Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024631.D
Acq On : 27 Jan 2020 17:04
Operator : CG/JU
Sample : L1264-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-GW-01-12

Quant Time: Jan 28 05:58:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	229208	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	826083	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	600035	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1480665	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1266022	20.00	ng	0.00
87) Perylene-d12	23.16	264	1327912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	800325	66.40	ng	0.00
7) Phenol-d6	6.63	99	587967	35.41	ng	-0.01
23) Nitrobenzene-d5	8.58	82	1498023	88.93	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1567337	160.58	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	4204633	95.26	ng	0.00
79) Terphenyl-d14	19.50	244	7900233	116.50	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.66	94	34222	2.068	ng	94
50) Dimethylphthalate	13.56	163	202064	4.165	ng	99

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

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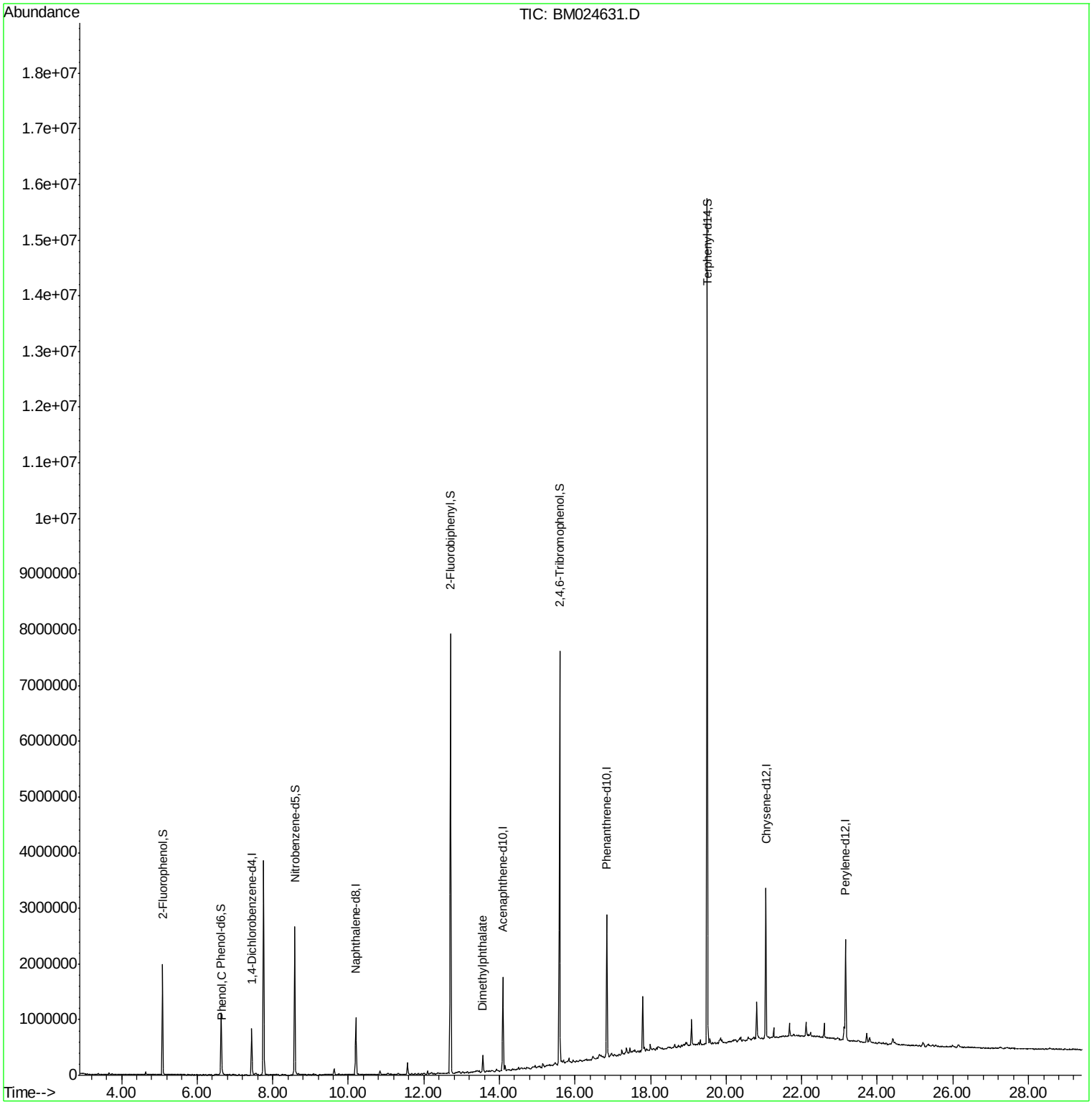
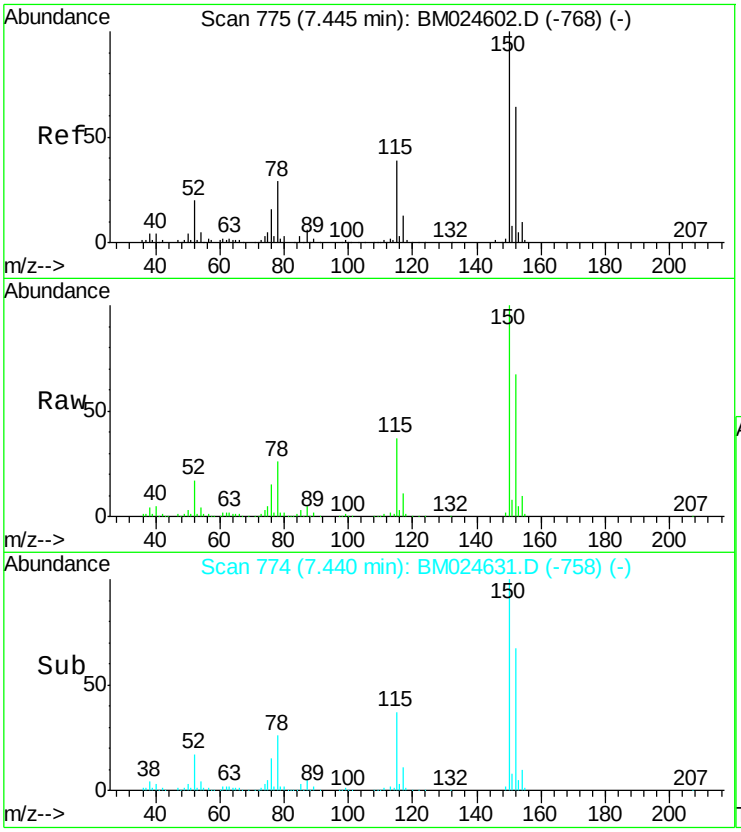


