Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026633.D
Acq On : 01 Jul 2020 12:29
Operator : JU/CG
Sample : L3153-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP2-F

Quant Time: Jul 01 13:37:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 01 13:20:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	88627	20.00	ng	0.00
21) Naphthalene-d8	10.11	136	341015	20.00	ng	0.00
39) Acenaphthene-d10	14.02	164	193901	20.00	ng	0.00
64) Phenanthrene-d10	16.77	188	386529	20.00	ng	0.00
76) Chrysene-d12	20.99	240	413041	20.00	ng	0.00
86) Perylene-d12	23.07	264	437221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	415883	82.97	ng	0.00
7) Phenol-d6	6.56	99	605000	83.35	ng	0.00
23) Nitrobenzene-d5	8.50	82	448304	64.55	ng	0.00
42) 2,4,6-Tribromophenol	15.52	330	207241	88.23	ng	0.00
45) 2-Fluorobiphenyl	12.62	172	847866	66.38	ng	0.00
79) Terphenyl-d14	19.43	244	1277956	60.06	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	9607	2.076	ng	92
50) Dimethylphthalate	13.49	163	111890	7.889	ng	99

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

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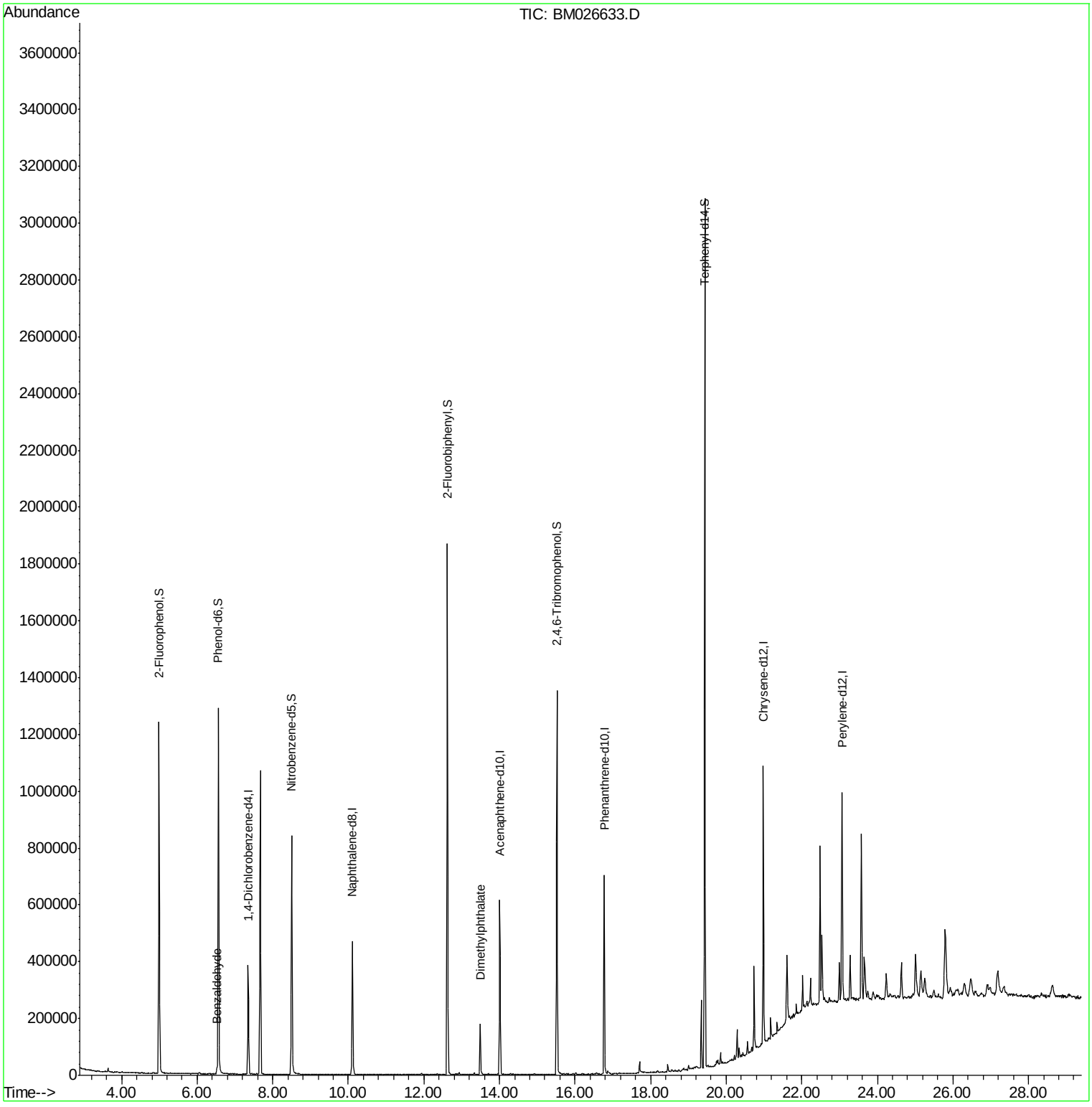
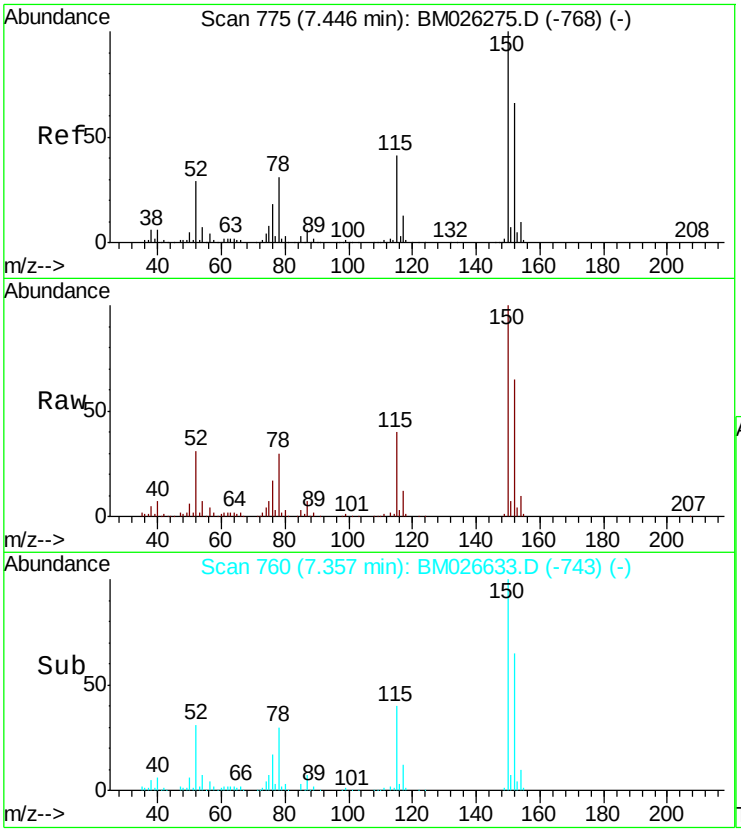


