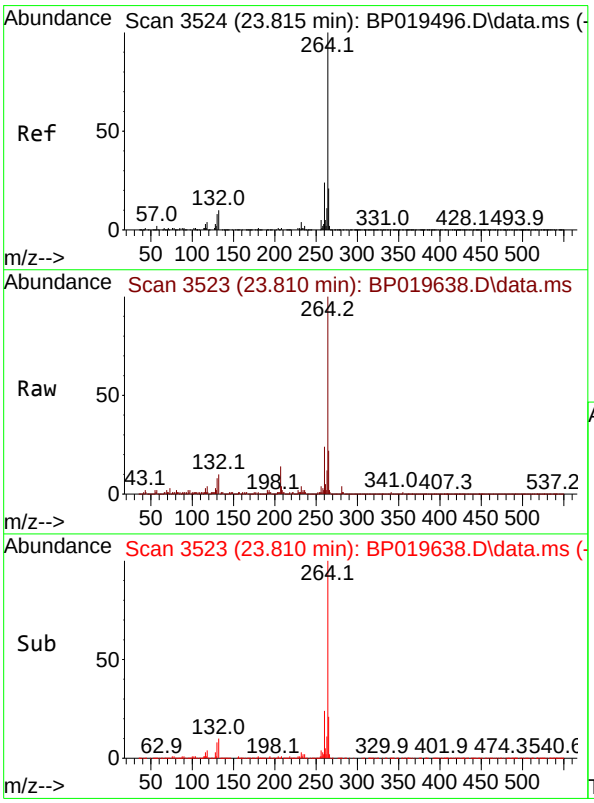
#79
Terphenyl-d14
Concen: 20.727 ng
RT: 19.863 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Instrument :
BNA_P
ClientSampleId :
CG-MW-17-ch5DL

Tgt Ion:244 Resp: 542296

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	7.3	5.9	8.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.810 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP019638.D
Acq: 09 Feb 2024 18:26

Tgt Ion:264 Resp: 522931

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.0	25.4