Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026727.D
Acq On : 10 Jul 2020 10:55
Operator : JU/CG
Sample : L3160-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MUDDY-DRUM

Quant Time: Jul 10 11:33:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 10:38:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	67321	20.00	ng		0.00
21) Naphthalene-d8	10.07	136	242845	20.00	ng		0.00
39) Acenaphthene-d10	13.98	164	141438	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	305134	20.00	ng		0.00
76) Chrysene-d12	20.96	240	368062	20.00	ng		0.00
86) Perylene-d12	23.03	264	404674	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	488506	121.62	ng		0.00
7) Phenol-d6	6.53	99	650874	101.71	ng		0.00
23) Nitrobenzene-d5	8.47	82	479985	84.32	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	252438	122.52	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	900909	84.69	ng		0.00
79) Terphenyl-d14	19.40	244	1685024	90.10	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.12	128	284443	21.059	ng		99
50) Dimethylphthalate	13.46	163	119506	9.878	ng	#	98

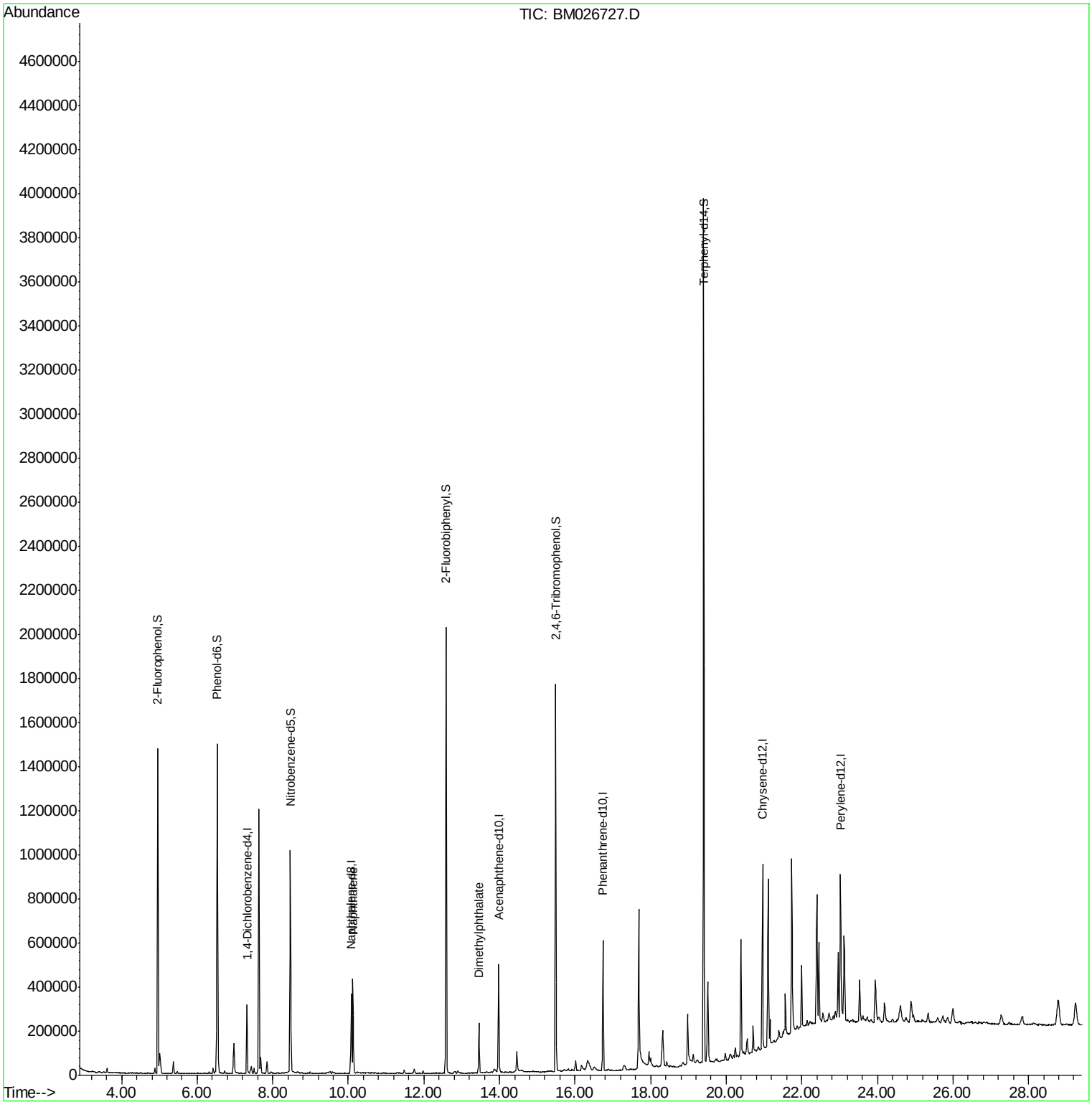
(#) = qualifier out of range (m) = manual integration (+) = signals summed