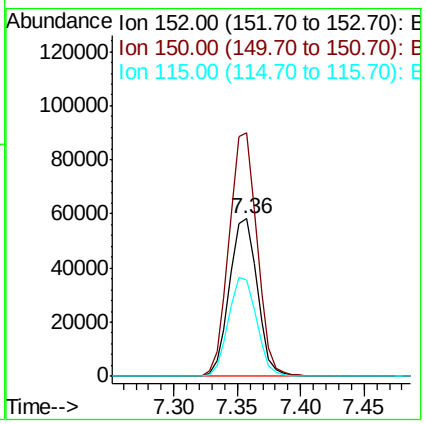


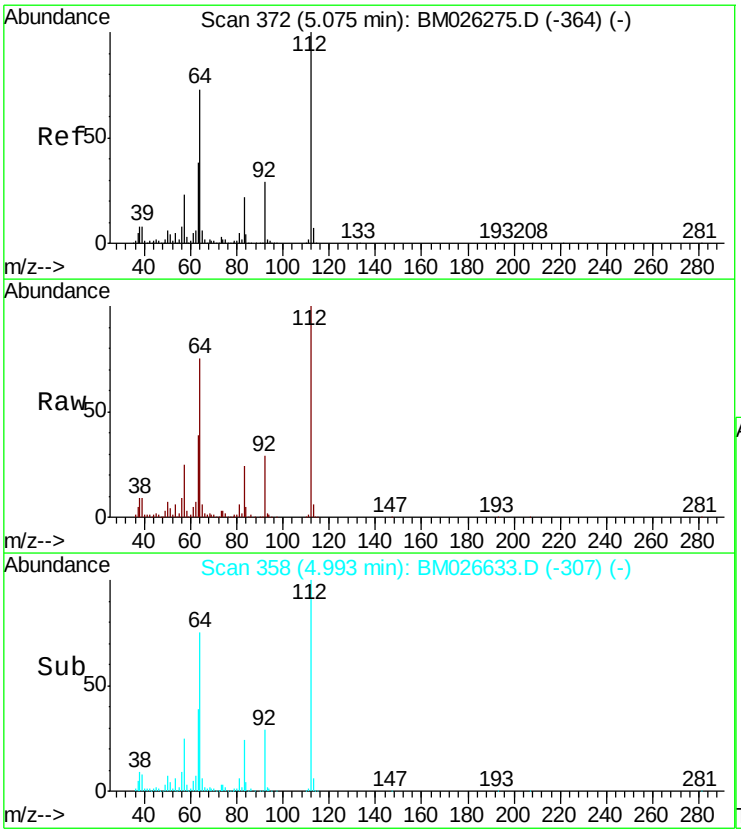
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.36 min Scan# 760
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Instrument :
BNA_M
ClientSampleId :
SP2-F