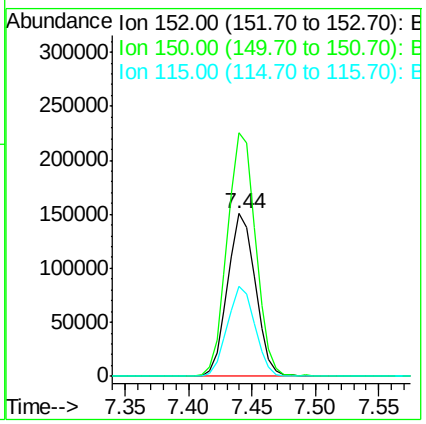


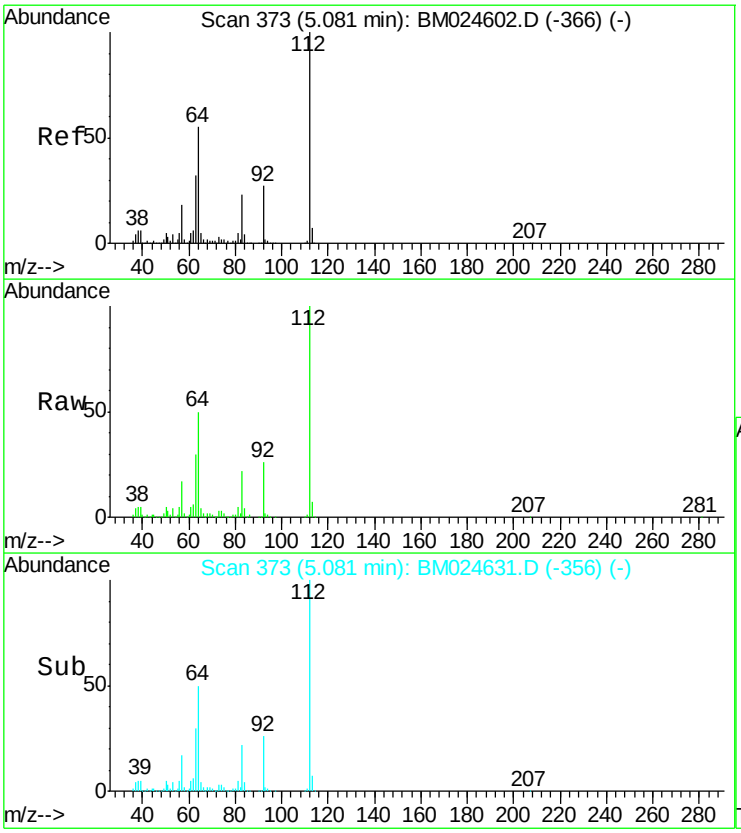
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Instrument :
BNA_M
ClientSampleId :
CTY-GW-01-12