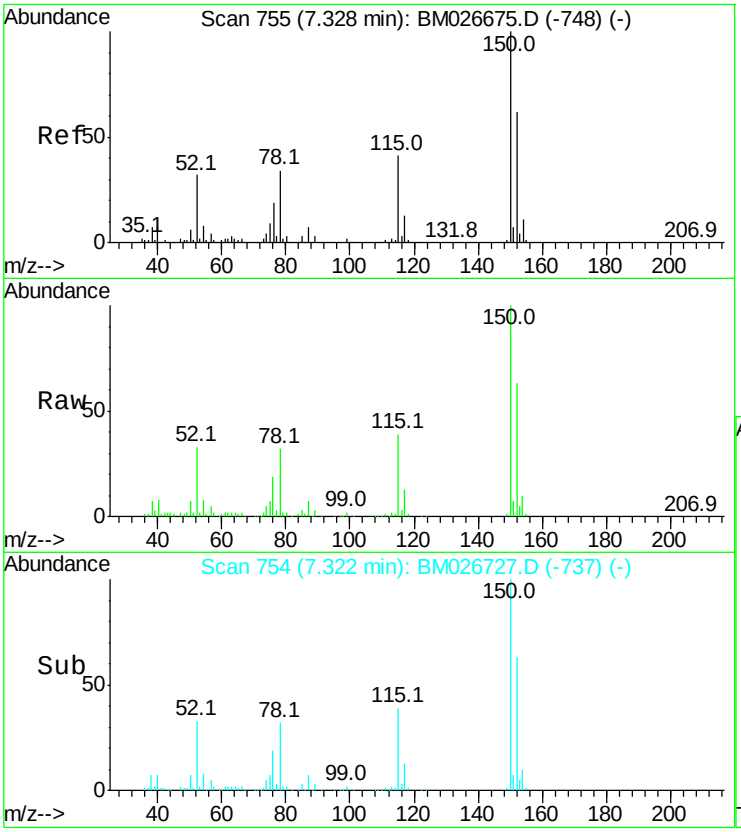
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026727.D
Acq On : 10 Jul 2020 10:55
Operator : JU/CG
Sample : L3160-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUM

Quant Time: Jul 10 11:33:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 10:38:33 2020
Response via : Initial Calibration



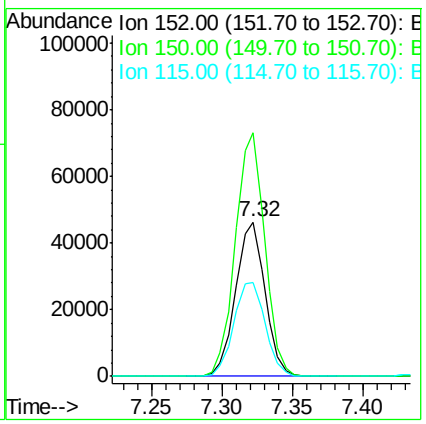


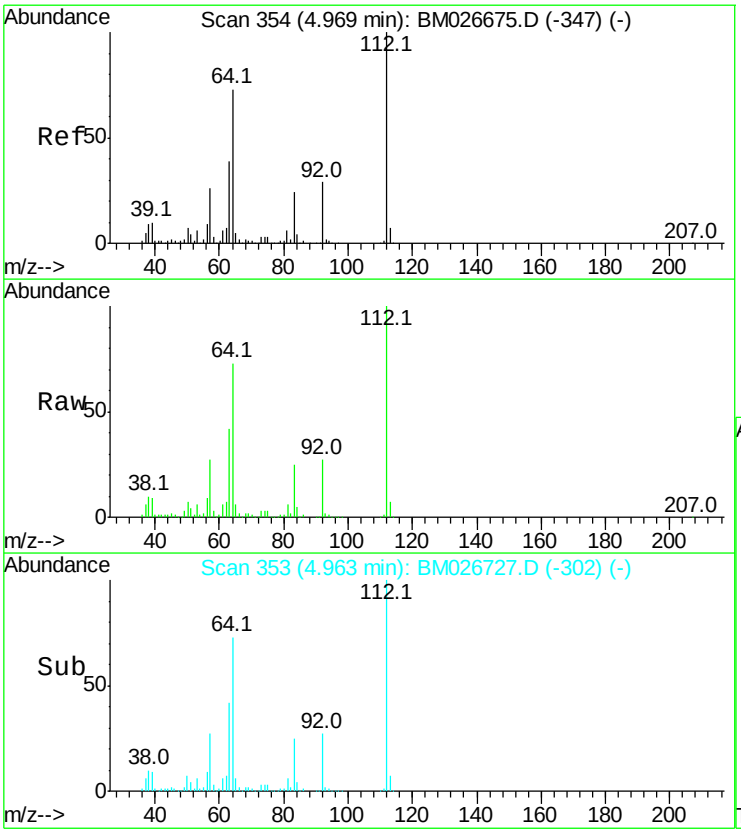
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUM

Tgt Ion:152 Resp: 67321

Ion	Ratio	Lower	Upper
152	100		
150	157.8	128.1	192.1
115	61.0	52.2	78.4

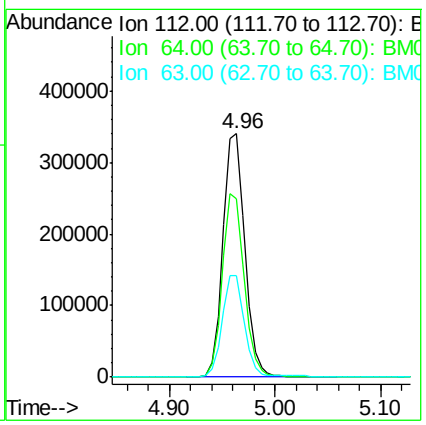


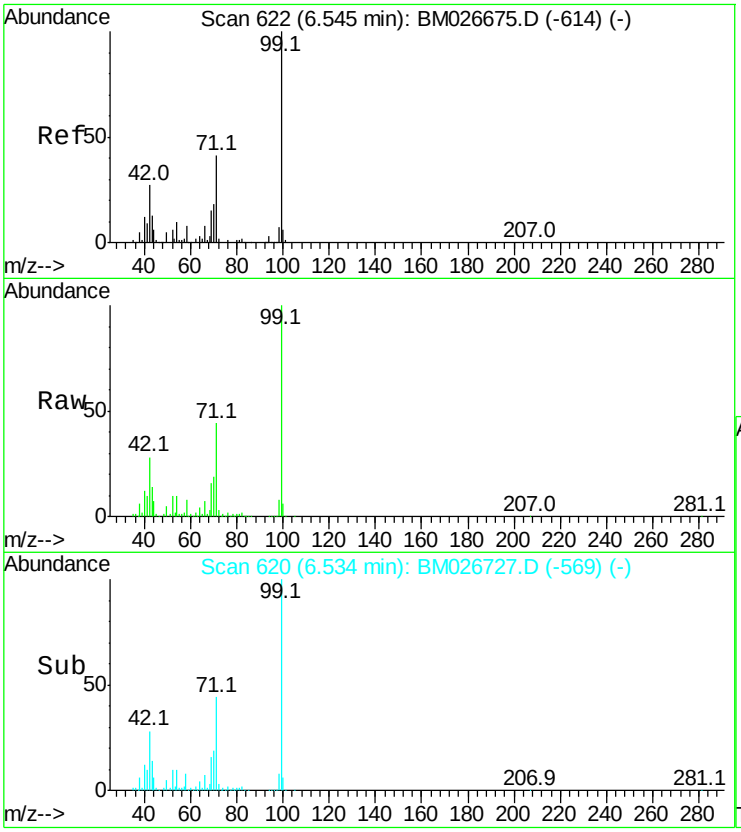


#5
2-Fluorophenol
Concen: 121.623 ng
RT: 4.96 min Scan# 353
Delta R.T. 0.00 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Tgt Ion:112 Resp: 488506

Ion	Ratio	Lower	Upper
112	100		
64	73.4	58.4	87.6
63	41.6	31.5	47.3



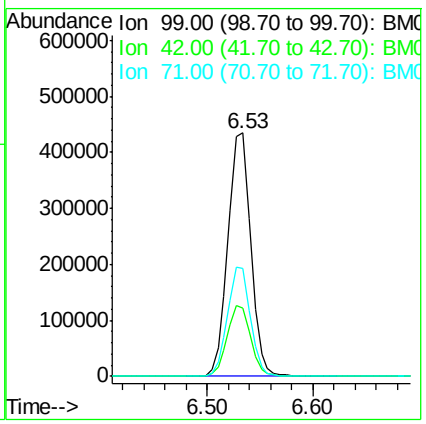


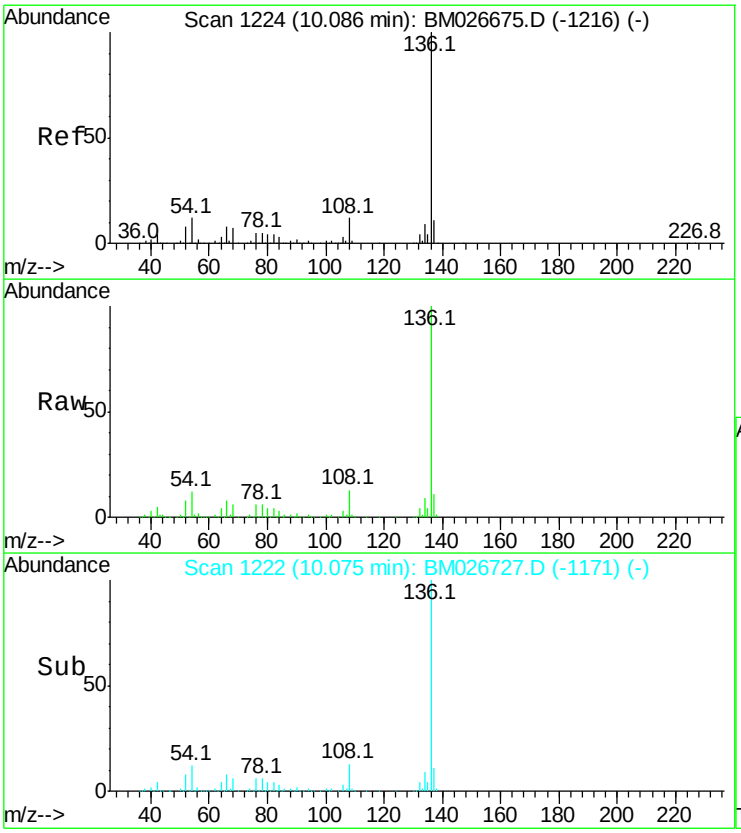
#7
Phenol-d6
Concen: 101.709 ng
RT: 6.53 min Scan# 620
Delta R.T. 0.00 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUM

Tgt Ion: 99 Resp: 650874

Ion	Ratio	Lower	Upper
99	100		
42	28.1	21.7	32.5
71	44.4	33.2	49.8

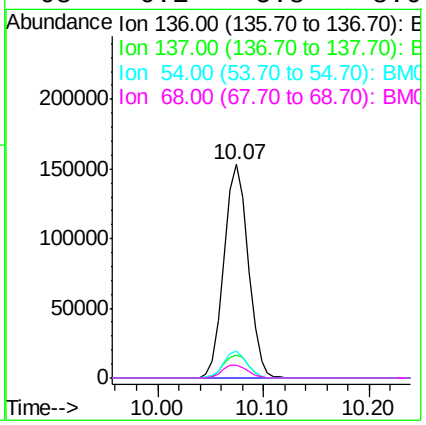


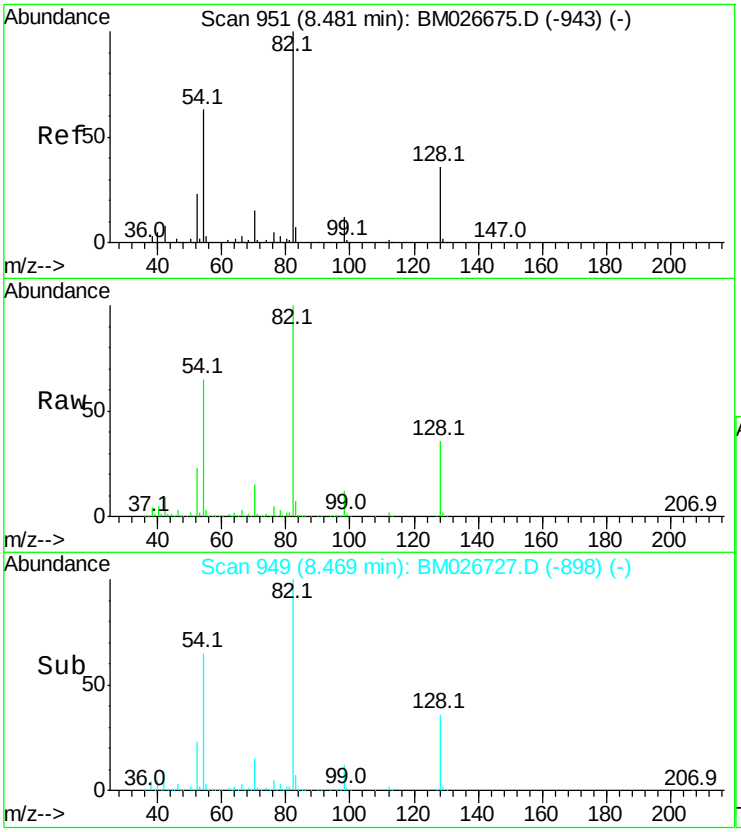


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.07 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Tgt Ion:136 Resp: 242845

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	12.4	9.8	14.6
68	6.1	5.8	8.6



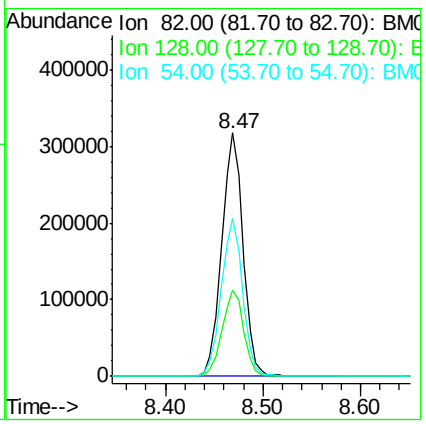


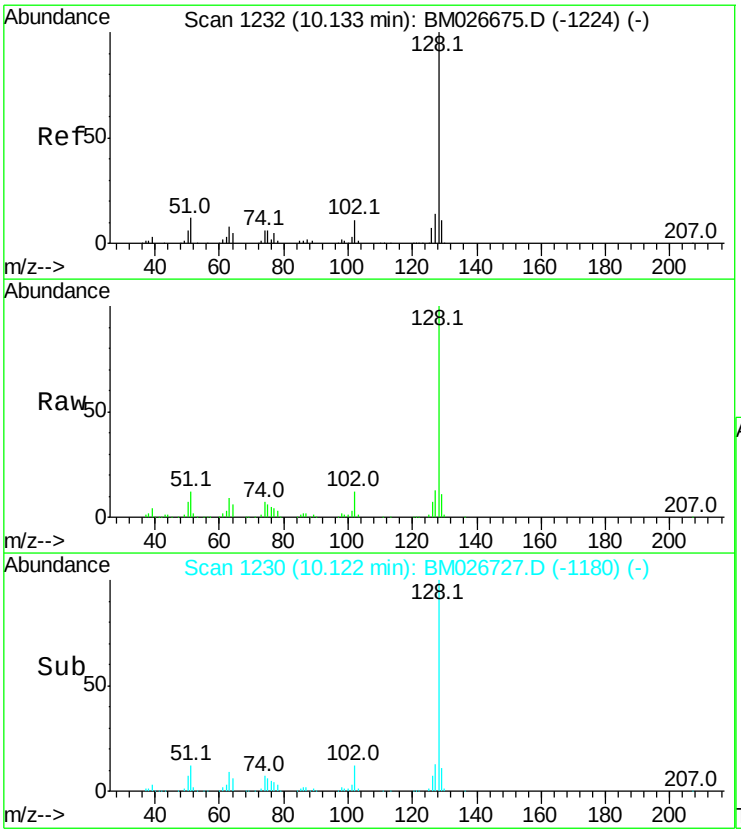
#23
Nitrobenzene-d5
Concen: 84.324 ng
RT: 8.47 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUM

Tgt Ion: 82 Resp: 479985

Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.1	43.7
54	64.9	50.2	75.4

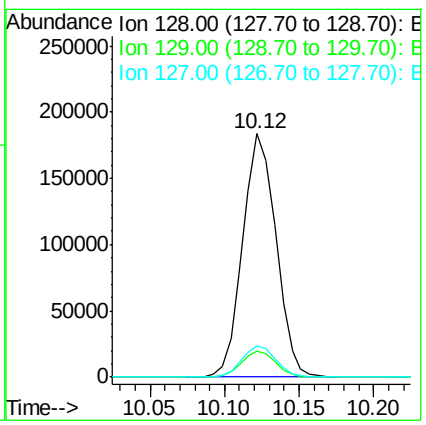


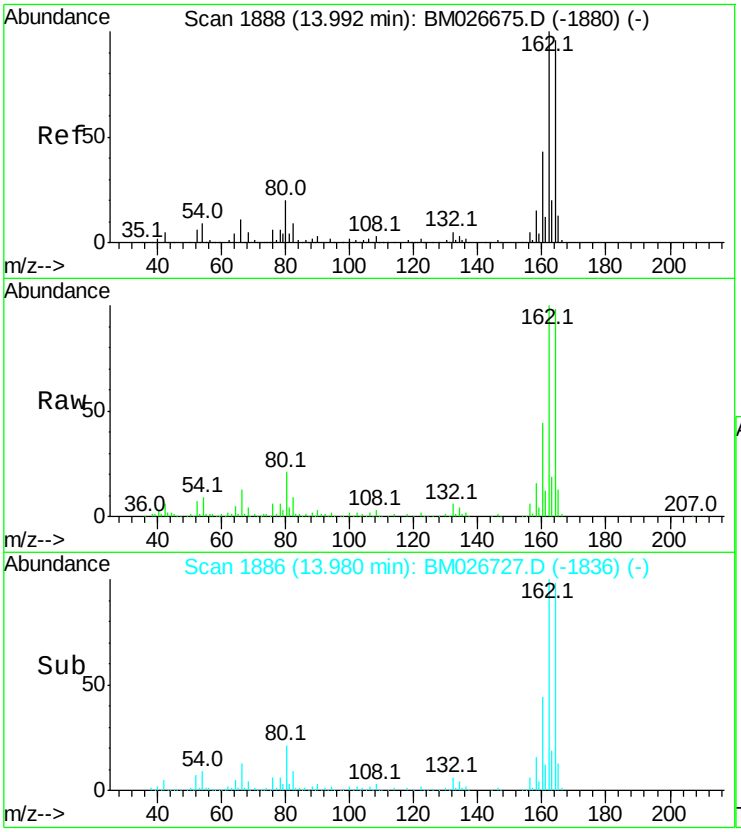


#31
Naphthalene
Concen: 21.059 ng
RT: 10.12 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Tgt Ion:128 Resp: 284443

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.9	10.8	16.2



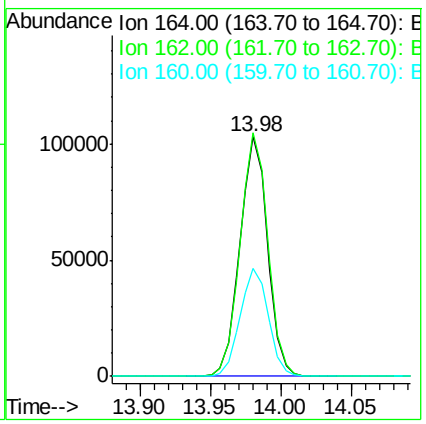


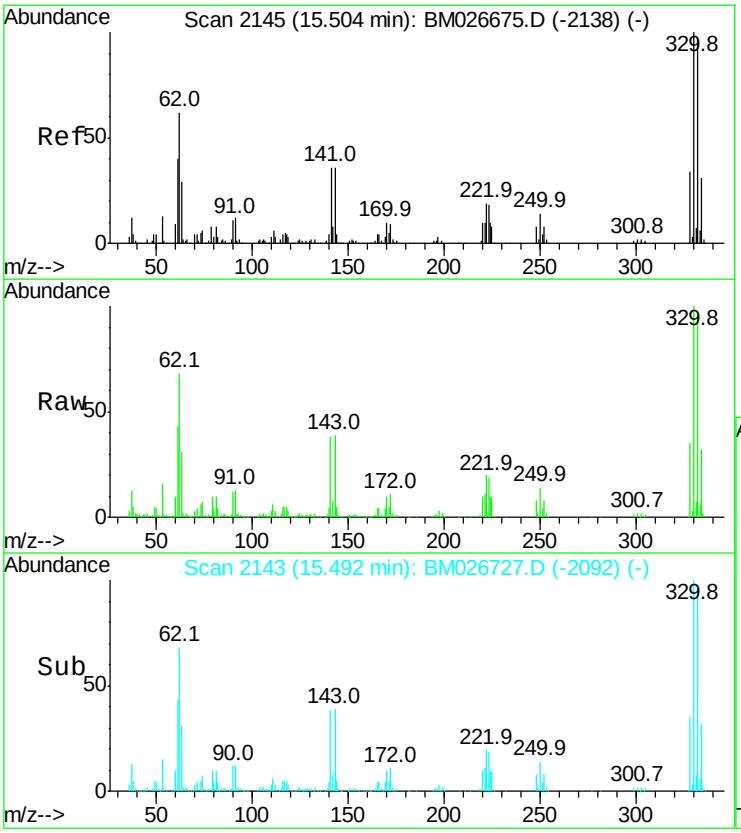
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.98 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUM

Tgt Ion:164 Resp: 141438

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.7	125.5
160	45.1	36.2	54.2

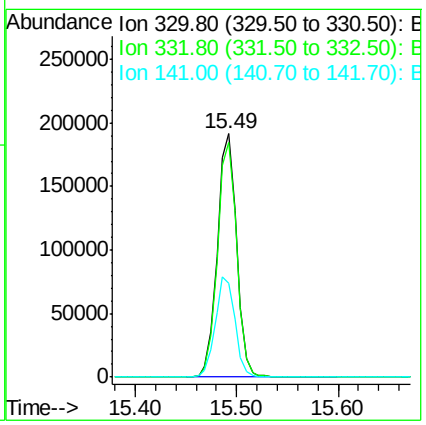


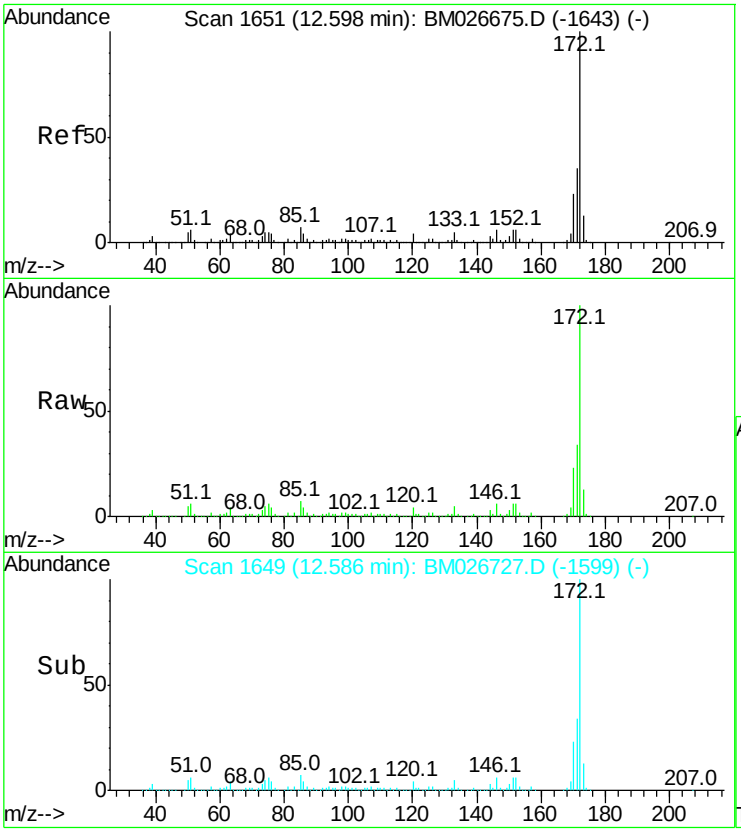


#42
2,4,6-Tribromophenol
Concen: 122.524 ng
RT: 15.49 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Tgt Ion:330 Resp: 252438

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	41.8	32.4	48.6



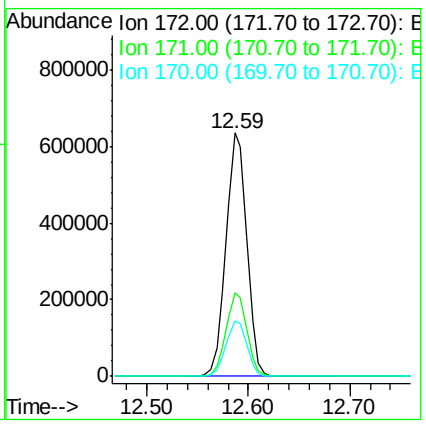


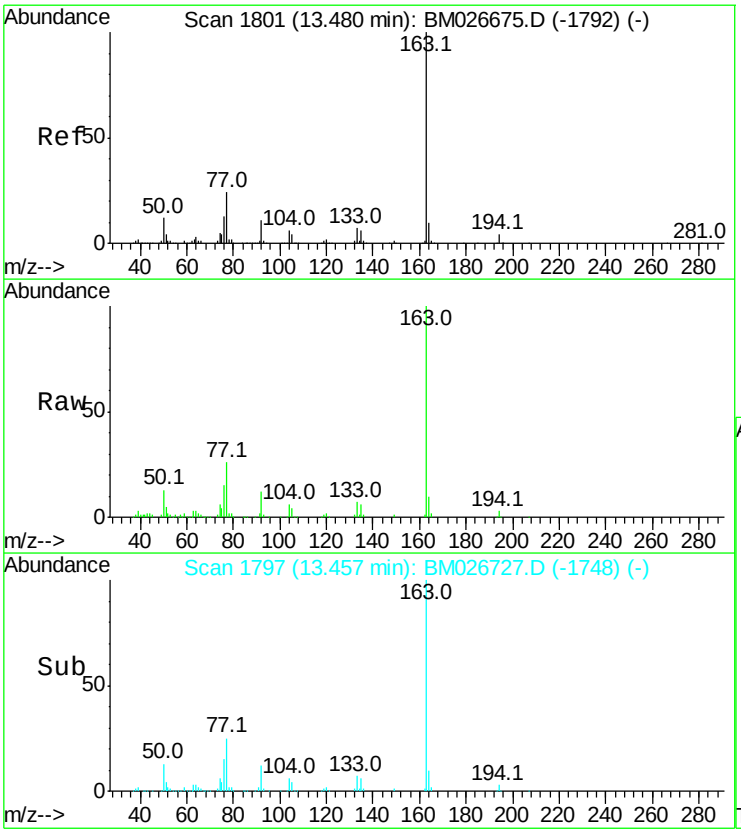
#45
2-Fluorobiphenyl
Concen: 84.693 ng
RT: 12.59 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUM

Tgt Ion:172 Resp: 900909

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	22.6	18.5	27.7

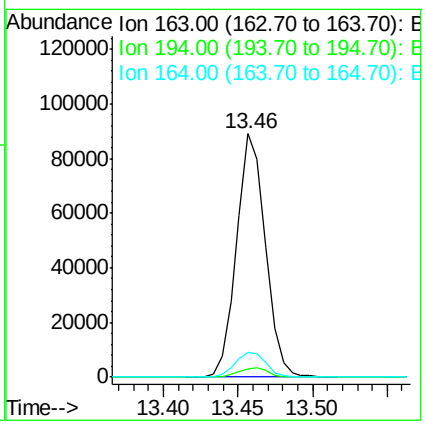


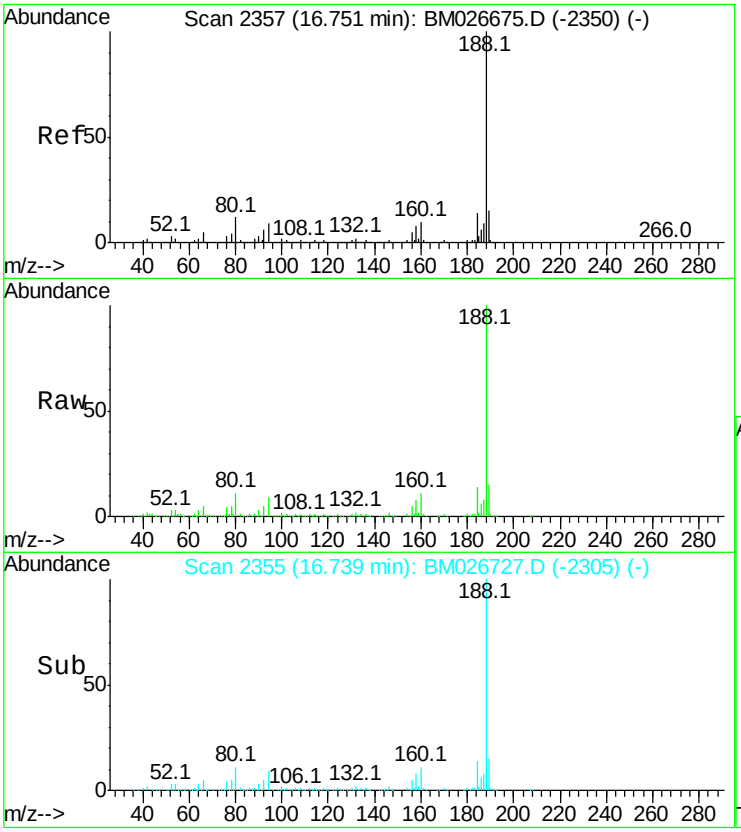


#50
Dimethylphthalate
Concen: 9.878 ng
RT: 13.46 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Tgt Ion:163 Resp: 119506

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.2#
164	10.4	7.8	11.6



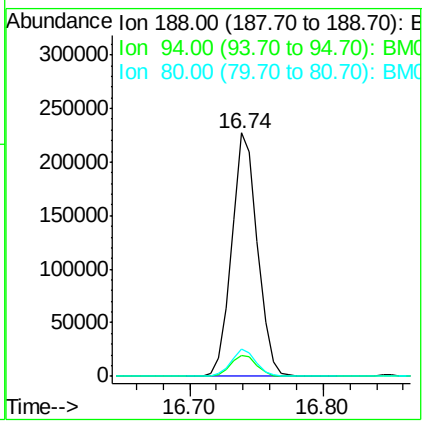


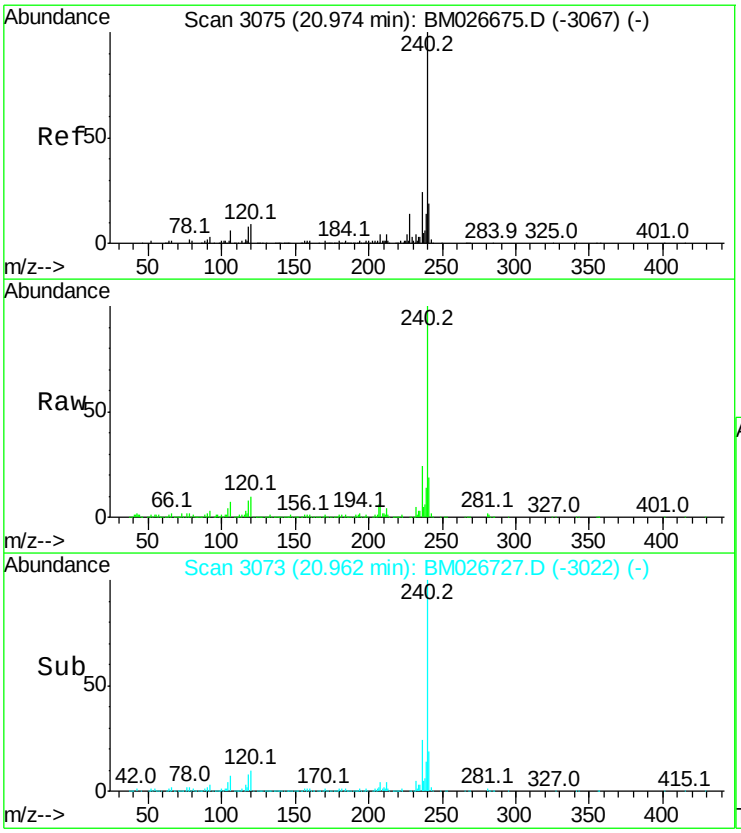
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUM

Tgt Ion:188 Resp: 305134

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.0
80	11.3	9.3	13.9

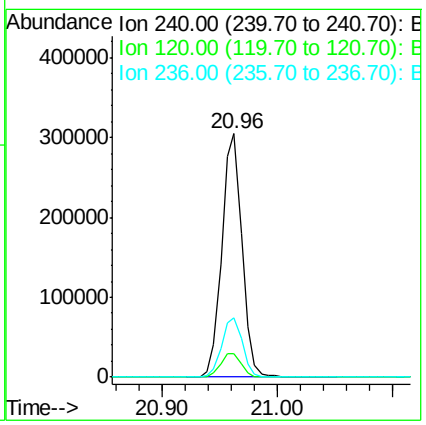


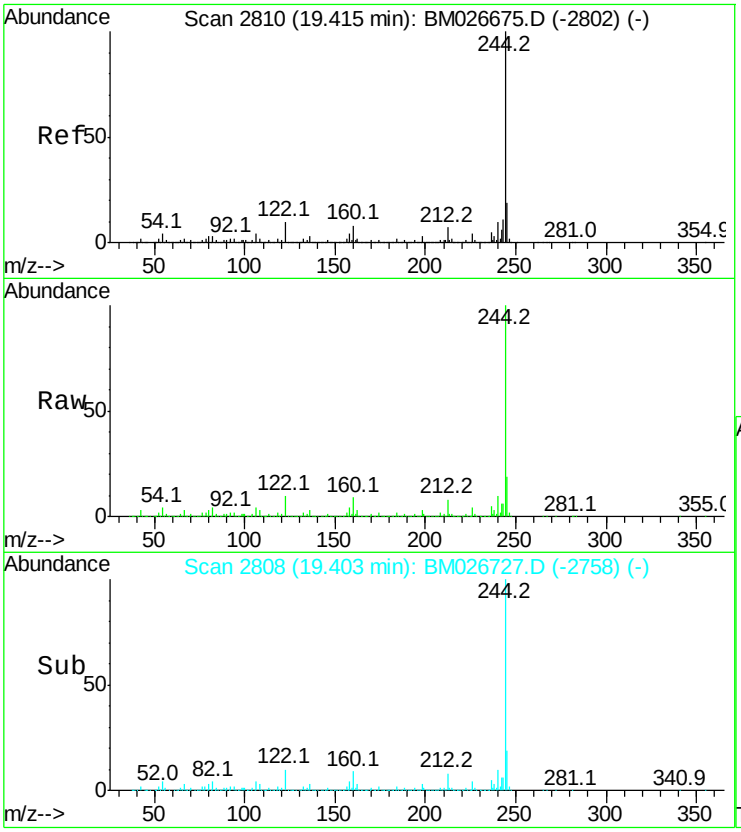


#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3073
Delta R.T. -0.00 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Tgt Ion:240 Resp: 368062

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.3	10.9
236	24.4	19.4	29.2



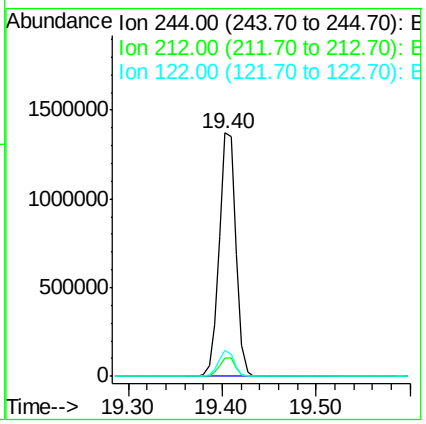


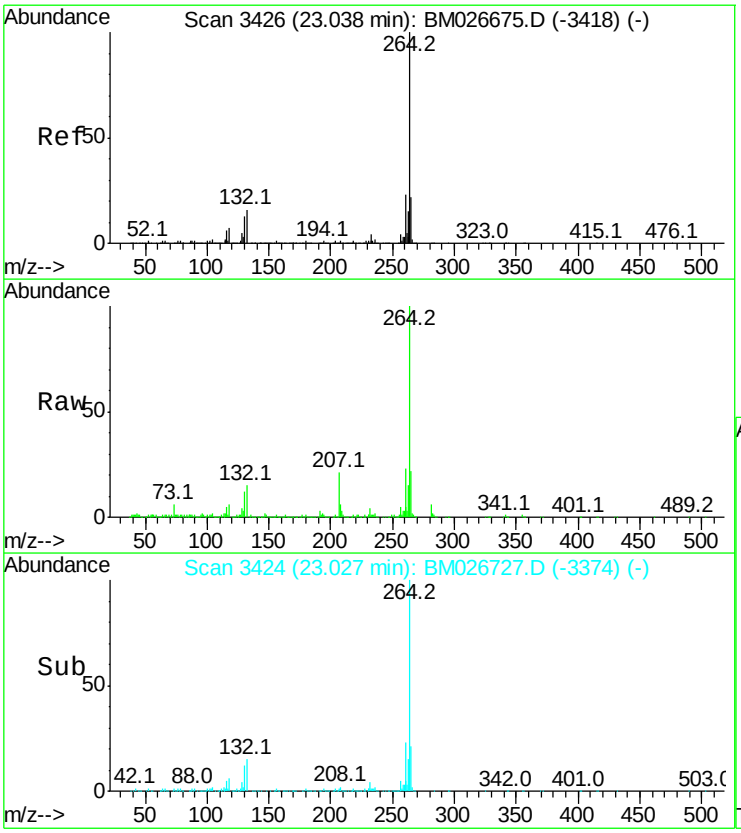
#79
Terphenyl-d14
Concen: 90.098 ng
RT: 19.40 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUM

Tgt Ion:244 Resp: 1685024

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.4	8.2	12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.03 min Scan# 3424
Delta R.T. -0.01 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Tgt Ion:264 Resp: 404674

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.9	17.6	26.4