Tgt Ion:152 Resp: 88627

Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.8	191.6
115	61.5	51.5	77.3

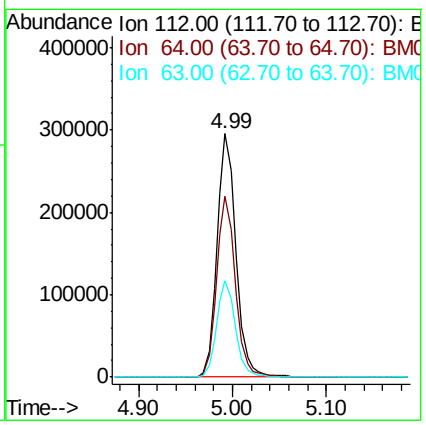


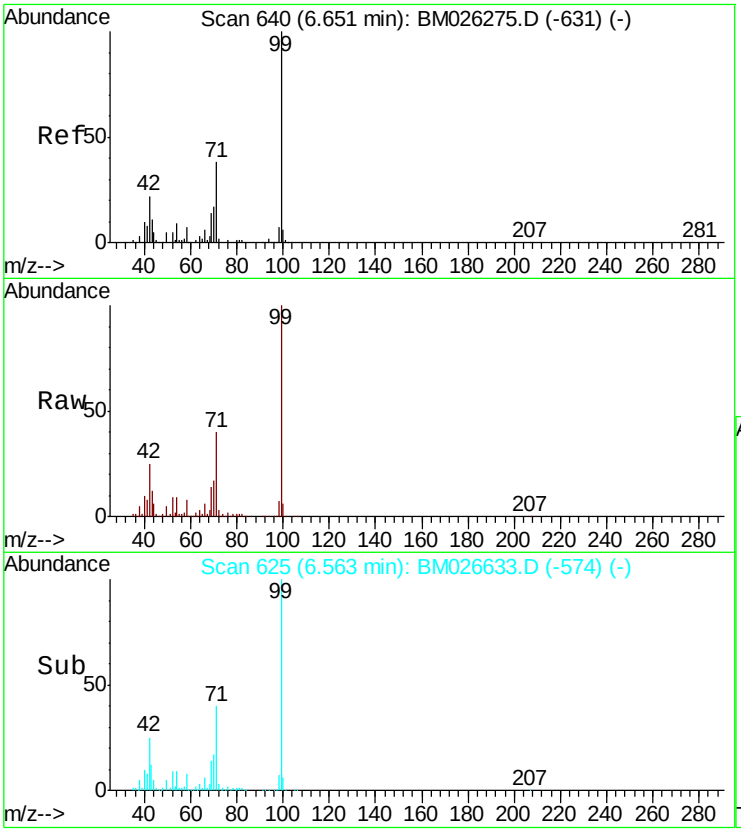


#5
2-Fluorophenol
Concen: 82.965 ng
RT: 4.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion:112 Resp: 415883

Ion	Ratio	Lower	Upper
112	100		
64	74.6	56.0	84.0
63	39.5	29.0	43.6



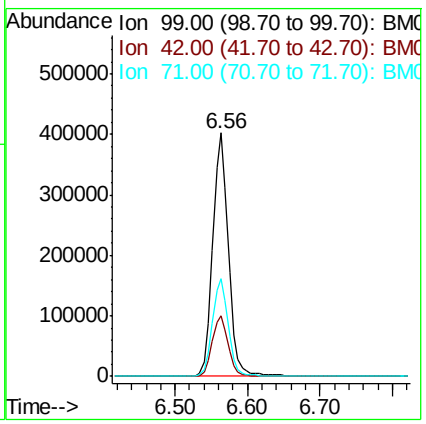


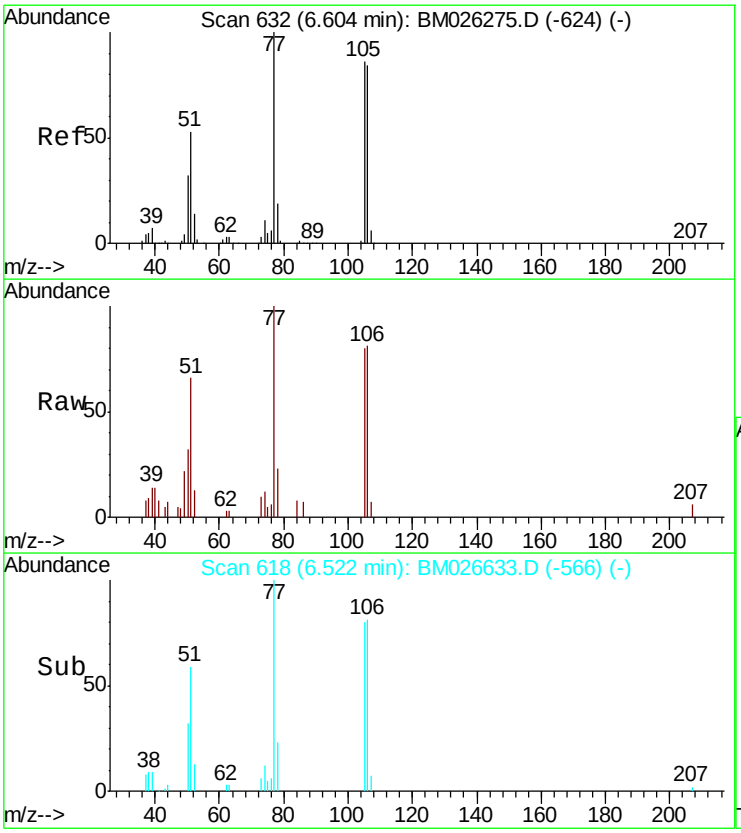
#7
Phenol-d6
Concen: 83.348 ng
RT: 6.56 min Scan# 625
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Instrument :
BNA_M
ClientSampleId :
SP2-F