Tgt Ion:152 Resp: 229208

Ion	Ratio	Lower	Upper
152	100		
150	149.4	124.2	186.4
115	55.2	48.6	72.8

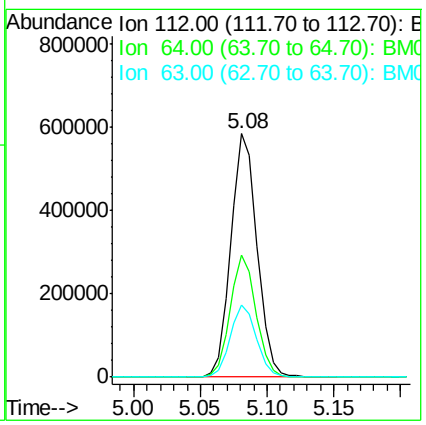


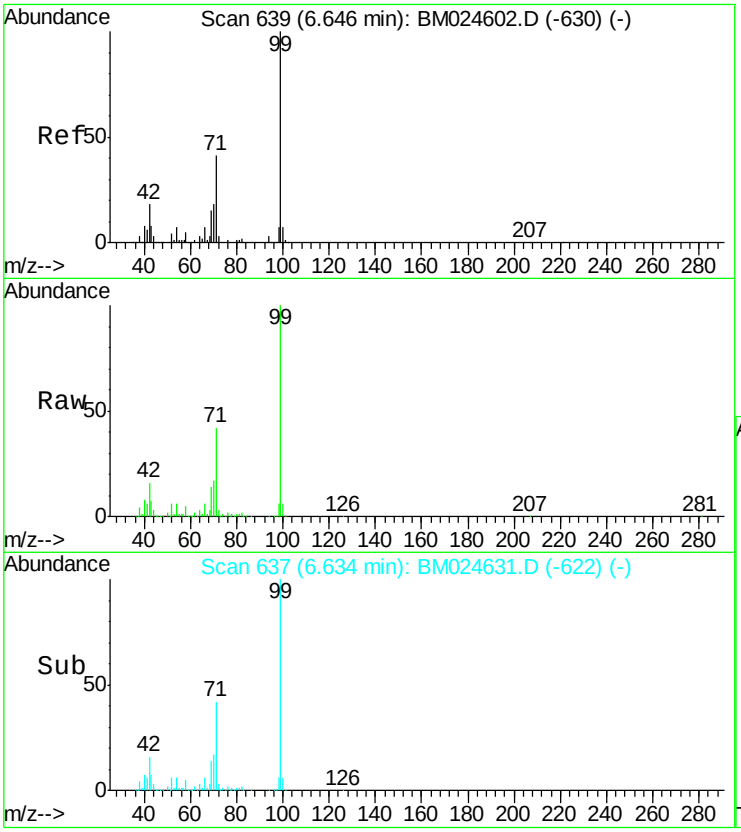


#5
2-Fluorophenol
Concen: 66.404 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Tgt Ion:112 Resp: 800325

Ion	Ratio	Lower	Upper
112	100		
64	50.3	44.2	66.4
63	29.6	25.9	38.9



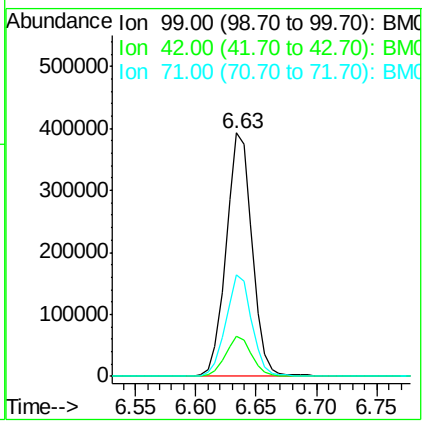


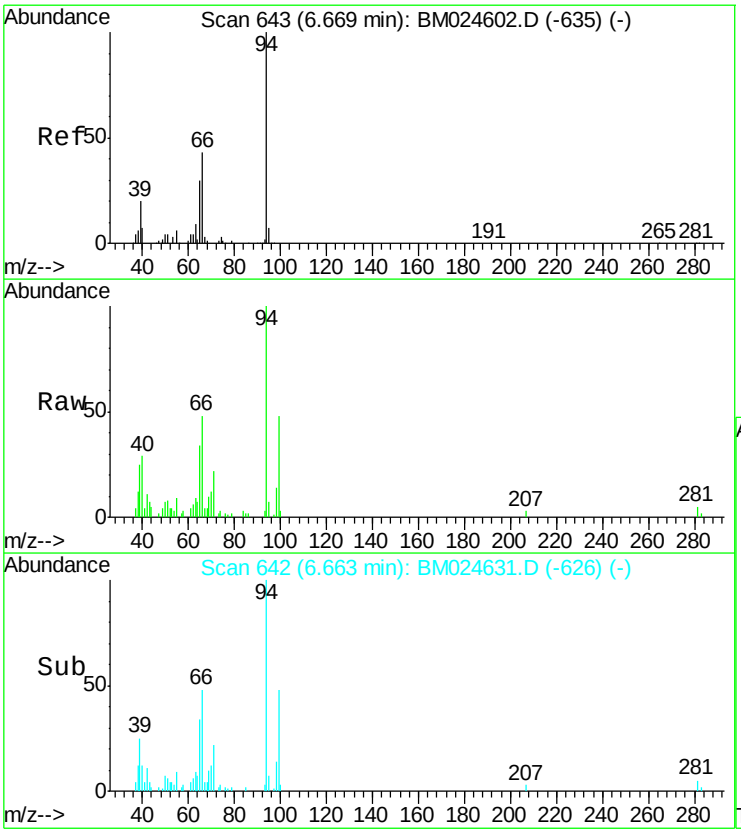
#7
Phenol-d6
Concen: 35.413 ng
RT: 6.63 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Instrument :
BNA_M
ClientSampleId :
CTY-GW-01-12