Tgt Ion: 99 Resp: 605000

Ion	Ratio	Lower	Upper
99	100		
42	24.7	17.8	26.6
71	40.3	31.0	46.4

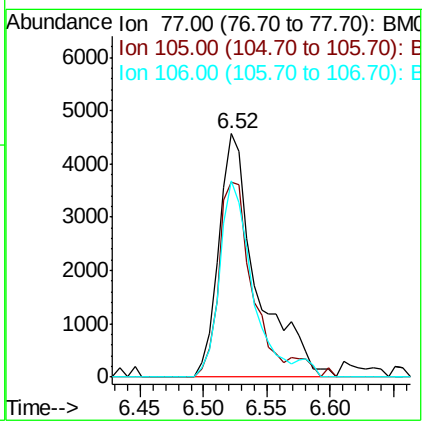


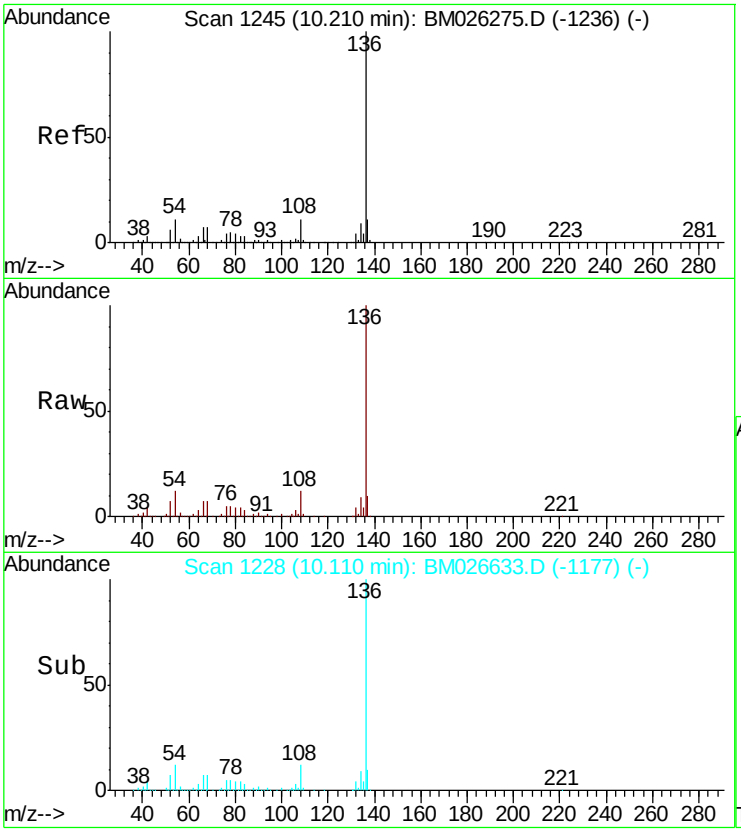


#9
Benzaldehyde
Concen: 2.076 ng
RT: 6.52 min Scan# 618
Delta R.T. 0.01 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion: 77 Resp: 9607

Ion	Ratio	Lower	Upper
77	100		
105	80.0	71.5	111.5
106	80.7	64.7	104.7



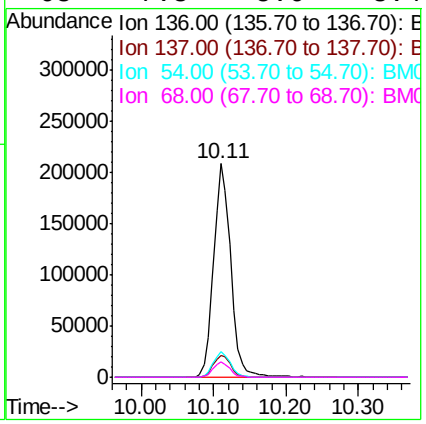


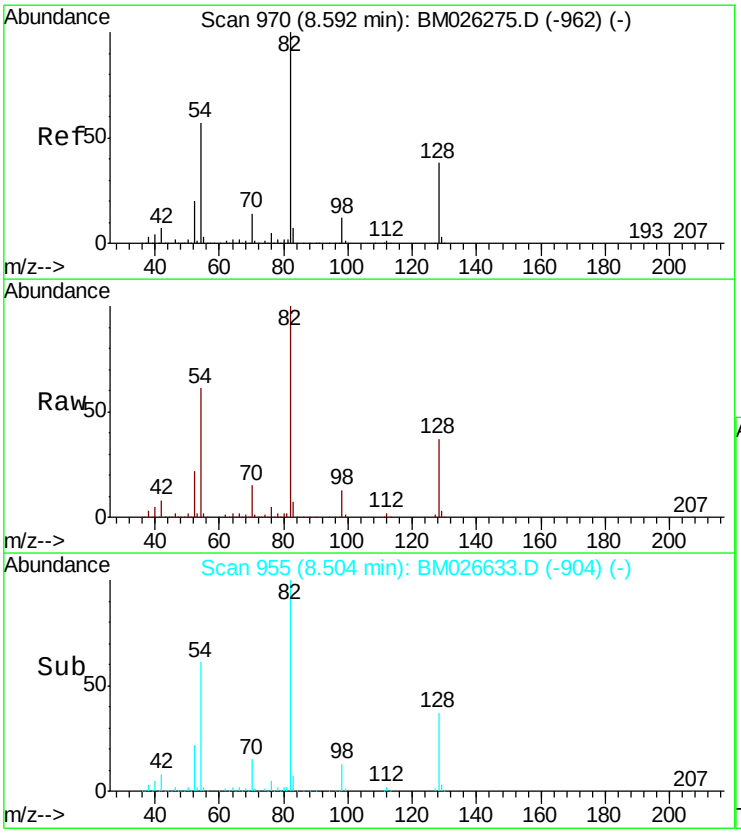
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.11 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Instrument :
BNA_M
ClientSampleId :
SP2-F

Tgt Ion:136 Resp: 341015

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	11.8	9.0	13.6
68	7.3	5.6	8.4

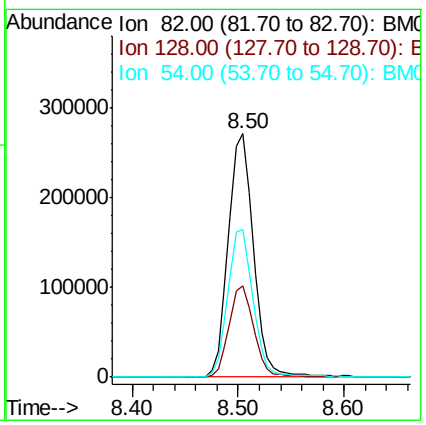


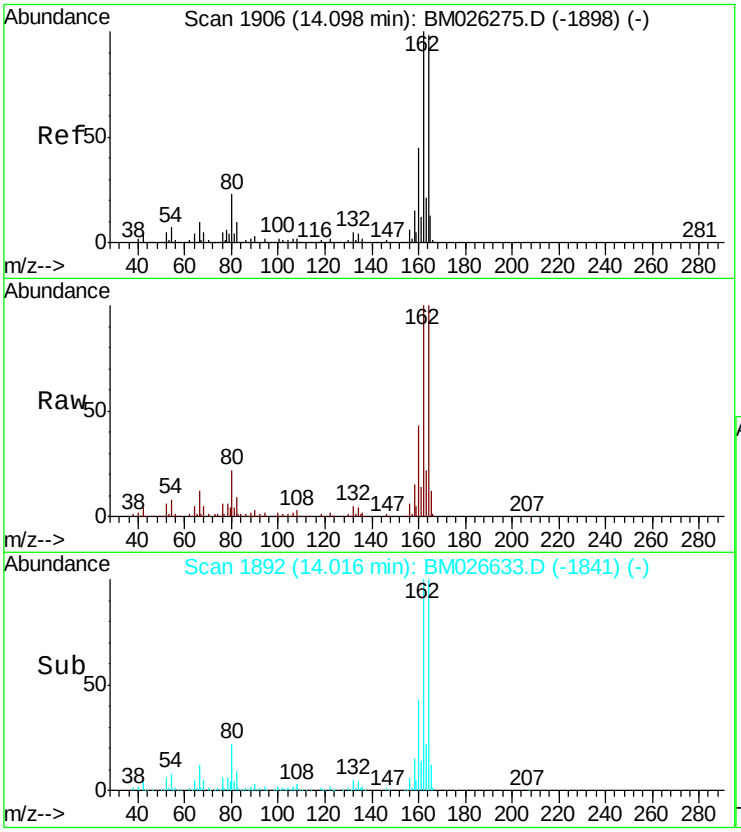


#23
Nitrobenzene-d5
Concen: 64.547 ng
RT: 8.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion: 82 Resp: 448304

Ion	Ratio	Lower	Upper
82	100		
128	37.4	31.0	46.6
54	60.8	45.4	68.2



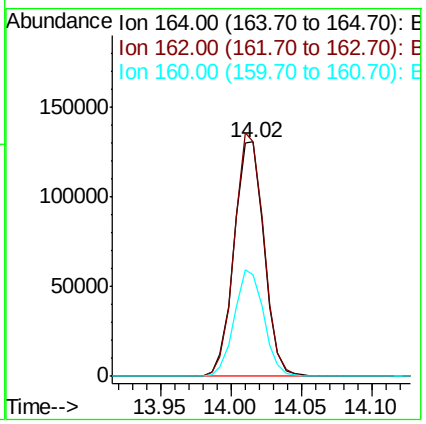


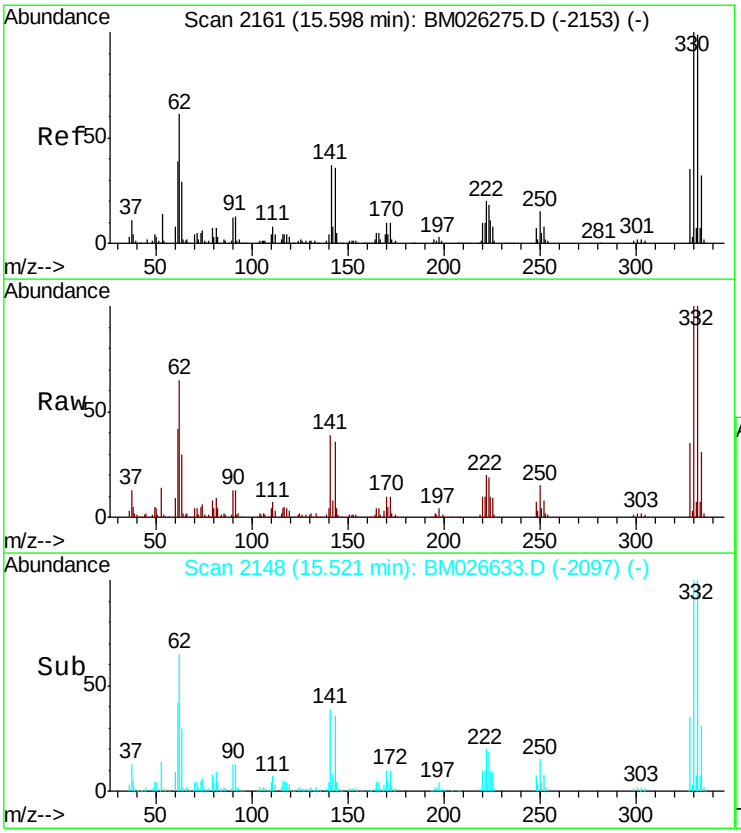
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Instrument :
BNA_M
ClientSampleId :
SP2-F