Tgt Ion: 99 Resp: 587967

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	41.8	33.0	49.6

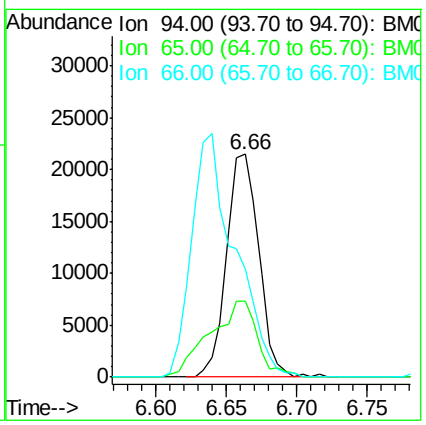


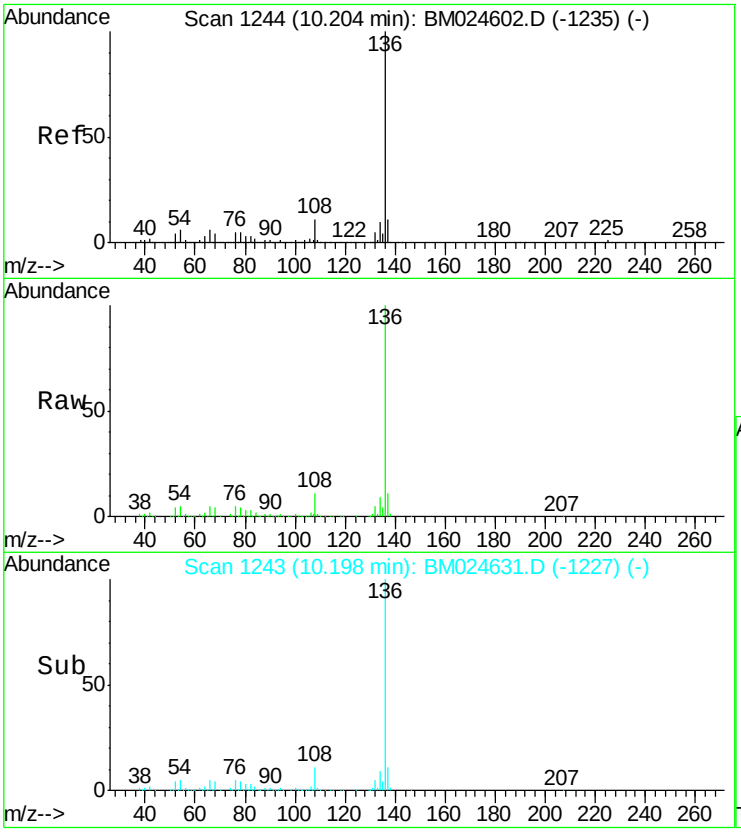


#10
Phenol
Concen: 2.068 ng
RT: 6.66 min Scan# 642
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Tgt Ion: 94 Resp: 34222

Ion	Ratio	Lower	Upper
94	100		
65	33.9	10.3	50.3
66	48.4	24.8	64.8



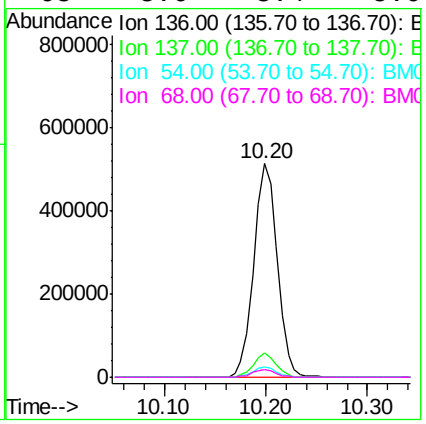


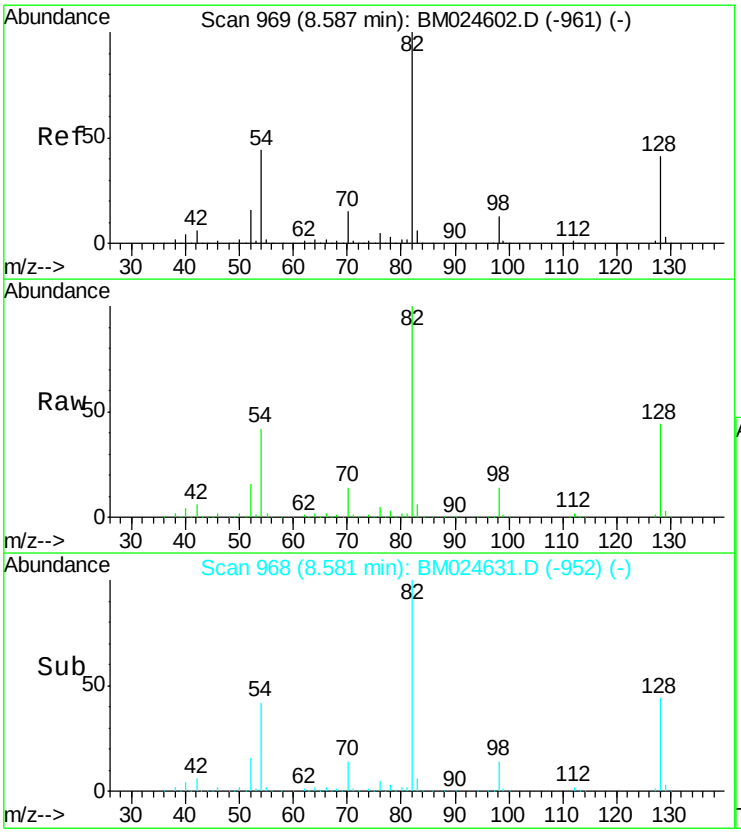
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Instrument :
BNA_M
ClientSampleId :
CTY-GW-01-12