Tgt Ion:164 Resp: 193901

Ion	Ratio	Lower	Upper
164	100		
162	100.2	77.7	116.5
160	43.6	34.2	51.2

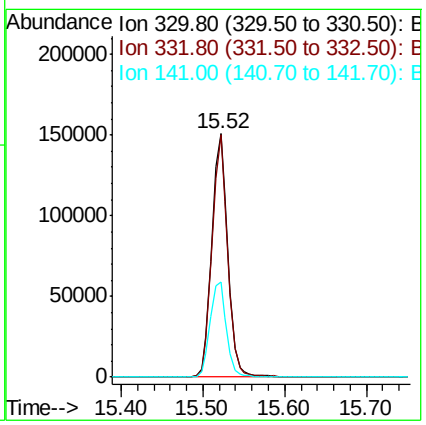


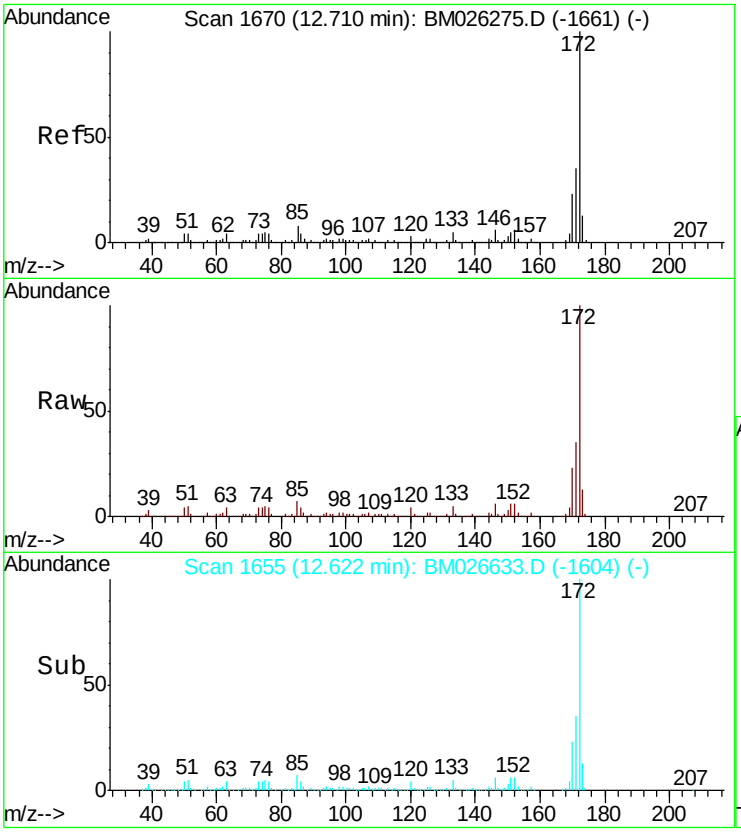


#42
2,4,6-Tribromophenol
Concen: 88.232 ng
RT: 15.52 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion:330 Resp: 207241

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.7	116.5
141	39.8	29.7	44.5



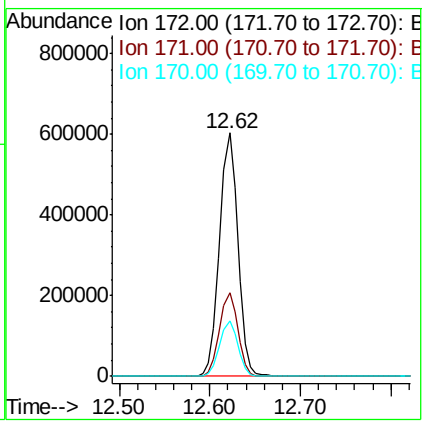


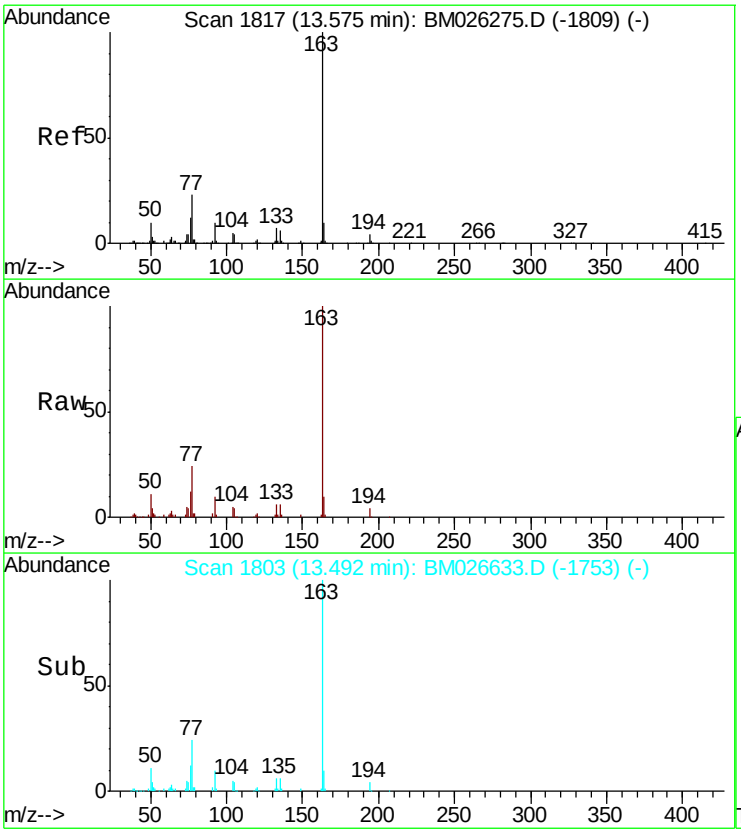
#45
2-Fluorobiphenyl
Concen: 66.376 ng
RT: 12.62 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Instrument :
BNA_M
ClientSampleId :
SP2-F