Tgt Ion:136 Resp: 826083

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	4.7	4.5	6.7
68	3.6	3.4	5.0

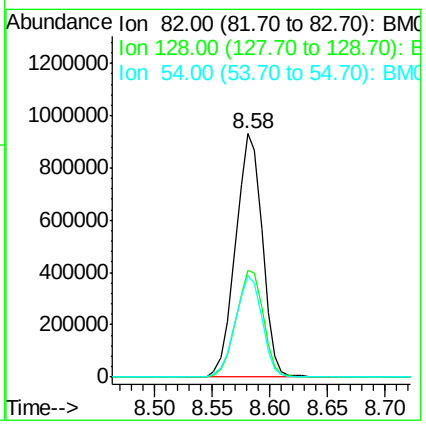


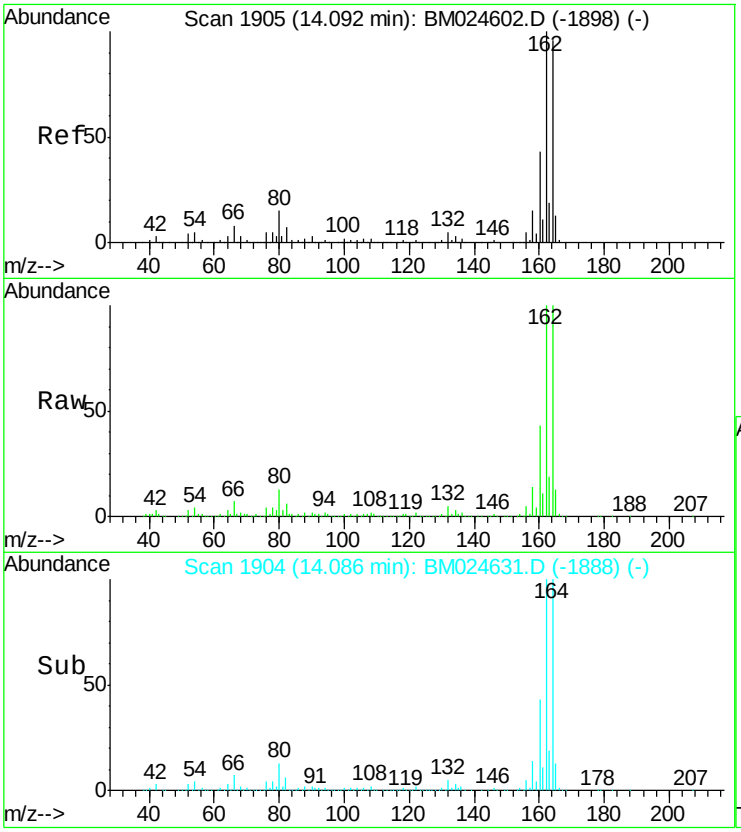


#23
Nitrobenzene-d5
Concen: 88.932 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Tgt Ion: 82 Resp: 1498023

Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.6	48.8
54	41.6	34.8	52.2



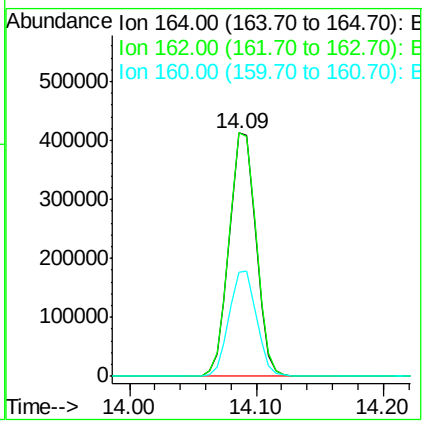


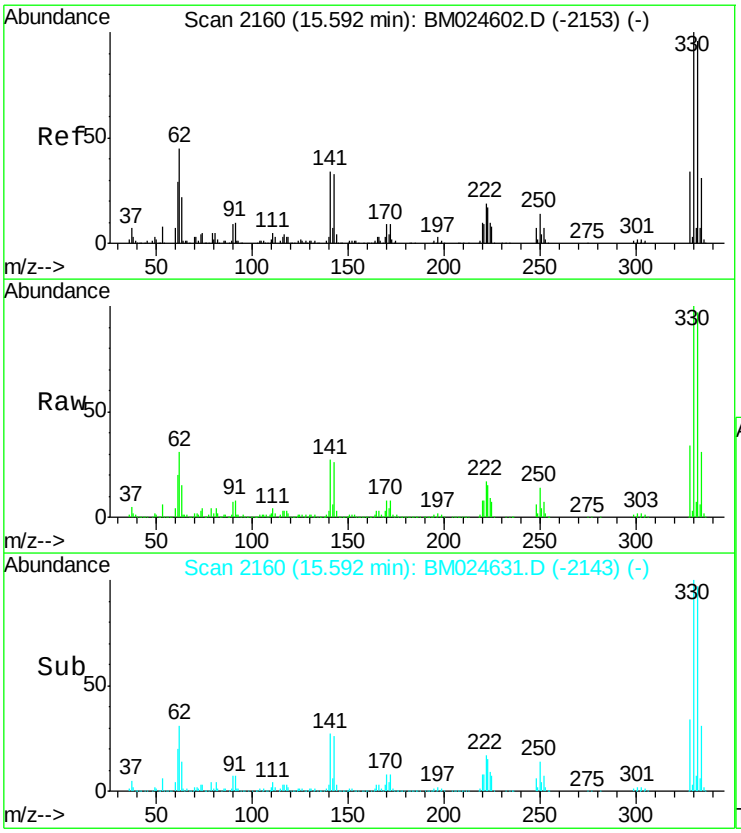
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Instrument :
BNA_M
ClientSampleId :
CTY-GW-01-12