Tgt Ion:172 Resp: 847866

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.8
170	23.0	18.2	27.4

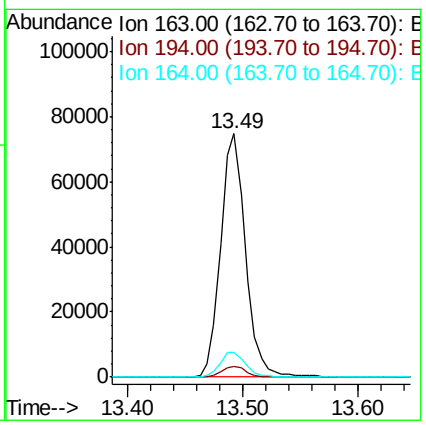


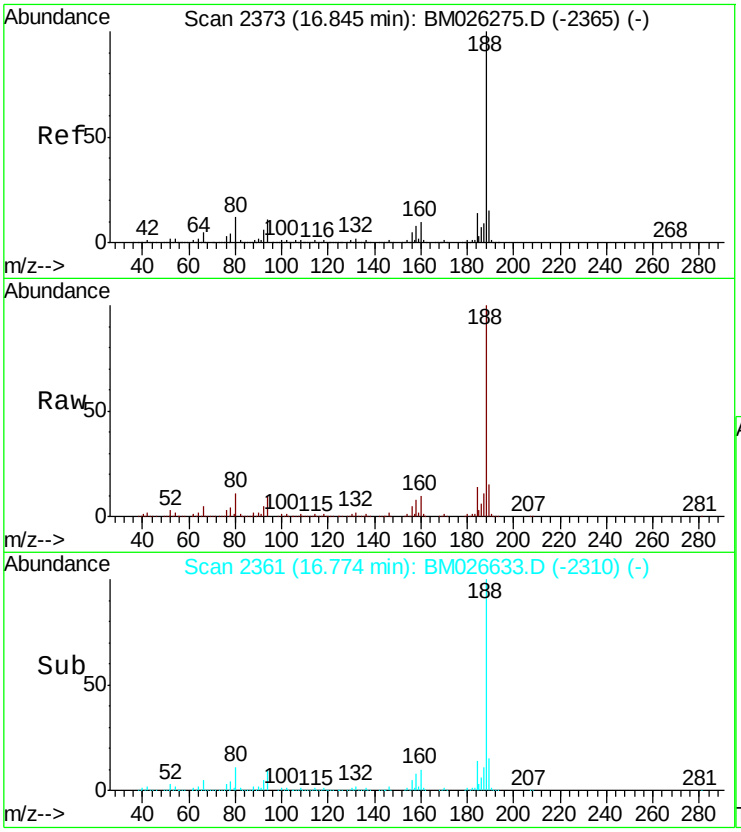


#50
Dimethylphthalate
Concen: 7.889 ng
RT: 13.49 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion:163 Resp: 111890

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	7.8	11.8



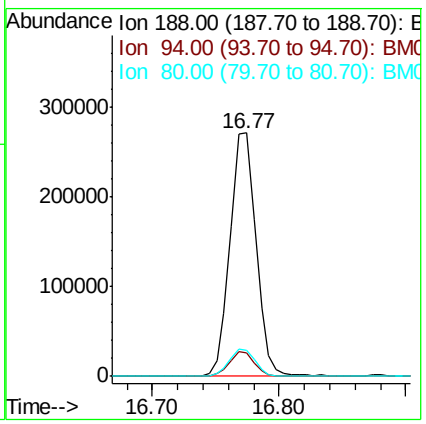


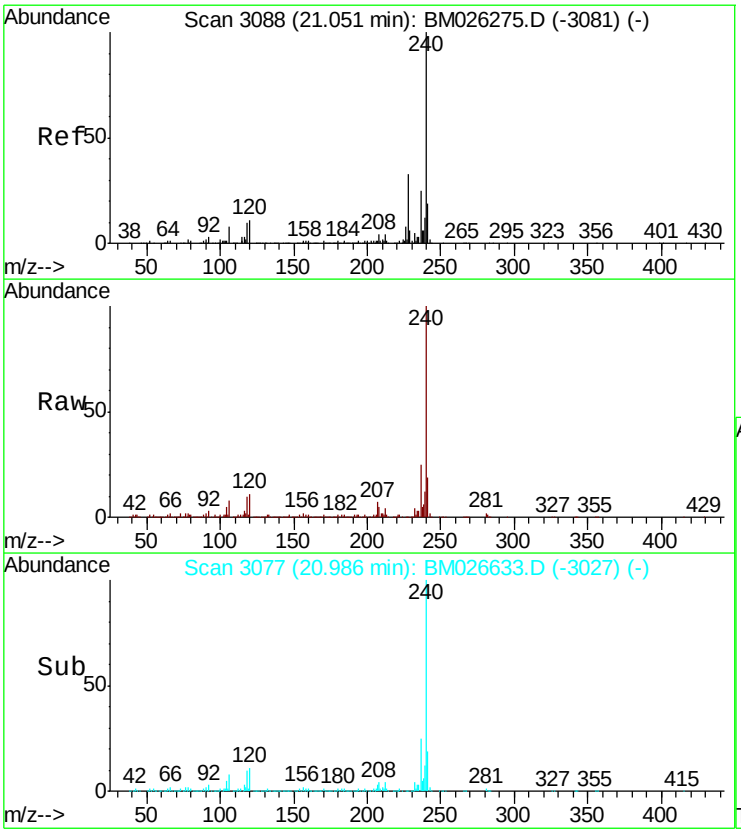
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.77 min Scan# 2361
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Instrument :
BNA_M
ClientSampleId :
SP2-F