Tgt Ion:164 Resp: 600035

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.9	124.3
160	42.7	35.5	53.3

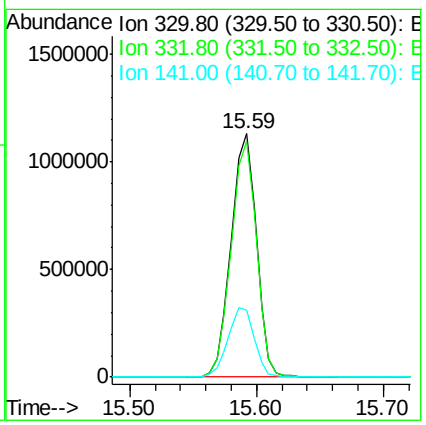


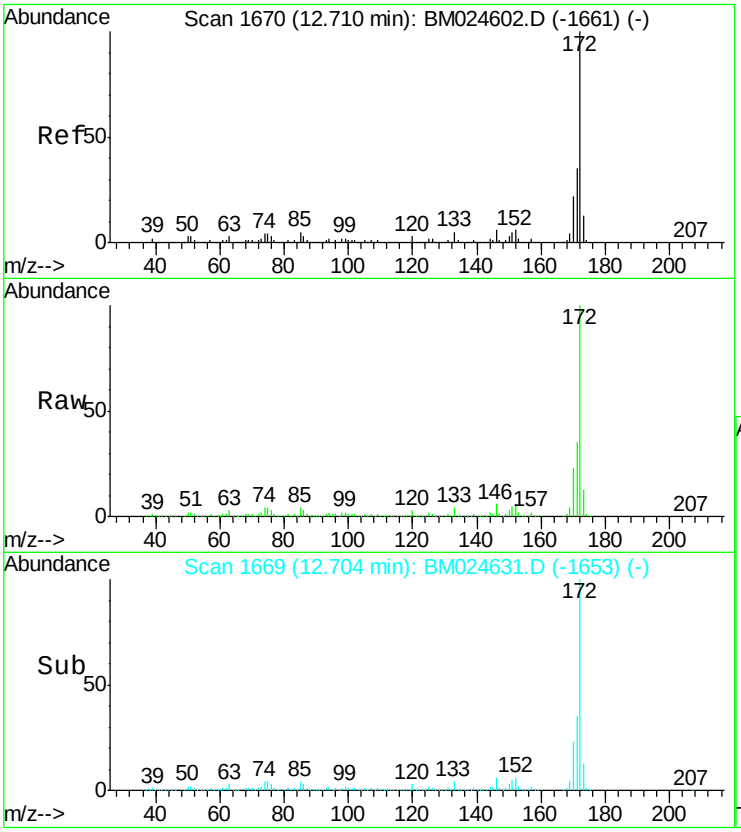


#42
2,4,6-Tribromophenol
Concen: 160.580 ng
RT: 15.59 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Tgt Ion:330 Resp: 1567337

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	29.3	26.9	40.3



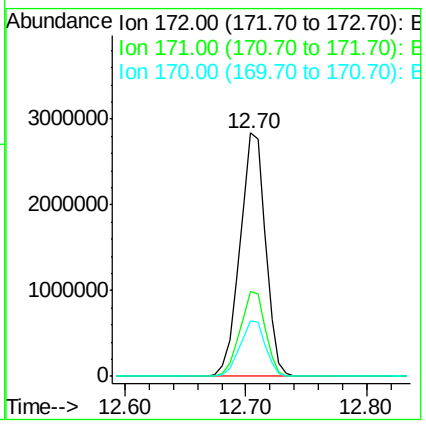


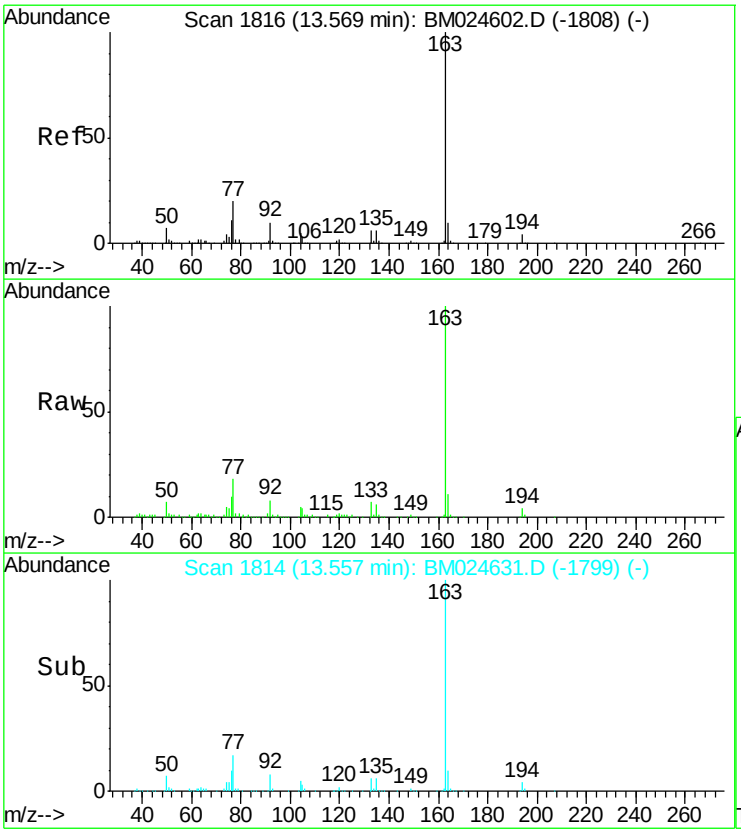
#45
2-Fluorobiphenyl
Concen: 95.265 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Instrument :
BNA_M
ClientSampleId :
CTY-GW-01-12