Tgt Ion:188 Resp: 386529

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	10.8	9.5	14.3

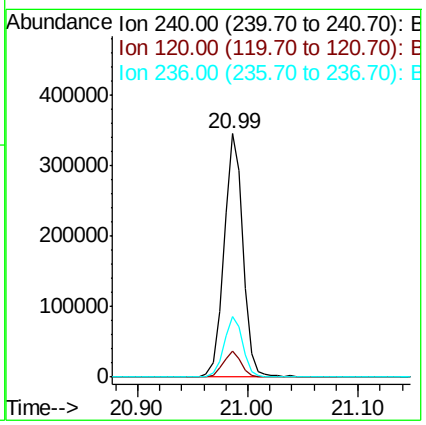


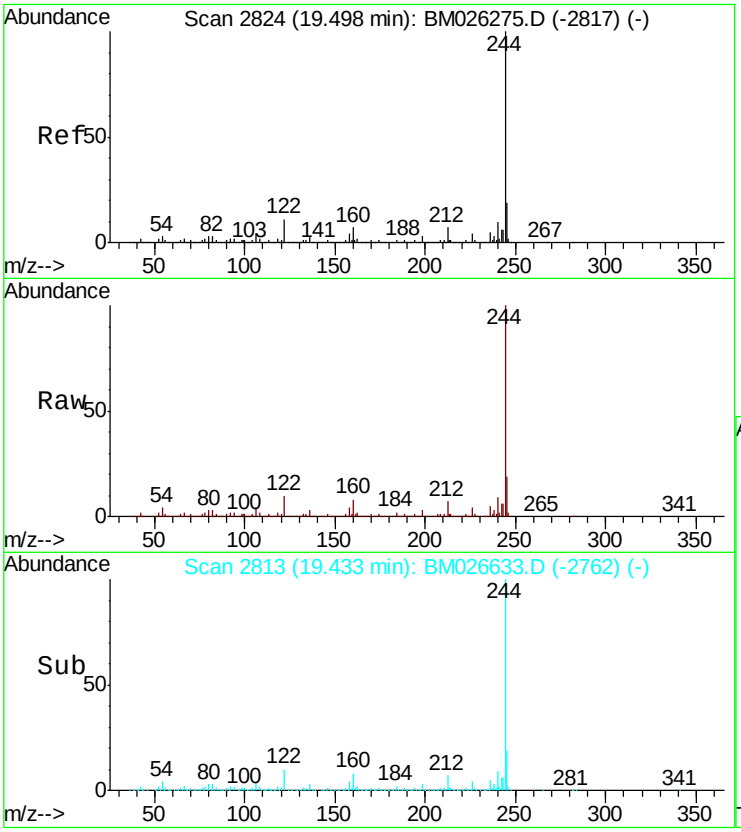


#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion:240 Resp: 413041

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.3	13.9
236	25.0	19.4	29.0



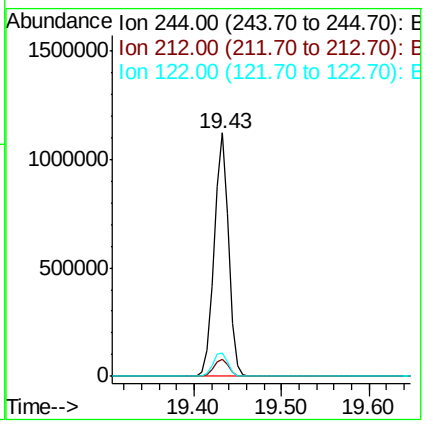


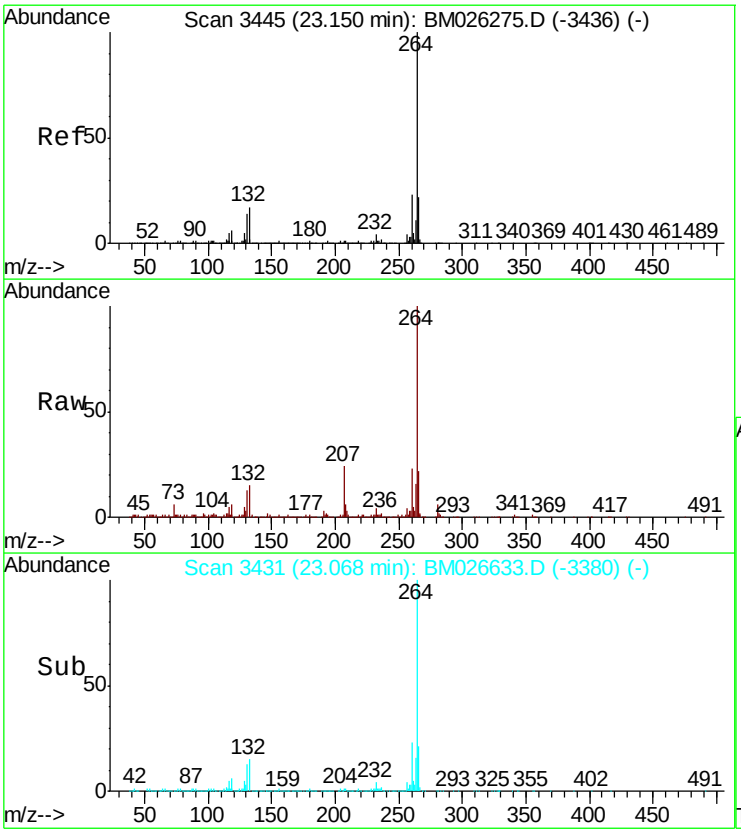
#79
Terphenyl-d14
Concen: 60.060 ng
RT: 19.43 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Instrument :
BNA_M
ClientSampleId :
SP2-F

Tgt Ion:244 Resp: 1277956

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.8	8.6	13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.07 min Scan# 3431
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion:264 Resp: 437221

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.5	17.8	26.6