Tgt Ion:172 Resp: 4204633

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.9	17.9	26.9

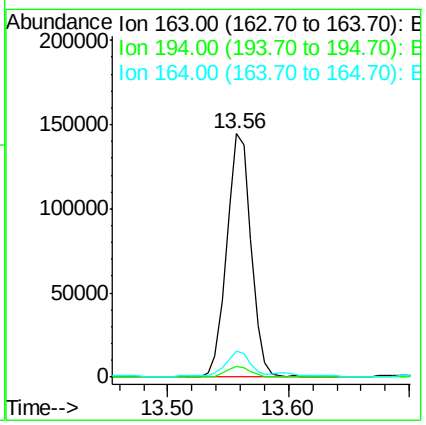


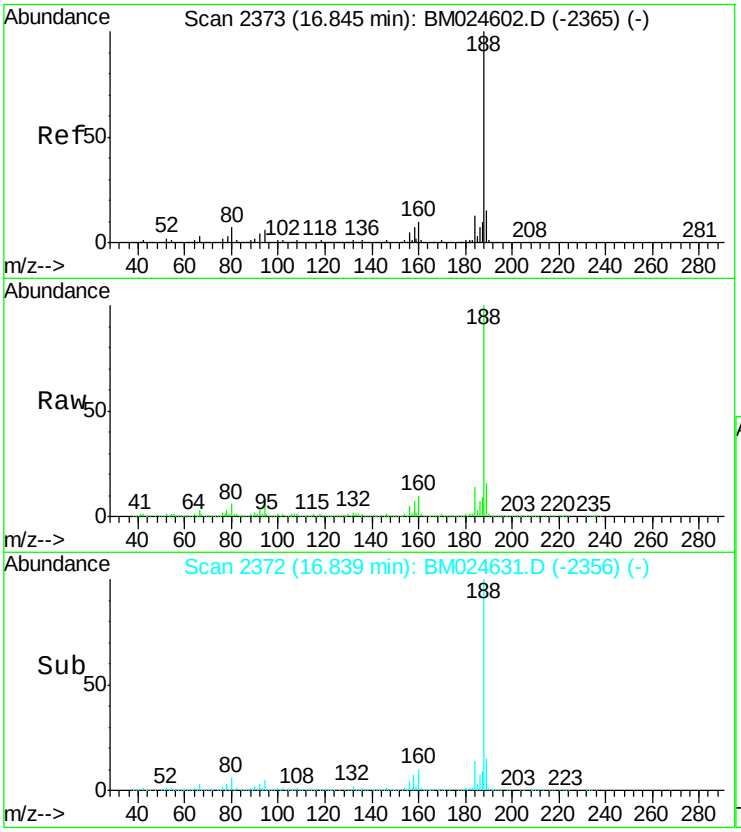


#50
Dimethylphthalate
Concen: 4.165 ng
RT: 13.56 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Tgt Ion:163 Resp: 202064

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.6	8.0	12.0



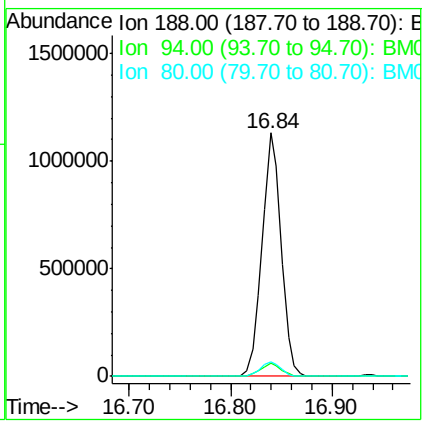


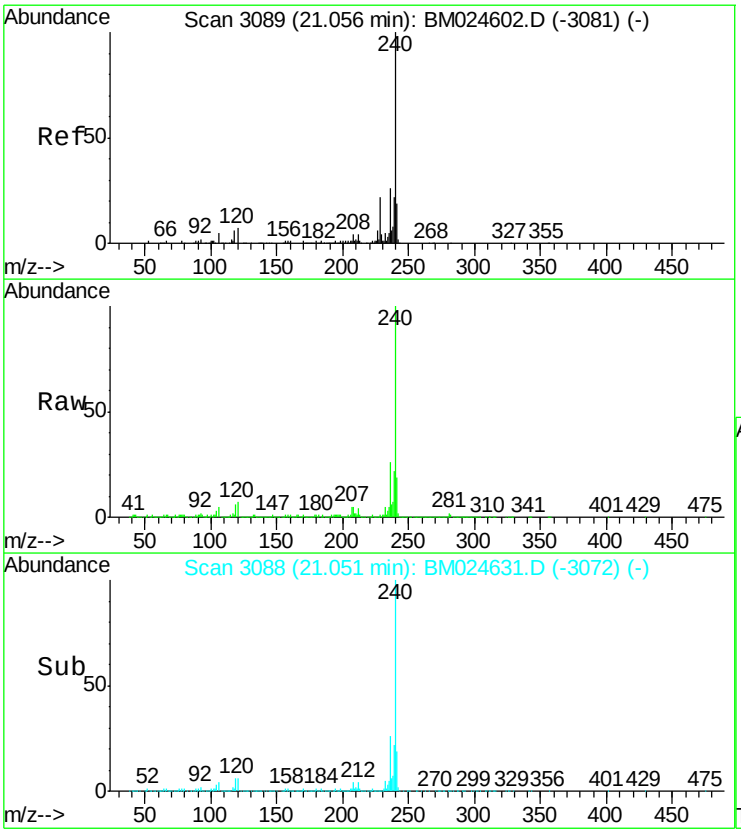
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Instrument :
BNA_M
ClientSampleId :
CTY-GW-01-12

Tgt Ion:188 Resp: 1480665

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.0	7.6
80	6.1	5.8	8.8

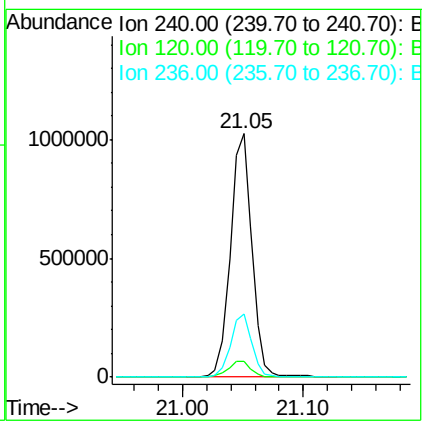


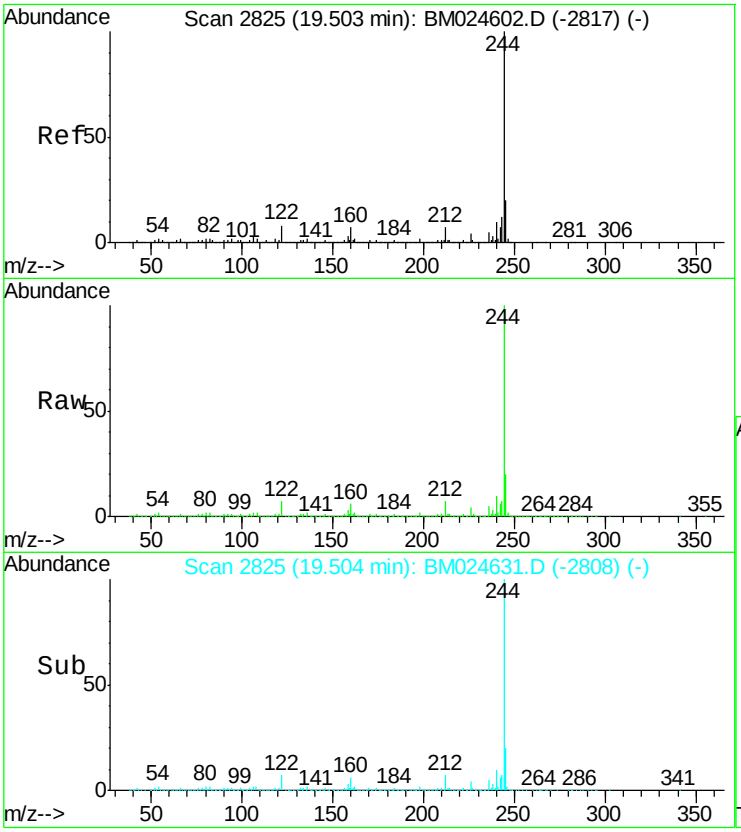


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Tgt Ion:240 Resp: 1266022

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	26.2	20.6	31.0



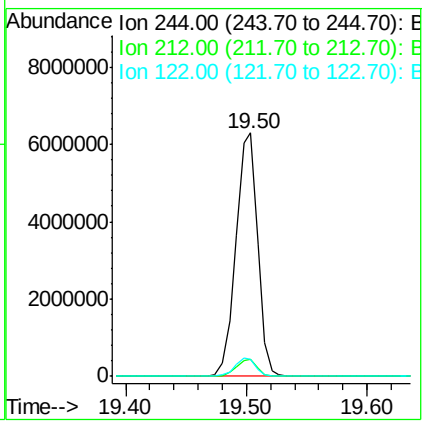


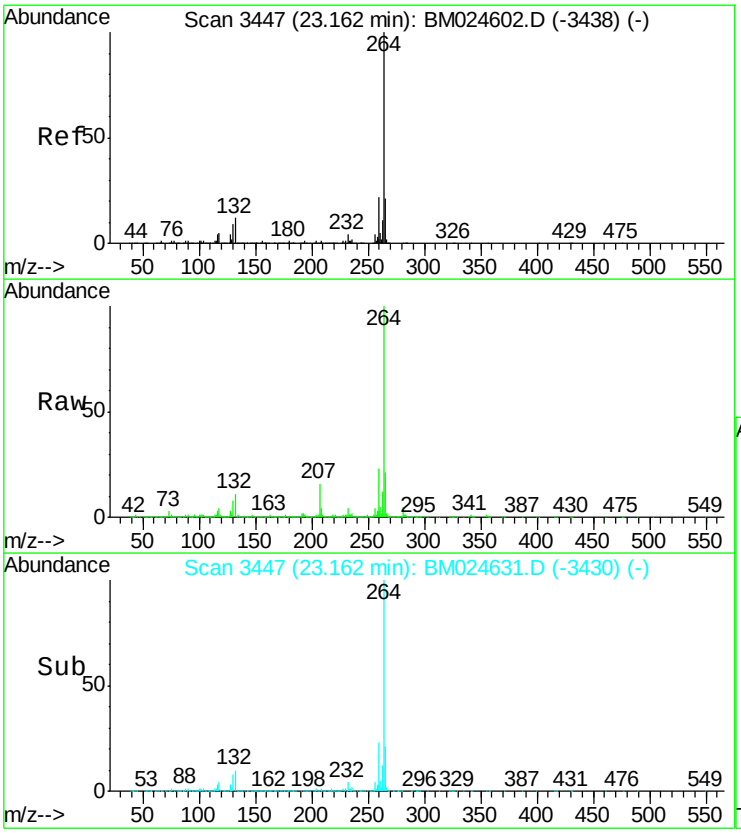
#79
Terphenyl-d14
Concen: 116.498 ng
RT: 19.50 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Instrument :
BNA_M
ClientSampleId :
CTY-GW-01-12

Tgt Ion:244 Resp: 7900233

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	6.8	6.2	9.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Tgt Ion:264 Resp: 1327912

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	21.3	17.3	25.9